

February 18, 2026

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VIA EMAIL
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Subject: Supplemental Air Quality, Greenhouse Gas, and Energy Memorandum for the Terravita Project

An environmental document and supporting technical reports were prepared in March 2025 evaluating the Terravita Project (Project) located at 23272, 23282, 23332, 23382, and 23422 Mill Creek Drive northeast of the intersection of Ridge Route Drive and Mill Creek Road, in the City of Laguna Hills (City). The Project included the development of a total of 464 residential units.

The March 2025 technical reports include the following and are included as Appendices A and B, respectively, to this Memorandum:

- Appendix A Terravita AQ LST Assessment, Urban Crossroads, March 6, 2025
- Appendix B Terravita Construction and Operational Health Risk Assessment, Urban Crossroads, March 6, 2025

Since the preparation of these reports, the Project has increased the overall number of residential units from 464 to 480 units, resulting in a net increase of 16 additional units.

This Memorandum evaluates potential impacts associated with these additional 16 residential units.

Construction

Construction of the proposed Project would not be affected by the addition of 16 residential units. Project construction would involve the same type, quantity, and intensity of construction equipment and would follow the same construction schedule as previously analyzed. Consequently, construction activities would not result in additional criteria air pollutant, toxic air contaminant (TAC), or greenhouse gas (GHG) emissions during the construction phase. As a result, the Project's localized impacts and cancer risk associated with construction-related emissions would remain unchanged. Similarly, energy consumption during construction would be substantially similar to that previously evaluated and no new impacts would occur.

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Operations

An updated emission inventory reflecting the Project's projected operational emissions was prepared to reflect operational impacts associated with the additional 16 units utilizing CalEEMod; the CalEEMod output is included as Appendix C to this Memorandum. Table 1, Estimated Maximum Operational Emissions, below reflects the projected operational emissions for the updated Project, inclusive of all 480 units. Consistent with the methodology utilized in the March 2025 environmental document and associated technical reports, for purposes of this analysis, operational emissions generated by the existing on-site land uses were quantified using CalEEMod (included in Appendix D of this Memorandum), and serve as the baseline for this analysis. As such, updated Project operational emissions are expressed in Table 6, below as the net daily emissions when compared to this existing baseline.

TABLE 1
ESTIMATED MAXIMUM DAILY OPERATIONAL EMISSIONS

[illegible]

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As demonstrated above, Project operations would not result in criteria air pollutant or GHG emissions exceeding applicable SCAQMD thresholds. Consequently, operational impacts associated with localized emissions and cancer risk would be substantially similar to those which were established in the March 2025 Technical Reports. Similarly, energy consumption during operations would be substantially similar to that previously evaluated and no new impacts would occur.

Sincerely,

P S O M A S



Alia Hokuki, AIC
Senior Project Manager/Vice President



Jordan Werkmeister
Assistant Project Manager

TECHNICAL MEMORANDUM



DATE: March 6, 2025
TO: Jordan Werkmeister, Psomas
FROM: Haseeb Qureshi, Ali Dadabhoy, Urban Crossroads, Inc.
JOB NO: 16380-02 AQ LST Memo



SUBJECT: TERRAVITA AQ LST ASSESSMENT

Urban Crossroads, Inc. is pleased to provide the following AQ LST Assessment for the Terravita (Project), which is located northeast of the intersection of Ridge Route Drive and Mill Creek Road City of Laguna Hills.

PROJECT OVERVIEW

The project includes 254 attached single-family units and 210 multifamily units. The single-family units include duets (46 units), duplexes (108 units), and triplexes (108 units), all three stories in height. The multifamily building is five stories in height with 210 apartment units wrapped around a parking structure. Twenty-four of the total units will be restricted for very low-income households.

LOCALIZED CONSTRUCTION EMISSIONS

BACKGROUND ON LST DEVELOPMENT

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology* (LST Methodology). The SCAQMD has established that impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the federal and/or state ambient air quality standards (NAAQS/CAAQS). Collectively, these are referred to as Localized Significance Thresholds (LSTs).

The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4.¹ LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard at the nearest residence or sensitive receptor. The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses.

LSTs were developed in response to environmental justice and health concerns raised by the public regarding exposure of individuals to criteria pollutants in local communities. To address the issue of localized significance, the SCAQMD adopted LSTs that show whether a project would cause or contribute to localized air quality impacts and thereby cause or contribute to potential localized adverse health effects. The analysis makes use of methodology included in the *LST Methodology* (1).

EMISSIONS CONSIDERED

Based on SCAQMD's *LST Methodology*, emissions for concern during construction activities are on-site NO_x, CO, PM_{2.5}, and PM₁₀. The *LST Methodology* clearly states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs (2)." As such, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered.

DISPERSION MODELING

In order to estimate localized pollutant concentrations resulting from Project construction, the SCAQMD-approved American Meteorological Society/EPA Regulatory Model (AERMOD) dispersion model was utilized. The modeling approach utilized is discussed as follows:

SOURCES

It should be noted that in order to model worst-case conditions, the highest daily peak on-site emissions resulting from overlapping construction activity were modeled.

A ground level release height and a 1 meter (approximately 3.28 feet) initial vertical dimension (sigma z) were utilized for fugitive dust emissions of PM₁₀ and PM_{2.5} consistent with SCAQMD's LST guidance.

¹ The purpose of SCAQMD's Environmental Justice program is to ensure that everyone has the right to equal protection from air pollution and fair access to the decision-making process that works to improve the quality of air within their communities. Further, the SCAQMD defines Environmental Justice as "...equitable environmental policymaking and enforcement to protect the health of all residents, regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location, from the health effects of air pollution."

In order to account for equipment exhaust emissions from NO₂, CO, PM₁₀, and PM_{2.5} a release height of 5.0 meters was utilized consistent with SCAQMD's LST guidance.

METEOROLOGICAL DATA AND MODEL OPTIONS

In order to account for meteorological conditions at the Project site, meteorological data from the SCAQMD's Mission Viejo monitoring station was utilized, as this is the nearest station to the Project site for which meteorological data is available. Additionally, a receptor height of 2 meters and regulatory default options were utilized consistent with SCAQMD's LST guidance.

RECEPTORS

As previously stated, LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable NAAQS and CAAQS at the nearest residence or sensitive receptor. Receptor locations are off-site locations where individuals may be exposed to emissions from Project activities.

Some people are especially sensitive to air pollution and are given special consideration when evaluating air quality impacts from projects. These groups of people include children, the elderly, and individuals with pre-existing respiratory or cardiovascular illness. Structures that house these persons or places where they gather are defined as "sensitive receptors." These structures typically include uses such as residences, hotels, and hospitals where an individual can remain for 24 hours. Consistent with the LST Methodology, the nearest land use where an individual could remain for 24 hours to the Project site has been used to determine construction and operational air quality impacts for emissions of PM₁₀ and PM_{2.5}, since PM₁₀ and PM_{2.5} thresholds are based on a 24-hour averaging time.

LSTs apply, even for non-sensitive land uses, consistent with *LST Methodology* and SCAQMD guidance. Per the *LST Methodology*, commercial and industrial facilities are not included in the definition of sensitive receptor because employees and patrons do not typically remain on-site for a full 24 hours but are typically on-site for 8 hours or less. However, *LST Methodology* explicitly states that "*LSTs based on shorter averaging periods, such as the NO₂ and CO LSTs, could also be applied to receptors such as industrial or commercial facilities since it is reasonable to assume that a worker at these sites could be present for periods of one to eight hours (2).*" Therefore, any adjacent land use where an individual could remain for 1 or 8 hours, that is located at a closer distance to the Project site than the receptor used for PM₁₀ and PM_{2.5} analysis, must be considered to determine construction and operational LST air impacts for emissions of NO₂ and CO since these pollutants have an averaging time of 1 and 8 hours.

PROJECT-RELATED RECEPTORS

Receptors in the Project area are described below and shown on Exhibit 1. Localized air quality impacts were evaluated at receptor land uses nearest the Project site. All distances are measured from the Project site boundary to the outdoor living areas (e.g., backyards) or at the building façade, whichever is closer to the Project site.

- R1: Location R1 represents the existing residence at 23416 Caminito Salado, approximately 81 feet southwest of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R1 is placed at the residential building façade.

- R2: Location R2 represents the Qualified Home Loans at 23330 Mill Creek Drive, adjacent to the southwest of the Project site. Receptor R2 is placed at the building façade.
- R3: Location R3 represents the New Vista School at 23092 Mill Creek Dr, approximately 224 feet north of the Project site. R3 is placed at the private outdoor living areas (backyard) facing the Project site.
- R4: Location R4 represents Cryptozoic Entertainment at 23212 Mill Creek Dr, adjacent to the northwest of the Project site. Receptor R4 is placed at the building façade.
- R5: Location R5 represents the existing residence at 23335 Caminito Basilio, approximately 126 feet west of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R5 is placed at the residential building façade.
- R6: Location R6 represents the existing commercial building at 24401 Ridge Rte Dr, adjacent to the northwest of the Project site. Receptor R6 is placed at the building façade.

The SCAQMD recommends that the nearest sensitive receptor be considered when determining a Project's impact. The nearest land use where an individual could remain for 24 hours to the Project site has been used to determine localized construction and operational air quality impacts for emissions of PM_{10} and $PM_{2.5}$ (since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time). As previously stated, and consistent with LST Methodology, the nearest industrial/commercial use to the Project site is used to determine construction and operational LST air impacts for emissions of NO_x and CO as the averaging periods for these pollutants are shorter (8 hours or less) and it is reasonable to assumed that an individual could be present at these sites for periods of one to 8 hours.

EXHIBIT 1: SENSITIVE RECEPTOR LOCATIONS



LEGEND:

- Site Boundary
- Receptor Locations
- Distance from receptor to Project site boundary (in feet)

CONSTRUCTION-SOURCE EMISSIONS LST ANALYSIS

Emissions during the peak construction activity will not exceed the SCAQMD's localized significance thresholds at the maximally exposed receptor location, as illustrated on Table 1. All other modeled locations in the study area would experience a lesser concentration and consequently a lesser impact. As such, the Project's localized impacts during construction activity would be less than significant. Outputs for the model runs from CalEEMod and AERMOD for construction LSTs are provided in Appendix 1 and Appendix 3. It should be noted that in order to account for a conservative condition, the peak day construction emissions were modeled based on a review of all construction subphases (e.g., site preparation, grading, building construction, paving, coatings). Additionally, based on the SCAQMD LST guidance, the background concentrations for CO and NO₂ are to be added to the model concentrations. However, because the basin exceeds the federal or state PM₁₀ and PM_{2.5} standards, background concentrations for these pollutants are not considered.

TABLE 1: LOCALIZED SIGNIFICANCE SUMMARY PEAK CONSTRUCTION – WITHOUT MITIGATION

Peak Construction	CO		NO ₂	PM ₁₀	PM _{2.5}
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.10	0.04	1.14E-02	7.30	3.77
Background Concentration ^A	2.4	1.9	0.072		
Total Concentration	2.50	1.94	0.08	7.30	3.77
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	NO	NO	NO	NO	NO

^A Highest concentration from the last three years of available data. Per SCAQMD LST guidance, PM₁₀ and PM_{2.5} background concentrations are not considered.

Notes: PM₁₀ and PM_{2.5} concentrations are expressed in µg/m³. All others are expressed in ppm. Threshold based on SCAQMD guidance: <https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25>

OPERATIONAL-SOURCE EMISSIONS LST ANALYSIS

The LST analysis generally includes on-site sources (area, energy and mobile sources). However, it should be noted that the CalEEMod outputs do not separate on-site and off-site emissions from mobile sources. As such, to establish a maximum potential impact scenario for analytic purposes, the modeled emissions include all on-site Project-related stationary (area) sources and on-site Project-related mobile emissions. In order to account for on-site mobile emissions, a trip length of 0.30 miles was utilized for both trucks and passenger cars.

In order to account for any potential impacts to on-site receptors as a result of operational activity, a scenario conservatively assuming 2028 emissions was analyzed. Outputs for the model runs from CalEEMod and AERMOD for operational LSTs are provided in Appendix 2 and Appendix 3. As shown in Table 2 below, emissions would not exceed SCAQMD's localized significance thresholds at the maximally exposed on-site receptors as a result of operational activities.

TABLE 2: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONAL

Peak Construction	CO		NO ₂	PM ₁₀	PM _{2.5}
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	4.54E-02	3.07E-02	1.29E-03	0.39	0.11
Background Concentration [^]	2.4	1.9	0.072		
Total Concentration	2.45	1.93	0.07	0.39	0.11
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	NO	NO	NO	NO	NO

[^] Highest concentration from the last three years of available data. Per SCAQMD LST guidance, PM₁₀ and PM_{2.5} background concentrations are not considered.

Notes: PM₁₀ and PM_{2.5} concentrations are expressed in µg/m³. All others are expressed in ppm. Threshold based on SCAQMD guidance: <https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25>

REFERENCES

1. **Lake Environmental.** US EPA Models. *Lake Environmental.* [Online]
http://www.weblakes.com/download/us_epa.html.
2. **South Coast Air Quality Management District.** *Localized Significance Thresholds Methodology.*
s.l. : South Coast Air Quality Managment District, 2008.

APPENDIX 1:

CALEEMOD CONSTRUCTION AND OPERATIONAL EMISSIONS

Terravita Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Terravita
Construction Start Date	11/1/2025
Operational Year	2028
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	6.00
Location	Mill Creek Dr & Ridge Rte Dr, Laguna Hills, CA 92653, USA
County	Orange
City	Laguna Hills
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5929
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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
Single Family Housing	46.0	Dwelling Unit	3.24	142,669	87,990	—	137	Lot 1 - Single Family Attached "A"

Single Family Housing	108	Dwelling Unit	5.47	279,900	54,700	—	322	Lot 2 - Single Family Attached "B"
Single Family Housing	100	Dwelling Unit	6.62	308,650	8,193	—	298	Lot 3 - Single Family Attached "C"
Apartments Mid Rise	210	Dwelling Unit	2.40	233,418	0.00	—	626	Lot 4 Multi-Family
City Park	0.38	Acre	0.38	0.00	16,552	16,552	—	Lot A - Terrace Park
City Park	0.40	Acre	0.40	0.00	17,424	17,424	—	Lot B - Corner Park
Other Asphalt Surfaces	4.33	Acre	0.00	0.00	0.00	—	—	Internal Drive Aisles
Enclosed Parking with Elevator	161	1000sqft	0.00	161,000	0.00	—	—	MFR Parking Structure

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	27.3	9.64	45.4	0.06	0.23	4.75	4.97	0.21	1.14	1.36	0.54	20.5	11,258
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	30.7	43.4	72.8	0.29	0.55	21.3	21.9	0.55	8.93	9.48	5.11	1.76	41,772
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.0	8.64	34.5	0.05	0.20	3.83	3.99	0.19	1.15	1.30	0.46	6.47	9,018

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.38	1.58	6.30	0.01	0.04	0.70	0.73	0.03	0.21	0.24	0.08	1.07	1,493

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.00	9.64	45.4	0.06	0.23	4.75	4.97	0.21	1.14	1.36	0.54	20.5	11,258
2027	1.82	9.45	44.3	0.06	0.21	4.75	4.96	0.20	1.14	1.34	0.53	18.5	11,136
2028	27.3	3.60	6.05	0.02	0.04	1.34	1.39	0.04	0.34	0.38	0.27	6.36	3,000
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.57	43.4	64.1	0.29	0.55	21.3	21.9	0.55	8.93	9.48	5.11	1.76	41,772
2026	2.00	11.9	44.4	0.10	0.23	7.56	7.79	0.23	3.22	3.45	0.98	0.53	13,142
2027	30.7	22.6	72.8	0.13	0.55	7.20	7.76	0.52	1.77	2.29	1.18	0.83	19,889
2028	27.3	3.71	5.66	0.02	0.04	1.34	1.39	0.04	0.34	0.38	0.29	0.16	2,965
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.18	2.93	6.37	0.02	0.05	1.38	1.43	0.05	0.41	0.46	0.27	1.62	2,726
2026	1.26	7.41	31.4	0.05	0.16	3.83	3.99	0.16	1.15	1.30	0.46	5.89	8,261
2027	5.28	8.64	34.5	0.05	0.20	3.70	3.90	0.19	0.89	1.08	0.46	6.47	9,018
2028	13.0	1.77	2.75	0.01	0.02	0.64	0.66	0.02	0.16	0.18	0.14	1.31	1,422
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.03	0.53	1.16	< 0.005	0.01	0.25	0.26	0.01	0.08	0.08	0.04	0.27	451
2026	0.23	1.35	5.72	0.01	0.03	0.70	0.73	0.03	0.21	0.24	0.08	0.97	1,368
2027	0.96	1.58	6.30	0.01	0.04	0.68	0.71	0.03	0.16	0.20	0.08	1.07	1,493

2028	2.38	0.32	0.50	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	0.02	0.22	235

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	35.0	6.54	107	0.20	0.14	19.4	19.5	0.12	4.91	5.04	0.89	63.5	26,128
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.5	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.92	8.38	25,217
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	32.8	6.24	85.4	0.17	0.12	17.0	17.2	0.11	4.32	4.43	0.83	28.5	23,206
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.98	1.14	15.6	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.14	4.72	3,842

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.28	6.23	74.1	0.20	0.11	19.4	19.5	0.10	4.91	5.02	0.77	56.6	20,444
Area	25.8	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672

Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	35.0	6.54	107	0.20	0.14	19.4	19.5	0.12	4.91	5.04	0.89	63.5	26,128
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.21	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.81	1.47	19,632
Area	22.3	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	31.5	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.92	8.38	25,217
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	8.08	6.03	62.6	0.17	0.10	17.0	17.1	0.09	4.32	4.42	0.71	21.6	17,553
Area	24.7	0.21	22.9	< 0.005	0.02	—	0.02	0.01	—	0.01	< 0.005	—	68.2
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	32.8	6.24	85.4	0.17	0.12	17.0	17.2	0.11	4.32	4.43	0.83	28.5	23,206
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.47	1.10	11.4	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.12	3.58	2,906
Area	4.50	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.01	—	755
Water	—	—	—	—	—	—	—	—	—	—	0.01	—	56.7
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	111
Refrig.	—	—	—	—	—	—	—	—	—	—	—	1.14	1.14
Total	5.98	1.14	15.6	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.14	4.72	3,842

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.25	8.47	44.3	0.07	0.29	—	0.29	0.28	—	0.28	0.06	—	7,992
Demolition	—	—	—	—	—	6.04	6.04	—	0.91	0.91	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.70	3.64	0.01	0.02	—	0.02	0.02	—	0.02	0.01	—	657
Demolition	—	—	—	—	—	0.50	0.50	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.13	0.66	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	109
Demolition	—	—	—	—	—	0.09	0.09	—	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.15	1.82	0.00	0.00	0.49	0.49	0.00	0.11	0.11	0.02	0.05	479
Vendor	0.03	1.20	0.59	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.08	1,164
Hauling	0.15	9.61	4.13	0.05	0.10	1.98	2.07	0.10	0.55	0.65	1.23	0.42	8,009
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	< 0.005	0.07	40.0
Vendor	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	0.01	0.11	95.8
Hauling	0.01	0.80	0.34	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	0.10	0.57	659
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.01	6.62
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	15.9
Hauling	< 0.005	0.15	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	0.02	0.09	109

3.3. 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	4.22	45.8	0.08	0.16	—	0.16	0.16	—	0.16	0.07	—	8,662
Dust From Material Movement	—	—	—	—	—	12.8	12.8	—	6.58	6.58	—	—	—
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

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.12	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	237
Dust From Material Movement	—	—	—	—	—	0.35	0.35	—	0.18	0.18	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	39.3
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.11	1.33	0.00	0.00	0.36	0.36	0.00	0.08	0.08	0.01	0.04	351
Vendor	0.03	1.20	0.59	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.08	1,164
Hauling	0.61	37.9	16.3	0.20	0.38	7.80	8.18	0.38	2.19	2.57	4.87	1.64	31,595
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.02	9.77
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.04	31.9
Hauling	0.02	1.05	0.44	0.01	0.01	0.21	0.22	0.01	0.06	0.07	0.13	0.75	866
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	< 0.005	< 0.005	1.62
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	5.29

Hauling	< 0.005	0.19	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.12	143

3.5. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78	4.71	39.6	0.06	0.17	—	0.17	0.16	—	0.16	0.05	—	6,522
Dust From Material Movement	—	—	—	—	—	5.54	5.54	—	2.67	2.67	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	63.8
Dust From Material Movement	—	—	—	—	—	0.05	0.05	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	10.6
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.14	1.69	0.00	0.00	0.46	0.46	0.00	0.11	0.11	0.02	0.05	447
Vendor	0.03	1.20	0.59	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.08	1,164
Hauling	0.10	6.16	2.65	0.03	0.06	1.27	1.33	0.06	0.36	0.42	0.79	0.27	5,130
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	< 0.005	0.01	4.44
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	11.4
Hauling	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01	0.04	50.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	< 0.005	< 0.005	0.74
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.89
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	8.32

3.7. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	4.69	39.6	0.06	0.16	—	0.16	0.16	—	0.16	0.05	—	6,522

Dust From Material Movement	—	—	—	—	—	5.54	5.54	—	2.67	2.67	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.75	6.36	0.01	0.03	—	0.03	0.03	—	0.03	0.01	—	1,047
Dust From Material Movement	—	—	—	—	—	0.89	0.89	—	0.43	0.43	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.14	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	173
Dust From Material Movement	—	—	—	—	—	0.16	0.16	—	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.12	1.59	0.00	0.00	0.46	0.46	0.00	0.11	0.11	0.02	0.04	439
Vendor	0.02	1.16	0.57	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.07	1,146
Hauling	0.07	5.93	2.56	0.03	0.06	1.27	1.33	0.06	0.36	0.42	0.76	0.25	5,035
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.27	0.00	0.00	0.07	0.07	0.00	0.02	0.02	< 0.005	0.11	71.5
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	0.02	0.20	184
Hauling	0.01	0.96	0.41	0.01	0.01	0.20	0.21	0.01	0.06	0.07	0.12	0.67	809

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.02	11.8
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.03	30.5
Hauling	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.11	134

3.9. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	6.09	27.8	0.04	0.21	—	0.21	0.20	—	0.20	0.04	—	4,505
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	6.09	27.8	0.04	0.21	—	0.21	0.20	—	0.20	0.04	—	4,505
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	3.37	15.4	0.02	0.11	—	0.11	0.11	—	0.11	0.02	—	2,495

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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.62	2.81	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	413
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	0.94	16.4	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	14.0	4,099
Vendor	0.05	2.43	1.21	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.34	6.16	2,493
Hauling	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.31	161
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.08	14.1	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	0.36	3,891
Vendor	0.05	2.52	1.24	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.34	0.16	2,488
Hauling	< 0.005	0.19	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.01	161
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.58	0.60	8.12	0.00	0.00	2.24	2.24	0.00	0.52	0.52	0.08	3.36	2,187
Vendor	0.03	1.41	0.68	0.01	0.01	0.36	0.37	0.01	0.10	0.11	0.19	1.48	1,379
Hauling	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	0.01	0.07	89.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	1.48	0.00	0.00	0.41	0.41	0.00	0.10	0.10	0.01	0.56	362
Vendor	< 0.005	0.26	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	0.03	0.24	228

Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	14.8

3.11. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	6.01	27.8	0.04	0.19	—	0.19	0.18	—	0.18	0.04	—	4,505
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	6.01	27.8	0.04	0.19	—	0.19	0.18	—	0.18	0.04	—	4,505
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	4.29	19.8	0.03	0.14	—	0.14	0.13	—	0.13	0.03	—	3,218
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.11	0.78	3.62	0.01	0.03	—	0.03	0.02	—	0.02	< 0.005	—	533
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.89	0.93	15.3	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	12.6	4,030
Vendor	0.05	2.33	1.16	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.32	5.60	2,443
Hauling	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.29	158
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.95	13.2	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	0.33	3,826
Vendor	0.05	2.43	1.19	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.32	0.14	2,439
Hauling	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.01	158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.63	0.76	9.83	0.00	0.00	2.89	2.89	0.00	0.68	0.68	0.11	3.89	2,773
Vendor	0.03	1.75	0.84	0.01	0.01	0.46	0.48	0.01	0.13	0.14	0.23	1.72	1,743
Hauling	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	0.02	0.09	113
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.14	1.79	0.00	0.00	0.53	0.53	0.00	0.12	0.12	0.02	0.64	459
Vendor	0.01	0.32	0.15	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	0.04	0.29	289
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.01	18.7

3.13. Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	6.67	21.9	0.03	0.27	—	0.27	0.25	—	0.25	0.03	—	3,192
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—
Paving	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.84	2.76	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	402
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.15	0.50	< 0.005	0.01	—	0.01	0.01	—	0.01	< 0.005	—	66.6
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—
Paving	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.12	1.70	0.00	0.00	0.52	0.52	0.00	0.12	0.12	0.02	0.04	493
Vendor	0.02	1.28	0.62	0.01	0.01	0.34	0.35	0.01	0.09	0.10	0.17	0.08	1,284
Hauling	0.01	1.13	0.49	0.01	0.01	0.25	0.26	0.01	0.07	0.08	0.15	0.05	970
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	< 0.005	0.09	63.1
Vendor	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.16	162
Hauling	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	0.02	0.10	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.01	10.4
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.03	26.8
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.02	20.2

3.15. 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.66	2.25	< 0.005	0.04	—	0.04	0.04	—	0.04	< 0.005	—	268

Architectura l	26.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.23	0.31	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	< 0.005	—	37.2
Architectura l Coatings	3.73	—	—	—	—	—	—	—	—	—	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	6.16
Architectura l Coatings	0.68	—	—	—	—	—	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.19	2.64	0.00	0.00	0.81	0.81	0.00	0.19	0.19	0.03	0.07	765
Vendor	0.04	1.98	0.97	0.01	0.01	0.53	0.54	0.01	0.15	0.16	0.26	0.12	1,990
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.38	0.00	0.00	0.11	0.11	0.00	0.03	0.03	< 0.005	0.15	108
Vendor	0.01	0.28	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	0.04	0.27	277
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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	< 0.005	0.03	17.9
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01	0.05	45.8
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

3.17. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	1.62	2.24	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	268
Architectural Coatings	26.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	1.62	2.24	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	268
Architectural Coatings	26.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.77	1.07	< 0.005	0.01	—	0.01	0.01	—	0.01	< 0.005	—	128

Architectural Coatings	12.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.14	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	21.2
Architectural Coatings	2.34	—	—	—	—	—	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	2.89	0.00	0.00	0.81	0.81	0.00	0.19	0.19	< 0.005	2.25	784
Vendor	0.04	1.83	0.91	0.01	0.01	0.53	0.54	0.01	0.15	0.16	0.26	4.11	1,949
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.19	2.49	0.00	0.00	0.81	0.81	0.00	0.19	0.19	0.03	0.06	752
Vendor	0.04	1.91	0.93	0.01	0.01	0.53	0.54	0.01	0.15	0.16	0.26	0.11	1,946
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.09	1.24	0.00	0.00	0.39	0.39	0.00	0.09	0.09	0.01	0.46	364
Vendor	0.02	0.91	0.44	0.01	0.01	0.25	0.26	0.01	0.07	0.08	0.12	0.85	930
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	< 0.005	0.08	60.3
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	0.02	0.14	154

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

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	5.46	3.66	43.6	0.12	0.07	11.4	11.5	0.06	2.89	2.95	0.45	33.3	12,027
Apartments Mid Rise	3.82	2.56	30.5	0.08	0.05	7.97	8.02	0.04	2.02	2.07	0.32	23.3	8,418
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	9.28	6.23	74.1	0.20	0.11	19.4	19.5	0.10	4.91	5.02	0.77	56.6	20,444
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	5.42	3.98	40.7	0.11	0.07	11.4	11.5	0.06	2.89	2.95	0.47	0.86	11,549
Apartments Mid Rise	3.79	2.79	28.5	0.08	0.05	7.97	8.02	0.04	2.02	2.07	0.33	0.60	8,083
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	9.21	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.81	1.47	19,632
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.96	0.72	7.44	0.02	0.01	2.03	2.04	0.01	0.51	0.53	0.08	2.33	1,894
Apartments Mid Rise	0.51	0.38	3.98	0.01	0.01	1.08	1.09	0.01	0.28	0.28	0.04	1.25	1,013
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	1.47	1.10	11.4	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.12	3.58	2,906

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.02	—	2,566

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	1,127
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.01	—	869
Total	—	—	—	—	—	—	—	—	—	—	0.03	—	4,563
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.02	—	2,566
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	1,127
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.01	—	869
Total	—	—	—	—	—	—	—	—	—	—	0.03	—	4,563
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	< 0.005	—	425
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	< 0.005	—	187
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	< 0.005	—	144
Total	—	—	—	—	—	—	—	—	—	—	0.01	—	755

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.7	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	1.65	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.44	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Total	25.8	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.7	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.65	—	—	—	—	—	—	—	—	—	—	—	—
Total	22.3	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.77	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.30	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.43	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3
Total	4.50	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.05	—	192
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.04	—	143
City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	7.60
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.05	—	192
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.04	—	143
City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	7.60
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.01	—	31.8
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	23.7

City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	1.26
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.01	—	56.7

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	379
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	293
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.13
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	379
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	293
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.13
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	62.7
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	48.5
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.02
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	111

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.24	5.24
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67	1.67
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.24	5.24
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67	1.67
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	0.87	0.87
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.14	1.14

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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
Demolition	Demolition	11/1/2025	12/12/2025	5.00	30.0	—
Site Preparation	Site Preparation	12/13/2025	12/26/2025	5.00	10.0	—
Grading	Grading	12/27/2025	3/23/2026	5.00	61.0	—
Building Construction	Building Construction	3/24/2026	12/31/2027	5.00	464	—
Paving	Paving	10/29/2027	12/31/2027	5.00	46.0	—
Architectural Coating	Architectural Coating	10/22/2027	8/31/2028	5.00	225	—

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
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	4.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	6.00	8.00	36.0	0.38
Demolition	Other Construction Equipment	Diesel	Tier 4 Final	4.00	10.0	82.0	0.42
Demolition	Crushing/Proc. Equipment	Diesel	Tier 4 Final	1.00	8.00	350	0.74
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	5.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	6.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	8.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	4.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	6.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	4.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	4.00	8.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	4.00	10.0	10.0	0.56
Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37

Architectural Coating	Air Compressors	Diesel	Average	2.00	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
Demolition	—	—	—	—
Demolition	Worker	37.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	35.0	10.2	HHDT,MHDT
Demolition	Hauling	109	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	27.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	35.0	10.2	HHDT,MHDT
Site Preparation	Hauling	431	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	35.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	35.0	10.2	HHDT,MHDT
Grading	Hauling	70.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	310	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	76.0	10.2	HHDT,MHDT
Building Construction	Hauling	2.24	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	40.0	18.5	LDA,LDT1,LDT2

Paving	Vendor	40.0	10.2	HHDT,MHDT
Paving	Hauling	13.7	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	62.1	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	62.0	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
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)
Architectural Coating	1,953,390	651,130	0.00	0.00	—

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 (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	285,061	—
Site Preparation	34,493	—	35.0	0.00	—

Grading	34,167	—	122	0.00	—
Building Construction	8,320	—	0.00	0.00	—
Paving	5,050	—	0.00	0.00	10.5

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.51	0%
Single Family Housing	1.19	0%
Single Family Housing	1.10	0%
Apartments Mid Rise	—	0%
City Park	0.00	0%
City Park	0.00	0%
Other Asphalt Surfaces	4.33	100%
Enclosed Parking with Elevator	3.40	100%

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
2028	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VM/Weekday	VM/Saturday	VM/Sunday	VM/Year
Single Family Housing	628	634	569	226,569	5,315	5,366	4,813	1,916,417
Single Family Housing	629	634	569	226,609	5,317	5,362	4,814	1,916,752
Single Family Housing	628	634	569	226,456	5,312	5,363	4,813	1,915,464
Apartments Mid Rise	956	861	1,331	363,431	8,082	7,283	11,262	3,074,049
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	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)
1953389.9249999998	651,130	0.00	0.00	—

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)
Single Family Housing	317,694	532	0.0330	0.0040	0.00
Single Family Housing	745,889	532	0.0330	0.0040	0.00
Single Family Housing	690,638	532	0.0330	0.0040	0.00
Apartments Mid Rise	770,509	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	532	0.0330	0.0040	0.00
Enclosed Parking with Elevator	594,320	532	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)
Single Family Housing	1,726,180	1,393,802
Single Family Housing	4,052,770	866,473
Single Family Housing	3,752,565	129,781
Apartments Mid Rise	7,880,387	0.00
City Park	0.00	476,711
City Park	0.00	501,826

Other Asphalt Surfaces	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	36.3	—
Single Family Housing	85.4	—
Single Family Housing	79.1	—
Apartments Mid Rise	155	—
City Park	0.03	—
City Park	0.03	—
Other Asphalt Surfaces	0.00	—
Enclosed Parking with Elevator	0.00	—

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
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0

Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

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	8.79	annual days of extreme heat
Extreme Precipitation	4.15	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.32	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 $\frac{3}{4}$ 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	1	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	1	1	1	2
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	64.7
AQ-PM	50.7

AQ-DPM	41.1
Drinking Water	40.5
Lead Risk Housing	22.8
Pesticides	0.00
Toxic Releases	63.7
Traffic	85.8
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	41.8
Impaired Water Bodies	77.3
Solid Waste	9.67
Sensitive Population	—
Asthma	11.4
Cardio-vascular	12.8
Low Birth Weights	38.2
Socioeconomic Factor Indicators	—
Education	23.7
Housing	47.6
Linguistic	55.1
Poverty	25.3
Unemployment	41.8

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	87.24496343

Employed	91.37687668
Median HI	78.04439882
Education	—
Bachelor's or higher	80.88027717
High school enrollment	100
Preschool enrollment	76.50455537
Transportation	—
Auto Access	76.73553189
Active commuting	16.51482099
Social	—
2-parent households	47.27319389
Voting	53.2144232
Neighborhood	—
Alcohol availability	74.63107917
Park access	81.35506224
Retail density	81.68869498
Supermarket access	35.3137431
Tree canopy	67.04735019
Housing	—
Homeownership	65.03272167
Housing habitability	66.27742846
Low-inc homeowner severe housing cost burden	43.08995252
Low-inc renter severe housing cost burden	52.02104453
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	90.41447453
Arthritis	0.0
Asthma ER Admissions	84.1

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	76.1
Cognitively Disabled	18.3
Physically Disabled	50.9
Heart Attack ER Admissions	73.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	69.2
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	0.4
SLR Inundation Area	0.0
Children	65.5
Elderly	24.3
English Speaking	57.9
Foreign-born	62.8
Outdoor Workers	93.3

Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.0
Traffic Density	92.7
Traffic Access	60.0
Other Indices	—
Hardship	18.2
Other Decision Support	—
2016 Voting	80.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	25.0
Healthy Places Index Score for Project Location (b)	84.0
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	User defined inputs based on site plan and applicant provided data needs.
Construction: Construction Phases	Schedule provided by Project Applicant in consultation with Project contractor
Construction: Off-Road Equipment	Data provided by Applicant
Construction: Demolition	Based on Applicant Provided data re: Existing uses
Construction: Paving	Paving area added for internal drive aisles and parking garage
Operations: Hearths	No fire places or wood stoves are proposed
Operations: Energy Use	All electric development. Project natural gas use was converted to kWh and added to projected electrical consumption
Operations: Vehicle Data	Trip rates adjusted to be consistent with TIA. SFR trips divided evenly across the three SFR uses. No changes made to default trip lengths/trip types.
Construction: Off-Road Equipment EF	Crushing/Proc. Equipment EFs adjusted to represent a rock crusher powered by a diesel generator.
Construction: Dust From Material Movement	Based on applicant provided data.
Construction: Architectural Coatings	SCAQMD Super Compliant Paint shall be used for all residential interiors and exteriors

APPENDIX 2:
CALEEMOD OPERATIONAL LST EMISSIONS

Terravita (Operational LSTs) Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Terravita (Operational LSTs)
Operational Year	2028
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	6.00
Location	Mill Creek Dr & Ridge Rte Dr, Laguna Hills, CA 92653, USA
County	Orange
City	Laguna Hills
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5929
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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
Single Family Housing	46.0	Dwelling Unit	3.24	142,669	87,990	—	137	Lot 1 - Single Family Attached "A"

Single Family Housing	108	Dwelling Unit	5.47	279,900	54,700	—	322	Lot 2 - Single Family Attached "B"
Single Family Housing	100	Dwelling Unit	6.62	308,650	8,193	—	298	Lot 3 - Single Family Attached "C"
Apartments Mid Rise	210	Dwelling Unit	2.40	233,418	0.00	—	626	Lot 4 Multi-Family
City Park	0.38	Acre	0.38	0.00	16,552	16,552	—	Lot A - Terrace Park
City Park	0.40	Acre	0.40	0.00	17,424	17,424	—	Lot B - Corner Park
Other Asphalt Surfaces	4.33	Acre	0.00	0.00	0.00	—	—	Internal Drive Aisles
Enclosed Parking with Elevator	161	1000sqft	0.00	161,000	0.00	—	—	MFR Parking Structure

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	33.3	2.39	51.1	0.01	0.04	0.69	0.73	0.03	0.17	0.21	0.34	8.92	6,978
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	29.8	2.25	20.3	0.01	0.02	0.69	0.70	0.01	0.17	0.19	0.35	6.96	6,859
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.2	2.17	40.4	0.01	0.03	0.60	0.64	0.03	0.15	0.18	0.32	7.67	6,784

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.70	0.40	7.38	< 0.005	0.01	0.11	0.12	< 0.005	0.03	0.03	0.05	1.27	1,123

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.53	2.08	17.8	0.01	0.02	0.69	0.70	0.01	0.17	0.19	0.22	2.01	1,294
Area	25.8	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	33.3	2.39	51.1	0.01	0.04	0.69	0.73	0.03	0.17	0.21	0.34	8.92	6,978
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.47	2.25	20.3	0.01	0.02	0.69	0.70	0.01	0.17	0.19	0.23	0.05	1,275
Area	22.3	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	29.8	2.25	20.3	0.01	0.02	0.69	0.70	0.01	0.17	0.19	0.35	6.96	6,859
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.53	1.96	17.6	0.01	0.01	0.60	0.62	0.01	0.15	0.17	0.20	0.77	1,131

Area	24.7	0.21	22.9	< 0.005	0.02	—	0.02	0.01	—	0.01	< 0.005	—	68.2
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	31.2	2.17	40.4	0.01	0.03	0.60	0.64	0.03	0.15	0.18	0.32	7.67	6,784
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.19	0.36	3.21	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	0.03	0.13	187
Area	4.50	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.01	—	755
Water	—	—	—	—	—	—	—	—	—	—	0.01	—	56.7
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	111
Refrig.	—	—	—	—	—	—	—	—	—	—	—	1.14	1.14
Total	5.70	0.40	7.38	< 0.005	0.01	0.11	0.12	< 0.005	0.03	0.03	0.05	1.27	1,123

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	4.43	1.23	10.5	0.01	0.01	0.40	0.41	0.01	0.10	0.11	0.13	1.18	761
Apartments Mid Rise	3.10	0.86	7.32	< 0.005	0.01	0.28	0.29	0.01	0.07	0.08	0.09	0.83	533

City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	7.53	2.08	17.8	0.01	0.02	0.69	0.70	0.01	0.17	0.19	0.22	2.01	1,294
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	4.39	1.32	12.0	0.01	0.01	0.40	0.41	0.01	0.10	0.11	0.14	0.03	750
Apartments Mid Rise	3.07	0.92	8.37	< 0.005	0.01	0.28	0.29	0.01	0.07	0.08	0.10	0.02	525
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	7.47	2.25	20.3	0.01	0.02	0.69	0.70	0.01	0.17	0.19	0.23	0.05	1,275
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.78	0.23	2.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	0.02	0.08	122
Apartments Mid Rise	0.42	0.12	1.12	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.01	0.04	65.3
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Enclosed Parking with Elevator	0.00	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	1.19	0.36	3.21	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	0.03	0.13	187

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.02	—	2,566
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	1,127
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.01	—	869
Total	—	—	—	—	—	—	—	—	—	—	0.03	—	4,563
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.02	—	2,566
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	1,127

City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.01	—	869
Total	—	—	—	—	—	—	—	—	—	—	0.03	—	4,563
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	< 0.005	—	425
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	< 0.005	—	187
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	< 0.005	—	144
Total	—	—	—	—	—	—	—	—	—	—	0.01	—	755

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00

Enclosed Parking with Elevator	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

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.7	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.65	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.44	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Total	25.8	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.7	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.65	—	—	—	—	—	—	—	—	—	—	—	—
Total	22.3	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.77	—	—	—	—	—	—	—	—	—	—	—	—

Architecture I	0.30	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.43	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3
Total	4.50	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.05	—	192
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.04	—	143
City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	7.60
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.05	—	192

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.04	—	143
City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	7.60
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.01	—	31.8
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	23.7
City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	1.26
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.01	—	56.7

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	379
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	293
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.13
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	379
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	293
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.13
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	62.7
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	48.5

City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.02
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	111

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.24	5.24
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67	1.67
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.24	5.24
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67	1.67
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	0.87	0.87
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.14	1.14

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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

5.9. 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
Single Family Housing	628	634	569	226,569	189	190	171	67,971
Single Family Housing	629	634	569	226,609	189	190	171	67,983
Single Family Housing	628	634	569	226,456	188	190	171	67,937
Apartments Mid Rise	956	861	1,331	363,431	287	258	399	109,029
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	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)
1953389.9249999998	651,130	0.00	0.00	—

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)
Single Family Housing	317,694	532	0.0330	0.0040	0.00
Single Family Housing	745,889	532	0.0330	0.0040	0.00
Single Family Housing	690,638	532	0.0330	0.0040	0.00
Apartments Mid Rise	770,509	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	532	0.0330	0.0040	0.00
Enclosed Parking with Elevator	594,320	532	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)
Single Family Housing	1,726,180	1,393,802
Single Family Housing	4,052,770	866,473
Single Family Housing	3,752,565	129,781
Apartments Mid Rise	7,880,387	0.00

City Park	0.00	476,711
City Park	0.00	501,826
Other Asphalt Surfaces	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	36.3	—
Single Family Housing	85.4	—
Single Family Housing	79.1	—
Apartments Mid Rise	155	—
City Park	0.03	—
City Park	0.03	—
Other Asphalt Surfaces	0.00	—
Enclosed Parking with Elevator	0.00	—

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
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

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	8.79	annual days of extreme heat
Extreme Precipitation	4.15	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.32	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 $\frac{3}{4}$ 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	1	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	1	1	1	2
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	64.7

AQ-PM	50.7
AQ-DPM	41.1
Drinking Water	40.5
Lead Risk Housing	22.8
Pesticides	0.00
Toxic Releases	63.7
Traffic	85.8
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	41.8
Impaired Water Bodies	77.3
Solid Waste	9.67
Sensitive Population	—
Asthma	11.4
Cardio-vascular	12.8
Low Birth Weights	38.2
Socioeconomic Factor Indicators	—
Education	23.7
Housing	47.6
Linguistic	55.1
Poverty	25.3
Unemployment	41.8

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	87.24496343
Employed	91.37687668
Median HI	78.04439882
Education	—
Bachelor's or higher	80.88027717
High school enrollment	100
Preschool enrollment	76.50455537
Transportation	—
Auto Access	76.73553189
Active commuting	16.51482099
Social	—
2-parent households	47.27319389
Voting	53.2144232
Neighborhood	—
Alcohol availability	74.63107917
Park access	81.35506224
Retail density	81.68869498
Supermarket access	35.3137431
Tree canopy	67.04735019
Housing	—
Homeownership	65.03272167
Housing habitability	66.27742846
Low-inc homeowner severe housing cost burden	43.08995252
Low-inc renter severe housing cost burden	52.02104453
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	90.41447453
Arthritis	0.0

Asthma ER Admissions	84.1
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	76.1
Cognitively Disabled	18.3
Physically Disabled	50.9
Heart Attack ER Admissions	73.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	69.2
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	0.4
SLR Inundation Area	0.0
Children	65.5
Elderly	24.3
English Speaking	57.9
Foreign-born	62.8

Outdoor Workers	93.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.0
Traffic Density	92.7
Traffic Access	60.0
Other Indices	—
Hardship	18.2
Other Decision Support	—
2016 Voting	80.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	25.0
Healthy Places Index Score for Project Location (b)	84.0
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	User defined inputs based on site plan and applicant provided data needs.
Construction: Construction Phases	Schedule provided by Project Applicant in consultation with Project contractor
Construction: Off-Road Equipment	Data provided by Applicant
Construction: Demolition	Based on Applicant Provided data re: Existing uses
Construction: Paving	Paving area added for internal drive aisles and parking garage
Operations: Hearths	No fire places or wood stoves are proposed
Operations: Energy Use	All electric development. Project natural gas use was converted to kWh and added to projected electrical consumption
Operations: Vehicle Data	Trip rates adjusted to be consistent with TIA. SFR trips divided evenly across the three SFR uses. No changes made to default trip lengths/trip types.
Construction: Off-Road Equipment EF	Crushing/Proc. Equipment EFs adjusted to represent a rock crusher powered by a diesel generator.
Construction: Dust From Material Movement	Based on applicant provided data.
Construction: Architectural Coatings	SCAQMD Super Compliant Paint shall be used for all residential interiors and exteriors

APPENDIX 3:

CALEEMod AERMOD CONSTRUCTION AND OPERATIONAL LST OUTPUTS

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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: 3/5/2025
** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Con LST CO Tier 4\Con
LST CO Tier 4.ADI
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** AERMOD Control Pathway
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CO STARTING
  TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  URBANOPT 3135755 County_of_Orange
  POLLUTID CO
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "Con LST CO Tier 4.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1      VOLUME      431744.348  3720778.946  108.580
LOCATION VOL2      VOLUME      431744.151  3720719.793  110.190
LOCATION VOL3      VOLUME      431804.263  3720766.504  107.220
LOCATION VOL4      VOLUME      431777.461  3720706.392  110.210
LOCATION VOL5      VOLUME      431838.722  3720705.627  105.240
LOCATION VOL6      VOLUME      431871.266  3720796.369   98.590
LOCATION VOL7      VOLUME      431859.014  3720765.355  106.310
LOCATION VOL8      VOLUME      431919.509  3720735.491   97.360
LOCATION VOL9      VOLUME      431859.397  3720645.515  105.340
LOCATION VOL10     VOLUME      431899.599  3720704.861  103.630
LOCATION VOL11     VOLUME      431793.159  3720683.037  110.180
LOCATION VOL12     VOLUME      431854.803  3720601.867  105.740

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LOCATION VOL13	VOLUME	431870.501	3720581.957	104.710
LOCATION VOL14	VOLUME	431888.879	3720564.728	103.860
LOCATION VOL15	VOLUME	431907.640	3720544.818	102.020
LOCATION VOL16	VOLUME	431922.189	3720525.291	101.430
LOCATION VOL17	VOLUME	431942.864	3720464.414	99.890
LOCATION VOL18	VOLUME	431957.797	3720425.360	100.120
LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630
LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310

** Source Parameters **

SRCPARAM VOL1	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL2	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL3	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL4	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL5	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL6	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL7	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL8	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL9	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL10	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL11	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL12	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL13	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL14	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL15	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL16	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL17	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL18	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL19	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL20	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL21	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL22	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL23	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL24	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL25	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL26	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL27	0.0212285615	5.000	13.891	1.400

SRCPARAM VOL28	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL29	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL30	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL31	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL32	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL33	0.0212285615	5.000	13.891	1.400
SRCPARAM VOL34	0.0212285615	5.000	13.891	1.400
URBANSRC ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT VOL1	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT VOL2	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT VOL3	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT VOL3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL4	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL5	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL6	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL7	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL8	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL9	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL10	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0

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**	EMISFACT VOL16		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	WeekDays:								
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL17		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL17		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL18		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL18		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL19		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL19		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT VOL20		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL20		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL20		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0

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**	EMISFACT	VOL23		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:										
	EMISFACT	VOL23		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL23		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL23		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL23		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays :										
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL24		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:										
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:										
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL24		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays :										
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL25		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:										
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:										
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL25		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays :										
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL26		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL26		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:										
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:										
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

**	EMISFACT VOL26		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	WeekDays:								
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL27		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL27		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL28		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL28		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL29		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL29		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT VOL30		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT VOL30		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT VOL30		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0

[illegible]

```

    EMISFACT VOL33          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT VOL33          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL33          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL33          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL33          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL34          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL

```

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "Con LST C0 Tier 4.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE MSVJ_V11_trimmed.sfc

PROFFILE MSVJ_V11_trimmed.pfl

SURFDATA 93184 2017

UAIRDATA 3190 2017

SITEDATA 60592022 2017

PROFBASE 168.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 8 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "CON LST CO TIER 4.AD\01H1GALL.PLT" 31

PLOTFILE 8 ALL 1ST "CON LST CO TIER 4.AD\08H1GALL.PLT" 32

SUMMFILE "Con LST CO Tier 4.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 644 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50

ME W187 644 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

- - - - -
- - - - -

** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 34 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * 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: 34 Source(s); 1 Source Group(s); and 97
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 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: 22112

**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

Hours

m for Missing

and Missing Hours

b for Both Calm

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 168.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Con LST CO Tier 4.err

**File for Summary of Results: Con LST CO Tier 4.sum

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	AIRCRAFT				
SZ	SOURCE	SCALAR	VARY	X	Y	ELEV.	HEIGHT	SY
ID		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						

VOL1		0	0.21229E-01	431744.3	3720778.9	108.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL2		0	0.21229E-01	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL3		0	0.21229E-01	431804.3	3720766.5	107.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL4		0	0.21229E-01	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES	HRDOW	NO					

VOL5		0	0.21229E-01	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL6		0	0.21229E-01	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL7		0	0.21229E-01	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL8		0	0.21229E-01	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL9		0	0.21229E-01	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL10		0	0.21229E-01	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL11		0	0.21229E-01	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL12		0	0.21229E-01	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL13		0	0.21229E-01	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL14		0	0.21229E-01	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL15		0	0.21229E-01	431907.6	3720544.8	102.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL16		0	0.21229E-01	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL17		0	0.21229E-01	431942.9	3720464.4	99.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL18		0	0.21229E-01	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL19		0	0.21229E-01	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL20		0	0.21229E-01	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL21		0	0.21229E-01	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL22		0	0.21229E-01	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL23		0	0.21229E-01	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL24		0	0.21229E-01	431983.8	3720524.9	100.8	5.00	13.89
1.40	YES	HRDOW	NO					
VOL25		0	0.21229E-01	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL26		0	0.21229E-01	432027.9	3720489.3	99.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL27		0	0.21229E-01	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL28		0	0.21229E-01	431968.5	3720585.0	102.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL29		0	0.21229E-01	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES	HRDOW	NO					

VOL30		0	0.21229E-01	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL31		0	0.21229E-01	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL32		0	0.21229E-01	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES	HRDOW	NO					
VOL33		0	0.21229E-01	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL34		0	0.21229E-01	431980.9	3720645.9	102.3	5.00	13.89
1.40	YES	HRDOW	NO					

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	,			
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			
	VOL33	, VOL34	,			

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

VOL5 3135755. VOL1 , VOL2 , VOL3 , VOL4 ,
VOL8 , VOL6 , VOL7 ,
VOL14 VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL22 , VOL15 , VOL16 ,
VOL22 VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL30 , VOL23 , VOL24 ,
VOL30 VOL25 , VOL26 , VOL27 , VOL28 , VOL29 ,
VOL30 , VOL31 , VOL32 ,

 VOL33 , VOL34 ,
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL2				; SOURCE TYPE = VOLUME					
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL3          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***      03/05/25
*** AERMET - VERSION 22112 ***      ***
***                                     ***

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL4          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
***                                     13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
  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 .0000E+00  7 .0000E+00  8 .0000E+00
    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 .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 = 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

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^ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
***                                     13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW) *

```
SOURCE ID = VOL7          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
***                                     13:17:05
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
SOURCE ID = VOL8          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:17:05

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL13				; SOURCE TYPE = VOLUME					
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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				

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 *** 13:17:05

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
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 .0000E+00  7 .0000E+00  8 .0000E+00
  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 .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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
  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 .0000E+00  7 .0000E+00  8 .0000E+00
  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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:17:05

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 *** 13:17:05

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = 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				

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 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				

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	.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 = 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				

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :									
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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

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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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :
  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  .0000E+00  7  .0000E+00  8  .0000E+00
   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  .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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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*** 13:17:05

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
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 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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
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 *** AERMET - VERSION 22112 *** ***
 *** 13:17:05

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(431824.5, 3720637.6, 107.7, 110.4, 2.0); (431839.6,
 3720538.4, 103.2, 125.7, 2.0);
 (431848.4, 3720506.3, 102.3, 125.7, 2.0); (431808.0,
 3720544.2, 103.9, 126.8, 2.0);
 (432072.5, 3720450.4, 95.2, 100.9, 2.0); (432046.4,
 3720409.1, 94.0, 111.4, 2.0);
 (432081.4, 3720460.0, 95.4, 100.9, 2.0); (432108.8,
 3720474.0, 93.4, 101.0, 2.0);
 (431818.1, 3720498.9, 104.4, 126.8, 2.0); (431824.9,
 3720465.1, 105.1, 125.7, 2.0);
 (431746.9, 3720630.1, 108.4, 108.4, 2.0); (431718.9,

3720636.9,	111.0,	111.0,	2.0);		
(431769.9,	3720571.0,	107.0,	126.8,	2.0);	(431828.5,
3720830.3,	96.2,	114.8,	2.0);		
(431795.6,	3720851.9,	97.6,	110.2,	2.0);	(431709.9,
3720687.8,	110.8,	118.8,	2.0);		
(431720.7,	3720650.8,	110.9,	112.0,	2.0);	(431690.1,
3720613.4,	113.1,	125.2,	2.0);		
(431685.5,	3720648.1,	114.0,	114.0,	2.0);	(431653.1,
3720714.9,	116.8,	116.8,	2.0);		
(431660.8,	3720740.1,	114.9,	114.9,	2.0);	(431667.1,
3720767.2,	111.5,	114.8,	2.0);		
(431672.5,	3720800.1,	108.8,	114.8,	2.0);	(431676.1,
3720826.2,	105.7,	114.8,	2.0);		
(431680.1,	3720851.9,	103.2,	114.8,	2.0);	(433382.6,
3721167.4,	93.2,	93.2,	2.0);		
(433341.1,	3721247.7,	91.2,	91.2,	2.0);	(433323.1,
3721251.3,	91.2,	91.2,	2.0);		
(432993.0,	3721124.6,	86.1,	95.7,	2.0);	(432819.8,
3721275.6,	85.5,	85.5,	2.0);		
(432735.5,	3721287.8,	84.4,	84.4,	2.0);	(432701.7,
3721285.6,	83.2,	83.2,	2.0);		
(432888.8,	3721184.5,	86.9,	86.9,	2.0);	(432798.6,
3721183.2,	84.5,	84.5,	2.0);		
(432741.4,	3721201.7,	83.7,	83.7,	2.0);	(432669.7,
3721211.6,	82.8,	82.8,	2.0);		
(432802.7,	3721413.2,	86.1,	86.1,	2.0);	(432674.6,
3721290.5,	83.1,	83.1,	2.0);		
(432613.3,	3721308.1,	82.2,	82.2,	2.0);	(432550.6,
3721318.9,	82.6,	82.6,	2.0);		
(432615.1,	3721232.8,	82.0,	82.0,	2.0);	(432534.8,
3721218.8,	81.0,	81.0,	2.0);		
(432382.0,	3721246.8,	81.1,	81.1,	2.0);	(432414.0,
3721344.2,	82.8,	82.8,	2.0);		
(432490.2,	3721330.6,	81.6,	81.6,	2.0);	(432375.6,
3721348.2,	83.8,	83.8,	2.0);		
(432365.7,	3721270.2,	81.3,	81.3,	2.0);	(432314.8,
3721271.1,	80.8,	80.8,	2.0);		
(432246.7,	3721271.1,	79.6,	79.6,	2.0);	(432302.6,
3721208.4,	80.2,	80.2,	2.0);		
(432234.0,	3721217.0,	79.3,	79.3,	2.0);	(432247.1,
3721360.0,	83.1,	83.1,	2.0);		
(432356.7,	3721352.8,	84.2,	84.2,	2.0);	(432289.1,
3721101.1,	79.0,	79.0,	2.0);		
(432217.8,	3721121.9,	78.9,	78.9,	2.0);	(432214.7,
3721047.4,	77.7,	77.7,	2.0);		
(432280.0,	3721039.8,	80.5,	80.5,	2.0);	(432195.3,
3720984.3,	79.8,	79.8,	2.0);		
(432188.0,	3720943.7,	80.2,	88.0,	2.0);	(432244.0,
3720808.9,	84.3,	85.5,	2.0);		
(432150.6,	3720733.1,	88.8,	88.8,	2.0);	(432249.8,

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3720693.0,      88.1,      88.1,      2.0);
( 432207.0, 3720559.1,      88.1,      88.1,      2.0);      ( 432232.7,
3720348.5,      91.2,      115.5,      2.0);
( 432180.4, 3720350.7,      90.9,      115.5,      2.0);      ( 432183.1,
3720281.3,      93.2,      115.5,      2.0);
( 432236.8, 3720646.5,      88.0,      88.0,      2.0);      ( 432042.8,
3720348.5,      99.4,      111.4,      2.0);
( 431941.4, 3720348.5,      108.7,      111.4,      2.0);      ( 431888.6,
3720357.5,      108.2,      111.6,      2.0);
( 431923.3, 3720345.3,      110.2,      110.2,      2.0);      ( 431907.1,
3720352.5,      108.6,      111.1,      2.0);
( 431851.2, 3720360.6,      109.5,      111.6,      2.0);      ( 431852.2,
3720441.9,      102.3,      125.7,      2.0);
( 431852.1, 3720489.0,      101.7,      126.8,      2.0);      ( 431845.1,
3720523.7,      102.7,      125.7,      2.0);
( 431823.3, 3720473.9,      105.0,      125.7,      2.0);      ( 431823.9,
3720457.8,      105.3,      125.7,      2.0);
( 431793.3, 3720942.3,      92.0,      109.9,      2.0);      ( 431690.6,
3720987.2,      88.7,      124.1,      2.0);
( 431681.0, 3720921.2,      97.7,      109.5,      2.0);      ( 432011.4,
3720873.3,      86.6,      109.9,      2.0);
( 432052.1, 3720849.9,      87.3,      109.9,      2.0);      ( 432084.7,
3720824.6,      87.4,      87.4,      2.0);
( 432095.0, 3720762.2,      88.3,      89.5,      2.0);      ( 432128.0,
3720889.4,      88.0,      88.0,      2.0);
( 432095.8, 3720936.2,      84.7,      90.0,      2.0);      ( 431860.1,
3720941.7,      81.2,      124.1,      2.0);
( 431774.9, 3721018.6,      79.6,      124.1,      2.0);      ( 431864.4,
3720908.4,      82.7,      124.1,      2.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 431846.9, 3720964.6,      82.2,      124.1,      2.0);      ( 431144.8,
3719945.8,      113.4,      113.4,      2.0);
( 431157.2, 3719933.1,      113.9,      113.9,      2.0);      ( 431994.4,
3719146.8,      148.9,      148.9,      2.0);
( 431999.7, 3719120.5,      149.2,      149.2,      2.0);      ( 434516.5,
3720617.5,      115.5,      115.5,      2.0);
( 434406.1, 3720633.4,      113.7,      113.7,      2.0);

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Met Version: 22112
Profile file: MSVJ_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184
Name: UNKNOWN

Upper air station no.: 3190
Name: UNKNOWN

Year: 2017

Year: 2017

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							
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20	
1.00	0.86	69.	10.0	280.0	9.0									
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20	
1.00	0.90	61.	10.0	279.7	9.0									
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20	
1.00	1.34	69.	10.0	280.4	9.0									
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20	
1.00	0.80	67.	10.0	279.9	9.0									
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20	
1.00	0.86	113.	10.0	279.8	9.0									
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20	
1.00	1.26	92.	10.0	279.9	9.0									
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20	
1.00	1.14	86.	10.0	279.8	9.0									
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20	
0.53	1.00	98.	10.0	280.2	9.0									
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20	
0.31	1.12	106.	10.0	283.2	9.0									
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20	
0.24	1.45	159.	10.0	285.0	9.0									
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20	
0.21	2.23	183.	10.0	285.5	9.0									
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20	
0.20	1.83	200.	10.0	286.2	9.0									
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20	
0.20	2.51	225.	10.0	286.6	9.0									
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20	
0.21	3.44	205.	10.0	286.5	9.0									
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20	
0.25	2.57	199.	10.0	286.4	9.0									
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20	
0.33	2.68	195.	10.0	286.5	9.0									
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20	

0.61	2.33	190.	10.0	285.5	9.0								
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00	1.29	162.	10.0	284.2	9.0								
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00	1.25	117.	10.0	283.5	9.0								
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00	1.46	104.	10.0	283.4	9.0								
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00	1.44	120.	10.0	284.0	9.0								
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00	1.34	127.	10.0	284.3	9.0								
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00	1.19	128.	10.0	284.0	9.0								
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00	1.52	129.	10.0	283.9	9.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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 03/05/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** 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)		

431824.47	3720637.57	116.32325	(21121316)		431839.58
3720538.42	87.63486	(17011216)			
431848.44	3720506.30	69.05004	(17011216)		431808.02
3720544.24	67.13503	(17011216)			
432072.45	3720450.37	86.39282	(21122216)		432046.42
3720409.11	75.46316	(17010316)			
432081.39	3720459.96	84.64962	(21122216)		432108.76
3720473.97	73.34728	(21122216)			
431818.11	3720498.90	52.81511	(17011216)		431824.87
3720465.08	40.43254	(17011216)			
431746.87	3720630.10	41.83233	(17011216)		431718.91
3720636.87	41.80747	(17011216)			
431769.86	3720571.04	42.66294	(21122316)		431828.48
3720830.29	96.49627	(21121316)			
431795.56	3720851.94	72.19016	(21121316)		431709.90
3720687.81	65.70409	(17011216)			
431720.72	3720650.84	49.86868	(17011216)		431690.06
3720613.42	29.15965	(17011216)			
431685.55	3720648.14	38.30089	(17011216)		431653.09
3720714.87	30.94759	(19112715)			
431660.75	3720740.12	34.27808	(19112715)		431667.06
3720767.17	34.37669	(21122916)			
431672.47	3720800.08	46.13440	(21122916)		431676.08
3720826.23	53.85359	(21123016)			
431680.14	3720851.94	59.02148	(21121316)		433382.64
3721167.41	1.08728	(19021413)			
433341.15	3721247.68	1.03104	(19021413)		433323.12
3721251.28	1.02997	(19021413)			
432993.01	3721124.56	1.66960	(19011716)		432819.84
3721275.64	3.11188	(19011716)			
432735.51	3721287.81	3.22995	(19011716)		432701.69
3721285.56	3.25968	(19011716)			
432888.84	3721184.54	2.71129	(19011716)		432798.65
3721183.19	3.31006	(19011716)			
432741.38	3721201.68	3.59885	(19011716)		432669.67
3721211.60	3.79067	(19011716)			
432802.71	3721413.18	2.47526	(19011716)		432674.64
3721290.52	3.21252	(19011716)			
432613.30	3721308.11	3.05776	(20012116)		432550.62
3721318.93	3.22996	(20012116)			
432615.11	3721232.79	3.67521	(19011716)		432534.84
3721218.82	3.82648	(20012116)			
432381.96	3721246.77	4.02809	(20012116)		432413.98
3721344.18	3.33618	(17112816)			
432490.19	3721330.65	3.23525	(20012116)		432375.65
3721348.24	3.81897	(17112816)			
432365.73	3721270.22	4.05553	(17112816)		432314.77
3721271.13	4.79347	(17112816)			

432246.67	3721271.13	5.47603	(17112816)	432302.59
3721208.44	5.22269	(17112816)		
432234.05	3721217.01	6.07761	(17112816)	432247.12
3721359.97	4.68712	(17112816)		
432356.71	3721352.75	4.02232	(17112816)	432289.06
3721101.11	6.23728	(20012116)		
432217.81	3721121.86	7.23651	(17112816)	432214.66
3721047.45	8.04868	(17112816)		
432280.04	3721039.78	7.46313	(20012116)	432195.26
3720984.32	9.40430	(20012116)		
432188.05	3720943.73	10.72614	(20012116)	432243.97
3720808.89	14.41410	(19011716)		
432150.62	3720733.13	23.44368	(19011716)	432249.83
3720693.00	19.06868	(19123016)		
432206.99	3720559.06	44.70993	(19123016)	432232.69
3720348.46	27.16064	(21122216)		
432180.38	3720350.72	33.36202	(21122216)	432183.09
3720281.27	23.53335	(21122216)		
432236.75	3720646.55	25.52508	(19123016)	432042.84
3720348.46	58.99557	(17010316)		
431941.37	3720348.46	46.98920	(17011016)	431888.61
3720357.48	29.47616	(19120615)		
431923.34	3720345.30	36.97198	(17011016)	431907.10
3720352.52	32.75431	(17011016)		
431851.18	3720360.64	30.47404	(17011216)	431852.21
3720441.91	43.51438	(17011216)		
431852.07	3720489.04	58.11350	(17011216)	431845.13
3720523.74	79.88247	(17011216)		
431823.30	3720473.86	43.15690	(17011216)	431823.88
3720457.81	38.33914	(17011216)		
431793.30	3720942.34	39.52202	(19112016)	431690.56
3720987.19	35.50281	(21121316)		

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 Terravita\16380 Terravita.is *** 03/05/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** 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)		
431680.98	3720921.25	46.49656 (21121316)	432011.44
3720873.33	21.95946 (17010916)		
432052.07	3720849.95	20.31023 (17010916)	432084.66
3720824.64	19.71809 (20012116)		
432095.01	3720762.16	24.72406 (19011716)	432127.98
3720889.43	14.37967 (20012116)		
432095.77	3720936.20	13.66005 (17112816)	431860.12
3720941.68	40.10207 (19120616)		
431774.93	3721018.65	26.25064 (19112016)	431864.43
3720908.43	48.06311 (19120616)		
431846.93	3720964.64	36.87710 (19120616)	431144.82
3719945.78	2.66394 (17011216)		
431157.20	3719933.07	2.47256 (17011216)	431994.43
3719146.82	1.34924 (20121816)		
431999.70	3719120.50	1.30768 (20121816)	434516.47
3720617.48	1.32794 (21121616)		
434406.06	3720633.41	1.28189 (21121616)	

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** 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)		
431824.47	3720637.57	49.14569	(21123016)	431839.58
3720538.42	32.56031	(21122316)		
431848.44	3720506.30	23.89355	(21122316)	431808.02
3720544.24	23.78126	(21122316)		
432072.45	3720450.37	32.25947	(17122216)	432046.42
3720409.11	28.05322	(18110716)		
432081.39	3720459.96	31.85080c	(21122016)	432108.76
3720473.97	25.69487c	(21122016)		
431818.11	3720498.90	17.14702	(19123116)	431824.87
3720465.08	14.95476	(19123116)		
431746.87	3720630.10	17.89616	(21122316)	431718.91
3720636.87	14.67187	(21122316)		
431769.86	3720571.04	18.65843	(21122316)	431828.48
3720830.29	33.89682	(21121316)		
431795.56	3720851.94	24.83538	(21121316)	431709.90
3720687.81	24.68075	(21122316)		
431720.72	3720650.84	17.08225	(21122316)	431690.06
3720613.42	10.37079	(21122316)		
431685.55	3720648.14	12.40771	(21122316)	431653.09
3720714.87	12.99746	(21122316)		
431660.75	3720740.12	13.71921	(21122316)	431667.06
3720767.17	16.44382	(21123016)		
431672.47	3720800.08	19.79082	(21123016)	431676.08
3720826.23	20.09524	(21123016)		
431680.14	3720851.94	18.31870	(21123016)	433382.64
3721167.41	0.31884	(17011916)		
433341.15	3721247.68	0.33697	(17011916)	433323.12
3721251.28	0.34345	(17011916)		
432993.01	3721124.56	0.53894	(17011916)	432819.84
3721275.64	0.94661	(19011716)		
432735.51	3721287.81	1.07684	(19011716)	432701.69
3721285.56	1.12850	(19011716)		
432888.84	3721184.54	0.75811	(19011716)	432798.65
3721183.19	0.96703	(19011716)		
432741.38	3721201.68	1.11000	(19011716)	432669.67
3721211.60	1.26627	(19011716)		
432802.71	3721413.18	0.87196	(19011716)	432674.64
3721290.52	1.15854	(19011716)		
432613.30	3721308.11	1.19495	(19061716)	432550.62
3721318.93	1.30728	(19051516)		
432615.11	3721232.79	1.34431	(19011716)	432534.84
3721218.82	1.51362	(19011716)		

432381.96	3721246.77	2.00642	(19051516)	432413.98
3721344.18	1.64523	(19051516)		
432490.19	3721330.65	1.48670	(19051516)	432375.65
3721348.24	1.69136	(19051516)		
432365.73	3721270.22	1.97712	(19051516)	432314.77
3721271.13	2.07333	(19051516)		
432246.67	3721271.13	2.10137	(19051516)	432302.59
3721208.44	2.40556	(19051516)		
432234.05	3721217.01	2.45498	(19051516)	432247.12
3721359.97	1.66577	(20040616)		
432356.71	3721352.75	1.69366	(19051516)	432289.06
3721101.11	3.04099	(19051516)		
432217.81	3721121.86	3.23146	(19051516)	432214.66
3721047.45	3.92551	(19051516)		
432280.04	3721039.78	3.45784	(19051516)	432195.26
3720984.32	4.77353	(19051516)		
432188.05	3720943.73	5.35860	(19051516)	432243.97
3720808.89	5.90053	(19011716)		
432150.62	3720733.13	11.49887	(19062016)	432249.83
3720693.00	6.53231	(19011716)		
432206.99	3720559.06	9.50655	(18121016)	432232.69
3720348.46	6.30488	(21122216)		
432180.38	3720350.72	9.07530	(17122216)	432183.09
3720281.27	7.50152	(17122216)		
432236.75	3720646.55	6.68545	(19011716)	432042.84
3720348.46	17.36437	(17010316)		
431941.37	3720348.46	16.19970c	(19031116)	431888.61
3720357.48	12.99525	(19123116)		
431923.34	3720345.30	14.88670	(17122116)	431907.10
3720352.52	14.65651	(17122116)		
431851.18	3720360.64	10.08820	(19123116)	431852.21
3720441.91	15.22110	(20020316)		
431852.07	3720489.04	21.31559	(19123116)	431845.13
3720523.74	28.77302	(21122316)		
431823.30	3720473.86	15.56267	(19123116)	431823.88
3720457.81	14.24799	(19123116)		
431793.30	3720942.34	12.54979	(21121316)	431690.56
3720987.19	9.93251	(21121316)		

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,

	VOL6	, VOL7	, VOL8	, VOL9	, VOL10
, VOL11	, VOL12	, VOL13			
	VOL14	, VOL15	, VOL16	, VOL17	, VOL18
, VOL19	, VOL20	, VOL21			
	VOL22	, VOL23	, VOL24	, VOL25	, VOL26
, VOL27	, VOL28	, . . .			

*** 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)		
431680.98	3720921.25	12.82719	(21121316)	432011.44
3720873.33	10.33088	(19051516)		
432052.07	3720849.95	10.51829	(19062016)	432084.66
3720824.64	10.67933	(19062016)		
432095.01	3720762.16	13.47686	(19062016)	432127.98
3720889.43	7.42632	(19051516)		
432095.77	3720936.20	6.76764	(19051516)	431860.12
3720941.68	11.08343	(19011516)		
431774.93	3721018.65	7.35506	(21121316)	431864.43
3720908.43	13.72144	(19011516)		
431846.93	3720964.64	9.98527	(19011516)	431144.82
3719945.78	0.73814	(21012016)		
431157.20	3719933.07	0.70113	(21012016)	431994.43
3719146.82	0.38753c	(19031116)		
431999.70	3719120.50	0.37442c	(19031116)	434516.47
3720617.48	0.20343	(21120916)		
434406.06	3720633.41	0.20988	(21120916)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR

ALL HIGH 1ST HIGH VALUE IS 116.32325 ON 21121316: AT (431824.47,
3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR
RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3
**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR

ALL HIGH 1ST HIGH VALUE IS 49.14569 ON 21123016: AT (431824.47,
3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
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*** AERMET - VERSION 22112 *** ***
*** 13:17:05

*** MODELOPTs: RegDFAULT 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 50 Warning Message(s)
 A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186	644	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
	0.50	
ME W187	644	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W733	1168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017021816		
CN W733	10360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018030816		
CN W733	12400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018060116		
CN W733	19512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019032424		
CN W733	22840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019081016		
CN W733	28024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031316		
CN W733	28048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031416		
CN W733	28072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031516		
CN W733	28096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031616		
CN W733	28504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040216		
CN W733	28528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040316		
CN W733	28624	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2020040716		
CN W733	28936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020042016		
CN W733	33016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100716		
CN W733	33088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101016		
CN W733	33264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101724		
CN W733	33880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111216		
CN W733	34024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111816		
CN W733	34072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112016		
CN W733	34096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112116		
CN W733	34120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112216		
CN W733	34144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112316		
CN W733	34168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112416		
CN W733	34192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112516		
CN W733	34672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020121516		
CN W733	34816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020122116		
CN W733	35272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021010916		
CN W733	35296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011016		
CN W733	35320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011116		
CN W733	35344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011216		
CN W733	35608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012316		
CN W733	35632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012416		
CN W733	35656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012516		
CN W733	36808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031416		
CN W733	37192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021033016		
CN W733	37288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040316		
CN W733	37760	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2021042308		
CN W733	37784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021042408		
CN W733	38752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021060316		
CN W733	39888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072024		
CN W733	39896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072108		
CN W733	40088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072908		
CN W733	40912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021090116		
CN W733	41384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021092108		
CN W733	41800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100816		
CN W733	41824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100916		
CN W733	43272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021120824		
CN W733	43536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021121924		

 *** AERMOD Finishes Successfully ***

** Lakes Environmental AERMOD MPI

**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 13.0.0

** Lakes Environmental Software Inc.

** Date: 3/5/2025

** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Con LST NOx Tier 4\Con LST NOx Tier 4.ADI

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**

**

** AERMOD Control Pathway

**

**

CO STARTING

TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is

MODELOPT DEFAULT CONC

AVERTIME 1

URBANOPT 3135755 County_of_Orange
POLLUTID NOX
FLAGPOLE 2.00
RUNORNOT RUN
ERRORFIL "Con LST NOx Tier 4.err"

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION VOL1	VOLUME	431744.348	3720778.946	108.580
LOCATION VOL2	VOLUME	431744.151	3720719.793	110.190
LOCATION VOL3	VOLUME	431804.263	3720766.504	107.220
LOCATION VOL4	VOLUME	431777.461	3720706.392	110.210
LOCATION VOL5	VOLUME	431838.722	3720705.627	105.240
LOCATION VOL6	VOLUME	431871.266	3720796.369	98.590
LOCATION VOL7	VOLUME	431859.014	3720765.355	106.310
LOCATION VOL8	VOLUME	431919.509	3720735.491	97.360
LOCATION VOL9	VOLUME	431859.397	3720645.515	105.340
LOCATION VOL10	VOLUME	431899.599	3720704.861	103.630
LOCATION VOL11	VOLUME	431793.159	3720683.037	110.180
LOCATION VOL12	VOLUME	431854.803	3720601.867	105.740
LOCATION VOL13	VOLUME	431870.501	3720581.957	104.710
LOCATION VOL14	VOLUME	431888.879	3720564.728	103.860
LOCATION VOL15	VOLUME	431907.640	3720544.818	102.020
LOCATION VOL16	VOLUME	431922.189	3720525.291	101.430
LOCATION VOL17	VOLUME	431942.864	3720464.414	99.890
LOCATION VOL18	VOLUME	431957.797	3720425.360	100.120
LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630
LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310

** Source Parameters **

SRCPARAM	VOL1	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL2	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL3	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL4	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL5	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL6	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL7	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL8	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL9	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL10	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL11	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL12	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL13	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL14	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL15	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL16	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL17	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL18	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL19	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL20	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL21	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL22	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL23	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL24	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL25	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL26	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL27	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL28	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL29	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL30	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL31	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL32	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL33	0.0039242394	5.000	13.891	1.400
SRCPARAM	VOL34	0.0039242394	5.000	13.891	1.400
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL1	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

EMISFACT VOL5	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL5	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL6	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL7	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL8	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL9	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL10	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL11	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL19	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL19	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL20	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL20	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL21	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL21	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL21	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL21	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL21	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL21	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL21	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL21	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL21	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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[illegible]

EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL29	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL29	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL30	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL30	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL31	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL31	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL31	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL32	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL33	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL34	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL	
SO FINISHED	

```

**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Con LST NOx Tier 4.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE MSVJ_V11_trimmed.sfc
  PROFFILE MSVJ_V11_trimmed.pfl
  SURFDATA 93184 2017
  UAIRDATA 3190 2017
  SITEDATA 60592022 2017
  PROFBASE 168.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "CON LST NOX TIER 4.AD\01H1GALL.PLT" 31
  SUMMFILE "Con LST NOx Tier 4.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 644 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50

ME W187 644 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

PAGE 1

*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 34 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: NOX

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 34 Source(s); 1 Source Group(s); and 97
Receptor(s)

```

with:      0 POINT(s), including
           0 POINTCAP(s) and      0 POINTHOR(s)
and:      34 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: 22112
```

****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
b for Both Calm

Hours

and Missing Hours

```

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    168.00 ;  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 = 3.5 MB of RAM.**

```
**Input Runstream File:      aermod.inp
```

```
**Output Print File:      aermod.out
```

****Detailed Error/Message File:** Con LST NOx Tier 4.err

```
**File for Summary of Results:  Con LST NOx Tier 4.sum
```

```

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*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	AIRCRAFT		ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

VOL1		0	0.39242E-02	431744.3	3720778.9	108.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL2		0	0.39242E-02	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL3		0	0.39242E-02	431804.3	3720766.5	107.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL4		0	0.39242E-02	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL5		0	0.39242E-02	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL6		0	0.39242E-02	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL7		0	0.39242E-02	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL8		0	0.39242E-02	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL9		0	0.39242E-02	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL10		0	0.39242E-02	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL11		0	0.39242E-02	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL12		0	0.39242E-02	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL13		0	0.39242E-02	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL14		0	0.39242E-02	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL15		0	0.39242E-02	431907.6	3720544.8	102.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL16		0	0.39242E-02	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL17		0	0.39242E-02	431942.9	3720464.4	99.9	5.00	13.89

1.40	YES	HRDOW	NO					
VOL18		0	0.39242E-02	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL19		0	0.39242E-02	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL20		0	0.39242E-02	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL21		0	0.39242E-02	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL22		0	0.39242E-02	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL23		0	0.39242E-02	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL24		0	0.39242E-02	431983.8	3720524.9	100.8	5.00	13.89
1.40	YES	HRDOW	NO					
VOL25		0	0.39242E-02	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL26		0	0.39242E-02	432027.9	3720489.3	99.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL27		0	0.39242E-02	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL28		0	0.39242E-02	431968.5	3720585.0	102.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL29		0	0.39242E-02	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL30		0	0.39242E-02	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL31		0	0.39242E-02	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL32		0	0.39242E-02	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES	HRDOW	NO					
VOL33		0	0.39242E-02	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL34		0	0.39242E-02	431980.9	3720645.9	102.3	5.00	13.89
1.40	YES	HRDOW	NO					

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	,			
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			
	VOL33	, VOL34	,			

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----				
	3135755.	VOL1	, VOL2	, VOL3	, VOL4	,
VOL5	, VOL6	, VOL7	,			
VOL8	,					
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			
	VOL33	, VOL34	,			

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00

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	.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 = 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				

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL3				; SOURCE TYPE = VOLUME					
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :
  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  .0000E+00  7  .0000E+00  8  .0000E+00
   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  .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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL5          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL6          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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


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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
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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
  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 .0000E+00 7 .0000E+00 8 .0000E+00
  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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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 *** 13:13:17

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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				

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 *** AERMET - VERSION 22112 ***
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 03/05/25
 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = 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
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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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	.1000E+01	10	.1000E+01
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	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 = WEEKDAY

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	.1000E+01	10	.1000E+01
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	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 = 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		

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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 ***
 *** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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	.1000E+01	10	.1000E+01
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	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 = WEEKDAY

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	.1000E+01	10	.1000E+01
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	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 = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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                                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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***      03/05/25
*** AERMET - VERSION 22112 ***      ***
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                                13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

[illegible]

		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			

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
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 .0000E+00  7 .0000E+00  8 .0000E+00
  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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
  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 .0000E+00  7 .0000E+00  8 .0000E+00
  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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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Terravita\16380 Terravita.is *** 03/05/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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
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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
  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   .0000E+00    7 .0000E+00    8 .0000E+00
    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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:13:17

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
 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

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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*** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***      03/05/25
*** AERMET - VERSION 22112 ***      ***
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***                                  13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

SOURCE ID = VOL26				; SOURCE TYPE = VOLUME		:			
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = SATURDAY

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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .0000E+00 18 .0000E+00 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

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^ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL28          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***      03/05/25
*** AERMET - VERSION 22112 ***      ***
***                                     13:13:17

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL29          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
  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 .0000E+00  7 .0000E+00  8 .0000E+00
    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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW) *

```
SOURCE ID = VOL32          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***      03/05/25
*** AERMET - VERSION 22112 ***      ***
***                                     13:13:17
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
SOURCE ID = VOL33          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
***                                     13:13:17

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
  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  .0000E+00    7  .0000E+00    8  .0000E+00
    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 .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 = 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

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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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 431824.5, 3720637.6, 107.7, 110.4, 2.0); ( 431839.6,
3720538.4, 103.2, 125.7, 2.0);
( 431848.4, 3720506.3, 102.3, 125.7, 2.0); ( 431808.0,
3720544.2, 103.9, 126.8, 2.0);
( 432072.5, 3720450.4, 95.2, 100.9, 2.0); ( 432046.4,
3720409.1, 94.0, 111.4, 2.0);
( 432081.4, 3720460.0, 95.4, 100.9, 2.0); ( 432108.8,
3720474.0, 93.4, 101.0, 2.0);
( 431818.1, 3720498.9, 104.4, 126.8, 2.0); ( 431824.9,
3720465.1, 105.1, 125.7, 2.0);
( 431746.9, 3720630.1, 108.4, 108.4, 2.0); ( 431718.9,
3720636.9, 111.0, 111.0, 2.0);
( 431769.9, 3720571.0, 107.0, 126.8, 2.0); ( 431828.5,
3720830.3, 96.2, 114.8, 2.0);
( 431795.6, 3720851.9, 97.6, 110.2, 2.0); ( 431709.9,
3720687.8, 110.8, 118.8, 2.0);
( 431720.7, 3720650.8, 110.9, 112.0, 2.0); ( 431690.1,
3720613.4, 113.1, 125.2, 2.0);
( 431685.5, 3720648.1, 114.0, 114.0, 2.0); ( 431653.1,
3720714.9, 116.8, 116.8, 2.0);
( 431660.8, 3720740.1, 114.9, 114.9, 2.0); ( 431667.1,
3720767.2, 111.5, 114.8, 2.0);
( 431672.5, 3720800.1, 108.8, 114.8, 2.0); ( 431676.1,
3720826.2, 105.7, 114.8, 2.0);
( 431680.1, 3720851.9, 103.2, 114.8, 2.0); ( 433382.6,
3721167.4, 93.2, 93.2, 2.0);
( 433341.1, 3721247.7, 91.2, 91.2, 2.0); ( 433323.1,
3721251.3, 91.2, 91.2, 2.0);
( 432993.0, 3721124.6, 86.1, 95.7, 2.0); ( 432819.8,
3721275.6, 85.5, 85.5, 2.0);
( 432735.5, 3721287.8, 84.4, 84.4, 2.0); ( 432701.7,
3721285.6, 83.2, 83.2, 2.0);
( 432888.8, 3721184.5, 86.9, 86.9, 2.0); ( 432798.6,
3721183.2, 84.5, 84.5, 2.0);
( 432741.4, 3721201.7, 83.7, 83.7, 2.0); ( 432669.7,
3721211.6, 82.8, 82.8, 2.0);

```

(432802.7, 3721413.2,	86.1,	86.1,	2.0);	(432674.6,
3721290.5, 83.1, 83.1,	2.0);			
(432613.3, 3721308.1,	82.2,	82.2,	2.0);	(432550.6,
3721318.9, 82.6, 82.6,	2.0);			
(432615.1, 3721232.8,	82.0,	82.0,	2.0);	(432534.8,
3721218.8, 81.0, 81.0,	2.0);			
(432382.0, 3721246.8,	81.1,	81.1,	2.0);	(432414.0,
3721344.2, 82.8, 82.8,	2.0);			
(432490.2, 3721330.6,	81.6,	81.6,	2.0);	(432375.6,
3721348.2, 83.8, 83.8,	2.0);			
(432365.7, 3721270.2,	81.3,	81.3,	2.0);	(432314.8,
3721271.1, 80.8, 80.8,	2.0);			
(432246.7, 3721271.1,	79.6,	79.6,	2.0);	(432302.6,
3721208.4, 80.2, 80.2,	2.0);			
(432234.0, 3721217.0,	79.3,	79.3,	2.0);	(432247.1,
3721360.0, 83.1, 83.1,	2.0);			
(432356.7, 3721352.8,	84.2,	84.2,	2.0);	(432289.1,
3721101.1, 79.0, 79.0,	2.0);			
(432217.8, 3721121.9,	78.9,	78.9,	2.0);	(432214.7,
3721047.4, 77.7, 77.7,	2.0);			
(432280.0, 3721039.8,	80.5,	80.5,	2.0);	(432195.3,
3720984.3, 79.8, 79.8,	2.0);			
(432188.0, 3720943.7,	80.2,	88.0,	2.0);	(432244.0,
3720808.9, 84.3, 85.5,	2.0);			
(432150.6, 3720733.1,	88.8,	88.8,	2.0);	(432249.8,
3720693.0, 88.1, 88.1,	2.0);			
(432207.0, 3720559.1,	88.1,	88.1,	2.0);	(432232.7,
3720348.5, 91.2, 115.5,	2.0);			
(432180.4, 3720350.7,	90.9,	115.5,	2.0);	(432183.1,
3720281.3, 93.2, 115.5,	2.0);			
(432236.8, 3720646.5,	88.0,	88.0,	2.0);	(432042.8,
3720348.5, 99.4, 111.4,	2.0);			
(431941.4, 3720348.5,	108.7,	111.4,	2.0);	(431888.6,
3720357.5, 108.2, 111.6,	2.0);			
(431923.3, 3720345.3,	110.2,	110.2,	2.0);	(431907.1,
3720352.5, 108.6, 111.1,	2.0);			
(431851.2, 3720360.6,	109.5,	111.6,	2.0);	(431852.2,
3720441.9, 102.3, 125.7,	2.0);			
(431852.1, 3720489.0,	101.7,	126.8,	2.0);	(431845.1,
3720523.7, 102.7, 125.7,	2.0);			
(431823.3, 3720473.9,	105.0,	125.7,	2.0);	(431823.9,
3720457.8, 105.3, 125.7,	2.0);			
(431793.3, 3720942.3,	92.0,	109.9,	2.0);	(431690.6,
3720987.2, 88.7, 124.1,	2.0);			
(431681.0, 3720921.2,	97.7,	109.5,	2.0);	(432011.4,
3720873.3, 86.6, 109.9,	2.0);			
(432052.1, 3720849.9,	87.3,	109.9,	2.0);	(432084.7,
3720824.6, 87.4, 87.4,	2.0);			
(432095.0, 3720762.2,	88.3,	89.5,	2.0);	(432128.0,
3720889.4, 88.0, 88.0,	2.0);			

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.

CATEGORIES ***
*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
(METERS/SEC)

10.80,
1.54, 3.09, 5.14, 8.23,
10.80,
*** AERMOD - VERSION 24142 *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 ***
*** 13:13:17

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

Surface file: MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: MSVJ_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184
Name: UNKNOWN
Year: 2017

Upper air station no.: 3190
Name: UNKNOWN
Year: 2017

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

17 01 01 1 01 -3.5 0.085 -9.000 -9.000 -999. 59. 15.7 0.20 1.20
1.00 0.86 69. 10.0 280.0 9.0
17 01 01 1 02 -3.7 0.087 -9.000 -9.000 -999. 62. 15.9 0.20 1.20
1.00 0.90 61. 10.0 279.7 9.0
17 01 01 1 03 -8.0 0.126 -9.000 -9.000 -999. 107. 22.3 0.20 1.20
1.00 1.34 69. 10.0 280.4 9.0
17 01 01 1 04 -3.1 0.081 -9.000 -9.000 -999. 56. 15.5 0.20 1.20
1.00 0.80 67. 10.0 279.9 9.0

17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20
1.00		0.86	113.		10.0	279.8	9.0						
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.26	92.		10.0	279.9	9.0						
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00		1.14	86.		10.0	279.8	9.0						
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53		1.00	98.		10.0	280.2	9.0						
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31		1.12	106.		10.0	283.2	9.0						
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24		1.45	159.		10.0	285.0	9.0						
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21		2.23	183.		10.0	285.5	9.0						
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20		1.83	200.		10.0	286.2	9.0						
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20		2.51	225.		10.0	286.6	9.0						
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21		3.44	205.		10.0	286.5	9.0						
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25		2.57	199.		10.0	286.4	9.0						
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33		2.68	195.		10.0	286.5	9.0						
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61		2.33	190.		10.0	285.5	9.0						
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00		1.29	162.		10.0	284.2	9.0						
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.25	117.		10.0	283.5	9.0						
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00		1.46	104.		10.0	283.4	9.0						
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00		1.44	120.		10.0	284.0	9.0						
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00		1.34	127.		10.0	284.3	9.0						
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00		1.19	128.		10.0	284.0	9.0						
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00		1.52	129.		10.0	283.9	9.0						

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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 Terravita\16380 Terravita.is *** 03/05/25

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*** 13:13:17

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10
, VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18
, VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26
, VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF NOX IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431824.47	3720637.57	21.50312	(21121316)	431839.58
3720538.42	16.19988	(17011216)		
431848.44	3720506.30	12.76435	(17011216)	431808.02
3720544.24	12.41035	(17011216)		
432072.45	3720450.37	15.97028	(21122216)	432046.42
3720409.11	13.94986	(17010316)		
432081.39	3720459.96	15.64804	(21122216)	432108.76
3720473.97	13.55873	(21122216)		
431818.11	3720498.90	9.76322	(17011216)	431824.87
3720465.08	7.47422	(17011216)		
431746.87	3720630.10	7.73298	(17011216)	431718.91
3720636.87	7.72839	(17011216)		
431769.86	3720571.04	7.88653	(21122316)	431828.48
3720830.29	17.83797	(21121316)		
431795.56	3720851.94	13.34483	(21121316)	431709.90
3720687.81	12.14583	(17011216)		
431720.72	3720650.84	9.21855	(17011216)	431690.06
3720613.42	5.39035	(17011216)		
431685.55	3720648.14	7.08017	(17011216)	431653.09
3720714.87	5.72087	(19112715)		
431660.75	3720740.12	6.33653	(19112715)	431667.06
3720767.17	6.35476	(21122916)		
431672.47	3720800.08	8.52825	(21122916)	431676.08

3720826.23	9.95519	(21123016)	
431680.14	3720851.94	10.91051	(21121316) 433382.64
3721167.41	0.20099	(19021413)	
433341.15	3721247.68	0.19059	(19021413) 433323.12
3721251.28	0.19040	(19021413)	
432993.01	3721124.56	0.30864	(19011716) 432819.84
3721275.64	0.57525	(19011716)	
432735.51	3721287.81	0.59708	(19011716) 432701.69
3721285.56	0.60257	(19011716)	
432888.84	3721184.54	0.50120	(19011716) 432798.65
3721183.19	0.61189	(19011716)	
432741.38	3721201.68	0.66527	(19011716) 432669.67
3721211.60	0.70073	(19011716)	
432802.71	3721413.18	0.45757	(19011716) 432674.64
3721290.52	0.59385	(19011716)	
432613.30	3721308.11	0.56525	(20012116) 432550.62
3721318.93	0.59708	(20012116)	
432615.11	3721232.79	0.67939	(19011716) 432534.84
3721218.82	0.70735	(20012116)	
432381.96	3721246.77	0.74462	(20012116) 432413.98
3721344.18	0.61672	(17112816)	
432490.19	3721330.65	0.59806	(20012116) 432375.65
3721348.24	0.70596	(17112816)	
432365.73	3721270.22	0.74969	(17112816) 432314.77
3721271.13	0.88610	(17112816)	
432246.67	3721271.13	1.01228	(17112816) 432302.59
3721208.44	0.96545	(17112816)	
432234.05	3721217.01	1.12349	(17112816) 432247.12
3721359.97	0.86644	(17112816)	
432356.71	3721352.75	0.74355	(17112816) 432289.06
3721101.11	1.15300	(20012116)	
432217.81	3721121.86	1.33772	(17112816) 432214.66
3721047.45	1.48785	(17112816)	
432280.04	3721039.78	1.37961	(20012116) 432195.26
3720984.32	1.73845	(20012116)	
432188.05	3720943.73	1.98280	(20012116) 432243.97
3720808.89	2.66454	(19011716)	
432150.62	3720733.13	4.33372	(19011716) 432249.83
3720693.00	3.52497	(19123016)	
432206.99	3720559.06	8.26493	(19123016) 432232.69
3720348.46	5.02082	(21122216)	
432180.38	3720350.72	6.16719	(21122216) 432183.09
3720281.27	4.35029	(21122216)	
432236.75	3720646.55	4.71848	(19123016) 432042.84
3720348.46	10.90572	(17010316)	
431941.37	3720348.46	8.68626	(17011016) 431888.61
3720357.48	5.44886	(19120615)	
431923.34	3720345.30	6.83451	(17011016) 431907.10
3720352.52	6.05485	(17011016)	
431851.18	3720360.64	5.63333	(17011216) 431852.21

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3720441.91      8.04392 (17011216)
      431852.07  3720489.04      10.74266 (17011216)      431845.13
3720523.74      14.76680 (17011216)
      431823.30  3720473.86      7.97784 (17011216)      431823.88
3720457.81      7.08724 (17011216)
      431793.30  3720942.34      7.30591 (19112016)      431690.56
3720987.19      6.56293 (21121316)
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*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1      , VOL2
, VOL3      , VOL4      , VOL5      ,
      VOL6      , VOL7      , VOL8      , VOL9      , VOL10
, VOL11      , VOL12      , VOL13      ,
      VOL14      , VOL15      , VOL16      , VOL17      , VOL18
, VOL19      , VOL20      , VOL21      ,
      VOL22      , VOL23      , VOL24      , VOL25      , VOL26
, VOL27      , VOL28      , . . .      ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF NOX IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431680.98	3720921.25	8.59519	(21121316)	432011.44
3720873.33	4.05935	(17010916)		
432052.07	3720849.95	3.75448	(17010916)	432084.66
3720824.64	3.64502	(20012116)		
432095.01	3720762.16	4.57041	(19011716)	432127.98
3720889.43	2.65818	(20012116)		
432095.77	3720936.20	2.52515	(17112816)	431860.12
3720941.68	7.41313	(19120616)		
431774.93	3721018.65	4.85260	(19112016)	431864.43
3720908.43	8.88478	(19120616)		
431846.93	3720964.64	6.81697	(19120616)	431144.82
3719945.78	0.49245	(17011216)		
431157.20	3719933.07	0.45707	(17011216)	431994.43
3719146.82	0.24942	(20121816)		

431999.70 3719120.50 0.24173 (20121816) 434516.47
3720617.48 0.24548 (21121616)
434406.06 3720633.41 0.23697 (21121616)

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID	(YYMMDDHH)	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

ALL HIGH 1ST HIGH VALUE IS 21.50312 ON 21121316: AT (431824.47,
3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:13:17

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*** MODELOPTs: RegDFAULT 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 2 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed
A Total of 92 Calm Hours Identified
A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W186 644 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 644 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

** Lakes Environmental AERMOD MPI
**

**

** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 3/5/2025
** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Con LST PM10 Tier 4\Con
LST PM10 Tier 4.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
MODELOPT DFAULT CONC
AVERTIME 24
URBANOPT 3135755 County_of_Orange
POLLUTID PM_10
FLAGPOLE 2.00
RUNORNOT RUN
ERRORFIL "Con LST PM10 Tier 4.err"
CO FINISHED
**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION VOL1	VOLUME	431744.348	3720778.946	108.580
LOCATION VOL2	VOLUME	431744.151	3720719.793	110.190
LOCATION VOL3	VOLUME	431804.263	3720766.504	107.220
LOCATION VOL4	VOLUME	431777.461	3720706.392	110.210
LOCATION VOL5	VOLUME	431838.722	3720705.627	105.240
LOCATION VOL6	VOLUME	431871.266	3720796.369	98.590
LOCATION VOL7	VOLUME	431859.014	3720765.355	106.310
LOCATION VOL8	VOLUME	431919.509	3720735.491	97.360
LOCATION VOL9	VOLUME	431859.397	3720645.515	105.340
LOCATION VOL10	VOLUME	431899.599	3720704.861	103.630
LOCATION VOL11	VOLUME	431793.159	3720683.037	110.180
LOCATION VOL12	VOLUME	431854.803	3720601.867	105.740
LOCATION VOL13	VOLUME	431870.501	3720581.957	104.710
LOCATION VOL14	VOLUME	431888.879	3720564.728	103.860
LOCATION VOL15	VOLUME	431907.640	3720544.818	102.020
LOCATION VOL16	VOLUME	431922.189	3720525.291	101.430
LOCATION VOL17	VOLUME	431942.864	3720464.414	99.890
LOCATION VOL18	VOLUME	431957.797	3720425.360	100.120
LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630
LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310
LOCATION PAREA1	AREAPOLY	431762.713	3720811.124	100.880

** Source Parameters **

SRCPARAM VOL1	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL2	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL3	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL4	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL5	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL6	0.0001338222	5.000	13.891	1.400

SRCPARAM VOL7	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL8	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL9	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL10	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL11	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL12	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL13	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL14	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL15	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL16	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL17	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL18	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL19	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL20	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL21	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL22	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL23	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL24	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL25	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL26	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL27	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL28	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL29	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL30	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL31	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL32	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL33	0.0001338222	5.000	13.891	1.400
SRCPARAM VOL34	0.0001338222	5.000	13.891	1.400
SRCPARAM PAREA1	2.6815E-06	0.000	52	1.000
AREAVERT PAREA1	431762.713	3720811.124	431742.449	3720800.334
AREAVERT PAREA1	431731.660	3720790.071	431722.449	3720777.966
AREAVERT PAREA1	431715.870	3720764.544	431713.238	3720750.860
AREAVERT PAREA1	431714.028	3720729.544	431723.765	3720707.965
AREAVERT PAREA1	431743.502	3720686.649	431757.186	3720672.438
AREAVERT PAREA1	431770.081	3720657.701	431814.834	3720651.277
AREAVERT PAREA1	431824.531	3720718.186	431834.067	3720716.570
AREAVERT PAREA1	431826.794	3720666.469	431863.642	3720625.742
AREAVERT PAREA1	431824.531	3720589.378	431842.147	3720569.661
AREAVERT PAREA1	431879.481	3720529.096	431909.218	3720496.934
AREAVERT PAREA1	431914.874	3720490.147	431921.501	3720479.480
AREAVERT PAREA1	431925.864	3720468.652	431928.450	3720457.985
AREAVERT PAREA1	431929.581	3720397.864	432020.733	3720395.925
AREAVERT PAREA1	432019.925	3720433.096	432055.642	3720465.743
AREAVERT PAREA1	432052.248	3720469.298	432099.924	3720513.904
AREAVERT PAREA1	432088.126	3720559.964	432060.490	3720594.389
AREAVERT PAREA1	432034.955	3720629.136	432017.015	3720655.318
AREAVERT PAREA1	432011.682	3720662.913	431990.026	3720683.600
AREAVERT PAREA1	431971.440	3720700.570	431955.278	3720714.146
AREAVERT PAREA1	431923.278	3720757.782	431883.036	3720777.337
AREAVERT PAREA1	431883.844	3720812.085	431862.673	3720826.145

AREAVERT PAREA1	431839.562	3720826.307	431835.521	3720795.115
AREAVERT PAREA1	431835.036	3720791.721	431826.514	3720786.449
AREAVERT PAREA1	431821.150	3720783.280	431815.725	3720781.573
AREAVERT PAREA1	431809.874	3720780.902	431803.900	3720781.512
AREAVERT PAREA1	431797.439	3720783.889	431766.901	3720800.164
URBANSRC ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT VOL1	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT VOL2	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT VOL3	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

[illegible]

EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL7	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL8	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL9	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL10	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```

    EMISFACT VOL33      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL33      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL33      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL33      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL34      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL34      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT PAREA1     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Con LST PM10 Tier 4.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**

```

**

ME STARTING

SURFFILE MSVJ_V11_trimmed.sfc

PROFFILE MSVJ_V11_trimmed.pfl

SURFDATA 93184 2017

UAIRDATA 3190 2017

SITEDATA 60592022 2017

PROFBASE 168.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 ALL 1ST "CON LST PM10 TIER 4.AD\24H1GALL.PLT" 31

SUMMFILE "Con LST PM10 Tier 4.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	687	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
	0.50	
ME W187	687	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** AERMET - VERSION 22112 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

-- -- -- -- --
** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 35 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * 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

**This Run Includes: 35 Source(s); 1 Source Group(s); and 97
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 VOLUME source(s)
and: 1 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: 22112

**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) = 168.00 ; 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

**Output Print File: aermod.out

**Detailed Error/Message File: Con LST PM10 Tier 4.err

**File for Summary of Results: Con LST PM10 Tier 4.sum

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
INIT.	URBAN	EMISSION	RATE	AIRCRAFT				
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	VARY					
(METERS)		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						

- - - - -
- - - - -

VOL1		0	0.13382E-03	431744.3	3720778.9	108.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL2		0	0.13382E-03	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL3		0	0.13382E-03	431804.3	3720766.5	107.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL4		0	0.13382E-03	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL5		0	0.13382E-03	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL6		0	0.13382E-03	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL7		0	0.13382E-03	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL8		0	0.13382E-03	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL9		0	0.13382E-03	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL10		0	0.13382E-03	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL11		0	0.13382E-03	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL12		0	0.13382E-03	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL13		0	0.13382E-03	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL14		0	0.13382E-03	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL15		0	0.13382E-03	431907.6	3720544.8	102.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL16		0	0.13382E-03	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL17		0	0.13382E-03	431942.9	3720464.4	99.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL18		0	0.13382E-03	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL19		0	0.13382E-03	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL20		0	0.13382E-03	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL21		0	0.13382E-03	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL22		0	0.13382E-03	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL23		0	0.13382E-03	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL24		0	0.13382E-03	431983.8	3720524.9	100.8	5.00	13.89

1.40	YES	HRDOW	NO					
VOL25		0	0.13382E-03	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL26		0	0.13382E-03	432027.9	3720489.3	99.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL27		0	0.13382E-03	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL28		0	0.13382E-03	431968.5	3720585.0	102.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL29		0	0.13382E-03	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL30		0	0.13382E-03	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL31		0	0.13382E-03	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL32		0	0.13382E-03	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES	HRDOW	NO					
VOL33		0	0.13382E-03	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL34		0	0.13382E-03	431980.9	3720645.9	102.3	5.00	13.89
1.40	YES	HRDOW	NO					

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	LOCATION OF AREA	BASE	RELEASE	NUMBER
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT OF VERTS.
SZ	SOURCE	SCALAR VARY				
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY					

PAREA1	0	0.26815E-05	431762.7	3720811.1	100.9	0.00	52
1.00	YES	HRDOW	NO				
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID		SOURCE IDs				
-----		-----				
ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	,			
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			
	VOL33	, VOL34	, PAREA1	,		
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID		SOURCE IDs				
-----		-----				
	3135755.	VOL1	, VOL2	, VOL3	, VOL4	,
VOL5	, VOL6	, VOL7	,			
VOL8	,					
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			

VOL33 , VOL34 , PAREA1 ,
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 *** 13:07:24

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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
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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:07:24

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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 *** 13:07:24

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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				

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL4				; SOURCE TYPE = VOLUME					
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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				

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 *** 13:07:24

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 ***
*** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
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   .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
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13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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SOURCE ID = VOL11      ; SOURCE TYPE = VOLUME      :
  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   .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
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*** 13:07:24

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				

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	.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 = 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				

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :									
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
  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  .0000E+00  7  .0000E+00  8  .0000E+00
   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 .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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:07:24

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
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 *** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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
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 *** AERMET - VERSION 22112 *** ***
 *** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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 *** AERMET - VERSION 22112 *** ***
 *** 13:07:24

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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 ***
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 *** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
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 = 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
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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 *** ***
 *** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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                                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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***      03/05/25
*** AERMET - VERSION 22112 ***      ***
***      13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

SOURCE ID = VOL31						; SOURCE TYPE = VOLUME				:
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR					
-	-	-	-	-	-	-	-	-	-	

		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			

*** AERMOD - VERSION 24142 *** C:\Users\adadabhoy\Desktop\AERMOD\16380

Terravita\16380 Terravita.is *** 03/05/25
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*** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

```

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** AERMET - VERSION 22112 *** ***
*** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** AERMET - VERSION 22112 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(431824.5, 3720637.6, 107.7, 110.4, 2.0);	(431839.6, 3720538.4, 103.2, 125.7, 2.0);
(431848.4, 3720506.3, 102.3, 125.7, 2.0);	(431808.0, 3720544.2, 103.9, 126.8, 2.0);
(432072.5, 3720450.4, 95.2, 100.9, 2.0);	(432046.4, 3720409.1, 94.0, 111.4, 2.0);
(432081.4, 3720460.0, 95.4, 100.9, 2.0);	(432108.8, 3720474.0, 93.4, 101.0, 2.0);
(431818.1, 3720498.9, 104.4, 126.8, 2.0);	(431824.9, 3720465.1, 105.1, 125.7, 2.0);
(431746.9, 3720630.1, 108.4, 108.4, 2.0);	(431718.9, 3720636.9, 111.0, 111.0, 2.0);
(431769.9, 3720571.0, 107.0, 126.8, 2.0);	(431828.5, 3720830.3, 96.2, 114.8, 2.0);
(431795.6, 3720851.9, 97.6, 110.2, 2.0);	(431709.9, 3720687.8, 110.8, 118.8, 2.0);
(431720.7, 3720650.8, 110.9, 112.0, 2.0);	(431690.1, 3720613.4, 113.1, 125.2, 2.0);
(431685.5, 3720648.1, 114.0, 114.0, 2.0);	(431653.1, 3720714.9, 116.8, 116.8, 2.0);
(431660.8, 3720740.1, 114.9, 114.9, 2.0);	(431667.1, 3720767.2, 111.5, 114.8, 2.0);
(431672.5, 3720800.1, 108.8, 114.8, 2.0);	(431676.1, 3720826.2, 105.7, 114.8, 2.0);
(431680.1, 3720851.9, 103.2, 114.8, 2.0);	(433382.6, 3721167.4, 93.2, 93.2, 2.0);
(433341.1, 3721247.7, 91.2, 91.2, 2.0);	(433323.1, 3721251.3, 91.2, 91.2, 2.0);
(432993.0, 3721124.6, 86.1, 95.7, 2.0);	(432819.8, 3721275.6, 85.5, 85.5, 2.0);
(432735.5, 3721287.8, 84.4, 84.4, 2.0);	(432701.7, 3721285.6, 83.2, 83.2, 2.0);
(432888.8, 3721184.5, 86.9, 86.9, 2.0);	(432798.6, 3721183.2, 84.5, 84.5, 2.0);
(432741.4, 3721201.7, 83.7, 83.7, 2.0);	(432669.7, 3721211.6, 82.8, 82.8, 2.0);
(432802.7, 3721413.2, 86.1, 86.1, 2.0);	(432674.6, 3721290.5, 83.1, 83.1, 2.0);
(432613.3, 3721308.1, 82.2, 82.2, 2.0);	(432550.6, 3721318.9, 82.6, 82.6, 2.0);
(432615.1, 3721232.8, 82.0, 82.0, 2.0);	(432534.8, 3721318.9, 82.6, 82.6, 2.0);

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3721218.8,      81.0,      81.0,      2.0);
  ( 432382.0, 3721246.8,      81.1,      81.1,      2.0);      ( 432414.0,
3721344.2,      82.8,      82.8,      2.0);
  ( 432490.2, 3721330.6,      81.6,      81.6,      2.0);      ( 432375.6,
3721348.2,      83.8,      83.8,      2.0);
  ( 432365.7, 3721270.2,      81.3,      81.3,      2.0);      ( 432314.8,
3721271.1,      80.8,      80.8,      2.0);
  ( 432246.7, 3721271.1,      79.6,      79.6,      2.0);      ( 432302.6,
3721208.4,      80.2,      80.2,      2.0);
  ( 432234.0, 3721217.0,      79.3,      79.3,      2.0);      ( 432247.1,
3721360.0,      83.1,      83.1,      2.0);
  ( 432356.7, 3721352.8,      84.2,      84.2,      2.0);      ( 432289.1,
3721101.1,      79.0,      79.0,      2.0);
  ( 432217.8, 3721121.9,      78.9,      78.9,      2.0);      ( 432214.7,
3721047.4,      77.7,      77.7,      2.0);
  ( 432280.0, 3721039.8,      80.5,      80.5,      2.0);      ( 432195.3,
3720984.3,      79.8,      79.8,      2.0);
  ( 432188.0, 3720943.7,      80.2,      88.0,      2.0);      ( 432244.0,
3720808.9,      84.3,      85.5,      2.0);
  ( 432150.6, 3720733.1,      88.8,      88.8,      2.0);      ( 432249.8,
3720693.0,      88.1,      88.1,      2.0);
  ( 432207.0, 3720559.1,      88.1,      88.1,      2.0);      ( 432232.7,
3720348.5,      91.2,      115.5,      2.0);
  ( 432180.4, 3720350.7,      90.9,      115.5,      2.0);      ( 432183.1,
3720281.3,      93.2,      115.5,      2.0);
  ( 432236.8, 3720646.5,      88.0,      88.0,      2.0);      ( 432042.8,
3720348.5,      99.4,      111.4,      2.0);
  ( 431941.4, 3720348.5,      108.7,      111.4,      2.0);      ( 431888.6,
3720357.5,      108.2,      111.6,      2.0);
  ( 431923.3, 3720345.3,      110.2,      110.2,      2.0);      ( 431907.1,
3720352.5,      108.6,      111.1,      2.0);
  ( 431851.2, 3720360.6,      109.5,      111.6,      2.0);      ( 431852.2,
3720441.9,      102.3,      125.7,      2.0);
  ( 431852.1, 3720489.0,      101.7,      126.8,      2.0);      ( 431845.1,
3720523.7,      102.7,      125.7,      2.0);
  ( 431823.3, 3720473.9,      105.0,      125.7,      2.0);      ( 431823.9,
3720457.8,      105.3,      125.7,      2.0);
  ( 431793.3, 3720942.3,      92.0,      109.9,      2.0);      ( 431690.6,
3720987.2,      88.7,      124.1,      2.0);
  ( 431681.0, 3720921.2,      97.7,      109.5,      2.0);      ( 432011.4,
3720873.3,      86.6,      109.9,      2.0);
  ( 432052.1, 3720849.9,      87.3,      109.9,      2.0);      ( 432084.7,
3720824.6,      87.4,      87.4,      2.0);
  ( 432095.0, 3720762.2,      88.3,      89.5,      2.0);      ( 432128.0,
3720889.4,      88.0,      88.0,      2.0);
  ( 432095.8, 3720936.2,      84.7,      90.0,      2.0);      ( 431860.1,
3720941.7,      81.2,      124.1,      2.0);
  ( 431774.9, 3721018.6,      79.6,      124.1,      2.0);      ( 431864.4,
3720908.4,      82.7,      124.1,      2.0);

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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,

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: MSVJ_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184
Name: UNKNOWN

Upper air station no.: 3190
Name: UNKNOWN

Year: 2017

Year: 2017

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							
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20	
1.00	0.86	69.	10.0	280.0	9.0									
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20	
1.00	0.90	61.	10.0	279.7	9.0									
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20	
1.00	1.34	69.	10.0	280.4	9.0									
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20	
1.00	0.80	67.	10.0	279.9	9.0									
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20	
1.00	0.86	113.	10.0	279.8	9.0									
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20	
1.00	1.26	92.	10.0	279.9	9.0									
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20	

1.00	1.14	86.	10.0	279.8	9.0								
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53	1.00	98.	10.0	280.2	9.0								
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31	1.12	106.	10.0	283.2	9.0								
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24	1.45	159.	10.0	285.0	9.0								
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21	2.23	183.	10.0	285.5	9.0								
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20	1.83	200.	10.0	286.2	9.0								
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20	2.51	225.	10.0	286.6	9.0								
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21	3.44	205.	10.0	286.5	9.0								
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25	2.57	199.	10.0	286.4	9.0								
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33	2.68	195.	10.0	286.5	9.0								
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61	2.33	190.	10.0	285.5	9.0								
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00	1.29	162.	10.0	284.2	9.0								
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00	1.25	117.	10.0	283.5	9.0								
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00	1.46	104.	10.0	283.4	9.0								
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00	1.44	120.	10.0	284.0	9.0								
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00	1.34	127.	10.0	284.3	9.0								
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00	1.19	128.	10.0	284.0	9.0								
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00	1.52	129.	10.0	283.9	9.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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Terravita\16380 Terravita.is ***      03/05/25
*** AERMET - VERSION 22112 ***      ***
***                                     ***      13:07:24

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION ***

INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M³

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431824.47	3720637.57	4.52257	(19122324)	431839.58
3720538.42	3.50873	(20120824)		
431848.44	3720506.30	2.64885	(19123124)	431808.02
3720544.24	2.48314	(20120824)		
432072.45	3720450.37	4.90450c	(21110924)	432046.42
3720409.11	4.65314	(17010324)		
432081.39	3720459.96	4.94812c	(21110924)	432108.76
3720473.97	4.20503c	(21110924)		
431818.11	3720498.90	1.83208	(19123124)	431824.87
3720465.08	1.59321	(19123124)		
431746.87	3720630.10	2.06706	(19122324)	431718.91
3720636.87	1.66969	(20120824)		
431769.86	3720571.04	1.85323	(21122324)	431828.48
3720830.29	7.30136	(21121324)		
431795.56	3720851.94	4.45379	(21121324)	431709.90
3720687.81	2.58516	(20120824)		
431720.72	3720650.84	1.89543	(20120824)	431690.06
3720613.42	1.22157	(20120824)		
431685.55	3720648.14	1.43571	(20120824)	431653.09
3720714.87	1.62789	(21122324)		
431660.75	3720740.12	2.08711	(19122324)	431667.06
3720767.17	2.58294	(19122324)		
431672.47	3720800.08	2.58657	(21123024)	431676.08
3720826.23	2.72275	(21123024)		
431680.14	3720851.94	2.54846	(21123024)	433382.64
3721167.41	0.07683	(17021624)		
433341.15	3721247.68	0.07772	(17120424)	433323.12
3721251.28	0.07915	(17120424)		

432993.01	3721124.56	0.09594	(17011924)	432819.84
3721275.64	0.14445	(21121424)		
432735.51	3721287.81	0.15268	(21121424)	432701.69
3721285.56	0.15373	(21121424)		
432888.84	3721184.54	0.10916	(21121424)	432798.65
3721183.19	0.14109	(21121424)		
432741.38	3721201.68	0.15980	(21121424)	432669.67
3721211.60	0.17077	(21121424)		
432802.71	3721413.18	0.12522	(21121424)	432674.64
3721290.52	0.15183	(21121424)		
432613.30	3721308.11	0.17387	(19061724)	432550.62
3721318.93	0.19365	(19061724)		
432615.11	3721232.79	0.16974	(19061724)	432534.84
3721218.82	0.21094	(19061724)		
432381.96	3721246.77	0.28639	(19051524)	432413.98
3721344.18	0.23827	(19051524)		
432490.19	3721330.65	0.21094	(19051524)	432375.65
3721348.24	0.24357	(19051524)		
432365.73	3721270.22	0.28419	(19051524)	432314.77
3721271.13	0.29630	(19051524)		
432246.67	3721271.13	0.29235	(19051524)	432302.59
3721208.44	0.34260	(19051524)		
432234.05	3721217.01	0.34452	(19051524)	432247.12
3721359.97	0.23894	(20040624)		
432356.71	3721352.75	0.24229	(19051524)	432289.06
3721101.11	0.42199	(19051524)		
432217.81	3721121.86	0.45203	(19051524)	432214.66
3721047.45	0.53865	(19051524)		
432280.04	3721039.78	0.47087	(19051524)	432195.26
3720984.32	0.64340	(19051524)		
432188.05	3720943.73	0.71757	(19051524)	432243.97
3720808.89	0.74177	(19062024)		
432150.62	3720733.13	1.49620	(19062024)	432249.83
3720693.00	0.82833b	(21120924)		
432206.99	3720559.06	1.97812b	(21120924)	432232.69
3720348.46	1.10207	(21122224)		
432180.38	3720350.72	1.40001	(21122224)	432183.09
3720281.27	1.08289	(17122224)		
432236.75	3720646.55	1.16465b	(21120924)	432042.84
3720348.46	3.02822	(17010324)		
431941.37	3720348.46	1.94222	(19031524)	431888.61
3720357.48	1.50368	(20020424)		
431923.34	3720345.30	1.72615	(19031524)	431907.10
3720352.52	1.70975	(20020424)		
431851.18	3720360.64	1.09758	(19123124)	431852.21
3720441.91	1.75315	(19123124)		
431852.07	3720489.04	2.38808	(19123124)	431845.13
3720523.74	3.11846	(20120824)		
431823.30	3720473.86	1.65125	(19123124)	431823.88
3720457.81	1.52462	(19123124)		

431793.30 3720942.34 2.00389 (21121324) 431690.56
 3720987.19 1.70128 (21121324)
 *** AERMOD - VERSION 24142 *** C:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 03/05/25
 *** AERMET - VERSION 22112 ***
 *** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 , , VOL6
 , VOL11 , VOL12 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL19 , VOL14 , VOL13 , VOL16 , VOL17 , VOL18
 , VOL20 , VOL21 , , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431680.98	3720921.25	2.14008	(21121324)	432011.44
3720873.33	1.48144 (17032124)			
432052.07	3720849.95	1.43349	(19062024)	432084.66
3720824.64	1.44262 (19062024)			
432095.01	3720762.16	1.80680	(19062024)	432127.98
3720889.43	0.99293 (19062024)			
432095.77	3720936.20	0.89414	(19051524)	431860.12
3720941.68	1.64057 (21041324)			
431774.93	3721018.65	1.06236	(21121324)	431864.43
3720908.43	2.02238 (21041324)			
431846.93	3720964.64	1.44877	(21041324)	431144.82
3719945.78	0.09621 (20010724)			
431157.20	3719933.07	0.09942	(20010724)	431994.43
3719146.82	0.07306 (19021224)			
431999.70	3719120.50	0.07214	(19021224)	434516.47
3720617.48	0.06865 (21121624)			
434406.06	3720633.41	0.07414	(21121624)	

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:07:24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3
**

GROUP ID	AVERAGE CONC	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID	(YYMMDDHH)	
ALL HIGH 1ST HIGH VALUE IS	7.30136	ON 21121324: AT (	431828.48,
3720830.29, 96.22, 114.81, 2.00)	DC		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:07:24

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*** MODELOPTs: RegDFAULT 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 41 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W186	687	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	687	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W732	1176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2017021824		
CN W732	10368	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824		
CN W732	12408	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124		
CN W732	22848	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2019081024		
CN W732	28032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324		
CN W732	28056	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424		
CN W732	28080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524		
CN W732	28104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624		
CN W732	28512	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224		
CN W732	28536	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324		
CN W732	28632	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724		
CN W732	28944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024		
CN W732	33024	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724		
CN W732	33096	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024		
CN W732	33888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224		
CN W732	34032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824		
CN W732	34080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024		
CN W732	34104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124		
CN W732	34128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224		
CN W732	34152	AVER: 24-hr avg, < 18 hours of data, calms policy used.

2020112324		
CN W732	34176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424		
CN W732	34200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524		
CN W732	34680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524		
CN W732	34824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124		
CN W732	35280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924		
CN W732	35304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024		
CN W732	35328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124		
CN W732	35352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224		
CN W732	35616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324		
CN W732	35640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424		
CN W732	35664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524		
CN W732	36816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424		
CN W732	37200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024		
CN W732	37296	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324		
CN W732	38760	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324		
CN W732	39888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021072024		
CN W732	40920	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124		
CN W732	41808	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824		
CN W732	41832	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924		

 *** AERMOD Finishes Successfully ***

** Lakes Environmental AERMOD MPI

**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 13.0.0

** Lakes Environmental Software Inc.

** Date: 3/5/2025
** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Con LST PM25 Tier 4\Con LST PM25 Tier 4.ADI

**

**
**

** AERMOD Control Pathway

**
**
CO STARTING
TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
MODELOPT DFAULT CONC
AVERTIME 24
URBANOPT 3135755 County_of_Orange
POLLUTID PM_2.5
FLAGPOLE 2.00
RUNORNOT RUN
ERRORFIL "Con LST PM25 Tier 4.err"

CO FINISHED
**

** AERMOD Source Pathway

**
**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

LOCATION VOL1	VOLUME	431744.348	3720778.946	108.580
LOCATION VOL2	VOLUME	431744.151	3720719.793	110.190
LOCATION VOL3	VOLUME	431804.263	3720766.504	107.220
LOCATION VOL4	VOLUME	431777.461	3720706.392	110.210
LOCATION VOL5	VOLUME	431838.722	3720705.627	105.240
LOCATION VOL6	VOLUME	431871.266	3720796.369	98.590
LOCATION VOL7	VOLUME	431859.014	3720765.355	106.310
LOCATION VOL8	VOLUME	431919.509	3720735.491	97.360
LOCATION VOL9	VOLUME	431859.397	3720645.515	105.340
LOCATION VOL10	VOLUME	431899.599	3720704.861	103.630
LOCATION VOL11	VOLUME	431793.159	3720683.037	110.180
LOCATION VOL12	VOLUME	431854.803	3720601.867	105.740
LOCATION VOL13	VOLUME	431870.501	3720581.957	104.710
LOCATION VOL14	VOLUME	431888.879	3720564.728	103.860
LOCATION VOL15	VOLUME	431907.640	3720544.818	102.020
LOCATION VOL16	VOLUME	431922.189	3720525.291	101.430
LOCATION VOL17	VOLUME	431942.864	3720464.414	99.890
LOCATION VOL18	VOLUME	431957.797	3720425.360	100.120
LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630

LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310
LOCATION PAREA1	AREAPOLY	431762.713	3720811.124	100.880

** Source Parameters **

SRCPARAM VOL1	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL2	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL3	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL4	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL5	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL6	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL7	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL8	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL9	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL10	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL11	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL12	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL13	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL14	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL15	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL16	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL17	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL18	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL19	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL20	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL21	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL22	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL23	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL24	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL25	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL26	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL27	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL28	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL29	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL30	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL31	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL32	0.0001280799	5.000	13.891	1.400
SRCPARAM VOL33	0.0001280799	5.000	13.891	1.400

SRCPARAM VOL34	0.0001280799	5.000	13.891	1.400
SRCPARAM PAREA1	1.3728E-06	0.000	52	1.000
AREAVERT PAREA1	431762.713	3720811.124	431742.449	3720800.334
AREAVERT PAREA1	431731.660	3720790.071	431722.449	3720777.966
AREAVERT PAREA1	431715.870	3720764.544	431713.238	3720750.860
AREAVERT PAREA1	431714.028	3720729.544	431723.765	3720707.965
AREAVERT PAREA1	431743.502	3720686.649	431757.186	3720672.438
AREAVERT PAREA1	431770.081	3720657.701	431814.834	3720651.277
AREAVERT PAREA1	431824.531	3720718.186	431834.067	3720716.570
AREAVERT PAREA1	431826.794	3720666.469	431863.642	3720625.742
AREAVERT PAREA1	431824.531	3720589.378	431842.147	3720569.661
AREAVERT PAREA1	431879.481	3720529.096	431909.218	3720496.934
AREAVERT PAREA1	431914.874	3720490.147	431921.501	3720479.480
AREAVERT PAREA1	431925.864	3720468.652	431928.450	3720457.985
AREAVERT PAREA1	431929.581	3720397.864	432020.733	3720395.925
AREAVERT PAREA1	432019.925	3720433.096	432055.642	3720465.743
AREAVERT PAREA1	432052.248	3720469.298	432099.924	3720513.904
AREAVERT PAREA1	432088.126	3720559.964	432060.490	3720594.389
AREAVERT PAREA1	432034.955	3720629.136	432017.015	3720655.318
AREAVERT PAREA1	432011.682	3720662.913	431990.026	3720683.600
AREAVERT PAREA1	431971.440	3720700.570	431955.278	3720714.146
AREAVERT PAREA1	431923.278	3720757.782	431883.036	3720777.337
AREAVERT PAREA1	431883.844	3720812.085	431862.673	3720826.145
AREAVERT PAREA1	431839.562	3720826.307	431835.521	3720795.115
AREAVERT PAREA1	431835.036	3720791.721	431826.514	3720786.449
AREAVERT PAREA1	431821.150	3720783.280	431815.725	3720781.573
AREAVERT PAREA1	431809.874	3720780.902	431803.900	3720781.512
AREAVERT PAREA1	431797.439	3720783.889	431766.901	3720800.164
URBANSRC ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL1	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Saturday:

EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT VOL2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0

[illegible]

EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL6	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL7	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL8	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL9	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL10	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL10	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL11	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL11	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL12	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL12	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0

[illegible]

EMISFACT VOL15	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL15	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL16	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL17	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL17	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL18	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL18	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

EMISFACT VOL25	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL25	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL25	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL25	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL25	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL25	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL26	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL26	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL27	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL27	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL28	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL28	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

EMISFACT VOL32	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL32	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL33	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL33	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL34	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL34	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT PAREA1	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

```
    EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
```

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "Con LST PM25 Tier 4.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE MSVJ_V11_trimmed.sfc

PROFFILE MSVJ_V11_trimmed.pfl

SURFDATA 93184 2017

UAIRDATA 3190 2017

SITEDATA 60592022 2017

PROFBASE 168.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 ALL 1ST "CON LST PM25 TIER 4.AD\24H1GALL.PLT" 31

SUMMFILE "Con LST PM25 Tier 4.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 687 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
ME W187 687 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
 *** 13:00:52

 PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

 *** MODEL SETUP OPTIONS SUMMARY

-- -- -- -- --
** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 35 Source(s),
 for Total of 1 Urban Area(s):
- Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET

- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 35 Source(s); 1 Source Group(s); and 97 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 VOLUME source(s)
and: 1 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: 22112

**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) = 168.00 ; 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

**Output Print File: aermod.out

**Detailed Error/Message File: Con LST PM25 Tier 4.err

**File for Summary of Results: Con LST PM25 Tier 4.sum

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*** AERMET - VERSION 22112 *** ***
*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	AIRCRAFT				
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

VOL1		0	0.12808E-03	431744.3	3720778.9	108.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL2		0	0.12808E-03	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL3		0	0.12808E-03	431804.3	3720766.5	107.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL4		0	0.12808E-03	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL5		0	0.12808E-03	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL6		0	0.12808E-03	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL7		0	0.12808E-03	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL8		0	0.12808E-03	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL9		0	0.12808E-03	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL10		0	0.12808E-03	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL11		0	0.12808E-03	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES	HRDOW	NO					
VOL12		0	0.12808E-03	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES	HRDOW	NO					

VOL13		0	0.12808E-03	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL14		0	0.12808E-03	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL15		0	0.12808E-03	431907.6	3720544.8	102.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL16		0	0.12808E-03	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL17		0	0.12808E-03	431942.9	3720464.4	99.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL18		0	0.12808E-03	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL19		0	0.12808E-03	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL20		0	0.12808E-03	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL21		0	0.12808E-03	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL22		0	0.12808E-03	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES	HRDOW	NO					
VOL23		0	0.12808E-03	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL24		0	0.12808E-03	431983.8	3720524.9	100.8	5.00	13.89
1.40	YES	HRDOW	NO					
VOL25		0	0.12808E-03	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL26		0	0.12808E-03	432027.9	3720489.3	99.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL27		0	0.12808E-03	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES	HRDOW	NO					
VOL28		0	0.12808E-03	431968.5	3720585.0	102.9	5.00	13.89
1.40	YES	HRDOW	NO					
VOL29		0	0.12808E-03	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES	HRDOW	NO					
VOL30		0	0.12808E-03	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES	HRDOW	NO					
VOL31		0	0.12808E-03	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES	HRDOW	NO					
VOL32		0	0.12808E-03	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES	HRDOW	NO					
VOL33		0	0.12808E-03	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES	HRDOW	NO					
VOL34		0	0.12808E-03	431980.9	3720645.9	102.3	5.00	13.89
1.40	YES	HRDOW	NO					

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE	LOCATION	OF	AREA	BASE	RELEASE	NUMBER
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF	VERTS.		
SZ	SOURCE	SCALAR	VARY							
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)				
(METERS)	BY									

PAREA1 0 0.13728E-05 431762.7 3720811.1 100.9 0.00 52
1.00 YES HRDOW NO
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	,			
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			
	VOL33	, VOL34	, PAREA1	,		

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*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
VOL5	3135755.	VOL1, VOL2, VOL3, VOL4, VOL5, VOL6, VOL7, VOL8
VOL14		VOL9, VOL10, VOL11, VOL12, VOL13, VOL14, VOL15, VOL16
VOL22		VOL17, VOL18, VOL19, VOL20, VOL21, VOL22, VOL23, VOL24
VOL30		VOL25, VOL26, VOL27, VOL28, VOL29, VOL30, VOL31, VOL32
		VOL33, VOL34, PAREA1

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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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
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

[illegible]

		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			

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .0000E+00 18 .0000E+00 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

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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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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 ***
 Terravita\16380 Terravita.is
 *** AERMET - VERSION 22112 ***

*** C:\Users\adadabhoy\Desktop\AERMOD\16380
 03/05/25
 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
***                                     13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
  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   .0000E+00    7 .0000E+00    8 .0000E+00
    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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
***                                     13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 *** AERMET - VERSION 22112 *** ***
 *** 13:00:52

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
 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

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :									
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = SATURDAY

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
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Terravita\16380 Terravita.is *** 03/05/25
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*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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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

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*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL15          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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
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*** AERMET - VERSION 22112 ***      ***
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL16          ; SOURCE TYPE = VOLUME      :
  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 .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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

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*** AERMET - VERSION 22112 *** ***
*** 13:00:52

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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    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:\Users\adadabhoy\Desktop\AERMOD\16380
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*** AERMET - VERSION 22112 *** ***
*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
  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 .0000E+00  7 .0000E+00  8 .0000E+00
    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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
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*** AERMET - VERSION 22112 *** ***
*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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				

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25				; SOURCE TYPE = VOLUME					
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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
 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 .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 = 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

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 *** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
 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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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				

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 *** 13:00:52

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 ***
*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
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  .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
***                                     13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```

SOURCE ID = VOL32          ; SOURCE TYPE = VOLUME :
  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  .0000E+00    7 .0000E+00    8 .0000E+00
      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 .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 = 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

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*** AERMET - VERSION 22112 ***

13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
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 .0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita\16380 Terravita.is *** 03/05/25

*** AERMET - VERSION 22112 ***

13:00:52

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 *** 13:00:52

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :
 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	.0000E+00	7	.0000E+00	8	.0000E+00				
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	.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 = 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				

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 *** 13:00:52

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(431824.5, 3720637.6, 107.7, 110.4, 2.0);	(431839.6, 3720538.4, 103.2, 125.7, 2.0);
(431848.4, 3720506.3, 102.3, 125.7, 2.0);	(431808.0, 3720544.2, 103.9, 126.8, 2.0);
(432072.5, 3720450.4, 95.2, 100.9, 2.0);	(432046.4, 3720409.1, 94.0, 111.4, 2.0);
(432081.4, 3720460.0, 95.4, 100.9, 2.0);	(432108.8, 3720474.0, 93.4, 101.0, 2.0);
(431818.1, 3720498.9, 104.4, 126.8, 2.0);	(431824.9, 3720465.1, 105.1, 125.7, 2.0);
(431746.9, 3720630.1, 108.4, 108.4, 2.0);	(431718.9, 3720636.9, 111.0, 111.0, 2.0);
(431769.9, 3720571.0, 107.0, 126.8, 2.0);	(431828.5, 3720830.3, 96.2, 114.8, 2.0);
(431795.6, 3720851.9, 97.6, 110.2, 2.0);	(431709.9, 3720687.8, 110.8, 118.8, 2.0);
(431720.7, 3720650.8, 110.9, 112.0, 2.0);	(431690.1, 3720613.4, 113.1, 125.2, 2.0);

(431685.5, 3720648.1, 114.0, 114.0, 2.0);	(431653.1,
3720714.9, 116.8, 116.8, 2.0);	
(431660.8, 3720740.1, 114.9, 114.9, 2.0);	(431667.1,
3720767.2, 111.5, 114.8, 2.0);	
(431672.5, 3720800.1, 108.8, 114.8, 2.0);	(431676.1,
3720826.2, 105.7, 114.8, 2.0);	
(431680.1, 3720851.9, 103.2, 114.8, 2.0);	(433382.6,
3721167.4, 93.2, 93.2, 2.0);	
(433341.1, 3721247.7, 91.2, 91.2, 2.0);	(433323.1,
3721251.3, 91.2, 91.2, 2.0);	
(432993.0, 3721124.6, 86.1, 95.7, 2.0);	(432819.8,
3721275.6, 85.5, 85.5, 2.0);	
(432735.5, 3721287.8, 84.4, 84.4, 2.0);	(432701.7,
3721285.6, 83.2, 83.2, 2.0);	
(432888.8, 3721184.5, 86.9, 86.9, 2.0);	(432798.6,
3721183.2, 84.5, 84.5, 2.0);	
(432741.4, 3721201.7, 83.7, 83.7, 2.0);	(432669.7,
3721211.6, 82.8, 82.8, 2.0);	
(432802.7, 3721413.2, 86.1, 86.1, 2.0);	(432674.6,
3721290.5, 83.1, 83.1, 2.0);	
(432613.3, 3721308.1, 82.2, 82.2, 2.0);	(432550.6,
3721318.9, 82.6, 82.6, 2.0);	
(432615.1, 3721232.8, 82.0, 82.0, 2.0);	(432534.8,
3721218.8, 81.0, 81.0, 2.0);	
(432382.0, 3721246.8, 81.1, 81.1, 2.0);	(432414.0,
3721344.2, 82.8, 82.8, 2.0);	
(432490.2, 3721330.6, 81.6, 81.6, 2.0);	(432375.6,
3721348.2, 83.8, 83.8, 2.0);	
(432365.7, 3721270.2, 81.3, 81.3, 2.0);	(432314.8,
3721271.1, 80.8, 80.8, 2.0);	
(432246.7, 3721271.1, 79.6, 79.6, 2.0);	(432302.6,
3721208.4, 80.2, 80.2, 2.0);	
(432234.0, 3721217.0, 79.3, 79.3, 2.0);	(432247.1,
3721360.0, 83.1, 83.1, 2.0);	
(432356.7, 3721352.8, 84.2, 84.2, 2.0);	(432289.1,
3721101.1, 79.0, 79.0, 2.0);	
(432217.8, 3721121.9, 78.9, 78.9, 2.0);	(432214.7,
3721047.4, 77.7, 77.7, 2.0);	
(432280.0, 3721039.8, 80.5, 80.5, 2.0);	(432195.3,
3720984.3, 79.8, 79.8, 2.0);	
(432188.0, 3720943.7, 80.2, 88.0, 2.0);	(432244.0,
3720808.9, 84.3, 85.5, 2.0);	
(432150.6, 3720733.1, 88.8, 88.8, 2.0);	(432249.8,
3720693.0, 88.1, 88.1, 2.0);	
(432207.0, 3720559.1, 88.1, 88.1, 2.0);	(432232.7,
3720348.5, 91.2, 115.5, 2.0);	
(432180.4, 3720350.7, 90.9, 115.5, 2.0);	(432183.1,
3720281.3, 93.2, 115.5, 2.0);	
(432236.8, 3720646.5, 88.0, 88.0, 2.0);	(432042.8,
3720348.5, 99.4, 111.4, 2.0);	

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( 431941.4, 3720348.5, 108.7, 111.4, 2.0); ( 431888.6,
3720357.5, 108.2, 111.6, 2.0);
( 431923.3, 3720345.3, 110.2, 110.2, 2.0); ( 431907.1,
3720352.5, 108.6, 111.1, 2.0);
( 431851.2, 3720360.6, 109.5, 111.6, 2.0); ( 431852.2,
3720441.9, 102.3, 125.7, 2.0);
( 431852.1, 3720489.0, 101.7, 126.8, 2.0); ( 431845.1,
3720523.7, 102.7, 125.7, 2.0);
( 431823.3, 3720473.9, 105.0, 125.7, 2.0); ( 431823.9,
3720457.8, 105.3, 125.7, 2.0);
( 431793.3, 3720942.3, 92.0, 109.9, 2.0); ( 431690.6,
3720987.2, 88.7, 124.1, 2.0);
( 431681.0, 3720921.2, 97.7, 109.5, 2.0); ( 432011.4,
3720873.3, 86.6, 109.9, 2.0);
( 432052.1, 3720849.9, 87.3, 109.9, 2.0); ( 432084.7,
3720824.6, 87.4, 87.4, 2.0);
( 432095.0, 3720762.2, 88.3, 89.5, 2.0); ( 432128.0,
3720889.4, 88.0, 88.0, 2.0);
( 432095.8, 3720936.2, 84.7, 90.0, 2.0); ( 431860.1,
3720941.7, 81.2, 124.1, 2.0);
( 431774.9, 3721018.6, 79.6, 124.1, 2.0); ( 431864.4,
3720908.4, 82.7, 124.1, 2.0);

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 431846.9, 3720964.6, 82.2, 124.1, 2.0); ( 431144.8,
3719945.8, 113.4, 113.4, 2.0);
( 431157.2, 3719933.1, 113.9, 113.9, 2.0); ( 431994.4,
3719146.8, 148.9, 148.9, 2.0);
( 431999.7, 3719120.5, 149.2, 149.2, 2.0); ( 434516.5,
3720617.5, 115.5, 115.5, 2.0);
( 434406.1, 3720633.4, 113.7, 113.7, 2.0);

```

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Terravita\16380 Terravita.is *** 03/05/25
*** AERMET - VERSION 22112 *** ***
*** 13:00:52

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR

[illegible]

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

10.80,

PAGE 44

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

```
Surface file:    MSVJ_V11_trimmed.sfc
                Met Version:  22112
Profile file:    MSVJ_V11_trimmed.pfl

Surface format:  FREE

Profile format:  FREE
```

Surface station no.: 93184

Name: UNKNOWN

Upper air station no.: 3190

Name: UNKNOWN

Year: 2017

Year: 2017

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							
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20	
1.00	0.86	69.			10.0	280.0	9.0							
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20	
1.00	0.90	61.			10.0	279.7	9.0							
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20	
1.00	1.34	69.			10.0	280.4	9.0							
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20	
1.00	0.80	67.			10.0	279.9	9.0							
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20	
1.00	0.86	113.			10.0	279.8	9.0							
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20	
1.00	1.26	92.			10.0	279.9	9.0							
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20	
1.00	1.14	86.			10.0	279.8	9.0							
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20	
0.53	1.00	98.			10.0	280.2	9.0							
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20	
0.31	1.12	106.			10.0	283.2	9.0							
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20	
0.24	1.45	159.			10.0	285.0	9.0							
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20	
0.21	2.23	183.			10.0	285.5	9.0							
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20	
0.20	1.83	200.			10.0	286.2	9.0							
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20	
0.20	2.51	225.			10.0	286.6	9.0							
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20	
0.21	3.44	205.			10.0	286.5	9.0							
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20	
0.25	2.57	199.			10.0	286.4	9.0							
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20	
0.33	2.68	195.			10.0	286.5	9.0							
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20	
0.61	2.33	190.			10.0	285.5	9.0							
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20	
1.00	1.29	162.			10.0	284.2	9.0							
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20	
1.00	1.25	117.			10.0	283.5	9.0							
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20	
1.00	1.46	104.			10.0	283.4	9.0							

17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00					1.44	120.	10.0	284.0	9.0				
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00					1.34	127.	10.0	284.3	9.0				
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00					1.19	128.	10.0	284.0	9.0				
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00					1.52	129.	10.0	283.9	9.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 24142 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): VOL1, VOL2, VOL3, VOL4, VOL5, VOL6, VOL7, VOL8, VOL9, VOL10, VOL11, VOL12, VOL13, VOL14, VOL15, VOL16, VOL17, VOL18, VOL19, VOL20, VOL21, VOL22, VOL23, VOL24, VOL25, VOL26, VOL27, VOL28, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_{2.5} IN MICROGRAMS/M³

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431824.47	3720637.57	2.35614	(19122324)	431839.58
3720538.42	1.82212	(20120824)		
431848.44	3720506.30	1.37806	(19123124)	431808.02
3720544.24	1.29030	(20120824)		
432072.45	3720450.37	2.53644c	(21110924)	432046.42

3720409.11	2.40731 (17010324)	
432081.39	3720459.96	2.55900c (21110924) 432108.76
3720473.97	2.17400c (21110924)	
431818.11	3720498.90	0.95398 (19123124) 431824.87
3720465.08	0.82964 (19123124)	
431746.87	3720630.10	1.07360 (19122324) 431718.91
3720636.87	0.86771 (20120824)	
431769.86	3720571.04	0.96622 (21122324) 431828.48
3720830.29	3.76965 (21121324)	
431795.56	3720851.94	2.30336 (21121324) 431709.90
3720687.81	1.34276 (20120824)	
431720.72	3720650.84	0.98495 (20120824) 431690.06
3720613.42	0.63460 (20120824)	
431685.55	3720648.14	0.74567 (20120824) 431653.09
3720714.87	0.84556 (21122324)	
431660.75	3720740.12	1.07853 (19122324) 431667.06
3720767.17	1.33388 (19122324)	
431672.47	3720800.08	1.34271 (21123024) 431676.08
3720826.23	1.41272 (21123024)	
431680.14	3720851.94	1.32182 (21123024) 433382.64
3721167.41	0.03945 (17021624)	
433341.15	3721247.68	0.03991 (17120424) 433323.12
3721251.28	0.04064 (17120424)	
432993.01	3721124.56	0.04962 (17011924) 432819.84
3721275.64	0.07425 (21121424)	
432735.51	3721287.81	0.07852 (21121424) 432701.69
3721285.56	0.07907 (21121424)	
432888.84	3721184.54	0.05613 (21121424) 432798.65
3721183.19	0.07254 (21121424)	
432741.38	3721201.68	0.08216 (21121424) 432669.67
3721211.60	0.08783 (21121424)	
432802.71	3721413.18	0.06440 (21121424) 432674.64
3721290.52	0.07810 (21121424)	
432613.30	3721308.11	0.09013 (19061724) 432550.62
3721318.93	0.10036 (19061724)	
432615.11	3721232.79	0.08805 (19061724) 432534.84
3721218.82	0.10937 (19061724)	
432381.96	3721246.77	0.14849 (19051524) 432413.98
3721344.18	0.12352 (19051524)	
432490.19	3721330.65	0.10938 (19051524) 432375.65
3721348.24	0.12628 (19051524)	
432365.73	3721270.22	0.14734 (19051524) 432314.77
3721271.13	0.15363 (19051524)	
432246.67	3721271.13	0.15163 (19051524) 432302.59
3721208.44	0.17764 (19051524)	
432234.05	3721217.01	0.17868 (19051524) 432247.12
3721359.97	0.12388 (20040624)	
432356.71	3721352.75	0.12563 (19051524) 432289.06
3721101.11	0.21888 (19051524)	
432217.81	3721121.86	0.23444 (19051524) 432214.66

3721047.45	0.27944	(19051524)	
432280.04	3721039.78	0.24430	(19051524) 432195.26
3720984.32	0.33386	(19051524)	
432188.05	3720943.73	0.37237	(19051524) 432243.97
3720808.89	0.38525	(19062024)	
432150.62	3720733.13	0.77674	(19062024) 432249.83
3720693.00	0.42833b	(21120924)	
432206.99	3720559.06	1.02180b	(21120924) 432232.69
3720348.46	0.57010	(21122224)	
432180.38	3720350.72	0.72428	(21122224) 432183.09
3720281.27	0.56140	(17122224)	
432236.75	3720646.55	0.60181b	(21120924) 432042.84
3720348.46	1.56655	(17010324)	
431941.37	3720348.46	1.00906	(19031524) 431888.61
3720357.48	0.78135	(20020424)	
431923.34	3720345.30	0.89633	(19031524) 431907.10
3720352.52	0.88826	(20020424)	
431851.18	3720360.64	0.57134	(19123124) 431852.21
3720441.91	0.91161	(19123124)	
431852.07	3720489.04	1.24252	(19123124) 431845.13
3720523.74	1.61953	(20120824)	
431823.30	3720473.86	0.85992	(19123124) 431823.88
3720457.81	0.79386	(19123124)	
431793.30	3720942.34	1.03764	(21121324) 431690.56
3720987.19	0.88027	(21121324)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_{2.5} IN MICROGRAMS/M³

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431680.98	3720921.25	1.10761	(21121324)	432011.44
3720873.33	0.76776	(17032124)		
432052.07	3720849.95	0.74371	(19062024)	432084.66
3720824.64	0.74854	(19062024)		
432095.01	3720762.16	0.93760	(19062024)	432127.98
3720889.43	0.51511	(19062024)		
432095.77	3720936.20	0.46409	(19051524)	431860.12
3720941.68	0.84919	(21041324)		
431774.93	3721018.65	0.55075	(21121324)	431864.43
3720908.43	1.04678	(21041324)		
431846.93	3720964.64	0.74993	(21041324)	431144.82
3719945.78	0.04943	(20010724)		
431157.20	3719933.07	0.05107	(20010724)	431994.43
3719146.82	0.03753	(19021224)		
431999.70	3719120.50	0.03706	(19021224)	434516.47
3720617.48	0.03534	(21121624)		
434406.06	3720633.41	0.03814	(21121624)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

** CONC OF PM_{2.5} IN MICROGRAMS/M**3

**

GROUP ID	DATE	NETWORK	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	(YYMMDDHH)	AVERAGE CONC OF TYPE GRID-ID	

ALL HIGH 1ST HIGH VALUE IS 3.76965 ON 21121324: AT (431828.48,
 3720830.29, 96.22, 114.81, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR

DC = DISCCART
DP = DISCPOLR
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*** MODELOPTs: RegDEFAULT 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 41 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W186 687 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 687 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

CN W732 1176 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2017021824
CN W732 10368 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
CN W732 12408 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
CN W732 22848 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2019081024
CN W732 28032 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
CN W732 28056 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
CN W732 28080 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
CN W732 28104 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624

CN W732	28512	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224		
CN W732	28536	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324		
CN W732	28632	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724		
CN W732	28944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024		
CN W732	33024	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724		
CN W732	33096	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024		
CN W732	33888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224		
CN W732	34032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824		
CN W732	34080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024		
CN W732	34104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124		
CN W732	34128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224		
CN W732	34152	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324		
CN W732	34176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424		
CN W732	34200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524		
CN W732	34680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524		
CN W732	34824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124		
CN W732	35280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924		
CN W732	35304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024		
CN W732	35328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124		
CN W732	35352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224		
CN W732	35616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324		
CN W732	35640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424		
CN W732	35664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524		
CN W732	36816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424		
CN W732	37200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024		

CN W732 37296 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
CN W732 38760 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
CN W732 39888 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021072024
CN W732 40920 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
CN W732 41808 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824
CN W732 41832 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924

*** AERMOD Finishes Successfully ***

** Lakes Environmental AERMOD MPI

**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 13.0.0

** Lakes Environmental Software Inc.

** Date: 2/28/2025

** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Ops LST CO\Ops LST
CO.ADI

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** AERMOD Control Pathway

**

**

CO STARTING

TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is

MODELOPT DFAULT CONC

AVERTIME 1 8

URBANOPT 3135755 County_of_Orange

POLLUTID CO

FLAGPOLE 2.00

RUNORNOT RUN

ERRORFIL "Ops LST CO.err"

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION VOL1	VOLUME	431744.348	3720778.946	108.580
LOCATION VOL2	VOLUME	431744.151	3720719.793	110.190
LOCATION VOL3	VOLUME	431804.263	3720766.504	107.220
LOCATION VOL4	VOLUME	431777.461	3720706.392	110.210
LOCATION VOL5	VOLUME	431838.722	3720705.627	105.240
LOCATION VOL6	VOLUME	431871.266	3720796.369	98.590
LOCATION VOL7	VOLUME	431859.014	3720765.355	106.310
LOCATION VOL8	VOLUME	431919.509	3720735.491	97.360
LOCATION VOL9	VOLUME	431859.397	3720645.515	105.340
LOCATION VOL10	VOLUME	431899.599	3720704.861	103.630
LOCATION VOL11	VOLUME	431793.159	3720683.037	110.180
LOCATION VOL12	VOLUME	431854.803	3720601.867	105.740
LOCATION VOL13	VOLUME	431870.501	3720581.957	104.710
LOCATION VOL14	VOLUME	431888.879	3720564.728	103.860
LOCATION VOL15	VOLUME	431907.640	3720544.818	102.020
LOCATION VOL16	VOLUME	431922.189	3720525.291	101.430
LOCATION VOL17	VOLUME	431942.864	3720464.414	99.890
LOCATION VOL18	VOLUME	431957.797	3720425.360	100.120
LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630
LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310

** Source Parameters **

SRCPARAM VOL1	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL2	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL3	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL4	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL5	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL6	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL7	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL8	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL9	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL10	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL11	0.0078975472	5.000	13.891	1.400

SRCPARAM VOL12	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL13	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL14	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL15	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL16	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL17	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL18	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL19	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL20	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL21	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL22	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL23	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL24	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL25	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL26	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL27	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL28	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL29	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL30	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL31	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL32	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL33	0.0078975472	5.000	13.891	1.400
SRCPARAM VOL34	0.0078975472	5.000	13.891	1.400

URBANSRC ALL

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "Ops LST CO.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE MSVJ_V11_trimmed.sfc

PROFFILE MSVJ_V11_trimmed.pfl

SURFDATA 93184 2017

UAIRDATA 3190 2017

SITEDATA 60592022 2017

PROFBASE 168.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 8 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "OPS LST CO.AD\01H1GALL.PLT" 31

PLOTFILE 8 ALL 1ST "OPS LST CO.AD\08H1GALL.PLT" 32

SUMMFILE "Ops LST 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 131 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50

ME W187 131 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

- - - - -

**** Model Options Selected:**

- * Model Uses Regulatory DEFAULT 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 34 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * 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: 34 Source(s); 1 Source Group(s); and 97
Receptor(s)**

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 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: 22112**

****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) = 168.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Ops LST CO.err

**File for Summary of Results: Ops LST CO.sum

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	AIRCRAFT		ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

VOL1		0	0.78975E-02	431744.3	3720778.9	108.6	5.00	13.89
1.40	YES		NO					
VOL2		0	0.78975E-02	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES		NO					
VOL3		0	0.78975E-02	431804.3	3720766.5	107.2	5.00	13.89

1.40	YES		NO					
VOL4		0	0.78975E-02	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES		NO					
VOL5		0	0.78975E-02	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES		NO					
VOL6		0	0.78975E-02	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES		NO					
VOL7		0	0.78975E-02	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES		NO					
VOL8		0	0.78975E-02	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES		NO					
VOL9		0	0.78975E-02	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES		NO					
VOL10		0	0.78975E-02	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES		NO					
VOL11		0	0.78975E-02	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES		NO					
VOL12		0	0.78975E-02	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES		NO					
VOL13		0	0.78975E-02	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES		NO					
VOL14		0	0.78975E-02	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES		NO					
VOL15		0	0.78975E-02	431907.6	3720544.8	102.0	5.00	13.89
1.40	YES		NO					
VOL16		0	0.78975E-02	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES		NO					
VOL17		0	0.78975E-02	431942.9	3720464.4	99.9	5.00	13.89
1.40	YES		NO					
VOL18		0	0.78975E-02	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES		NO					
VOL19		0	0.78975E-02	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES		NO					
VOL20		0	0.78975E-02	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES		NO					
VOL21		0	0.78975E-02	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES		NO					
VOL22		0	0.78975E-02	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES		NO					
VOL23		0	0.78975E-02	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES		NO					
VOL24		0	0.78975E-02	431983.8	3720524.9	100.8	5.00	13.89
1.40	YES		NO					
VOL25		0	0.78975E-02	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES		NO					
VOL26		0	0.78975E-02	432027.9	3720489.3	99.9	5.00	13.89
1.40	YES		NO					
VOL27		0	0.78975E-02	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES		NO					
VOL28		0	0.78975E-02	431968.5	3720585.0	102.9	5.00	13.89

1.40	YES			NO				
VOL29		0	0.78975E-02	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES			NO				
VOL30		0	0.78975E-02	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES			NO				
VOL31		0	0.78975E-02	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES			NO				
VOL32		0	0.78975E-02	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES			NO				
VOL33		0	0.78975E-02	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES			NO				
VOL34		0	0.78975E-02	431980.9	3720645.9	102.3	5.00	13.89

1.40 YES NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID		SOURCE IDs	
-----		-----	
ALL	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,		
VOL6	, VOL7 , VOL8 ,		
	VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,		
VOL14	, VOL15 , VOL16 ,		
	VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,		
VOL22	, VOL23 , VOL24 ,		
	VOL25 , VOL26 , VOL27 , VOL28 , VOL29 ,		
VOL30	, VOL31 , VOL32 ,		

VOL33 , VOL34 ,
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs			
-----	-----	-----			
VOL5	3135755.	VOL1	, VOL2	, VOL3	, VOL4
VOL8	, VOL6	, VOL7	,		
	,				
VOL14	VOL9	, VOL10	, VOL11	, VOL12	, VOL13
	, VOL15	, VOL16	,		
VOL22	VOL17	, VOL18	, VOL19	, VOL20	, VOL21
	, VOL23	, VOL24	,		
VOL30	VOL25	, VOL26	, VOL27	, VOL28	, VOL29
	, VOL31	, VOL32	,		

VOL33 , VOL34 ,
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(431824.5, 3720637.6, 107.7, 110.4, 2.0); (431839.6,
 3720538.4, 103.2, 125.7, 2.0);
 (431848.4, 3720506.3, 102.3, 125.7, 2.0); (431808.0,
 3720544.2, 103.9, 126.8, 2.0);
 (432072.5, 3720450.4, 95.2, 100.9, 2.0); (432046.4,
 3720409.1, 94.0, 111.4, 2.0);
 (432081.4, 3720460.0, 95.4, 100.9, 2.0); (432108.8,
 3720474.0, 93.4, 101.0, 2.0);
 (431818.1, 3720498.9, 104.4, 126.8, 2.0); (431824.9,
 3720465.1, 105.1, 125.7, 2.0);
 (431746.9, 3720630.1, 108.4, 108.4, 2.0); (431718.9,
 3720636.9, 111.0, 111.0, 2.0);
 (431769.9, 3720571.0, 107.0, 126.8, 2.0); (431828.5,
 3720830.3, 96.2, 114.8, 2.0);
 (431795.6, 3720851.9, 97.6, 110.2, 2.0); (431709.9,
 3720687.8, 110.8, 118.8, 2.0);

(431720.7, 3720650.8, 110.9, 112.0,	2.0);	(431690.1,
3720613.4, 113.1, 125.2, 2.0);		
(431685.5, 3720648.1, 114.0, 114.0,	2.0);	(431653.1,
3720714.9, 116.8, 116.8, 2.0);		
(431660.8, 3720740.1, 114.9, 114.9,	2.0);	(431667.1,
3720767.2, 111.5, 114.8, 2.0);		
(431672.5, 3720800.1, 108.8, 114.8,	2.0);	(431676.1,
3720826.2, 105.7, 114.8, 2.0);		
(431680.1, 3720851.9, 103.2, 114.8,	2.0);	(433382.6,
3721167.4, 93.2, 93.2, 2.0);		
(433341.1, 3721247.7, 91.2, 91.2,	2.0);	(433323.1,
3721251.3, 91.2, 91.2, 2.0);		
(432993.0, 3721124.6, 86.1, 95.7,	2.0);	(432819.8,
3721275.6, 85.5, 85.5, 2.0);		
(432735.5, 3721287.8, 84.4, 84.4,	2.0);	(432701.7,
3721285.6, 83.2, 83.2, 2.0);		
(432888.8, 3721184.5, 86.9, 86.9,	2.0);	(432798.6,
3721183.2, 84.5, 84.5, 2.0);		
(432741.4, 3721201.7, 83.7, 83.7,	2.0);	(432669.7,
3721211.6, 82.8, 82.8, 2.0);		
(432802.7, 3721413.2, 86.1, 86.1,	2.0);	(432674.6,
3721290.5, 83.1, 83.1, 2.0);		
(432613.3, 3721308.1, 82.2, 82.2,	2.0);	(432550.6,
3721318.9, 82.6, 82.6, 2.0);		
(432615.1, 3721232.8, 82.0, 82.0,	2.0);	(432534.8,
3721218.8, 81.0, 81.0, 2.0);		
(432382.0, 3721246.8, 81.1, 81.1,	2.0);	(432414.0,
3721344.2, 82.8, 82.8, 2.0);		
(432490.2, 3721330.6, 81.6, 81.6,	2.0);	(432375.6,
3721348.2, 83.8, 83.8, 2.0);		
(432365.7, 3721270.2, 81.3, 81.3,	2.0);	(432314.8,
3721271.1, 80.8, 80.8, 2.0);		
(432246.7, 3721271.1, 79.6, 79.6,	2.0);	(432302.6,
3721208.4, 80.2, 80.2, 2.0);		
(432234.0, 3721217.0, 79.3, 79.3,	2.0);	(432247.1,
3721360.0, 83.1, 83.1, 2.0);		
(432356.7, 3721352.8, 84.2, 84.2,	2.0);	(432289.1,
3721101.1, 79.0, 79.0, 2.0);		
(432217.8, 3721121.9, 78.9, 78.9,	2.0);	(432214.7,
3721047.4, 77.7, 77.7, 2.0);		
(432280.0, 3721039.8, 80.5, 80.5,	2.0);	(432195.3,
3720984.3, 79.8, 79.8, 2.0);		
(432188.0, 3720943.7, 80.2, 88.0,	2.0);	(432244.0,
3720808.9, 84.3, 85.5, 2.0);		
(432150.6, 3720733.1, 88.8, 88.8,	2.0);	(432249.8,
3720693.0, 88.1, 88.1, 2.0);		
(432207.0, 3720559.1, 88.1, 88.1,	2.0);	(432232.7,
3720348.5, 91.2, 115.5, 2.0);		
(432180.4, 3720350.7, 90.9, 115.5,	2.0);	(432183.1,
3720281.3, 93.2, 115.5, 2.0);		


```

( 432236.8, 3720646.5, 88.0, 88.0, 2.0); ( 432042.8,
3720348.5, 99.4, 111.4, 2.0);
( 431941.4, 3720348.5, 108.7, 111.4, 2.0); ( 431888.6,
3720357.5, 108.2, 111.6, 2.0);
( 431923.3, 3720345.3, 110.2, 110.2, 2.0); ( 431907.1,
3720352.5, 108.6, 111.1, 2.0);
( 431851.2, 3720360.6, 109.5, 111.6, 2.0); ( 431852.2,
3720441.9, 102.3, 125.7, 2.0);
( 431852.1, 3720489.0, 101.7, 126.8, 2.0); ( 431845.1,
3720523.7, 102.7, 125.7, 2.0);
( 431823.3, 3720473.9, 105.0, 125.7, 2.0); ( 431823.9,
3720457.8, 105.3, 125.7, 2.0);
( 431793.3, 3720942.3, 92.0, 109.9, 2.0); ( 431690.6,
3720987.2, 88.7, 124.1, 2.0);
( 431681.0, 3720921.2, 97.7, 109.5, 2.0); ( 432011.4,
3720873.3, 86.6, 109.9, 2.0);
( 432052.1, 3720849.9, 87.3, 109.9, 2.0); ( 432084.7,
3720824.6, 87.4, 87.4, 2.0);
( 432095.0, 3720762.2, 88.3, 89.5, 2.0); ( 432128.0,
3720889.4, 88.0, 88.0, 2.0);
( 432095.8, 3720936.2, 84.7, 90.0, 2.0); ( 431860.1,
3720941.7, 81.2, 124.1, 2.0);
( 431774.9, 3721018.6, 79.6, 124.1, 2.0); ( 431864.4,
3720908.4, 82.7, 124.1, 2.0);
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 431846.9, 3720964.6, 82.2, 124.1, 2.0); ( 431144.8,
3719945.8, 113.4, 113.4, 2.0);
( 431157.2, 3719933.1, 113.9, 113.9, 2.0); ( 431994.4,
3719146.8, 148.9, 148.9, 2.0);
( 431999.7, 3719120.5, 149.2, 149.2, 2.0); ( 434516.5,
3720617.5, 115.5, 115.5, 2.0);
( 434406.1, 3720633.4, 113.7, 113.7, 2.0);

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*** MODELOPTs:   RegDFault  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

```

*** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***

```

(1=YES; 0=NO)

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

```

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

```
DATA ***                                *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
```

Surface file: MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: MSVJ_V11_trimmed.pfl

Surface format: FREE

Upper air station no.: 3190
Name: UNKNOWN

Year: 2017

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							

17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20
1.00		0.86		69.	10.0	280.0	9.0						
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20
1.00		0.90		61.	10.0	279.7	9.0						
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20
1.00		1.34		69.	10.0	280.4	9.0						
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20
1.00		0.80		67.	10.0	279.9	9.0						
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20
1.00		0.86		113.	10.0	279.8	9.0						
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.26		92.	10.0	279.9	9.0						
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00		1.14		86.	10.0	279.8	9.0						
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53		1.00		98.	10.0	280.2	9.0						
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31		1.12		106.	10.0	283.2	9.0						
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24		1.45		159.	10.0	285.0	9.0						
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21		2.23		183.	10.0	285.5	9.0						
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20		1.83		200.	10.0	286.2	9.0						
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20		2.51		225.	10.0	286.6	9.0						
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21		3.44		205.	10.0	286.5	9.0						
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25		2.57		199.	10.0	286.4	9.0						
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33		2.68		195.	10.0	286.5	9.0						
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61		2.33		190.	10.0	285.5	9.0						
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00		1.29		162.	10.0	284.2	9.0						
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.25		117.	10.0	283.5	9.0						

17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00					1.46	104.	10.0	283.4	9.0				
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00					1.44	120.	10.0	284.0	9.0				
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00					1.34	127.	10.0	284.3	9.0				
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00					1.19	128.	10.0	284.0	9.0				
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00					1.52	129.	10.0	283.9	9.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** 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)		
431824.47	3720637.57	51.94447	(17091907)	431839.58
3720538.42	32.88525	(21120204)		
431848.44	3720506.30	28.00229	(19033001)	431808.02

3720544.24	29.07119	(21120204)	
432072.45	3720450.37	48.67571	(19122116) 432046.42
3720409.11	41.66666	(20090918)	
432081.39	3720459.96	47.80843	(19122116) 432108.76
3720473.97	38.66313	(20041418)	
431818.11	3720498.90	27.85133	(20020723) 431824.87
3720465.08	27.16383	(20102504)	
431746.87	3720630.10	30.16824	(20091405) 431718.91
3720636.87	25.20086	(21090404)	
431769.86	3720571.04	29.37824	(21120204) 431828.48
3720830.29	44.55155	(19021217)	
431795.56	3720851.94	32.67709	(19021217) 431709.90
3720687.81	33.64701	(20050504)	
431720.72	3720650.84	28.91179	(20050504) 431690.06
3720613.42	22.86679	(20020723)	
431685.55	3720648.14	20.94902	(20101104) 431653.09
3720714.87	23.94437	(20020723)	
431660.75	3720740.12	31.19462	(20091405) 431667.06
3720767.17	30.70691	(20091302)	
431672.47	3720800.08	31.84263	(21102222) 431676.08
3720826.23	27.28499	(17010423)	
431680.14	3720851.94	25.43482	(17091907) 433382.64
3721167.41	1.37016	(19040418)	
433341.15	3721247.68	1.33603	(19040418) 433323.12
3721251.28	1.34245	(19040418)	
432993.01	3721124.56	2.02828	(19040418) 432819.84
3721275.64	2.47909	(17070719)	
432735.51	3721287.81	2.74543	(17070719) 432701.69
3721285.56	2.82510	(17070719)	
432888.84	3721184.54	1.94548	(17070719) 432798.65
3721183.19	2.50907	(17070719)	
432741.38	3721201.68	2.86648	(17070719) 432669.67
3721211.60	3.17968	(17070719)	
432802.71	3721413.18	2.21196	(17070719) 432674.64
3721290.52	2.84277	(17070719)	
432613.30	3721308.11	2.73958	(17070719) 432550.62
3721318.93	2.83906	(20082924)	
432615.11	3721232.79	3.22793	(17070719) 432534.84
3721218.82	3.37658	(17070719)	
432381.96	3721246.77	4.66086	(18052223) 432413.98
3721344.18	4.38401	(18052223)	
432490.19	3721330.65	3.55054	(18071405) 432375.65
3721348.24	4.73186	(18052223)	
432365.73	3721270.22	4.84703	(18052223) 432314.77
3721271.13	5.26247	(21021920)	
432246.67	3721271.13	5.61504	(21021920) 432302.59
3721208.44	5.52911	(18052223)	
432234.05	3721217.01	5.98390	(21021920) 432247.12
3721359.97	5.42187	(20022307)	
432356.71	3721352.75	4.88175	(21021920) 432289.06

3721101.11	5.86654	(18052223)	
432217.81	3721121.86	6.64181	(21021920) 432214.66
3721047.45	7.01254	(18052223)	
432280.04	3721039.78	6.15472	(18052223) 432195.26
3720984.32	7.84696	(18052223)	
432188.05	3720943.73	8.31145	(18052223) 432243.97
3720808.89	10.50983	(17070719)	
432150.62	3720733.13	16.27695	(17070719) 432249.83
3720693.00	12.70681	(19040418)	
432206.99	3720559.06	24.26153	(21101617) 432232.69
3720348.46	14.10494	(20041418)	
432180.38	3720350.72	18.22926	(20041418) 432183.09
3720281.27	14.06541	(20090918)	
432236.75	3720646.55	15.47107	(21101617) 432042.84
3720348.46	31.60410	(20090918)	
431941.37	3720348.46	25.36035	(18011621) 431888.61
3720357.48	23.53021	(21122223)	
431923.34	3720345.30	24.62426	(20012122) 431907.10
3720352.52	24.58118	(21121703)	
431851.18	3720360.64	20.59989	(21090405) 431852.21
3720441.91	21.38821	(19033001)	
431852.07	3720489.04	25.39466	(19033001) 431845.13
3720523.74	30.71209	(21120204)	
431823.30	3720473.86	27.35331	(20102504) 431823.88
3720457.81	26.85628	(20102504)	
431793.30	3720942.34	20.83946	(19021217) 431690.56
3720987.19	13.70755	(21121819)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** 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)		
431680.98	3720921.25	17.72728	(17091907)	432011.44
3720873.33	14.37173	(20122620)		
432052.07	3720849.95	13.95943	(20022307)	432084.66
3720824.64	13.68673	(20022307)		
432095.01	3720762.16	16.93532	(17070719)	432127.98
3720889.43	11.07734	(21021920)		
432095.77	3720936.20	10.69789	(20022307)	431860.12
3720941.68	18.83032	(19021217)		
431774.93	3721018.65	13.74210	(19021217)	431864.43
3720908.43	23.17989	(19021217)		
431846.93	3720964.64	17.36602	(19021217)	431144.82
3719945.78	5.49253	(17011607)		
431157.20	3719933.07	5.65841	(21021004)	431994.43
3719146.82	5.10460	(20010218)		
431999.70	3719120.50	5.02150	(20010218)	434516.47
3720617.48	2.06578	(18122507)		
434406.06	3720633.41	2.04133	(18122507)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10
, VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18
, VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26
, VOL27 , VOL28 , . . . ,

*** 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)	
431824.47	3720637.57	35.16687	(17010508) 431839.58
3720538.42	26.68123	(21020308)	
431848.44	3720506.30	22.10380	(21020308) 431808.02
3720544.24	20.01483	(20021708)	
432072.45	3720450.37	25.12993	(19012824) 432046.42
3720409.11	20.93214	(18020124)	
432081.39	3720459.96	25.00320	(19012824) 432108.76
3720473.97	20.13521	(19012824)	
431818.11	3720498.90	17.56552	(18122708) 431824.87
3720465.08	15.87833	(21012708)	
431746.87	3720630.10	21.81321	(17012208) 431718.91
3720636.87	20.97075	(18123108)	
431769.86	3720571.04	19.34915	(17012208) 431828.48
3720830.29	19.71232	(19021224)	
431795.56	3720851.94	14.14486	(19021224) 431709.90
3720687.81	22.96289	(18123108)	
431720.72	3720650.84	22.07009	(18123108) 431690.06
3720613.42	17.18332	(20123108)	
431685.55	3720648.14	18.52895	(18123108) 431653.09
3720714.87	19.47103	(18123108)	
431660.75	3720740.12	19.96945	(17012208) 431667.06
3720767.17	16.82614	(19011508)	
431672.47	3720800.08	15.72421	(21122924) 431676.08
3720826.23	12.00633	(21122924)	
431680.14	3720851.94	9.72215	(21122924) 433382.64
3721167.41	0.47472	(19040424)	
433341.15	3721247.68	0.48002	(19040424) 433323.12
3721251.28	0.48678	(19040424)	
432993.01	3721124.56	0.75148	(19040424) 432819.84
3721275.64	0.74183	(17070724)	
432735.51	3721287.81	0.82233	(17070724) 432701.69
3721285.56	0.85572	(17070724)	
432888.84	3721184.54	0.76404	(19040424) 432798.65
3721183.19	0.82347	(17050624)	
432741.38	3721201.68	0.86915	(17070724) 432669.67
3721211.60	0.96125	(17070724)	
432802.71	3721413.18	0.67266	(17070724) 432674.64
3721290.52	0.87499	(17070724)	
432613.30	3721308.11	0.92505	(17013124) 432550.62
3721318.93	1.11099	(21081208)	
432615.11	3721232.79	1.00330	(17070724) 432534.84
3721218.82	1.13499	(17013124)	
432381.96	3721246.77	1.89905	(21081208) 432413.98
3721344.18	1.73892	(21081208)	
432490.19	3721330.65	1.38115	(21081208) 432375.65
3721348.24	1.90313	(21081208)	
432365.73	3721270.22	1.97586	(21081208) 432314.77

3721271.13	2.19334	(21081208)	
432246.67	3721271.13	2.38278	(21081208) 432302.59
3721208.44	2.34039	(21081208)	
432234.05	3721217.01	2.58104	(21081208) 432247.12
3721359.97	2.15952	(21081208)	
432356.71	3721352.75	1.97048	(21081208) 432289.06
3721101.11	2.55456	(21081208)	
432217.81	3721121.86	2.96316	(21081208) 432214.66
3721047.45	3.22536	(21081208)	
432280.04	3721039.78	2.73637	(21081208) 432195.26
3720984.32	3.70989	(21081208)	
432188.05	3720943.73	4.00429	(21081208) 432243.97
3720808.89	4.28666	(19040424)	
432150.62	3720733.13	7.72134	(21101624) 432249.83
3720693.00	5.71501	(19040424)	
432206.99	3720559.06	8.55530	(19040524) 432232.69
3720348.46	5.33767	(18020124)	
432180.38	3720350.72	6.90114	(18020124) 432183.09
3720281.27	5.35691	(18020124)	
432236.75	3720646.55	6.66850	(19040424) 432042.84
3720348.46	12.46732	(20090924)	
431941.37	3720348.46	17.86891	(17021224) 431888.61
3720357.48	16.68426	(17122908)	
431923.34	3720345.30	17.13079	(21011608) 431907.10
3720352.52	17.29292	(21011608)	
431851.18	3720360.64	15.91986	(18013008) 431852.21
3720441.91	14.98644	(21123108)	
431852.07	3720489.04	19.96036	(21020308) 431845.13
3720523.74	24.84079	(21020308)	
431823.30	3720473.86	16.37362	(21012708) 431823.88
3720457.81	15.28222	(21012708)	
431793.30	3720942.34	7.48220	(19021224) 431690.56
3720987.19	4.71725	(21121824)	

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26

, VOL27, VOL28, . . . ,

*** 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)		
431680.98	3720921.25	6.18115	(21121824)	432011.44
3720873.33	8.06471 (19072708)			
432052.07	3720849.95	7.81481	(21110824)	432084.66
3720824.64	7.52285 (21110824)			
432095.01	3720762.16	9.15295	(19122924)	432127.98
3720889.43	5.62301 (21081208)			
432095.77	3720936.20	5.24228	(21081208)	431860.12
3720941.68	7.20640 (19021224)			
431774.93	3721018.65	4.78159	(19021224)	431864.43
3720908.43	8.99026 (19021224)			
431846.93	3720964.64	6.43851	(19021224)	431144.82
3719945.78	3.87355 (18013008)			
431157.20	3719933.07	3.94662	(19121808)	431994.43
3719146.82	1.74363 (21101208)			
431999.70	3719120.50	1.71294	(21101208)	434516.47
3720617.48	0.89036 (18122508)			
434406.06	3720633.41	0.86560	(18122508)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE OF TYPE	NETWORK CONC GRID-ID	DATE (YYMMDDHH)	RECEPTOR

- - - - -
ALL HIGH 1ST HIGH VALUE IS 51.94447 ON 17091907: AT (431824.47,
3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 02/28/25
*** AERMET - VERSION 22112 *** ***
*** 10:34:43

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR
RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	(YYMMDDHH)	
	GRID-ID		
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

ALL HIGH 1ST HIGH VALUE IS 35.16687 ON 17010508: AT (431824.47,
3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 02/28/25
*** AERMET - VERSION 22112 *** ***
*** 10:34:43

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*** MODELOPTs: RegDFAULT 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 50 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W186	131	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187	131	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W733	1168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017021816		
CN W733	10360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018030816		
CN W733	12400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018060116		
CN W733	19512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019032424		
CN W733	22840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019081016		
CN W733	28024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031316		
CN W733	28048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031416		
CN W733	28072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031516		
CN W733	28096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031616		
CN W733	28504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040216		
CN W733	28528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040316		
CN W733	28624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040716		
CN W733	28936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020042016		
CN W733	33016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100716		

CN W733	33088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101016		
CN W733	33264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101724		
CN W733	33880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111216		
CN W733	34024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111816		
CN W733	34072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112016		
CN W733	34096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112116		
CN W733	34120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112216		
CN W733	34144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112316		
CN W733	34168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112416		
CN W733	34192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112516		
CN W733	34672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020121516		
CN W733	34816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020122116		
CN W733	35272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021010916		
CN W733	35296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011016		
CN W733	35320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011116		
CN W733	35344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011216		
CN W733	35608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012316		
CN W733	35632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012416		
CN W733	35656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012516		
CN W733	36808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031416		
CN W733	37192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021033016		
CN W733	37288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040316		
CN W733	37760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021042308		
CN W733	37784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021042408		
CN W733	38752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021060316		

CN W733	39888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072024		
CN W733	39896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072108		
CN W733	40088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072908		
CN W733	40912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021090116		
CN W733	41384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021092108		
CN W733	41800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100816		
CN W733	41824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100916		
CN W733	43272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021120824		
CN W733	43536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021121924		

 *** AERMOD Finishes Successfully ***

** Lakes Environmental AERMOD MPI
 **

 **

** AERMOD Input Produced by:
 ** AERMOD View Ver. 13.0.0
 ** Lakes Environmental Software Inc.
 ** Date: 2/28/2025
 ** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Ops LST NOx\Ops LST
 NOx.ADI
 **

 **
 **

 ** AERMOD Control Pathway

 **
 **

CO STARTING
 TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
 MODELOPT DFAULT CONC
 AVERTIME 1
 URBANOPT 3135755 County_of_Orange
 POLLUTID NOX
 FLAGPOLE 2.00
 RUNORNOT RUN
 ERRORFIL "Ops LST NOx.err"

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION VOL1	VOLUME	431744.348	3720778.946	108.580
LOCATION VOL2	VOLUME	431744.151	3720719.793	110.190
LOCATION VOL3	VOLUME	431804.263	3720766.504	107.220
LOCATION VOL4	VOLUME	431777.461	3720706.392	110.210
LOCATION VOL5	VOLUME	431838.722	3720705.627	105.240
LOCATION VOL6	VOLUME	431871.266	3720796.369	98.590
LOCATION VOL7	VOLUME	431859.014	3720765.355	106.310
LOCATION VOL8	VOLUME	431919.509	3720735.491	97.360
LOCATION VOL9	VOLUME	431859.397	3720645.515	105.340
LOCATION VOL10	VOLUME	431899.599	3720704.861	103.630
LOCATION VOL11	VOLUME	431793.159	3720683.037	110.180
LOCATION VOL12	VOLUME	431854.803	3720601.867	105.740
LOCATION VOL13	VOLUME	431870.501	3720581.957	104.710
LOCATION VOL14	VOLUME	431888.879	3720564.728	103.860
LOCATION VOL15	VOLUME	431907.640	3720544.818	102.020
LOCATION VOL16	VOLUME	431922.189	3720525.291	101.430
LOCATION VOL17	VOLUME	431942.864	3720464.414	99.890
LOCATION VOL18	VOLUME	431957.797	3720425.360	100.120
LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630
LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310

** Source Parameters **

SRCPARAM VOL1	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL2	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL3	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL4	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL5	0.0003691738	5.000	13.891	1.400

SRCPARAM VOL6	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL7	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL8	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL9	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL10	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL11	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL12	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL13	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL14	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL15	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL16	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL17	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL18	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL19	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL20	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL21	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL22	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL23	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL24	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL25	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL26	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL27	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL28	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL29	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL30	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL31	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL32	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL33	0.0003691738	5.000	13.891	1.400
SRCPARAM VOL34	0.0003691738	5.000	13.891	1.400

URBANSRC ALL

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "Ops LST N0x.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE MSVJ_V11_trimmed.sfc

PROFFILE MSVJ_V11_trimmed.pfl

SURFDATA 93184 2017
 UAIRDATA 3190 2017
 SITEDATA 60592022 2017
 PROFBASE 168.0 METERS
 ME FINISHED
 **

 ** AERMOD Output Pathway

 **
 **
 OU STARTING
 RECTABLE ALLAVE 1ST
 RECTABLE 1 1ST
 ** Auto-Generated Plotfiles
 PLOTFILE 1 ALL 1ST "OPS LST NOX.AD\01H1GALL.PLT" 31
 SUMMFILE "Ops LST 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	131	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187	131	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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 Terravita\16380 Terravita.is *** 02/28/25
 *** AERMET - VERSION 22112 *** ***
 *** 10:59:25

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 34 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: NOX

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 34 Source(s); 1 Source Group(s); and 97
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 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: 22112

**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) = 168.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Ops LST NOx.err

**File for Summary of Results: Ops LST NOx.sum

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*** AERMET - VERSION 22112 *** ***
*** 10:59:25

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
	SOURCE	EMISSION	RATE	AIRCRAFT		ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY					
	ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						
- - - - -								
- - - - -								
VOL1		0	0.36917E-03	431744.3	3720778.9	108.6	5.00	13.89

1.40	YES			NO				
VOL2		0	0.36917E-03	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES			NO				
VOL3		0	0.36917E-03	431804.3	3720766.5	107.2	5.00	13.89
1.40	YES			NO				
VOL4		0	0.36917E-03	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES			NO				
VOL5		0	0.36917E-03	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES			NO				
VOL6		0	0.36917E-03	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES			NO				
VOL7		0	0.36917E-03	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES			NO				
VOL8		0	0.36917E-03	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES			NO				
VOL9		0	0.36917E-03	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES			NO				
VOL10		0	0.36917E-03	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES			NO				
VOL11		0	0.36917E-03	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES			NO				
VOL12		0	0.36917E-03	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES			NO				
VOL13		0	0.36917E-03	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES			NO				
VOL14		0	0.36917E-03	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES			NO				
VOL15		0	0.36917E-03	431907.6	3720544.8	102.0	5.00	13.89
1.40	YES			NO				
VOL16		0	0.36917E-03	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES			NO				
VOL17		0	0.36917E-03	431942.9	3720464.4	99.9	5.00	13.89
1.40	YES			NO				
VOL18		0	0.36917E-03	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES			NO				
VOL19		0	0.36917E-03	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES			NO				
VOL20		0	0.36917E-03	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES			NO				
VOL21		0	0.36917E-03	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES			NO				
VOL22		0	0.36917E-03	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES			NO				
VOL23		0	0.36917E-03	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES			NO				
VOL24		0	0.36917E-03	431983.8	3720524.9	100.8	5.00	13.89
1.40	YES			NO				
VOL25		0	0.36917E-03	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES			NO				
VOL26		0	0.36917E-03	432027.9	3720489.3	99.9	5.00	13.89

1.40	YES			NO				
VOL27		0	0.36917E-03	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES			NO				
VOL28		0	0.36917E-03	431968.5	3720585.0	102.9	5.00	13.89
1.40	YES			NO				
VOL29		0	0.36917E-03	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES			NO				
VOL30		0	0.36917E-03	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES			NO				
VOL31		0	0.36917E-03	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES			NO				
VOL32		0	0.36917E-03	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES			NO				
VOL33		0	0.36917E-03	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES			NO				
VOL34		0	0.36917E-03	431980.9	3720645.9	102.3	5.00	13.89
1.40	YES			NO				

^ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
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 *** 10:59:25

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

ALL	VOL1	,	VOL2	,	VOL3	,	VOL4	,	VOL5	,
VOL6	,	VOL7	,	VOL8	,					
	VOL9	,	VOL10	,	VOL11	,	VOL12	,	VOL13	,
VOL14	,	VOL15	,	VOL16	,					
	VOL17	,	VOL18	,	VOL19	,	VOL20	,	VOL21	,
VOL22	,	VOL23	,	VOL24	,					
	VOL25	,	VOL26	,	VOL27	,	VOL28	,	VOL29	,
VOL30	,	VOL31	,	VOL32	,					
	VOL33	,	VOL34	,						

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 *** AERMET - VERSION 22112 *** ***
 *** 10:59:25

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
VOL5	3135755.	VOL1 , VOL2 , VOL3 , VOL4 ,
VOL8	, VOL6 ,	, VOL7 ,
VOL14	VOL9 , VOL15	, VOL10 , VOL11 , VOL12 , VOL13 ,
VOL22	, VOL17 , VOL23	, VOL18 , VOL19 , VOL20 , VOL21 ,
VOL30	, VOL25 , VOL31	, VOL26 , VOL27 , VOL28 , VOL29 ,
	VOL33 , VOL34	,

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 *** AERMET - VERSION 22112 ***
 *** 10:59:25

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(431824.5, 3720637.6, 107.7, 110.4, 2.0);	(431839.6, 3720538.4, 103.2, 125.7, 2.0);
(431848.4, 3720506.3, 102.3, 125.7, 2.0);	(431808.0, 3720544.2, 103.9, 126.8, 2.0);
(432072.5, 3720450.4, 95.2, 100.9, 2.0);	(432046.4, 3720409.1, 94.0, 111.4, 2.0);
(432081.4, 3720460.0, 95.4, 100.9, 2.0);	(432108.8, 3720474.0, 93.4, 101.0, 2.0);
(431818.1, 3720498.9, 104.4, 126.8, 2.0);	(431824.9, 3720465.1, 105.1, 125.7, 2.0);
(431746.9, 3720630.1, 108.4, 108.4, 2.0);	(431718.9, 3720636.9, 111.0, 111.0, 2.0);

(431769.9, 3720571.0, 107.0, 126.8,	2.0);	(431828.5,
3720830.3, 96.2, 114.8, 2.0);		
(431795.6, 3720851.9, 97.6, 110.2,	2.0);	(431709.9,
3720687.8, 110.8, 118.8, 2.0);		
(431720.7, 3720650.8, 110.9, 112.0,	2.0);	(431690.1,
3720613.4, 113.1, 125.2, 2.0);		
(431685.5, 3720648.1, 114.0, 114.0,	2.0);	(431653.1,
3720714.9, 116.8, 116.8, 2.0);		
(431660.8, 3720740.1, 114.9, 114.9,	2.0);	(431667.1,
3720767.2, 111.5, 114.8, 2.0);		
(431672.5, 3720800.1, 108.8, 114.8,	2.0);	(431676.1,
3720826.2, 105.7, 114.8, 2.0);		
(431680.1, 3720851.9, 103.2, 114.8,	2.0);	(433382.6,
3721167.4, 93.2, 93.2, 2.0);		
(433341.1, 3721247.7, 91.2, 91.2,	2.0);	(433323.1,
3721251.3, 91.2, 91.2, 2.0);		
(432993.0, 3721124.6, 86.1, 95.7,	2.0);	(432819.8,
3721275.6, 85.5, 85.5, 2.0);		
(432735.5, 3721287.8, 84.4, 84.4,	2.0);	(432701.7,
3721285.6, 83.2, 83.2, 2.0);		
(432888.8, 3721184.5, 86.9, 86.9,	2.0);	(432798.6,
3721183.2, 84.5, 84.5, 2.0);		
(432741.4, 3721201.7, 83.7, 83.7,	2.0);	(432669.7,
3721211.6, 82.8, 82.8, 2.0);		
(432802.7, 3721413.2, 86.1, 86.1,	2.0);	(432674.6,
3721290.5, 83.1, 83.1, 2.0);		
(432613.3, 3721308.1, 82.2, 82.2,	2.0);	(432550.6,
3721318.9, 82.6, 82.6, 2.0);		
(432615.1, 3721232.8, 82.0, 82.0,	2.0);	(432534.8,
3721218.8, 81.0, 81.0, 2.0);		
(432382.0, 3721246.8, 81.1, 81.1,	2.0);	(432414.0,
3721344.2, 82.8, 82.8, 2.0);		
(432490.2, 3721330.6, 81.6, 81.6,	2.0);	(432375.6,
3721348.2, 83.8, 83.8, 2.0);		
(432365.7, 3721270.2, 81.3, 81.3,	2.0);	(432314.8,
3721271.1, 80.8, 80.8, 2.0);		
(432246.7, 3721271.1, 79.6, 79.6,	2.0);	(432302.6,
3721208.4, 80.2, 80.2, 2.0);		
(432234.0, 3721217.0, 79.3, 79.3,	2.0);	(432247.1,
3721360.0, 83.1, 83.1, 2.0);		
(432356.7, 3721352.8, 84.2, 84.2,	2.0);	(432289.1,
3721101.1, 79.0, 79.0, 2.0);		
(432217.8, 3721121.9, 78.9, 78.9,	2.0);	(432214.7,
3721047.4, 77.7, 77.7, 2.0);		
(432280.0, 3721039.8, 80.5, 80.5,	2.0);	(432195.3,
3720984.3, 79.8, 79.8, 2.0);		
(432188.0, 3720943.7, 80.2, 88.0,	2.0);	(432244.0,
3720808.9, 84.3, 85.5, 2.0);		
(432150.6, 3720733.1, 88.8, 88.8,	2.0);	(432249.8,
3720693.0, 88.1, 88.1, 2.0);		

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( 432207.0, 3720559.1, 88.1, 88.1, 2.0); ( 432232.7,
3720348.5, 91.2, 115.5, 2.0);
( 432180.4, 3720350.7, 90.9, 115.5, 2.0); ( 432183.1,
3720281.3, 93.2, 115.5, 2.0);
( 432236.8, 3720646.5, 88.0, 88.0, 2.0); ( 432042.8,
3720348.5, 99.4, 111.4, 2.0);
( 431941.4, 3720348.5, 108.7, 111.4, 2.0); ( 431888.6,
3720357.5, 108.2, 111.6, 2.0);
( 431923.3, 3720345.3, 110.2, 110.2, 2.0); ( 431907.1,
3720352.5, 108.6, 111.1, 2.0);
( 431851.2, 3720360.6, 109.5, 111.6, 2.0); ( 431852.2,
3720441.9, 102.3, 125.7, 2.0);
( 431852.1, 3720489.0, 101.7, 126.8, 2.0); ( 431845.1,
3720523.7, 102.7, 125.7, 2.0);
( 431823.3, 3720473.9, 105.0, 125.7, 2.0); ( 431823.9,
3720457.8, 105.3, 125.7, 2.0);
( 431793.3, 3720942.3, 92.0, 109.9, 2.0); ( 431690.6,
3720987.2, 88.7, 124.1, 2.0);
( 431681.0, 3720921.2, 97.7, 109.5, 2.0); ( 432011.4,
3720873.3, 86.6, 109.9, 2.0);
( 432052.1, 3720849.9, 87.3, 109.9, 2.0); ( 432084.7,
3720824.6, 87.4, 87.4, 2.0);
( 432095.0, 3720762.2, 88.3, 89.5, 2.0); ( 432128.0,
3720889.4, 88.0, 88.0, 2.0);
( 432095.8, 3720936.2, 84.7, 90.0, 2.0); ( 431860.1,
3720941.7, 81.2, 124.1, 2.0);
( 431774.9, 3721018.6, 79.6, 124.1, 2.0); ( 431864.4,
3720908.4, 82.7, 124.1, 2.0);
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*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 431846.9, 3720964.6, 82.2, 124.1, 2.0); ( 431144.8,
3719945.8, 113.4, 113.4, 2.0);
( 431157.2, 3719933.1, 113.9, 113.9, 2.0); ( 431994.4,
3719146.8, 148.9, 148.9, 2.0);
( 431999.7, 3719120.5, 149.2, 149.2, 2.0); ( 434516.5,
3720617.5, 115.5, 115.5, 2.0);
( 434406.1, 3720633.4, 113.7, 113.7, 2.0);

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Terravita\16380 Terravita.is *** 02/28/25

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Surface file: MSVJ_V11_trimmed.sfc
Met Version: 22112

17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20
1.00		0.86	69.		10.0	280.0	9.0						
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20
1.00		0.90	61.		10.0	279.7	9.0						
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20
1.00		1.34	69.		10.0	280.4	9.0						
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20
1.00		0.80	67.		10.0	279.9	9.0						
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20
1.00		0.86	113.		10.0	279.8	9.0						
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.26	92.		10.0	279.9	9.0						
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00		1.14	86.		10.0	279.8	9.0						
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53		1.00	98.		10.0	280.2	9.0						
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31		1.12	106.		10.0	283.2	9.0						
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24		1.45	159.		10.0	285.0	9.0						
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21		2.23	183.		10.0	285.5	9.0						
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20		1.83	200.		10.0	286.2	9.0						
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20		2.51	225.		10.0	286.6	9.0						
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21		3.44	205.		10.0	286.5	9.0						
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25		2.57	199.		10.0	286.4	9.0						
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33		2.68	195.		10.0	286.5	9.0						
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61		2.33	190.		10.0	285.5	9.0						

17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00	1.29	162.	10.0	284.2	9.0								
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00	1.25	117.	10.0	283.5	9.0								
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00	1.46	104.	10.0	283.4	9.0								
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00	1.44	120.	10.0	284.0	9.0								
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00	1.34	127.	10.0	284.3	9.0								
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00	1.19	128.	10.0	284.0	9.0								
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00	1.52	129.	10.0	283.9	9.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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 *** AERMET - VERSION 22112 ***
 *** 10:59:25

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF NOX IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		

431824.47	3720637.57	2.42816	(17091907)	431839.58
3720538.42	1.53723	(21120204)		
431848.44	3720506.30	1.30898	(19033001)	431808.02
3720544.24	1.35894	(21120204)		
432072.45	3720450.37	2.27536	(19122116)	432046.42
3720409.11	1.94772	(20090918)		
432081.39	3720459.96	2.23482	(19122116)	432108.76
3720473.97	1.80732	(20041418)		
431818.11	3720498.90	1.30192	(20020723)	431824.87
3720465.08	1.26978	(20102504)		
431746.87	3720630.10	1.41023	(20091405)	431718.91
3720636.87	1.17802	(21090404)		
431769.86	3720571.04	1.37330	(21120204)	431828.48
3720830.29	2.08258	(19021217)		
431795.56	3720851.94	1.52750	(19021217)	431709.90
3720687.81	1.57284	(20050504)		
431720.72	3720650.84	1.35149	(20050504)	431690.06
3720613.42	1.06892	(20020723)		
431685.55	3720648.14	0.97927	(20101104)	431653.09
3720714.87	1.11929	(20020723)		
431660.75	3720740.12	1.45820	(20091405)	431667.06
3720767.17	1.43541	(20091302)		
431672.47	3720800.08	1.48850	(21102222)	431676.08
3720826.23	1.27545	(17010423)		
431680.14	3720851.94	1.18896	(17091907)	433382.64
3721167.41	0.06405	(19040418)		
433341.15	3721247.68	0.06245	(19040418)	433323.12
3721251.28	0.06275	(19040418)		
432993.01	3721124.56	0.09481	(19040418)	432819.84
3721275.64	0.11589	(17070719)		
432735.51	3721287.81	0.12834	(17070719)	432701.69
3721285.56	0.13206	(17070719)		
432888.84	3721184.54	0.09094	(17070719)	432798.65
3721183.19	0.11729	(17070719)		
432741.38	3721201.68	0.13399	(17070719)	432669.67
3721211.60	0.14864	(17070719)		
432802.71	3721413.18	0.10340	(17070719)	432674.64
3721290.52	0.13289	(17070719)		
432613.30	3721308.11	0.12806	(17070719)	432550.62
3721318.93	0.13271	(20082924)		
432615.11	3721232.79	0.15089	(17070719)	432534.84
3721218.82	0.15784	(17070719)		
432381.96	3721246.77	0.21787	(18052223)	432413.98
3721344.18	0.20493	(18052223)		
432490.19	3721330.65	0.16597	(18071405)	432375.65
3721348.24	0.22119	(18052223)		
432365.73	3721270.22	0.22658	(18052223)	432314.77
3721271.13	0.24600	(21021920)		
432246.67	3721271.13	0.26248	(21021920)	432302.59

3721208.44	0.25846	(18052223)	
432234.05	3721217.01	0.27972	(21021920) 432247.12
3721359.97	0.25345	(20022307)	
432356.71	3721352.75	0.22820	(21021920) 432289.06
3721101.11	0.27423	(18052223)	
432217.81	3721121.86	0.31047	(21021920) 432214.66
3721047.45	0.32780	(18052223)	
432280.04	3721039.78	0.28770	(18052223) 432195.26
3720984.32	0.36681	(18052223)	
432188.05	3720943.73	0.38852	(18052223) 432243.97
3720808.89	0.49129	(17070719)	
432150.62	3720733.13	0.76087	(17070719) 432249.83
3720693.00	0.59398	(19040418)	
432206.99	3720559.06	1.13411	(21101617) 432232.69
3720348.46	0.65934	(20041418)	
432180.38	3720350.72	0.85213	(20041418) 432183.09
3720281.27	0.65749	(20090918)	
432236.75	3720646.55	0.72320	(21101617) 432042.84
3720348.46	1.47735	(20090918)	
431941.37	3720348.46	1.18548	(18011621) 431888.61
3720357.48	1.09993	(21122223)	
431923.34	3720345.30	1.15107	(20012122) 431907.10
3720352.52	1.14906	(21121703)	
431851.18	3720360.64	0.96295	(21090405) 431852.21
3720441.91	0.99980	(19033001)	
431852.07	3720489.04	1.18708	(19033001) 431845.13
3720523.74	1.43565	(21120204)	
431823.30	3720473.86	1.27864	(20102504) 431823.88
3720457.81	1.25541	(20102504)	
431793.30	3720942.34	0.97415	(19021217) 431690.56
3720987.19	0.64076	(21121819)	

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

		** CONC OF NOX		IN MICROGRAMS/M**3	
		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	0.82867	(17091907)		432011.44
3720873.33	0.67181	(20122620)			
432052.07	3720849.95	0.65254	(20022307)		432084.66
3720824.64	0.63979	(20022307)			
432095.01	3720762.16	0.79165	(17070719)		432127.98
3720889.43	0.51781	(21021920)			
432095.77	3720936.20	0.50008	(20022307)		431860.12
3720941.68	0.88023	(19021217)			
431774.93	3721018.65	0.64238	(19021217)		431864.43
3720908.43	1.08355	(19021217)			
431846.93	3720964.64	0.81178	(19021217)		431144.82
3719945.78	0.25675	(17011607)			
431157.20	3719933.07	0.26450	(21021004)		431994.43
3719146.82	0.23862	(20010218)			
431999.70	3719120.50	0.23473	(20010218)		434516.47
3720617.48	0.09657	(18122507)			
434406.06	3720633.41	0.09542	(18122507)		

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 *** 10:59:25

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

		** CONC OF NOX		IN MICROGRAMS/M**3	
		**			
				DATE	
GROUP ID	NETWORK	AVERAGE CONC	(YYMMDDHH)	RECEPTOR	
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID				

ALL HIGH 1ST HIGH VALUE IS 2.42816 ON 17091907: AT (431824.47,
3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT 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 2 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W186 131 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 131 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

** Lakes Environmental AERMOD MPI

**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 13.0.0

```

** Lakes Environmental Software Inc.
** Date: 2/28/2025
** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Ops LST PM10\Ops LST
PM10.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 3135755 County_of_Orange
  POLLUTID PM_10
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "Ops LST PM10.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1      VOLUME      431744.348    3720778.946    108.580
LOCATION VOL2      VOLUME      431744.151    3720719.793    110.190
LOCATION VOL3      VOLUME      431804.263    3720766.504    107.220
LOCATION VOL4      VOLUME      431777.461    3720706.392    110.210
LOCATION VOL5      VOLUME      431838.722    3720705.627    105.240
LOCATION VOL6      VOLUME      431871.266    3720796.369     98.590
LOCATION VOL7      VOLUME      431859.014    3720765.355    106.310
LOCATION VOL8      VOLUME      431919.509    3720735.491     97.360
LOCATION VOL9      VOLUME      431859.397    3720645.515    105.340
LOCATION VOL10     VOLUME      431899.599    3720704.861    103.630
LOCATION VOL11     VOLUME      431793.159    3720683.037    110.180
LOCATION VOL12     VOLUME      431854.803    3720601.867    105.740
LOCATION VOL13     VOLUME      431870.501    3720581.957    104.710
LOCATION VOL14     VOLUME      431888.879    3720564.728    103.860
LOCATION VOL15     VOLUME      431907.640    3720544.818    102.020
LOCATION VOL16     VOLUME      431922.189    3720525.291    101.430
LOCATION VOL17     VOLUME      431942.864    3720464.414     99.890
LOCATION VOL18     VOLUME      431957.797    3720425.360    100.120

```


LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630
LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310

** Source Parameters **

SRCPARAM VOL1	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL2	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL3	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL4	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL5	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL6	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL7	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL8	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL9	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL10	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL11	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL12	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL13	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL14	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL15	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL16	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL17	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL18	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL19	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL20	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL21	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL22	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL23	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL24	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL25	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL26	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL27	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL28	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL29	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL30	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL31	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL32	0.0001121381	5.000	13.891	1.400
SRCPARAM VOL33	0.0001121381	5.000	13.891	1.400

SRCPARAM VOL34 0.0001121381 5.000 13.891 1.400
URBANSRC ALL
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "Ops LST PM10.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE MSVJ_V11_trimmed.sfc

PROFFILE MSVJ_V11_trimmed.pfl

SURFDATA 93184 2017

UAIRDATA 3190 2017

SITEDATA 60592022 2017

PROFBASE 168.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 ALL 1ST "OPS LST PM10.AD\24H1GALL.PLT" 31

SUMMFILE "Ops LST PM10.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 131 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 131 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** AERMET - VERSION 22112 *** ***
*** 11:11:38

PAGE 1
*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 34 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * 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

**This Run Includes: 34 Source(s); 1 Source Group(s); and 97 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 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: 22112

**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) = 168.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Ops LST PM10.err

**File for Summary of Results: Ops LST PM10.sum

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	AIRCRAFT		ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								

VOL1		0	0.11214E-03	431744.3	3720778.9	108.6	5.00	13.89
1.40	YES		NO					
VOL2		0	0.11214E-03	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES		NO					
VOL3		0	0.11214E-03	431804.3	3720766.5	107.2	5.00	13.89
1.40	YES		NO					
VOL4		0	0.11214E-03	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES		NO					
VOL5		0	0.11214E-03	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES		NO					
VOL6		0	0.11214E-03	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES		NO					
VOL7		0	0.11214E-03	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES		NO					
VOL8		0	0.11214E-03	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES		NO					
VOL9		0	0.11214E-03	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES		NO					
VOL10		0	0.11214E-03	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES		NO					
VOL11		0	0.11214E-03	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES		NO					
VOL12		0	0.11214E-03	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES		NO					
VOL13		0	0.11214E-03	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES		NO					
VOL14		0	0.11214E-03	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES		NO					
VOL15		0	0.11214E-03	431907.6	3720544.8	102.0	5.00	13.89

1.40	YES			NO				
VOL16		0	0.11214E-03	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES			NO				
VOL17		0	0.11214E-03	431942.9	3720464.4	99.9	5.00	13.89
1.40	YES			NO				
VOL18		0	0.11214E-03	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES			NO				
VOL19		0	0.11214E-03	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES			NO				
VOL20		0	0.11214E-03	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES			NO				
VOL21		0	0.11214E-03	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES			NO				
VOL22		0	0.11214E-03	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES			NO				
VOL23		0	0.11214E-03	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES			NO				
VOL24		0	0.11214E-03	431983.8	3720524.9	100.8	5.00	13.89
1.40	YES			NO				
VOL25		0	0.11214E-03	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES			NO				
VOL26		0	0.11214E-03	432027.9	3720489.3	99.9	5.00	13.89
1.40	YES			NO				
VOL27		0	0.11214E-03	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES			NO				
VOL28		0	0.11214E-03	431968.5	3720585.0	102.9	5.00	13.89
1.40	YES			NO				
VOL29		0	0.11214E-03	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES			NO				
VOL30		0	0.11214E-03	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES			NO				
VOL31		0	0.11214E-03	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES			NO				
VOL32		0	0.11214E-03	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES			NO				
VOL33		0	0.11214E-03	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES			NO				
VOL34		0	0.11214E-03	431980.9	3720645.9	102.3	5.00	13.89

1.40 YES NO
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	,			
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			

VOL33 , VOL34 ,
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

	3135755.	VOL1	, VOL2	, VOL3	, VOL4	,
VOL5	, VOL6	, VOL7	,			
VOL8	,					
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			

VOL33 , VOL34 ,
^ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
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*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(431824.5, 3720637.6, 107.7, 110.4, 2.0);	(431839.6, 3720538.4, 103.2, 125.7, 2.0);
(431848.4, 3720506.3, 102.3, 125.7, 2.0);	(431808.0, 3720544.2, 103.9, 126.8, 2.0);
(432072.5, 3720450.4, 95.2, 100.9, 2.0);	(432046.4, 3720409.1, 94.0, 111.4, 2.0);
(432081.4, 3720460.0, 95.4, 100.9, 2.0);	(432108.8, 3720474.0, 93.4, 101.0, 2.0);
(431818.1, 3720498.9, 104.4, 126.8, 2.0);	(431824.9, 3720465.1, 105.1, 125.7, 2.0);
(431746.9, 3720630.1, 108.4, 108.4, 2.0);	(431718.9, 3720636.9, 111.0, 111.0, 2.0);
(431769.9, 3720571.0, 107.0, 126.8, 2.0);	(431828.5, 3720830.3, 96.2, 114.8, 2.0);
(431795.6, 3720851.9, 97.6, 110.2, 2.0);	(431709.9, 3720687.8, 110.8, 118.8, 2.0);
(431720.7, 3720650.8, 110.9, 112.0, 2.0);	(431690.1, 3720613.4, 113.1, 125.2, 2.0);
(431685.5, 3720648.1, 114.0, 114.0, 2.0);	(431653.1, 3720714.9, 116.8, 116.8, 2.0);
(431660.8, 3720740.1, 114.9, 114.9, 2.0);	(431667.1, 3720767.2, 111.5, 114.8, 2.0);
(431672.5, 3720800.1, 108.8, 114.8, 2.0);	(431676.1, 3720826.2, 105.7, 114.8, 2.0);
(431680.1, 3720851.9, 103.2, 114.8, 2.0);	(433382.6, 3721167.4, 93.2, 93.2, 2.0);
(433341.1, 3721247.7, 91.2, 91.2, 2.0);	(433323.1, 3721251.3, 91.2, 91.2, 2.0);
(432993.0, 3721124.6, 86.1, 95.7, 2.0);	(432819.8, 3721275.6, 85.5, 85.5, 2.0);
(432735.5, 3721287.8, 84.4, 84.4, 2.0);	(432701.7, 3721285.6, 83.2, 83.2, 2.0);
(432888.8, 3721184.5, 86.9, 86.9, 2.0);	(432798.6, 3721183.2, 84.5, 84.5, 2.0);
(432741.4, 3721201.7, 83.7, 83.7, 2.0);	(432669.7, 3721211.6, 82.8, 82.8, 2.0);
(432802.7, 3721413.2, 86.1, 86.1, 2.0);	(432674.6, 3721290.5, 83.1, 83.1, 2.0);
(432613.3, 3721308.1, 82.2, 82.2, 2.0);	(432550.6, 3721318.9, 82.6, 82.6, 2.0);

(432615.1, 3721232.8,	82.0,	82.0,	2.0);	(432534.8,
3721218.8, 81.0, 81.0,	2.0);			
(432382.0, 3721246.8,	81.1,	81.1,	2.0);	(432414.0,
3721344.2, 82.8, 82.8,	2.0);			
(432490.2, 3721330.6,	81.6,	81.6,	2.0);	(432375.6,
3721348.2, 83.8, 83.8,	2.0);			
(432365.7, 3721270.2,	81.3,	81.3,	2.0);	(432314.8,
3721271.1, 80.8, 80.8,	2.0);			
(432246.7, 3721271.1,	79.6,	79.6,	2.0);	(432302.6,
3721208.4, 80.2, 80.2,	2.0);			
(432234.0, 3721217.0,	79.3,	79.3,	2.0);	(432247.1,
3721360.0, 83.1, 83.1,	2.0);			
(432356.7, 3721352.8,	84.2,	84.2,	2.0);	(432289.1,
3721101.1, 79.0, 79.0,	2.0);			
(432217.8, 3721121.9,	78.9,	78.9,	2.0);	(432214.7,
3721047.4, 77.7, 77.7,	2.0);			
(432280.0, 3721039.8,	80.5,	80.5,	2.0);	(432195.3,
3720984.3, 79.8, 79.8,	2.0);			
(432188.0, 3720943.7,	80.2,	88.0,	2.0);	(432244.0,
3720808.9, 84.3, 85.5,	2.0);			
(432150.6, 3720733.1,	88.8,	88.8,	2.0);	(432249.8,
3720693.0, 88.1, 88.1,	2.0);			
(432207.0, 3720559.1,	88.1,	88.1,	2.0);	(432232.7,
3720348.5, 91.2, 115.5,	2.0);			
(432180.4, 3720350.7,	90.9,	115.5,	2.0);	(432183.1,
3720281.3, 93.2, 115.5,	2.0);			
(432236.8, 3720646.5,	88.0,	88.0,	2.0);	(432042.8,
3720348.5, 99.4, 111.4,	2.0);			
(431941.4, 3720348.5,	108.7,	111.4,	2.0);	(431888.6,
3720357.5, 108.2, 111.6,	2.0);			
(431923.3, 3720345.3,	110.2,	110.2,	2.0);	(431907.1,
3720352.5, 108.6, 111.1,	2.0);			
(431851.2, 3720360.6,	109.5,	111.6,	2.0);	(431852.2,
3720441.9, 102.3, 125.7,	2.0);			
(431852.1, 3720489.0,	101.7,	126.8,	2.0);	(431845.1,
3720523.7, 102.7, 125.7,	2.0);			
(431823.3, 3720473.9,	105.0,	125.7,	2.0);	(431823.9,
3720457.8, 105.3, 125.7,	2.0);			
(431793.3, 3720942.3,	92.0,	109.9,	2.0);	(431690.6,
3720987.2, 88.7, 124.1,	2.0);			
(431681.0, 3720921.2,	97.7,	109.5,	2.0);	(432011.4,
3720873.3, 86.6, 109.9,	2.0);			
(432052.1, 3720849.9,	87.3,	109.9,	2.0);	(432084.7,
3720824.6, 87.4, 87.4,	2.0);			
(432095.0, 3720762.2,	88.3,	89.5,	2.0);	(432128.0,
3720889.4, 88.0, 88.0,	2.0);			
(432095.8, 3720936.2,	84.7,	90.0,	2.0);	(431860.1,
3720941.7, 81.2, 124.1,	2.0);			
(431774.9, 3721018.6,	79.6,	124.1,	2.0);	(431864.4,
3720908.4, 82.7, 124.1,	2.0);			

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PAGE 6
 *** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(431846.9, 3720964.6,	82.2,	124.1,	2.0);	(431144.8,
3719945.8, 113.4,	113.4,	2.0);		
(431157.2, 3719933.1,	113.9,	113.9,	2.0);	(431994.4,
3719146.8, 148.9,	148.9,	2.0);		
(431999.7, 3719120.5,	149.2,	149.2,	2.0);	(434516.5,
3720617.5, 115.5,	115.5,	2.0);		
(434406.1, 3720633.4,	113.7,	113.7,	2.0);	

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 *** MODELOPTs: RegDFault 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		

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
 WHAT IS INCLUDED IN THE DATA FILE.

CATEGORIES ***

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: MSVJ_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184
Name: UNKNOWN

Upper air station no.: 3190
Name: UNKNOWN

Year: 2017

Year: 2017

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							
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20	
1.00	0.86	69.			10.0	280.0	9.0							
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20	
1.00	0.90	61.			10.0	279.7	9.0							
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20	
1.00	1.34	69.			10.0	280.4	9.0							
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20	
1.00	0.80	67.			10.0	279.9	9.0							
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20	
1.00	0.86	113.			10.0	279.8	9.0							
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20	
1.00	1.26	92.			10.0	279.9	9.0							

17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00	1.14	86.	10.0	279.8	9.0								
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53	1.00	98.	10.0	280.2	9.0								
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31	1.12	106.	10.0	283.2	9.0								
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24	1.45	159.	10.0	285.0	9.0								
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21	2.23	183.	10.0	285.5	9.0								
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20	1.83	200.	10.0	286.2	9.0								
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20	2.51	225.	10.0	286.6	9.0								
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21	3.44	205.	10.0	286.5	9.0								
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25	2.57	199.	10.0	286.4	9.0								
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33	2.68	195.	10.0	286.5	9.0								
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61	2.33	190.	10.0	285.5	9.0								
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00	1.29	162.	10.0	284.2	9.0								
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00	1.25	117.	10.0	283.5	9.0								
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00	1.46	104.	10.0	283.4	9.0								
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00	1.44	120.	10.0	284.0	9.0								
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00	1.34	127.	10.0	284.3	9.0								
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00	1.19	128.	10.0	284.0	9.0								
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00	1.52	129.	10.0	283.9	9.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

```

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*** AERMET - VERSION 22112 ***      ***
***                                     ***
                                     11:11:38

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10
, VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18
, VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26
, VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
431824.47	3720637.57	0.39474m (21010924)	431839.58
3720538.42	0.30600m (20122124)		
431848.44	3720506.30	0.25593m (21011224)	431808.02
3720544.24	0.22671m (20122124)		
432072.45	3720450.37	0.27031 (18120924)	432046.42
3720409.11	0.22944 (18120924)		
432081.39	3720459.96	0.26636 (18120924)	432108.76
3720473.97	0.21165c (21122024)		
431818.11	3720498.90	0.19282m (21010924)	431824.87
3720465.08	0.17397m (21010924)		
431746.87	3720630.10	0.21826m (21010924)	431718.91
3720636.87	0.19602m (21010924)		
431769.86	3720571.04	0.19680m (21010924)	431828.48
3720830.29	0.20139m (20112524)		
431795.56	3720851.94	0.14654m (20112524)	431709.90
3720687.81	0.22675m (21010924)		
431720.72	3720650.84	0.20952m (21010924)	431690.06
3720613.42	0.15889m (21010924)		
431685.55	3720648.14	0.16773m (21010924)	431653.09
3720714.87	0.15557m (21010924)		
431660.75	3720740.12	0.16599 (17120924)	431667.06
3720767.17	0.14933 (21122924)		
431672.47	3720800.08	0.14737 (21122924)	431676.08
3720826.23	0.12669 (21123024)		
431680.14	3720851.94	0.10821 (21123024)	433382.64
3721167.41	0.00456m (21011024)		
433341.15	3721247.68	0.00459m (21011024)	433323.12

3721251.28	0.00466m (21011024)	
432993.01	3721124.56	0.00715m (21011024) 432819.84
3721275.64	0.00787m (21011024)	
432735.51	3721287.81	0.00859m (21011024) 432701.69
3721285.56	0.00894m (21011024)	
432888.84	3721184.54	0.00782m (21011024) 432798.65
3721183.19	0.00876m (21011024)	
432741.38	3721201.68	0.00927m (21011024) 432669.67
3721211.60	0.01007m (21011024)	
432802.71	3721413.18	0.00708m (21011024) 432674.64
3721290.52	0.00919m (21011024)	
432613.30	3721308.11	0.00967m (21011024) 432550.62
3721318.93	0.01048m (20112424)	
432615.11	3721232.79	0.01054m (21011024) 432534.84
3721218.82	0.01189m (21011024)	
432381.96	3721246.77	0.01510m (20112024) 432413.98
3721344.18	0.01282m (20112024)	
432490.19	3721330.65	0.01132m (20112424) 432375.65
3721348.24	0.01365m (20112024)	
432365.73	3721270.22	0.01513m (20112024) 432314.77
3721271.13	0.01647m (20112024)	
432246.67	3721271.13	0.01808m (20112024) 432302.59
3721208.44	0.01837m (20112024)	
432234.05	3721217.01	0.02014m (20112024) 432247.12
3721359.97	0.01586m (20112024)	
432356.71	3721352.75	0.01401m (20112024) 432289.06
3721101.11	0.02222m (20112024)	
432217.81	3721121.86	0.02462m (20112024) 432214.66
3721047.45	0.02867m (20112024)	
432280.04	3721039.78	0.02532m (20112024) 432195.26
3720984.32	0.03477m (20112024)	
432188.05	3720943.73	0.03913m (20112024) 432243.97
3720808.89	0.04544m (21011024)	
432150.62	3720733.13	0.08579m (20112324) 432249.83
3720693.00	0.05830m (21011024)	
432206.99	3720559.06	0.08965m (21011024) 432232.69
3720348.46	0.05278m (21012524)	
432180.38	3720350.72	0.06828 (18020124) 432183.09
3720281.27	0.05313 (18020124)	
432236.75	3720646.55	0.06745m (21011024) 432042.84
3720348.46	0.13214 (18120924)	
431941.37	3720348.46	0.17591m (21011224) 431888.61
3720357.48	0.16992m (21011224)	
431923.34	3720345.30	0.17702m (21011224) 431907.10
3720352.52	0.17802m (21011224)	
431851.18	3720360.64	0.15202m (21011224) 431852.21
3720441.91	0.17236m (21011224)	
431852.07	3720489.04	0.23150m (21011224) 431845.13
3720523.74	0.28532m (21011024)	
431823.30	3720473.86	0.17941m (21010924) 431823.88

3720457.81 0.16756m (21010924)
 431793.30 3720942.34 0.07168m (20112524) 431690.56
 3720987.19 0.04999m (20112524)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
431680.98	3720921.25	0.06727m	(20112524)	432011.44
3720873.33	0.08361m	(20112324)		
432052.07	3720849.95	0.08258m	(20112324)	432084.66
3720824.64	0.08194m	(20112324)		
432095.01	3720762.16	0.10273m	(20112324)	432127.98
3720889.43	0.05625m	(20112024)		
432095.77	3720936.20	0.05155m	(20112024)	431860.12
3720941.68	0.06766m	(20112324)		
431774.93	3721018.65	0.04444m	(20112524)	431864.43
3720908.43	0.08481m	(20112324)		
431846.93	3720964.64	0.05928m	(20112324)	431144.82
3719945.78	0.02807	(18013024)		
431157.20	3719933.07	0.02867	(19121824)	431994.43
3719146.82	0.00979	(21020224)		
431999.70	3719120.50	0.00948	(21020224)	434516.47
3720617.48	0.00478	(18122524)		
434406.06	3720633.41	0.00475	(18122524)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-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				

ALL HIGH 1ST HIGH VALUE IS 0.39474m ON 21010924: AT (431824.47,
 3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

^ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is *** 02/28/25
 *** AERMET - VERSION 22112 *** ***
 *** 11:11:38

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*** MODELOPTs: RegDFAULT 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 41 Warning Message(s)
 A Total of 471 Informational Message(s)

 A Total of 43824 Hours Were Processed

 A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W186	131	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	131	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W732	1176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2017021824		
CN W732	10368	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824		
CN W732	12408	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124		
CN W732	22848	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2019081024		
CN W732	28032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324		
CN W732	28056	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424		
CN W732	28080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524		
CN W732	28104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624		
CN W732	28512	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224		
CN W732	28536	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324		
CN W732	28632	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724		
CN W732	28944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024		
CN W732	33024	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724		
CN W732	33096	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024		
CN W732	33888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224		
CN W732	34032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824		
CN W732	34080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024		
CN W732	34104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124		
CN W732	34128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224		

CN W732	34152	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324		
CN W732	34176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424		
CN W732	34200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524		
CN W732	34680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524		
CN W732	34824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124		
CN W732	35280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924		
CN W732	35304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024		
CN W732	35328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124		
CN W732	35352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224		
CN W732	35616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324		
CN W732	35640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424		
CN W732	35664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524		
CN W732	36816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424		
CN W732	37200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024		
CN W732	37296	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324		
CN W732	38760	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324		
CN W732	39888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021072024		
CN W732	40920	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124		
CN W732	41808	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824		
CN W732	41832	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924		

*** AERMOD Finishes Successfully ***

** Lakes Environmental AERMOD MPI

**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 13.0.0

```

** Lakes Environmental Software Inc.
** Date: 2/28/2025
** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Ops LST PM25\Ops LST
PM25.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 3135755 County_of_Orange
  POLLUTID PM_2.5
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "Ops LST PM25.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1      VOLUME      431744.348    3720778.946    108.580
LOCATION VOL2      VOLUME      431744.151    3720719.793    110.190
LOCATION VOL3      VOLUME      431804.263    3720766.504    107.220
LOCATION VOL4      VOLUME      431777.461    3720706.392    110.210
LOCATION VOL5      VOLUME      431838.722    3720705.627    105.240
LOCATION VOL6      VOLUME      431871.266    3720796.369     98.590
LOCATION VOL7      VOLUME      431859.014    3720765.355    106.310
LOCATION VOL8      VOLUME      431919.509    3720735.491     97.360
LOCATION VOL9      VOLUME      431859.397    3720645.515    105.340
LOCATION VOL10     VOLUME      431899.599    3720704.861    103.630
LOCATION VOL11     VOLUME      431793.159    3720683.037    110.180
LOCATION VOL12     VOLUME      431854.803    3720601.867    105.740
LOCATION VOL13     VOLUME      431870.501    3720581.957    104.710
LOCATION VOL14     VOLUME      431888.879    3720564.728    103.860
LOCATION VOL15     VOLUME      431907.640    3720544.818    102.020
LOCATION VOL16     VOLUME      431922.189    3720525.291    101.430
LOCATION VOL17     VOLUME      431942.864    3720464.414     99.890
LOCATION VOL18     VOLUME      431957.797    3720425.360    100.120

```

LOCATION VOL19	VOLUME	431990.724	3720422.680	98.630
LOCATION VOL20	VOLUME	432002.593	3720463.265	99.380
LOCATION VOL21	VOLUME	432015.994	3720477.431	99.640
LOCATION VOL22	VOLUME	431919.892	3720645.898	104.670
LOCATION VOL23	VOLUME	431921.040	3720591.912	103.940
LOCATION VOL24	VOLUME	431983.832	3720524.908	100.820
LOCATION VOL25	VOLUME	432044.710	3720537.543	100.960
LOCATION VOL26	VOLUME	432027.863	3720489.301	99.940
LOCATION VOL27	VOLUME	432045.476	3720508.062	100.610
LOCATION VOL28	VOLUME	431968.517	3720585.020	102.900
LOCATION VOL29	VOLUME	432027.480	3720584.254	101.960
LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310

** Source Parameters **

SRCPARAM VOL1	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL2	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL3	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL4	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL5	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL6	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL7	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL8	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL9	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL10	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL11	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL12	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL13	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL14	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL15	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL16	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL17	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL18	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL19	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL20	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL21	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL22	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL23	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL24	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL25	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL26	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL27	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL28	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL29	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL30	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL31	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL32	0.0000314995	5.000	13.891	1.400
SRCPARAM VOL33	0.0000314995	5.000	13.891	1.400

SRCPARAM VOL34 0.0000314995 5.000 13.891 1.400
URBANSRC ALL
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "Ops LST PM25.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE MSVJ_V11_trimmed.sfc

PROFFILE MSVJ_V11_trimmed.pfl

SURFDATA 93184 2017

UAIRDATA 3190 2017

SITEDATA 60592022 2017

PROFBASE 168.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 ALL 1ST "OPS LST PM25.AD\24H1GALL.PLT" 31

SUMMFILE "Ops LST PM25.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 131 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 131 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** AERMET - VERSION 22112 *** ***
*** 11:15:51

PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 34 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 34 Source(s); 1 Source Group(s); and 97 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 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: 22112

**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) = 168.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Ops LST PM25.err

**File for Summary of Results: Ops LST PM25.sum

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 *** 11:15:51

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	AIRCRAFT		ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								

VOL1		0	0.31500E-04	431744.3	3720778.9	108.6	5.00	13.89
1.40	YES		NO					
VOL2		0	0.31500E-04	431744.2	3720719.8	110.2	5.00	13.89
1.40	YES		NO					
VOL3		0	0.31500E-04	431804.3	3720766.5	107.2	5.00	13.89
1.40	YES		NO					
VOL4		0	0.31500E-04	431777.5	3720706.4	110.2	5.00	13.89
1.40	YES		NO					
VOL5		0	0.31500E-04	431838.7	3720705.6	105.2	5.00	13.89
1.40	YES		NO					
VOL6		0	0.31500E-04	431871.3	3720796.4	98.6	5.00	13.89
1.40	YES		NO					
VOL7		0	0.31500E-04	431859.0	3720765.4	106.3	5.00	13.89
1.40	YES		NO					
VOL8		0	0.31500E-04	431919.5	3720735.5	97.4	5.00	13.89
1.40	YES		NO					
VOL9		0	0.31500E-04	431859.4	3720645.5	105.3	5.00	13.89
1.40	YES		NO					
VOL10		0	0.31500E-04	431899.6	3720704.9	103.6	5.00	13.89
1.40	YES		NO					
VOL11		0	0.31500E-04	431793.2	3720683.0	110.2	5.00	13.89
1.40	YES		NO					
VOL12		0	0.31500E-04	431854.8	3720601.9	105.7	5.00	13.89
1.40	YES		NO					
VOL13		0	0.31500E-04	431870.5	3720582.0	104.7	5.00	13.89
1.40	YES		NO					
VOL14		0	0.31500E-04	431888.9	3720564.7	103.9	5.00	13.89
1.40	YES		NO					
VOL15		0	0.31500E-04	431907.6	3720544.8	102.0	5.00	13.89

1.40	YES			NO				
VOL16		0	0.31500E-04	431922.2	3720525.3	101.4	5.00	13.89
1.40	YES			NO				
VOL17		0	0.31500E-04	431942.9	3720464.4	99.9	5.00	13.89
1.40	YES			NO				
VOL18		0	0.31500E-04	431957.8	3720425.4	100.1	5.00	13.89
1.40	YES			NO				
VOL19		0	0.31500E-04	431990.7	3720422.7	98.6	5.00	13.89
1.40	YES			NO				
VOL20		0	0.31500E-04	432002.6	3720463.3	99.4	5.00	13.89
1.40	YES			NO				
VOL21		0	0.31500E-04	432016.0	3720477.4	99.6	5.00	13.89
1.40	YES			NO				
VOL22		0	0.31500E-04	431919.9	3720645.9	104.7	5.00	13.89
1.40	YES			NO				
VOL23		0	0.31500E-04	431921.0	3720591.9	103.9	5.00	13.89
1.40	YES			NO				
VOL24		0	0.31500E-04	431983.8	3720524.9	100.8	5.00	13.89
1.40	YES			NO				
VOL25		0	0.31500E-04	432044.7	3720537.5	101.0	5.00	13.89
1.40	YES			NO				
VOL26		0	0.31500E-04	432027.9	3720489.3	99.9	5.00	13.89
1.40	YES			NO				
VOL27		0	0.31500E-04	432045.5	3720508.1	100.6	5.00	13.89
1.40	YES			NO				
VOL28		0	0.31500E-04	431968.5	3720585.0	102.9	5.00	13.89
1.40	YES			NO				
VOL29		0	0.31500E-04	432027.5	3720584.3	102.0	5.00	13.89
1.40	YES			NO				
VOL30		0	0.31500E-04	432076.1	3720526.4	99.4	5.00	13.89
1.40	YES			NO				
VOL31		0	0.31500E-04	432060.8	3720567.4	97.1	5.00	13.89
1.40	YES			NO				
VOL32		0	0.31500E-04	432014.5	3720645.5	94.5	5.00	13.89
1.40	YES			NO				
VOL33		0	0.31500E-04	431960.9	3720706.4	92.3	5.00	13.89
1.40	YES			NO				
VOL34		0	0.31500E-04	431980.9	3720645.9	102.3	5.00	13.89

1.40 YES NO
 *** AERMOD - VERSION 24142 *** C:\Users\adadabhoy\Desktop\AERMOD\16380
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 *** 11:15:51

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	,			
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			

VOL33 , VOL34 ,
▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

	3135755.	VOL1	, VOL2	, VOL3	, VOL4	,
VOL5	, VOL6	, VOL7	,			
VOL8	,					
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	,			
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	,			
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
VOL30	, VOL31	, VOL32	,			

VOL33 , VOL34 ,
▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 02/28/25

*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(431824.5, 3720637.6, 107.7, 110.4, 2.0);	(431839.6, 3720538.4, 103.2, 125.7, 2.0);
(431848.4, 3720506.3, 102.3, 125.7, 2.0);	(431808.0, 3720544.2, 103.9, 126.8, 2.0);
(432072.5, 3720450.4, 95.2, 100.9, 2.0);	(432046.4, 3720409.1, 94.0, 111.4, 2.0);
(432081.4, 3720460.0, 95.4, 100.9, 2.0);	(432108.8, 3720474.0, 93.4, 101.0, 2.0);
(431818.1, 3720498.9, 104.4, 126.8, 2.0);	(431824.9, 3720465.1, 105.1, 125.7, 2.0);
(431746.9, 3720630.1, 108.4, 108.4, 2.0);	(431718.9, 3720636.9, 111.0, 111.0, 2.0);
(431769.9, 3720571.0, 107.0, 126.8, 2.0);	(431828.5, 3720830.3, 96.2, 114.8, 2.0);
(431795.6, 3720851.9, 97.6, 110.2, 2.0);	(431709.9, 3720687.8, 110.8, 118.8, 2.0);
(431720.7, 3720650.8, 110.9, 112.0, 2.0);	(431690.1, 3720613.4, 113.1, 125.2, 2.0);
(431685.5, 3720648.1, 114.0, 114.0, 2.0);	(431653.1, 3720714.9, 116.8, 116.8, 2.0);
(431660.8, 3720740.1, 114.9, 114.9, 2.0);	(431667.1, 3720767.2, 111.5, 114.8, 2.0);
(431672.5, 3720800.1, 108.8, 114.8, 2.0);	(431676.1, 3720826.2, 105.7, 114.8, 2.0);
(431680.1, 3720851.9, 103.2, 114.8, 2.0);	(433382.6, 3721167.4, 93.2, 93.2, 2.0);
(433341.1, 3721247.7, 91.2, 91.2, 2.0);	(433323.1, 3721251.3, 91.2, 91.2, 2.0);
(432993.0, 3721124.6, 86.1, 95.7, 2.0);	(432819.8, 3721275.6, 85.5, 85.5, 2.0);
(432735.5, 3721287.8, 84.4, 84.4, 2.0);	(432701.7, 3721285.6, 83.2, 83.2, 2.0);
(432888.8, 3721184.5, 86.9, 86.9, 2.0);	(432798.6, 3721183.2, 84.5, 84.5, 2.0);
(432741.4, 3721201.7, 83.7, 83.7, 2.0);	(432669.7, 3721211.6, 82.8, 82.8, 2.0);
(432802.7, 3721413.2, 86.1, 86.1, 2.0);	(432674.6, 3721290.5, 83.1, 83.1, 2.0);
(432613.3, 3721308.1, 82.2, 82.2, 2.0);	(432550.6, 3721318.9, 82.6, 82.6, 2.0);

(432615.1, 3721232.8,	82.0,	82.0,	2.0);	(432534.8,
3721218.8, 81.0, 81.0,	2.0);			
(432382.0, 3721246.8,	81.1,	81.1,	2.0);	(432414.0,
3721344.2, 82.8, 82.8,	2.0);			
(432490.2, 3721330.6,	81.6,	81.6,	2.0);	(432375.6,
3721348.2, 83.8, 83.8,	2.0);			
(432365.7, 3721270.2,	81.3,	81.3,	2.0);	(432314.8,
3721271.1, 80.8, 80.8,	2.0);			
(432246.7, 3721271.1,	79.6,	79.6,	2.0);	(432302.6,
3721208.4, 80.2, 80.2,	2.0);			
(432234.0, 3721217.0,	79.3,	79.3,	2.0);	(432247.1,
3721360.0, 83.1, 83.1,	2.0);			
(432356.7, 3721352.8,	84.2,	84.2,	2.0);	(432289.1,
3721101.1, 79.0, 79.0,	2.0);			
(432217.8, 3721121.9,	78.9,	78.9,	2.0);	(432214.7,
3721047.4, 77.7, 77.7,	2.0);			
(432280.0, 3721039.8,	80.5,	80.5,	2.0);	(432195.3,
3720984.3, 79.8, 79.8,	2.0);			
(432188.0, 3720943.7,	80.2,	88.0,	2.0);	(432244.0,
3720808.9, 84.3, 85.5,	2.0);			
(432150.6, 3720733.1,	88.8,	88.8,	2.0);	(432249.8,
3720693.0, 88.1, 88.1,	2.0);			
(432207.0, 3720559.1,	88.1,	88.1,	2.0);	(432232.7,
3720348.5, 91.2, 115.5,	2.0);			
(432180.4, 3720350.7,	90.9,	115.5,	2.0);	(432183.1,
3720281.3, 93.2, 115.5,	2.0);			
(432236.8, 3720646.5,	88.0,	88.0,	2.0);	(432042.8,
3720348.5, 99.4, 111.4,	2.0);			
(431941.4, 3720348.5,	108.7,	111.4,	2.0);	(431888.6,
3720357.5, 108.2, 111.6,	2.0);			
(431923.3, 3720345.3,	110.2,	110.2,	2.0);	(431907.1,
3720352.5, 108.6, 111.1,	2.0);			
(431851.2, 3720360.6,	109.5,	111.6,	2.0);	(431852.2,
3720441.9, 102.3, 125.7,	2.0);			
(431852.1, 3720489.0,	101.7,	126.8,	2.0);	(431845.1,
3720523.7, 102.7, 125.7,	2.0);			
(431823.3, 3720473.9,	105.0,	125.7,	2.0);	(431823.9,
3720457.8, 105.3, 125.7,	2.0);			
(431793.3, 3720942.3,	92.0,	109.9,	2.0);	(431690.6,
3720987.2, 88.7, 124.1,	2.0);			
(431681.0, 3720921.2,	97.7,	109.5,	2.0);	(432011.4,
3720873.3, 86.6, 109.9,	2.0);			
(432052.1, 3720849.9,	87.3,	109.9,	2.0);	(432084.7,
3720824.6, 87.4, 87.4,	2.0);			
(432095.0, 3720762.2,	88.3,	89.5,	2.0);	(432128.0,
3720889.4, 88.0, 88.0,	2.0);			
(432095.8, 3720936.2,	84.7,	90.0,	2.0);	(431860.1,
3720941.7, 81.2, 124.1,	2.0);			
(431774.9, 3721018.6,	79.6,	124.1,	2.0);	(431864.4,
3720908.4, 82.7, 124.1,	2.0);			

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PAGE 6
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(431846.9, 3720964.6,	82.2,	124.1,	2.0);	(431144.8,
3719945.8, 113.4,	113.4,	2.0);		
(431157.2, 3719933.1,	113.9,	113.9,	2.0);	(431994.4,
3719146.8, 148.9,	148.9,	2.0);		
(431999.7, 3719120.5,	149.2,	149.2,	2.0);	(434516.5,
3720617.5, 115.5,	115.5,	2.0);		
(434406.1, 3720633.4,	113.7,	113.7,	2.0);	

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 *** AERMET - VERSION 22112 *** ***
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 *** MODELOPTs: RegDFAULT 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		

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
 WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: MSVJ_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184
Name: UNKNOWN

Upper air station no.: 3190
Name: UNKNOWN

Year: 2017

Year: 2017

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							

[illegible]

17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00	1.14	86.	10.0	279.8	9.0								
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53	1.00	98.	10.0	280.2	9.0								
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31	1.12	106.	10.0	283.2	9.0								
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24	1.45	159.	10.0	285.0	9.0								
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21	2.23	183.	10.0	285.5	9.0								
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20	1.83	200.	10.0	286.2	9.0								
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20	2.51	225.	10.0	286.6	9.0								
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21	3.44	205.	10.0	286.5	9.0								
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25	2.57	199.	10.0	286.4	9.0								
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33	2.68	195.	10.0	286.5	9.0								
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61	2.33	190.	10.0	285.5	9.0								
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00	1.29	162.	10.0	284.2	9.0								
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00	1.25	117.	10.0	283.5	9.0								
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00	1.46	104.	10.0	283.4	9.0								
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00	1.44	120.	10.0	284.0	9.0								
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00	1.34	127.	10.0	284.3	9.0								
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00	1.19	128.	10.0	284.0	9.0								
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00	1.52	129.	10.0	283.9	9.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10
, VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18
, VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26
, VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_{2.5} IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431824.47	3720637.57	0.11088m	(21010924)	431839.58
3720538.42	0.08596m	(20122124)		
431848.44	3720506.30	0.07189m	(21011224)	431808.02
3720544.24	0.06368m	(20122124)		
432072.45	3720450.37	0.07593	(18120924)	432046.42
3720409.11	0.06445	(18120924)		
432081.39	3720459.96	0.07482	(18120924)	432108.76
3720473.97	0.05945c	(21122024)		
431818.11	3720498.90	0.05416m	(21010924)	431824.87
3720465.08	0.04887m	(21010924)		
431746.87	3720630.10	0.06131m	(21010924)	431718.91
3720636.87	0.05506m	(21010924)		
431769.86	3720571.04	0.05528m	(21010924)	431828.48
3720830.29	0.05657m	(20112524)		
431795.56	3720851.94	0.04116m	(20112524)	431709.90
3720687.81	0.06369m	(21010924)		
431720.72	3720650.84	0.05885m	(21010924)	431690.06
3720613.42	0.04463m	(21010924)		
431685.55	3720648.14	0.04711m	(21010924)	431653.09
3720714.87	0.04370m	(21010924)		
431660.75	3720740.12	0.04663	(17120924)	431667.06
3720767.17	0.04195	(21122924)		
431672.47	3720800.08	0.04140	(21122924)	431676.08
3720826.23	0.03559	(21123024)		
431680.14	3720851.94	0.03040	(21123024)	433382.64
3721167.41	0.00128m	(21011024)		
433341.15	3721247.68	0.00129m	(21011024)	433323.12

3721251.28	0.00131m (21011024)	
432993.01	3721124.56	0.00201m (21011024) 432819.84
3721275.64	0.00221m (21011024)	
432735.51	3721287.81	0.00241m (21011024) 432701.69
3721285.56	0.00251m (21011024)	
432888.84	3721184.54	0.00220m (21011024) 432798.65
3721183.19	0.00246m (21011024)	
432741.38	3721201.68	0.00260m (21011024) 432669.67
3721211.60	0.00283m (21011024)	
432802.71	3721413.18	0.00199m (21011024) 432674.64
3721290.52	0.00258m (21011024)	
432613.30	3721308.11	0.00272m (21011024) 432550.62
3721318.93	0.00294m (20112424)	
432615.11	3721232.79	0.00296m (21011024) 432534.84
3721218.82	0.00334m (21011024)	
432381.96	3721246.77	0.00424m (20112024) 432413.98
3721344.18	0.00360m (20112024)	
432490.19	3721330.65	0.00318m (20112424) 432375.65
3721348.24	0.00383m (20112024)	
432365.73	3721270.22	0.00425m (20112024) 432314.77
3721271.13	0.00463m (20112024)	
432246.67	3721271.13	0.00508m (20112024) 432302.59
3721208.44	0.00516m (20112024)	
432234.05	3721217.01	0.00566m (20112024) 432247.12
3721359.97	0.00445m (20112024)	
432356.71	3721352.75	0.00393m (20112024) 432289.06
3721101.11	0.00624m (20112024)	
432217.81	3721121.86	0.00692m (20112024) 432214.66
3721047.45	0.00805m (20112024)	
432280.04	3721039.78	0.00711m (20112024) 432195.26
3720984.32	0.00977m (20112024)	
432188.05	3720943.73	0.01099m (20112024) 432243.97
3720808.89	0.01276m (21011024)	
432150.62	3720733.13	0.02410m (20112324) 432249.83
3720693.00	0.01638m (21011024)	
432206.99	3720559.06	0.02518m (21011024) 432232.69
3720348.46	0.01483m (21012524)	
432180.38	3720350.72	0.01918 (18020124) 432183.09
3720281.27	0.01492 (18020124)	
432236.75	3720646.55	0.01895m (21011024) 432042.84
3720348.46	0.03712 (18120924)	
431941.37	3720348.46	0.04941m (21011224) 431888.61
3720357.48	0.04773m (21011224)	
431923.34	3720345.30	0.04972m (21011224) 431907.10
3720352.52	0.05001m (21011224)	
431851.18	3720360.64	0.04270m (21011224) 431852.21
3720441.91	0.04842m (21011224)	
431852.07	3720489.04	0.06503m (21011224) 431845.13
3720523.74	0.08015m (21011024)	
431823.30	3720473.86	0.05040m (21010924) 431823.88

3720457.81 0.04707m (21010924)
 431793.30 3720942.34 0.02014m (20112524) 431690.56
 3720987.19 0.01404m (20112524)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_{2.5} IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
431680.98	3720921.25	0.01890m	(20112524)	432011.44
3720873.33	0.02349m	(20112324)		
432052.07	3720849.95	0.02320m	(20112324)	432084.66
3720824.64	0.02302m	(20112324)		
432095.01	3720762.16	0.02886m	(20112324)	432127.98
3720889.43	0.01580m	(20112024)		
432095.77	3720936.20	0.01448m	(20112024)	431860.12
3720941.68	0.01901m	(20112324)		
431774.93	3721018.65	0.01248m	(20112524)	431864.43
3720908.43	0.02382m	(20112324)		
431846.93	3720964.64	0.01665m	(20112324)	431144.82
3719945.78	0.00789	(18013024)		
431157.20	3719933.07	0.00805	(19121824)	431994.43
3719146.82	0.00275	(21020224)		
431999.70	3719120.50	0.00266	(21020224)	434516.47
3720617.48	0.00134	(18122524)		
434406.06	3720633.41	0.00133	(18122524)	

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 02/28/25
*** AERMET - VERSION 22112 *** ***
*** 11:15:51

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

** CONC OF PM_{2.5} IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID	(YYMMDDHH)	

ALL HIGH 1ST HIGH VALUE IS 0.11088m ON 21010924: AT (431824.47,
3720637.57, 107.74, 110.43, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is *** 02/28/25
*** AERMET - VERSION 22112 *** ***
*** 11:15:51

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*** MODELOPTs: RegDFAULT 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 41 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186	131	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	131	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W732	1176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2017021824		
CN W732	10368	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824		
CN W732	12408	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124		
CN W732	22848	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2019081024		
CN W732	28032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324		
CN W732	28056	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424		
CN W732	28080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524		
CN W732	28104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624		
CN W732	28512	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224		
CN W732	28536	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324		
CN W732	28632	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724		
CN W732	28944	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024		
CN W732	33024	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724		
CN W732	33096	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024		
CN W732	33888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224		
CN W732	34032	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824		
CN W732	34080	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024		
CN W732	34104	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124		
CN W732	34128	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224		

CN W732	34152	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324		
CN W732	34176	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424		
CN W732	34200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524		
CN W732	34680	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524		
CN W732	34824	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124		
CN W732	35280	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924		
CN W732	35304	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024		
CN W732	35328	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124		
CN W732	35352	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224		
CN W732	35616	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324		
CN W732	35640	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424		
CN W732	35664	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524		
CN W732	36816	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424		
CN W732	37200	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024		
CN W732	37296	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324		
CN W732	38760	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324		
CN W732	39888	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021072024		
CN W732	40920	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124		
CN W732	41808	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824		
CN W732	41832	AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924		

 *** AERMOD Finishes Successfully ***

TERRAVITA

CONSTRUCTION AND OPERATIONAL HEALTH RISK ASSESSMENT

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LIST OF ABBREVIATED TERMS

µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQMD	Air Quality Management District
ASF	Age Sensitivity Factor
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
FAH	Fraction of Time at Home
HARP	Hotspots Analysis and Reporting Program
HHD	Heavy Heavy-Duty
HI	Hazard Index
HRA	Health Risk Assessment
LHD	Light Heavy-Duty
MEIR	Maximally Exposed Individual Receptor
MEISC	Maximally Exposed Individual Schoolchild
MEIW	Maximally Exposed Individual Worker
MHD	Medium Heavy-Duty
MOVES	Motor Vehicle Emission Simulator
NED	National Elevation Dataset
OEHHA	Office of Environmental Health Hazard Assessment
PDF	Project Design Feature
PM ₁₀	Particulate Matter 10 microns in diameter or less
Project	Terravita
REL	Reference Exposure Level
SCAQMD	South Coast Air Quality Management District
TAC	Toxic Air Contaminant
TA	Traffic Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator

EXECUTIVE SUMMARY

This report evaluates the potential health risk impacts to sensitive receptors and adjacent workers associated with the development of the proposed Project, more specifically, health risk impacts as a result of exposure to Toxic Air Contaminants (TACs) including diesel particulate matter (DPM) as a result of construction activity at the site, as well as TACs emitted from vehicles accessing the site as part of Project operational activity. This section summarizes the significance criteria and Project health risks.

The results of the health risk assessment from Project-generated DPM emissions are provided in Table ES-1, ES-2, and ES-3 below for the Project.

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R1 which represents the existing residence located approximately 81 feet southwest of the Project site at 23416 Caminito Salado. Since there are no outdoor private outdoor living areas (backyards) facing the Project site, receptor R1 is placed at the building façade. At the maximally exposed individual receptor (MEIR) the maximum incremental cancer risk attributable to Project construction TAC emissions is estimated at 2.69 in one million, which is less than the South Coast Air Quality Management District (SCAQMD) significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. Because all other modeled receptors are located at a greater distance from the Project site and would experience lower concentrations of TACs than the MEIR analyzed herein, and because TACs generally dissipate with distance from the source, all other receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than MEIR identified herein. The nearest modeled receptors are illustrated on Exhibit 2-B.

OPERATIONAL IMPACTS

Residential Exposure Scenario

The residential land use with the greatest potential exposure to Project TAC emissions is Location R1 which is located approximately 81 feet southwest of the Project site at the existing residence, located at 23416 Caminito Salado. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R1 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project TAC emissions is estimated at 5.44 in one million, which is less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project operational activity. Because all other modeled residential receptors are located at a greater distance from the Project site and are exposed to lesser concentrations of TACs than the MEIR analyzed herein, and TACs generally dissipate with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant

human health or cancer risk to nearby receptors. The nearest modeled receptors are illustrated on Exhibit 2-B.

Worker Exposure Scenario¹

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R2, which represents the potential worker receptor located at 23330 Mill Creek Drive, located immediately adjacent to the southwest of the Project site. At the maximally exposed individual worker receptor (MEIW), the maximum incremental cancer risk impact is estimated at 0.60 in one million, which is less than the SCAQMD threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be 0.02, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project operational activity. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and TACs dissipate with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-B.

School Child Exposure Scenario

The nearest potential school is New Vista School (represented by Location R3), located approximately 224 feet north of the Project site. At the maximally exposed individual school child (MEISC) location, under the school child exposure scenario the maximum incremental cancer risk impact attributable to the Project is calculated to be 1.09 in one million, which is less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R1. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational TAC emissions is estimated at 8.13 in one million, which is less than the SCAQMD threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-B.

¹ SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document *OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

TABLE ES-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
2.83 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	2.69	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold?
Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	<0.01	1.0	NO

TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	5.44	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor (Location R2)	0.60	10	NO
9 Year Exposure	Maximum Exposed Schoolchild Receptor (Location R3)	1.09	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold?
Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor (Location R2)	0.02	1.0	NO
Annual Average	Maximum Exposed Schoolchild Receptor (Location R3)	<0.01	1.0	NO

TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	8.13	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold?
Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	0.01	1.0	NO

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1 INTRODUCTION

This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

The AQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (2). In this report, the AQMD states (Page D-3):

"...the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for toxic air contaminant (TAC) emissions. The project specific (project increment) significance threshold is $HI > 1.0$ while the cumulative (facility-wide) is $HI > 3.0$. It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.

Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant."

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Non-carcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). A REL is a concentration level at or below which health effects are not likely to occur. A hazard index of less than one (1.0) means that adverse health effects are not expected. In this HRA, non-carcinogenic exposures of less than 1.0 are considered less-than-significant. Both the cancer risk and non-carcinogenic risk thresholds are applied to the nearest sensitive receptors below.

1.1 SITE LOCATION

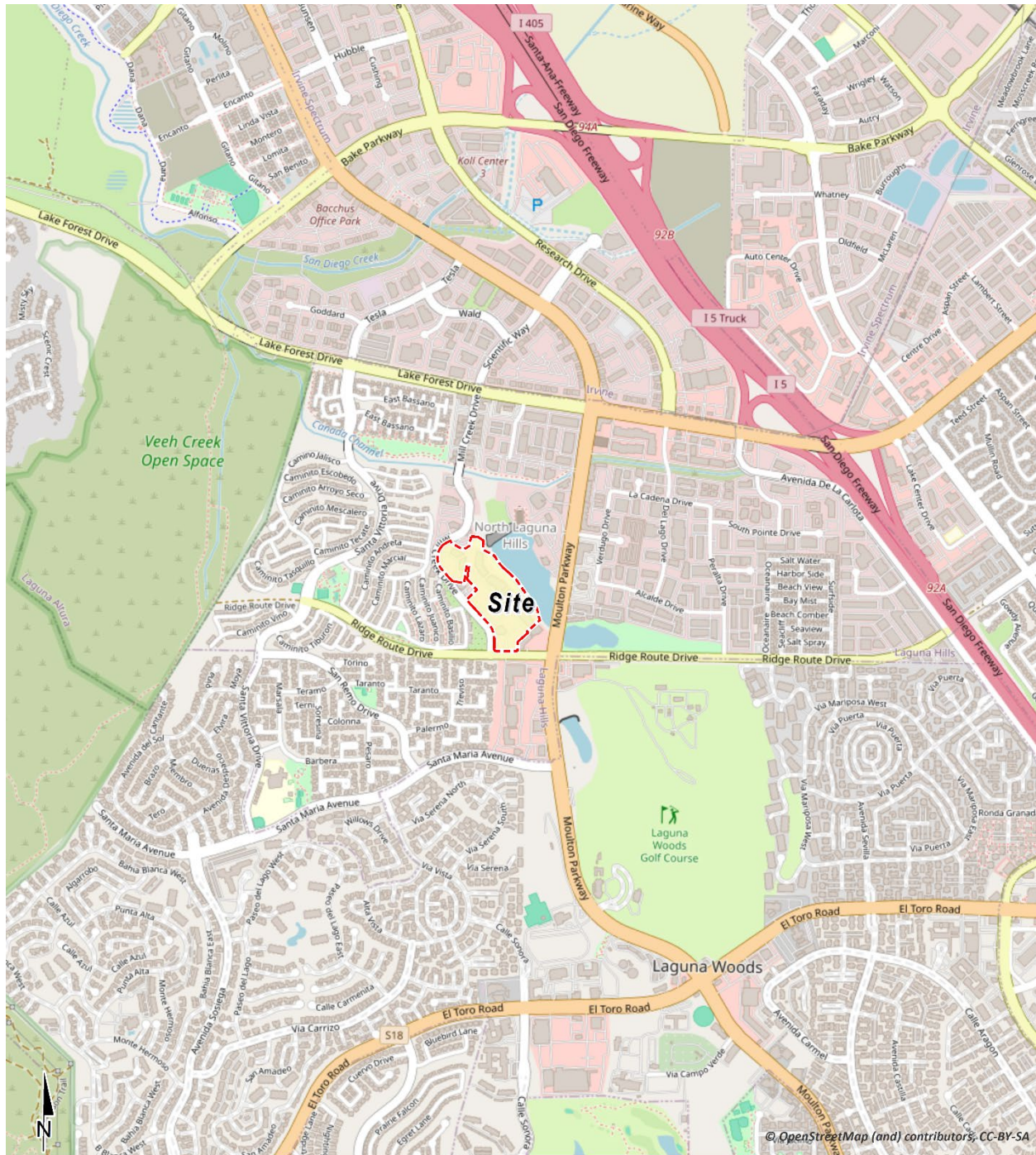
The Project site is located northeast of the intersection of Ridge Route Drive and Mill Creek Road in the City of Laguna Hills, as shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

The project includes 254 attached single-family units and 210 multifamily units. The single-family units include duets (46 units), duplexes (108 units), and triplexes (108 units), all three stories in

height. The multifamily building is five stories in height with 210 apartment units wrapped around a parking structure. Twenty-four of the total units will be restricted for very low-income households.

EXHIBIT 1-A: LOCATION MAP



LEGEND:

Site Boundary

EXHIBIT 1-B: SITE PLAN



2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

This HRA is based on applicable guidelines to produce conservative estimates of human health risk posed by exposure to DPM. The conservative nature of this analysis is due primarily to the following factors:

- The CARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per $\mu\text{g}/\text{m}^3$ is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body.
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.² The California Air Resources Board (CARB) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

2.2.1 Emission Calculations

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment and hauling activity as detailed in CalEEMod runs that were performed by Psomas and included in Appendix 2.1.

Construction-related DPM emissions are expected to occur primarily as a function of heavy-duty construction equipment that would be operating on-site.

As discussed in the technical study, the Project would result in approximately 739 total working-days of construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

Consistent with Project Design Feature (PDF) AQ-1, the analysis assumed that all construction equipment greater than 50 horsepower would meet Tier 4 off-road engine emissions standards adopted by the United States Environmental Protection Agency (EPA).

² An idling time of 15 minutes per truck has been used per SCAQMD recommendations. Although the Project is required to comply with CARB's idling limit of 5 minutes, the SCAQMD recommends the on-site idling emissions should be estimated for 15 minutes of truck idling, which would take into account on-site idling that occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition	11/1/2025	12/12/2025	30
Site Preparation	12/13/2025	12/26/2025	10
Grading	12/27/2025	3/23/2026	61
Building Construction	3/24/2026	12/31/2027	464
Paving	10/29/2027	12/31/2027	46
Architectural Coating	10/22/2027	8/31/2028	225

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Quantity	Hours Per Day
Demolition	Rubber Tired Dozers	4	8
	Excavators	6	10
	Other Construction Equipment	4	8
	Crushing/Processing Equipment	1	8
Site Preparation	Rubber Tired Dozers	5	8
	Tractors/Loaders/Backhoes	6	8
Grading	Graders	2	8
	Excavators	2	8
	Tractors/Loaders/Backhoes	8	8
	Rubber Tired Dozers	2	8
Building Construction	Forklifts	4	8
	Generator Sets	2	8
	Cranes	2	7
	Welders	2	8
	Tractors/Loaders/Backhoes	6	7
Paving	Pavers	2	8
	Paving Equipment	4	8
	Rollers	4	8
	Cement and Mortar Mixers	4	10
	Tractors/Loaders/Backhoes	2	7
Architectural Coating	Air Compressors	2	6

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



LEGEND:

 Construction Activity

2.3 OPERATIONAL HEALTH RISK ASSESSMENT

Vehicle TAC emissions were calculated based on mobile source reactive organic gas (ROG) and particulate matter emissions generated from the California Emissions Estimator Model (CalEEMod), version 2022.1. CalEEMod mobile source emissions are based on the 2021 version of the Emission FAcT or model (EMFAC) developed by the CARB. EMFAC 2021 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by CARB to project changes in future emissions from on-road mobile sources (3).

In order to account for vehicle activity that would occur on the Project site, a trip length of 0.30 mile was assumed for all passenger vehicles. The analysis assumed that light-duty vehicles would be gasoline-powered, while heavy-duty vehicles and buses would be diesel-powered. TAC emissions from gasoline-powered vehicles were calculated based on TAC speciation data provided by CARB (4) and the EPA Motor Vehicle Emissions Simulator (MOVES) (5). The analysis conservatively assumed that all mobile source exhaust particulate matter emissions with a diameter of 10 microns or less (PM₁₀) would be comprised of DPM. Appendix 2.1 presents the detailed emission calculations that were utilized in the analysis.

On-site operational emissions were modeled utilizing volume sources. Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendices 2.3 and 2.4.

It should be noted that this analysis conservatively does not take credit for TAC emissions generated by the existing commercial development on the Project site that would be removed as part of the Project. As the existing commercial development results in a similar number of daily trips as those that would be associated with the proposed Project, it is likely that the development of the proposed Project would not materially affect the risk for nearby sensitive receptors.

2.4 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1). The U.S. EPA's AERMOD model has been utilized. For purposes of this analysis, the Lakes AERMOD View (Version 13.0.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 24142 (6).

The model offers additional flexibility by allowing the user to assign an initial release height and vertical dispersion parameters for mobile sources representative of a roadway. For this HRA, the roadways were modeled as adjacent volume sources. Roadways were modeled using the U.S. EPA's haul route methodology for modeling of on-site and off-site truck movement. More specifically, the Haul Road Volume Source Calculator in Lakes AERMOD View has been utilized to determine the release height parameters. Based on the US EPA methodology, the Project's modeled sources would result in a release height of 3.49 meters, an initial lateral dimension of 4.0 meters, and an initial vertical dimension of 3.25 meters.

Model parameters are presented in Table 2-3. The model requires additional input parameters including emission data and local meteorology. Meteorological data from SCAQMD's Mission Viejo monitoring station was used to represent local weather conditions and prevailing winds (7).

TABLE 2-3: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural):	Urban
Terrain (Flat/Elevated):	Elevated (Regulatory Default)
Averaging Time:	Period (5-year Meteorological Data Set)
Receptor Height:	0 Meters (Regulatory Default)

Universal Transverse Mercator (UTM) coordinates for World Geodetic System (WGS) 84 were used to locate the Project site boundaries, each volume source location, and receptor locations in the Project site's vicinity. The AERMOD dispersion model summary output files for the proposed Project are presented in Appendix 2.3 for construction and Appendix 2.4 for operation. Modeled sensitive receptors were placed at residential and non-residential locations.

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace's building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents, workers, and schoolchildren over a period of 30, 25, or 9 years of exposure, respectively. Notwithstanding, as a conservative measure, receptors were placed at either the outdoor living area or the building façade, whichever is closer to the Project site.

For purposes of this HRA, receptors include both residential and non-residential (worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents, workers, and schoolchildren may be exposed at these locations over a long-term duration of 30, 25, or 9 years, respectively. This methodology is consistent with SCAQMD and OEHHA recommended guidance.

Any impacts to residents or workers located further away from the Project site than the modeled residential and workers would have a lesser impact than what has already been disclosed in the HRA at the MEIR, MEIW, and MEISC because concentrations dissipate with distance.

All receptors were set to existing elevation height so that only ground-level concentrations are analyzed. United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data based on a 10 meter resolution using AERMAP was utilized in the HRA modeling to set elevations (8).

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Table 2-4

summarizes the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines for the construction exposure scenario. Appendix 2.4 includes detailed risk calculations.

2.5 CARCINOGENIC CHEMICAL RISK

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time.

TABLE 2-4: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	2.83	1.00	250	8

In order to estimate impacts from truck, emergency engine, and gasoline dispensing emissions during Project operational activities, health risk was calculated using CARB's Hotspots Analysis and Reporting Program (HARP2), version 22118 (9). HARP2 calculates cancer and non-cancer health risk based on the 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculations and HARP2 model outputs.

Based on guidance from CARB and the California EPA, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the CPF in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)⁻¹ to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$DOSE_{AIR} = \left(C_{AIR} \times \frac{BR}{BW} \times A \times EF \right) \times (1 \times 10^{-6})$$

Where:

$$\begin{aligned}
 DOSE_{AIR} &= \text{chronic daily intake (mg/kg/day)} \\
 C_{AIR} &= \text{concentration of contaminant in air (}\mu\text{g/m}^3\text{)} \\
 \frac{BR}{BW} &= \text{daily breathing rate normalized to body weight} \\
 &\quad \text{(L/kg BW-day)}
 \end{aligned}$$

A	=	inhalation absorption factor
EF	=	exposure frequency (days/365 days)
BW	=	body weight (kg)
1×10^{-6}	=	conversion factors (μg to mg , L to m^3)

$$RISK_{AIR} = DOSE_{AIR} \times CPF \times ASF \times FAH \times \frac{ED}{AT}$$

Where:

$DOSE_{AIR}$	=	chronic daily intake ($\text{mg}/\text{kg}/\text{day}$)
CPF	=	cancer potency factor
ASF	=	age sensitivity factor
FAH	=	fraction of time at home
ED	=	number of years within particular age group
AT	=	averaging time

2.6 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or REL. The REL for diesel particulates was obtained from OEHHHA for this analysis. The chronic REL for DPM was established by OEHHHA as $5 \mu\text{g}/\text{m}^3$ (10).

The non-cancer hazard index was calculated as follows:

$$HI_{DPM} = \frac{C_{DPM}}{REL_{DPM}}$$

Where:

HI_{DPM}	=	Hazard index (unitless)
C_{DPM}	=	Annual average DPM concentration ($\mu\text{g}/\text{m}^3$)
REL_{DPM}	=	REL for DPM (the DPM concentration at which no adverse health effects are anticipated).

2.7 POTENTIAL PROJECT-RELATED CANCER AND NON-CANCER RISKS

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R1 which represents the existing residence located approximately 81 feet southwest of the Project site at 23416 Caminito Salado. Since there are no outdoor private outdoor living areas

(backyards) facing the Project site, receptor R1 is placed at the building façade. At the MEIR the maximum incremental cancer risk attributable to Project construction TAC emissions is estimated at 2.69 in one million, which is less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. Because all other modeled receptors are located at a greater distance from the Project site and would experience lower concentrations of TACs than the MEIR analyzed herein, and because TACs generally dissipate with distance from the source, all other receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than MEIR identified herein. The nearest modeled receptors are illustrated on Exhibit 2-B.

OPERATIONAL IMPACTS

Residential Exposure Scenario

The residential land use with the greatest potential exposure to Project TAC emissions is Location R1 which is located approximately 81 feet southwest of the Project site at the existing residence, located at 23416 Caminito Salado. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R1 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project TAC emissions is estimated at 5.44 in one million, which is less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project operational activity. Because all other modeled residential receptors are located at a greater distance from the Project site and are exposed to lesser concentrations of TACs than the MEIR analyzed herein, and TACs generally dissipate with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby receptors. The nearest modeled receptors are illustrated on Exhibit 2-B.

Worker Exposure Scenario³

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R2, which represents the potential worker receptor located at 23330 Mill Creek Drive, located immediately adjacent to the southwest of the Project site. At the MEIR, the maximum incremental cancer risk impact is estimated at 0.60 in one million, which is less than the SCAQMD threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be 0.02, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project operational activity. Because all other modeled worker receptors are located at a greater distance

³ SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document *OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

than the MEIW analyzed herein, and TACs dissipate with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-B.

School Child Exposure Scenario

The nearest potential school is New Vista School (represented by Location R3), located approximately 224 feet north of the Project site. At the MEISC location, under the school child exposure scenario the maximum incremental cancer risk impact attributable to the Project is calculated to be 1.09 in one million, which is less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R1. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational TAC emissions is estimated at 8.13 in one million, which is less than the SCAQMD threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-B.

It should be noted that for clarity purposes, the receptors presented in Exhibit 2-B do not represent all modeled receptors and instead presents the nearest receptors that would experience the highest pollutant concentrations. A total of 97 receptors were modeled in the analysis. Appendix 2.6 presents a figure detailing the locations of all receptors as modeled in AERMOD.

EXHIBIT 2-B: RECEPTOR LOCATIONS



LEGEND:

Site Boundary
 Receptor Locations
 Distance from receptor to Project site boundary (in feet)

3 REFERENCES

1. **South Coast Air Quality Management District.** Mobile Source Toxics Analysis. [Online] 2003. http://www.aqmd.gov/ceqa/handbook/mobile_toxic/mobile_toxic.html.
2. **Goss, Tracy A and Kroeger, Amy.** White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution. [Online] South Coast Air Quality Management District, 2003. [Cited: June 6, 2019.] <http://www.aqmd.gov/docs/default-source/Agendas/Environmental-Justice/cumulative-impacts-working-group/cumulative-impacts-white-paper.pdf?sfvrsn=2>.
3. **California Air Resources Board.** EMFAC 2021. [Online] <https://www.arb.ca.gov/emfac/>.
4. —. Speciation Profiles Used in CARB Modeling. [Online] <https://ww2.arb.ca.gov/speciation-profiles-used-carb-modeling>.
5. **United States Environmental Protection Agency.** MOVES and Mobile Source Emissions Research. [Online] <https://www.epa.gov/moves>.
6. **Environmental Protection Agency.** User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] November 2024. https://gaftp.epa.gov/Air/aqmg/SCRAM/models/preferred/aermod/aermod_userguide.pdf.
7. **South Coast Air Quality Management District.** AERMOD-Ready Meteorological Data Files. [Online] [Cited: March 3, 2025.] https://www.aqmd.gov/assets/aermet/AERMET_files_And_HRA_Tool.html.
8. **Environmental Protection Agency.** User's Guide for the AERMOD Terrain Preprocessor (AERMAP). [Online] 2018. https://gaftp.epa.gov/Air/aqmg/SCRAM/models/related/aermap/aermap_userguide_v18081.pdf.
9. **California Air Resources Board.** Hot Spots Analysis and Reporting Program, version 22118. [Online] 2022. <https://ww2.arb.ca.gov/our-work/programs/hot-spots-analysis-reporting-program>.
10. **Office of Environmental Health Hazard Assessment.** Toxicity Criteria on Chemicals Evaluated by OEHHA. [Online] <https://oehha.ca.gov/chemicals>.

4 CERTIFICATION

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed Terravita. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me at (949) 660-1994.

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Professional Certifications

Environmental Site Assessment – American Society for Testing and Materials • June 2013
Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
Air Dispersion Modeling – Lakes Environmental • June 2006

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APPENDIX 2.1:

CALEEMOD MODEL OUTPUTS

Terravita Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Terravita
Construction Start Date	11/1/2025
Operational Year	2028
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	6.00
Location	Mill Creek Dr & Ridge Rte Dr, Laguna Hills, CA 92653, USA
County	Orange
City	Laguna Hills
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5929
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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
Single Family Housing	46.0	Dwelling Unit	3.24	142,669	87,990	—	137	Lot 1 - Single Family Attached "A"

Single Family Housing	108	Dwelling Unit	5.47	279,900	54,700	—	322	Lot 2 - Single Family Attached "B"
Single Family Housing	100	Dwelling Unit	6.62	308,650	8,193	—	298	Lot 3 - Single Family Attached "C"
Apartments Mid Rise	210	Dwelling Unit	2.40	233,418	0.00	—	626	Lot 4 Multi-Family
City Park	0.38	Acre	0.38	0.00	16,552	16,552	—	Lot A - Terrace Park
City Park	0.40	Acre	0.40	0.00	17,424	17,424	—	Lot B - Corner Park
Other Asphalt Surfaces	4.33	Acre	0.00	0.00	0.00	—	—	Internal Drive Aisles
Enclosed Parking with Elevator	161	1000sqft	0.00	161,000	0.00	—	—	MFR Parking Structure

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	27.3	9.64	45.4	0.06	0.23	4.75	4.97	0.21	1.14	1.36	0.54	20.5	11,258
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	30.7	43.4	72.8	0.29	0.55	21.3	21.9	0.55	8.93	9.48	5.11	1.76	41,772
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.0	8.64	34.5	0.05	0.20	3.83	3.99	0.19	1.15	1.30	0.46	6.47	9,018

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.38	1.58	6.30	0.01	0.04	0.70	0.73	0.03	0.21	0.24	0.08	1.07	1,493

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.00	9.64	45.4	0.06	0.23	4.75	4.97	0.21	1.14	1.36	0.54	20.5	11,258
2027	1.82	9.45	44.3	0.06	0.21	4.75	4.96	0.20	1.14	1.34	0.53	18.5	11,136
2028	27.3	3.60	6.05	0.02	0.04	1.34	1.39	0.04	0.34	0.38	0.27	6.36	3,000
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.57	43.4	64.1	0.29	0.55	21.3	21.9	0.55	8.93	9.48	5.11	1.76	41,772
2026	2.00	11.9	44.4	0.10	0.23	7.56	7.79	0.23	3.22	3.45	0.98	0.53	13,142
2027	30.7	22.6	72.8	0.13	0.55	7.20	7.76	0.52	1.77	2.29	1.18	0.83	19,889
2028	27.3	3.71	5.66	0.02	0.04	1.34	1.39	0.04	0.34	0.38	0.29	0.16	2,965
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.18	2.93	6.37	0.02	0.05	1.38	1.43	0.05	0.41	0.46	0.27	1.62	2,726
2026	1.26	7.41	31.4	0.05	0.16	3.83	3.99	0.16	1.15	1.30	0.46	5.89	8,261
2027	5.28	8.64	34.5	0.05	0.20	3.70	3.90	0.19	0.89	1.08	0.46	6.47	9,018
2028	13.0	1.77	2.75	0.01	0.02	0.64	0.66	0.02	0.16	0.18	0.14	1.31	1,422
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.03	0.53	1.16	< 0.005	0.01	0.25	0.26	0.01	0.08	0.08	0.04	0.27	451
2026	0.23	1.35	5.72	0.01	0.03	0.70	0.73	0.03	0.21	0.24	0.08	0.97	1,368
2027	0.96	1.58	6.30	0.01	0.04	0.68	0.71	0.03	0.16	0.20	0.08	1.07	1,493

2028	2.38	0.32	0.50	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	0.02	0.22	235

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	35.0	6.54	107	0.20	0.14	19.4	19.5	0.12	4.91	5.04	0.89	63.5	26,128
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.5	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.92	8.38	25,217
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	32.8	6.24	85.4	0.17	0.12	17.0	17.2	0.11	4.32	4.43	0.83	28.5	23,206
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.98	1.14	15.6	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.14	4.72	3,842

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.28	6.23	74.1	0.20	0.11	19.4	19.5	0.10	4.91	5.02	0.77	56.6	20,444
Area	25.8	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672

Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	35.0	6.54	107	0.20	0.14	19.4	19.5	0.12	4.91	5.04	0.89	63.5	26,128
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.21	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.81	1.47	19,632
Area	22.3	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	31.5	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.92	8.38	25,217
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	8.08	6.03	62.6	0.17	0.10	17.0	17.1	0.09	4.32	4.42	0.71	21.6	17,553
Area	24.7	0.21	22.9	< 0.005	0.02	—	0.02	0.01	—	0.01	< 0.005	—	68.2
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.03	—	4,563
Water	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Total	32.8	6.24	85.4	0.17	0.12	17.0	17.2	0.11	4.32	4.43	0.83	28.5	23,206
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.47	1.10	11.4	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.12	3.58	2,906
Area	4.50	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.01	—	755
Water	—	—	—	—	—	—	—	—	—	—	0.01	—	56.7
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	111
Refrig.	—	—	—	—	—	—	—	—	—	—	—	1.14	1.14
Total	5.98	1.14	15.6	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.14	4.72	3,842

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.25	8.47	44.3	0.07	0.29	—	0.29	0.28	—	0.28	0.06	—	7,992
Demolition	—	—	—	—	—	6.04	6.04	—	0.91	0.91	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.70	3.64	0.01	0.02	—	0.02	0.02	—	0.02	0.01	—	657
Demolition	—	—	—	—	—	0.50	0.50	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.13	0.66	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	109
Demolition	—	—	—	—	—	0.09	0.09	—	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.15	1.82	0.00	0.00	0.49	0.49	0.00	0.11	0.11	0.02	0.05	479
Vendor	0.03	1.20	0.59	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.08	1,164
Hauling	0.15	9.61	4.13	0.05	0.10	1.98	2.07	0.10	0.55	0.65	1.23	0.42	8,009
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	< 0.005	0.07	40.0
Vendor	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	0.01	0.11	95.8
Hauling	0.01	0.80	0.34	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	0.10	0.57	659
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.01	6.62
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	15.9
Hauling	< 0.005	0.15	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	0.02	0.09	109

3.3. 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	4.22	45.8	0.08	0.16	—	0.16	0.16	—	0.16	0.07	—	8,662
Dust From Material Movement	—	—	—	—	—	12.8	12.8	—	6.58	6.58	—	—	—
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

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.12	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	237
Dust From Material Movement	—	—	—	—	—	0.35	0.35	—	0.18	0.18	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	39.3
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.11	1.33	0.00	0.00	0.36	0.36	0.00	0.08	0.08	0.01	0.04	351
Vendor	0.03	1.20	0.59	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.08	1,164
Hauling	0.61	37.9	16.3	0.20	0.38	7.80	8.18	0.38	2.19	2.57	4.87	1.64	31,595
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.02	9.77
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.04	31.9
Hauling	0.02	1.05	0.44	0.01	0.01	0.21	0.22	0.01	0.06	0.07	0.13	0.75	866
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	< 0.005	< 0.005	1.62
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	5.29

Hauling	< 0.005	0.19	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.12	143

3.5. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78	4.71	39.6	0.06	0.17	—	0.17	0.16	—	0.16	0.05	—	6,522
Dust From Material Movement	—	—	—	—	—	5.54	5.54	—	2.67	2.67	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	63.8
Dust From Material Movement	—	—	—	—	—	0.05	0.05	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	10.6
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.14	1.69	0.00	0.00	0.46	0.46	0.00	0.11	0.11	0.02	0.05	447
Vendor	0.03	1.20	0.59	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.08	1,164
Hauling	0.10	6.16	2.65	0.03	0.06	1.27	1.33	0.06	0.36	0.42	0.79	0.27	5,130
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	< 0.005	0.01	4.44
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	11.4
Hauling	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01	0.04	50.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	< 0.005	< 0.005	0.74
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.89
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	8.32

3.7. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	4.69	39.6	0.06	0.16	—	0.16	0.16	—	0.16	0.05	—	6,522

Dust From Material Movement	—	—	—	—	—	5.54	5.54	—	2.67	2.67	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.75	6.36	0.01	0.03	—	0.03	0.03	—	0.03	0.01	—	1,047
Dust From Material Movement	—	—	—	—	—	0.89	0.89	—	0.43	0.43	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.14	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	173
Dust From Material Movement	—	—	—	—	—	0.16	0.16	—	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.12	1.59	0.00	0.00	0.46	0.46	0.00	0.11	0.11	0.02	0.04	439
Vendor	0.02	1.16	0.57	0.01	0.01	0.30	0.31	0.01	0.08	0.09	0.15	0.07	1,146
Hauling	0.07	5.93	2.56	0.03	0.06	1.27	1.33	0.06	0.36	0.42	0.76	0.25	5,035
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.27	0.00	0.00	0.07	0.07	0.00	0.02	0.02	< 0.005	0.11	71.5
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	0.02	0.20	184
Hauling	0.01	0.96	0.41	0.01	0.01	0.20	0.21	0.01	0.06	0.07	0.12	0.67	809

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.02	11.8
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.03	30.5
Hauling	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.11	134

3.9. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	6.09	27.8	0.04	0.21	—	0.21	0.20	—	0.20	0.04	—	4,505
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	6.09	27.8	0.04	0.21	—	0.21	0.20	—	0.20	0.04	—	4,505
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	3.37	15.4	0.02	0.11	—	0.11	0.11	—	0.11	0.02	—	2,495

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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.62	2.81	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	413
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	0.94	16.4	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	14.0	4,099
Vendor	0.05	2.43	1.21	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.34	6.16	2,493
Hauling	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.31	161
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.08	14.1	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	0.36	3,891
Vendor	0.05	2.52	1.24	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.34	0.16	2,488
Hauling	< 0.005	0.19	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.01	161
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.58	0.60	8.12	0.00	0.00	2.24	2.24	0.00	0.52	0.52	0.08	3.36	2,187
Vendor	0.03	1.41	0.68	0.01	0.01	0.36	0.37	0.01	0.10	0.11	0.19	1.48	1,379
Hauling	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	0.01	0.07	89.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	1.48	0.00	0.00	0.41	0.41	0.00	0.10	0.10	0.01	0.56	362
Vendor	< 0.005	0.26	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	0.03	0.24	228

Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	14.8

3.11. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	6.01	27.8	0.04	0.19	—	0.19	0.18	—	0.18	0.04	—	4,505
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	6.01	27.8	0.04	0.19	—	0.19	0.18	—	0.18	0.04	—	4,505
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	4.29	19.8	0.03	0.14	—	0.14	0.13	—	0.13	0.03	—	3,218
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.11	0.78	3.62	0.01	0.03	—	0.03	0.02	—	0.02	< 0.005	—	533
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.89	0.93	15.3	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	12.6	4,030
Vendor	0.05	2.33	1.16	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.32	5.60	2,443
Hauling	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.29	158
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.95	13.2	0.00	0.00	4.06	4.06	0.00	0.95	0.95	0.15	0.33	3,826
Vendor	0.05	2.43	1.19	0.02	0.02	0.65	0.67	0.02	0.18	0.20	0.32	0.14	2,439
Hauling	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.01	158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.63	0.76	9.83	0.00	0.00	2.89	2.89	0.00	0.68	0.68	0.11	3.89	2,773
Vendor	0.03	1.75	0.84	0.01	0.01	0.46	0.48	0.01	0.13	0.14	0.23	1.72	1,743
Hauling	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	0.02	0.09	113
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.14	1.79	0.00	0.00	0.53	0.53	0.00	0.12	0.12	0.02	0.64	459
Vendor	0.01	0.32	0.15	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	0.04	0.29	289
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.01	18.7

3.13. Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	6.67	21.9	0.03	0.27	—	0.27	0.25	—	0.25	0.03	—	3,192
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—
Paving	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.84	2.76	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	402
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.15	0.50	< 0.005	0.01	—	0.01	0.01	—	0.01	< 0.005	—	66.6
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—
Paving	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.12	1.70	0.00	0.00	0.52	0.52	0.00	0.12	0.12	0.02	0.04	493
Vendor	0.02	1.28	0.62	0.01	0.01	0.34	0.35	0.01	0.09	0.10	0.17	0.08	1,284
Hauling	0.01	1.13	0.49	0.01	0.01	0.25	0.26	0.01	0.07	0.08	0.15	0.05	970
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	< 0.005	0.09	63.1
Vendor	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.02	0.16	162
Hauling	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	0.02	0.10	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	< 0.005	0.01	10.4
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.03	26.8
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.02	20.2

3.15. 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.66	2.25	< 0.005	0.04	—	0.04	0.04	—	0.04	< 0.005	—	268

Architectura l	26.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.23	0.31	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	< 0.005	—	37.2
Architectura l Coatings	3.73	—	—	—	—	—	—	—	—	—	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	6.16
Architectura l Coatings	0.68	—	—	—	—	—	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.19	2.64	0.00	0.00	0.81	0.81	0.00	0.19	0.19	0.03	0.07	765
Vendor	0.04	1.98	0.97	0.01	0.01	0.53	0.54	0.01	0.15	0.16	0.26	0.12	1,990
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.38	0.00	0.00	0.11	0.11	0.00	0.03	0.03	< 0.005	0.15	108
Vendor	0.01	0.28	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	0.04	0.27	277
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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	< 0.005	0.03	17.9
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01	0.05	45.8
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

3.17. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	1.62	2.24	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	268
Architectural Coatings	26.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	1.62	2.24	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	268
Architectural Coatings	26.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.77	1.07	< 0.005	0.01	—	0.01	0.01	—	0.01	< 0.005	—	128

Architectural Coatings	12.8	—	—	—	—	—	—	—	—	—	—	—	—
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.14	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	21.2
Architectural Coatings	2.34	—	—	—	—	—	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	2.89	0.00	0.00	0.81	0.81	0.00	0.19	0.19	< 0.005	2.25	784
Vendor	0.04	1.83	0.91	0.01	0.01	0.53	0.54	0.01	0.15	0.16	0.26	4.11	1,949
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.19	2.49	0.00	0.00	0.81	0.81	0.00	0.19	0.19	0.03	0.06	752
Vendor	0.04	1.91	0.93	0.01	0.01	0.53	0.54	0.01	0.15	0.16	0.26	0.11	1,946
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.09	1.24	0.00	0.00	0.39	0.39	0.00	0.09	0.09	0.01	0.46	364
Vendor	0.02	0.91	0.44	0.01	0.01	0.25	0.26	0.01	0.07	0.08	0.12	0.85	930
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	< 0.005	0.08	60.3
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	0.02	0.14	154

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

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	5.46	3.66	43.6	0.12	0.07	11.4	11.5	0.06	2.89	2.95	0.45	33.3	12,027
Apartments Mid Rise	3.82	2.56	30.5	0.08	0.05	7.97	8.02	0.04	2.02	2.07	0.32	23.3	8,418
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	9.28	6.23	74.1	0.20	0.11	19.4	19.5	0.10	4.91	5.02	0.77	56.6	20,444
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	5.42	3.98	40.7	0.11	0.07	11.4	11.5	0.06	2.89	2.95	0.47	0.86	11,549
Apartments Mid Rise	3.79	2.79	28.5	0.08	0.05	7.97	8.02	0.04	2.02	2.07	0.33	0.60	8,083
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	9.21	6.76	69.2	0.19	0.11	19.4	19.5	0.10	4.91	5.02	0.81	1.47	19,632
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.96	0.72	7.44	0.02	0.01	2.03	2.04	0.01	0.51	0.53	0.08	2.33	1,894
Apartments Mid Rise	0.51	0.38	3.98	0.01	0.01	1.08	1.09	0.01	0.28	0.28	0.04	1.25	1,013
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	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	1.47	1.10	11.4	0.03	0.02	3.11	3.13	0.02	0.79	0.81	0.12	3.58	2,906

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.02	—	2,566

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	1,127
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.01	—	869
Total	—	—	—	—	—	—	—	—	—	—	0.03	—	4,563
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.02	—	2,566
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	1,127
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.01	—	869
Total	—	—	—	—	—	—	—	—	—	—	0.03	—	4,563
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	< 0.005	—	425
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	< 0.005	—	187
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	< 0.005	—	144
Total	—	—	—	—	—	—	—	—	—	—	0.01	—	755

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	—	0.00
Enclosed Parking with Elevator	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

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.7	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	1.65	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.44	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Total	25.8	0.31	33.4	< 0.005	0.02	—	0.02	0.02	—	0.02	< 0.005	—	99.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.7	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.65	—	—	—	—	—	—	—	—	—	—	—	—
Total	22.3	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.77	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.30	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.43	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3
Total	4.50	0.04	4.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	11.3

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.05	—	192
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.04	—	143
City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	7.60
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.05	—	192
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.04	—	143
City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	7.60
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.08	—	343
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.01	—	31.8
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.01	—	23.7

City Park	—	—	—	—	—	—	—	—	—	—	< 0.005	—	1.26
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.01	—	56.7

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	379
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	293
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.13
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	379
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	293
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.13
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	672
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00	—	62.7
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00	—	48.5
City Park	—	—	—	—	—	—	—	—	—	—	0.00	—	0.02
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	111

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.24	5.24
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67	1.67
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.24	5.24
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67	1.67
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.91	6.91
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	0.87	0.87
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.14	1.14

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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
Demolition	Demolition	11/1/2025	12/12/2025	5.00	30.0	—
Site Preparation	Site Preparation	12/13/2025	12/26/2025	5.00	10.0	—
Grading	Grading	12/27/2025	3/23/2026	5.00	61.0	—
Building Construction	Building Construction	3/24/2026	12/31/2027	5.00	464	—
Paving	Paving	10/29/2027	12/31/2027	5.00	46.0	—
Architectural Coating	Architectural Coating	10/22/2027	8/31/2028	5.00	225	—

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
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	4.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	6.00	8.00	36.0	0.38
Demolition	Other Construction Equipment	Diesel	Tier 4 Final	4.00	10.0	82.0	0.42
Demolition	Crushing/Proc. Equipment	Diesel	Tier 4 Final	1.00	8.00	350	0.74
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	5.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	6.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	8.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	4.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	6.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	4.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	4.00	8.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	4.00	10.0	10.0	0.56
Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37

Architectural Coating	Air Compressors	Diesel	Average	2.00	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
Demolition	—	—	—	—
Demolition	Worker	37.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	35.0	10.2	HHDT,MHDT
Demolition	Hauling	109	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	27.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	35.0	10.2	HHDT,MHDT
Site Preparation	Hauling	431	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	35.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	35.0	10.2	HHDT,MHDT
Grading	Hauling	70.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	310	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	76.0	10.2	HHDT,MHDT
Building Construction	Hauling	2.24	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	40.0	18.5	LDA,LDT1,LDT2

Paving	Vendor	40.0	10.2	HHDT,MHDT
Paving	Hauling	13.7	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	62.1	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	62.0	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
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)
Architectural Coating	1,953,390	651,130	0.00	0.00	—

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 (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	285,061	—
Site Preparation	34,493	—	35.0	0.00	—

Grading	34,167	—	122	0.00	—
Building Construction	8,320	—	0.00	0.00	—
Paving	5,050	—	0.00	0.00	10.5

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.51	0%
Single Family Housing	1.19	0%
Single Family Housing	1.10	0%
Apartments Mid Rise	—	0%
City Park	0.00	0%
City Park	0.00	0%
Other Asphalt Surfaces	4.33	100%
Enclosed Parking with Elevator	3.40	100%

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
2028	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VM/Weekday	VM/Saturday	VM/Sunday	VM/Year
Single Family Housing	628	634	569	226,569	5,315	5,366	4,813	1,916,417
Single Family Housing	629	634	569	226,609	5,317	5,362	4,814	1,916,752
Single Family Housing	628	634	569	226,456	5,312	5,363	4,813	1,915,464
Apartments Mid Rise	956	861	1,331	363,431	8,082	7,283	11,262	3,074,049
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	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)
1953389.9249999998	651,130	0.00	0.00	—

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)
Single Family Housing	317,694	532	0.0330	0.0040	0.00
Single Family Housing	745,889	532	0.0330	0.0040	0.00
Single Family Housing	690,638	532	0.0330	0.0040	0.00
Apartments Mid Rise	770,509	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	532	0.0330	0.0040	0.00
Enclosed Parking with Elevator	594,320	532	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)
Single Family Housing	1,726,180	1,393,802
Single Family Housing	4,052,770	866,473
Single Family Housing	3,752,565	129,781
Apartments Mid Rise	7,880,387	0.00
City Park	0.00	476,711
City Park	0.00	501,826

Other Asphalt Surfaces	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	36.3	—
Single Family Housing	85.4	—
Single Family Housing	79.1	—
Apartments Mid Rise	155	—
City Park	0.03	—
City Park	0.03	—
Other Asphalt Surfaces	0.00	—
Enclosed Parking with Elevator	0.00	—

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
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0

Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

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	8.79	annual days of extreme heat
Extreme Precipitation	4.15	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.32	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 $\frac{3}{4}$ 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	1	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	1	1	1	2
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	64.7
AQ-PM	50.7

AQ-DPM	41.1
Drinking Water	40.5
Lead Risk Housing	22.8
Pesticides	0.00
Toxic Releases	63.7
Traffic	85.8
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	41.8
Impaired Water Bodies	77.3
Solid Waste	9.67
Sensitive Population	—
Asthma	11.4
Cardio-vascular	12.8
Low Birth Weights	38.2
Socioeconomic Factor Indicators	—
Education	23.7
Housing	47.6
Linguistic	55.1
Poverty	25.3
Unemployment	41.8

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	87.24496343

Employed	91.37687668
Median HI	78.04439882
Education	—
Bachelor's or higher	80.88027717
High school enrollment	100
Preschool enrollment	76.50455537
Transportation	—
Auto Access	76.73553189
Active commuting	16.51482099
Social	—
2-parent households	47.27319389
Voting	53.2144232
Neighborhood	—
Alcohol availability	74.63107917
Park access	81.35506224
Retail density	81.68869498
Supermarket access	35.3137431
Tree canopy	67.04735019
Housing	—
Homeownership	65.03272167
Housing habitability	66.27742846
Low-inc homeowner severe housing cost burden	43.08995252
Low-inc renter severe housing cost burden	52.02104453
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	90.41447453
Arthritis	0.0
Asthma ER Admissions	84.1

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	76.1
Cognitively Disabled	18.3
Physically Disabled	50.9
Heart Attack ER Admissions	73.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	69.2
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	0.4
SLR Inundation Area	0.0
Children	65.5
Elderly	24.3
English Speaking	57.9
Foreign-born	62.8
Outdoor Workers	93.3

Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.0
Traffic Density	92.7
Traffic Access	60.0
Other Indices	—
Hardship	18.2
Other Decision Support	—
2016 Voting	80.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	25.0
Healthy Places Index Score for Project Location (b)	84.0
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	User defined inputs based on site plan and applicant provided data needs.
Construction: Construction Phases	Schedule provided by Project Applicant in consultation with Project contractor
Construction: Off-Road Equipment	Data provided by Applicant
Construction: Demolition	Based on Applicant Provided data re: Existing uses
Construction: Paving	Paving area added for internal drive aisles and parking garage
Operations: Hearths	No fire places or wood stoves are proposed
Operations: Energy Use	All electric development. Project natural gas use was converted to kWh and added to projected electrical consumption
Operations: Vehicle Data	Trip rates adjusted to be consistent with TIA. SFR trips divided evenly across the three SFR uses. No changes made to default trip lengths/trip types.
Construction: Off-Road Equipment EF	Crushing/Proc. Equipment EFs adjusted to represent a rock crusher powered by a diesel generator.
Construction: Dust From Material Movement	Based on applicant provided data.
Construction: Architectural Coatings	SCAQMD Super Compliant Paint shall be used for all residential interiors and exteriors

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APPENDIX 2.2:

EMISSION CALCULATIONS

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site Exhaust PM-10	Demolition	0.29	30	8.666729476	0.288890983	0.036111373
	Site Preparation	0.16	10	1.623448787	0.162344879	0.02029311
	Grading	0.17	61	10.16587986	0.166653768	0.020831721
	Building Construction	0.20	464	92.83216337	0.200069318	0.025008665
	Paving	0.27	46	12.22101532	0.265674246	0.033209281
	Architectural Coating	0.04	225	8.571907118	0.038097365	0.004762171
		1.12	739	134.0811439	0.181435919	0.02267949
Off-Site Exhaust PM-10	Demolition	1.04E-01	30	3.127698111	0.104256604	0.013032075
	Site Preparation	3.88E-01	10	3.881238123	0.388123812	0.048515477
	Grading	6.96E-02	61	4.246477952	0.069614393	0.008701799
	Building Construction	1.71E-02	464	7.928773257	0.017087873	0.002135984
	Paving	8.99E-03	46	0.413763573	0.00899486	0.001124358
	Architectural Coating	1.39E-02	225	3.136957526	0.013942033	0.001742754
		6.02E-01	739	22.73490854	0.030764423	0.003845553

Phase	Start Date	End Date	No. Days
Demolition	11/1/2025	12/12/2025	30
Site Preparation	12/13/2025	12/26/2025	10
Grading	12/27/2025	3/23/2026	61
Building Construction	3/24/2026	12/31/2027	464
Paving	10/29/2027	12/31/2027	46
Architectural Coating	10/22/2027	8/31/2028	225
Total Days of Construction			739

Trips			Gas	Diesel
Weekday	Sat	Sun	% PC	% Truck
2841	2763	3038	93.76%	6.24%
71.51%	14.25%	14.25%	Trips:	2680
2032	394	433		

Weighted Trips: 2858

	HHD	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHD	OBUS	SBUS	UBUS
Default	0.587086	49.23863	3.932636	23.79876	2.807518	0.743602	2.235406	14.55227	0.351116	1.561291	0.059783	0.096506	0.0354
Adjusted - PC	0	52.51689	4.194468	25.38326	0	0	2.384237	15.52114	0	0	0	0	0
Adjusted - Trucks	9.404966	0	0	0	44.97568	11.91231	0	0	5.624781	25.01146	0.957712	1.545995	0.56709

Trip Gen

Land Use	Size	Default Trip Rate			PC Trip Rate			Truck Trip Rate		
		Weekday	Saturday	Sunday	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
SFH	46	13.66	13.79	12.37	12.81	12.93	11.60	0.85	0.86	0.77
SFH	108	5.82	5.87	5.27	5.46	5.50	4.94	0.36	0.37	0.33
SFH	100	6.28	6.34	5.69	5.89	5.94	5.33	0.39	0.40	0.36
Apartment	210	4.55	4.1	6.34	4.27	3.84	5.94	0.28	0.26	0.40

Trips			Gas	Diesel
Weekday	Sat	Sun	% PC	% Truck
2888	656	208	93.76%	6.24%
71.51%	14.25%	14.25%	Trips: 2052 137	
2065	93	30		

Weighted Trips: 2188

	HHD	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHD	OBUS	SBUS	UBUS
Default	0.587086	49.23863	3.932636	23.79876	2.807518	0.743602	2.235406	14.55227	0.351116	1.561291	0.059783	0.096506	0.0354
Adjusted - PC	0	52.51689	4.194468	25.38326	0	0	2.384237	15.52114	0	0	0	0	0
Adjusted - Trucks	9.404966	0	0	0	44.97568	11.91231	0	0	5.624781	25.01146	0.957712	1.545995	0.56709

Trip Gen

Land Use	Size	Default Trip Rate			PC Trip Rate			Truck Trip Rate		
		Weekday	Saturday	Sunday	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
SFH	46	13.66	13.79	12.37	12.81	12.93	11.60	0.85	0.86	0.77
SFH	108	5.82	5.87	5.27	5.46	5.50	4.94	0.36	0.37	0.33
SFH	100	6.28	6.34	5.69	5.89	5.94	5.33	0.39	0.40	0.36
Apartment	210	4.55	4.1	6.34	4.27	3.84	5.94	0.28	0.26	0.40

Passenger Vehicle Onsite Emissions

ROG PM2.5E

1.06E+00 2.11E-03 tons/yr 34 # of Sources
 2.12E+03 4.21E+00 lbs/yr
 2.42E-01 4.81E-04 lbs/hr

CAS	Pol	Wt Frac		Emissions		Emissions/source	
		ROG	PM2.5	lb/hr	lb/yr	lb/hr	lb/yr
106990	1,3-Butadiene	1.66E-03	0	4.02E-04	3.52E+00	1.18172E-05	0.103518465
71432	Benzene	2.67E-02	0	6.46E-03	5.66E+01	0.000190071	1.66502592
50000	Formaldehyde	1.47E-02	0	3.56E-03	3.12E+01	0.000104646	0.916699664
107028	Acrolein	3.33E-05	0	8.06E-06	7.06E-02	2.37055E-07	0.002076605
91203	Naphthalene	2.53E-03	7.19E-05	6.12E-04	5.36E+00	1.80115E-05	0.157781023
75070	Acetaldehyde	9.82E-03	0	2.38E-03	2.08E+01	6.99064E-05	0.61238032
100414	Ethyl Benzene	7.67E-03	0	1.86E-03	1.63E+01	5.46011E-05	0.478305199
83329	Acenaphthene	3.99E-05	0	9.66E-06	8.46E-02	2.84039E-07	0.002488185
208968	Acenaphthylene	1.81E-04	2.13E-05	4.38E-05	3.84E-01	1.2888E-06	0.011289892
120127	Anthracene	3.35E-05	2.21E-05	8.12E-06	7.11E-02	2.38792E-07	0.002091814
56553	Benz(a)anthracene	5.40E-06	2.03E-04	1.40E-06	1.23E-02	4.13111E-08	0.000361886
50328	Benzo(a)pyrene	2.94E-07	5.09E-04	3.16E-07	2.77E-03	9.28841E-09	8.13665E-05
205992	Benzo(b)fluoranthene	4.01E-06	2.48E-04	1.09E-06	9.55E-03	3.20522E-08	0.000280777
191242	Benzo(g,h,i)perylene	0.00E+00	1.38E-03	6.63E-07	5.81E-03	1.95084E-08	0.000170894
207089	Benzo(k)fluoranthene	4.01E-06	2.48E-04	1.09E-06	9.55E-03	3.20522E-08	0.000280777
218019	Chrysene	6.05E-06	1.72E-04	1.55E-06	1.36E-02	4.55001E-08	0.000398581
53703	Dibenz(a,h)anthracene	0.00E+00	1.19E-05	5.72E-09	5.01E-05	1.68225E-10	1.47365E-06
206440	Fluoranthene	5.60E-05	7.80E-05	1.36E-05	1.19E-01	3.99754E-07	0.003501848
86737	Fluorene	8.08E-05	0.00E+00	1.96E-05	1.71E-01	5.75198E-07	0.00503873
193395	Indeno(1,2,3-c,d)pyrene	0.00E+00	5.17E-04	2.48E-07	2.18E-03	7.30858E-09	6.40232E-05
85018	Phenanthrene	2.14E-04	7.74E-05	5.18E-05	4.54E-01	1.52451E-06	0.013354736
129000	Pyrene	6.40E-05	8.47E-05	1.55E-05	1.36E-01	4.56799E-07	0.004001562

Truck Emissions

PM10E

2.82E-04 tons/yr
 5.64E-01 lbs/yr
 6.44E-05 lbs/hr

CAS	Pol	Wt Frac		Emissions		Emissions/source	
		PM10		lb/hr	lb/yr	lb/hr	lb/yr
9901	Diesel Particulate Matter	1.00E+00		6.44E-05	5.64E-01	1.89509E-06	0.016601018

VOL1	0	0	106990	1	0.103518465	1.18172E-05	1
VOL1	0	0	71432	1	1.66502592	0.000190071	1
VOL1	0	0	50000	1	0.916699664	0.000104646	1
VOL1	0	0	107028	1	0.002076605	2.37055E-07	1
VOL1	0	0	91203	1	0.157781023	1.80115E-05	1
VOL1	0	0	75070	1	0.61238032	6.99064E-05	1
VOL1	0	0	100414	1	0.478305199	5.46011E-05	1
VOL1	0	0	83329	1	0.002488185	2.84039E-07	1
VOL1	0	0	208968	1	0.011289892	1.2888E-06	1
VOL1	0	0	120127	1	0.002091814	2.38792E-07	1
VOL1	0	0	56553	1	0.000361886	4.13111E-08	1
VOL1	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL1	0	0	205992	1	0.000280777	3.20522E-08	1
VOL1	0	0	191242	1	0.000170894	1.95084E-08	1
VOL1	0	0	207089	1	0.000280777	3.20522E-08	1
VOL1	0	0	218019	1	0.000398581	4.55001E-08	1
VOL1	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL1	0	0	206440	1	0.003501848	3.99754E-07	1
VOL1	0	0	86737	1	0.00503873	5.75198E-07	1
VOL1	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL1	0	0	85018	1	0.013354736	1.52451E-06	1
VOL1	0	0	129000	1	0.004001562	4.56799E-07	1
VOL1	0	0	9901	1	0.016601018	1.89509E-06	1
VOL2	0	0	106990	1	0.103518465	1.18172E-05	1
VOL2	0	0	71432	1	1.66502592	0.000190071	1
VOL2	0	0	50000	1	0.916699664	0.000104646	1
VOL2	0	0	107028	1	0.002076605	2.37055E-07	1
VOL2	0	0	91203	1	0.157781023	1.80115E-05	1
VOL2	0	0	75070	1	0.61238032	6.99064E-05	1
VOL2	0	0	100414	1	0.478305199	5.46011E-05	1
VOL2	0	0	83329	1	0.002488185	2.84039E-07	1
VOL2	0	0	208968	1	0.011289892	1.2888E-06	1
VOL2	0	0	120127	1	0.002091814	2.38792E-07	1
VOL2	0	0	56553	1	0.000361886	4.13111E-08	1
VOL2	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL2	0	0	205992	1	0.000280777	3.20522E-08	1
VOL2	0	0	191242	1	0.000170894	1.95084E-08	1
VOL2	0	0	207089	1	0.000280777	3.20522E-08	1
VOL2	0	0	218019	1	0.000398581	4.55001E-08	1
VOL2	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL2	0	0	206440	1	0.003501848	3.99754E-07	1
VOL2	0	0	86737	1	0.00503873	5.75198E-07	1
VOL2	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL2	0	0	85018	1	0.013354736	1.52451E-06	1

VOL2	0	0	129000	1	0.004001562	4.56799E-07	1
VOL2	0	0	9901	1	0.016601018	1.89509E-06	1
VOL3	0	0	106990	1	0.103518465	1.18172E-05	1
VOL3	0	0	71432	1	1.66502592	0.000190071	1
VOL3	0	0	50000	1	0.916699664	0.000104646	1
VOL3	0	0	107028	1	0.002076605	2.37055E-07	1
VOL3	0	0	91203	1	0.157781023	1.80115E-05	1
VOL3	0	0	75070	1	0.61238032	6.99064E-05	1
VOL3	0	0	100414	1	0.478305199	5.46011E-05	1
VOL3	0	0	83329	1	0.002488185	2.84039E-07	1
VOL3	0	0	208968	1	0.011289892	1.2888E-06	1
VOL3	0	0	120127	1	0.002091814	2.38792E-07	1
VOL3	0	0	56553	1	0.000361886	4.13111E-08	1
VOL3	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL3	0	0	205992	1	0.000280777	3.20522E-08	1
VOL3	0	0	191242	1	0.000170894	1.95084E-08	1
VOL3	0	0	207089	1	0.000280777	3.20522E-08	1
VOL3	0	0	218019	1	0.000398581	4.55001E-08	1
VOL3	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL3	0	0	206440	1	0.003501848	3.99754E-07	1
VOL3	0	0	86737	1	0.00503873	5.75198E-07	1
VOL3	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL3	0	0	85018	1	0.013354736	1.52451E-06	1
VOL3	0	0	129000	1	0.004001562	4.56799E-07	1
VOL3	0	0	9901	1	0.016601018	1.89509E-06	1
VOL4	0	0	106990	1	0.103518465	1.18172E-05	1
VOL4	0	0	71432	1	1.66502592	0.000190071	1
VOL4	0	0	50000	1	0.916699664	0.000104646	1
VOL4	0	0	107028	1	0.002076605	2.37055E-07	1
VOL4	0	0	91203	1	0.157781023	1.80115E-05	1
VOL4	0	0	75070	1	0.61238032	6.99064E-05	1
VOL4	0	0	100414	1	0.478305199	5.46011E-05	1
VOL4	0	0	83329	1	0.002488185	2.84039E-07	1
VOL4	0	0	208968	1	0.011289892	1.2888E-06	1
VOL4	0	0	120127	1	0.002091814	2.38792E-07	1
VOL4	0	0	56553	1	0.000361886	4.13111E-08	1
VOL4	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL4	0	0	205992	1	0.000280777	3.20522E-08	1
VOL4	0	0	191242	1	0.000170894	1.95084E-08	1
VOL4	0	0	207089	1	0.000280777	3.20522E-08	1
VOL4	0	0	218019	1	0.000398581	4.55001E-08	1
VOL4	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL4	0	0	206440	1	0.003501848	3.99754E-07	1
VOL4	0	0	86737	1	0.00503873	5.75198E-07	1

VOL4	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL4	0	0	85018	1	0.013354736	1.52451E-06	1
VOL4	0	0	129000	1	0.004001562	4.56799E-07	1
VOL4	0	0	9901	1	0.016601018	1.89509E-06	1
VOL5	0	0	106990	1	0.103518465	1.18172E-05	1
VOL5	0	0	71432	1	1.66502592	0.000190071	1
VOL5	0	0	50000	1	0.916699664	0.000104646	1
VOL5	0	0	107028	1	0.002076605	2.37055E-07	1
VOL5	0	0	91203	1	0.157781023	1.80115E-05	1
VOL5	0	0	75070	1	0.61238032	6.99064E-05	1
VOL5	0	0	100414	1	0.478305199	5.46011E-05	1
VOL5	0	0	83329	1	0.002488185	2.84039E-07	1
VOL5	0	0	208968	1	0.011289892	1.2888E-06	1
VOL5	0	0	120127	1	0.002091814	2.38792E-07	1
VOL5	0	0	56553	1	0.000361886	4.13111E-08	1
VOL5	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL5	0	0	205992	1	0.000280777	3.20522E-08	1
VOL5	0	0	191242	1	0.000170894	1.95084E-08	1
VOL5	0	0	207089	1	0.000280777	3.20522E-08	1
VOL5	0	0	218019	1	0.000398581	4.55001E-08	1
VOL5	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL5	0	0	206440	1	0.003501848	3.99754E-07	1
VOL5	0	0	86737	1	0.00503873	5.75198E-07	1
VOL5	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL5	0	0	85018	1	0.013354736	1.52451E-06	1
VOL5	0	0	129000	1	0.004001562	4.56799E-07	1
VOL5	0	0	9901	1	0.016601018	1.89509E-06	1
VOL6	0	0	106990	1	0.103518465	1.18172E-05	1
VOL6	0	0	71432	1	1.66502592	0.000190071	1
VOL6	0	0	50000	1	0.916699664	0.000104646	1
VOL6	0	0	107028	1	0.002076605	2.37055E-07	1
VOL6	0	0	91203	1	0.157781023	1.80115E-05	1
VOL6	0	0	75070	1	0.61238032	6.99064E-05	1
VOL6	0	0	100414	1	0.478305199	5.46011E-05	1
VOL6	0	0	83329	1	0.002488185	2.84039E-07	1
VOL6	0	0	208968	1	0.011289892	1.2888E-06	1
VOL6	0	0	120127	1	0.002091814	2.38792E-07	1
VOL6	0	0	56553	1	0.000361886	4.13111E-08	1
VOL6	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL6	0	0	205992	1	0.000280777	3.20522E-08	1
VOL6	0	0	191242	1	0.000170894	1.95084E-08	1
VOL6	0	0	207089	1	0.000280777	3.20522E-08	1
VOL6	0	0	218019	1	0.000398581	4.55001E-08	1
VOL6	0	0	53703	1	1.47365E-06	1.68225E-10	1

VOL6	0	0	206440	1	0.003501848	3.99754E-07	1
VOL6	0	0	86737	1	0.00503873	5.75198E-07	1
VOL6	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL6	0	0	85018	1	0.013354736	1.52451E-06	1
VOL6	0	0	129000	1	0.004001562	4.56799E-07	1
VOL6	0	0	9901	1	0.016601018	1.89509E-06	1
VOL7	0	0	106990	1	0.103518465	1.18172E-05	1
VOL7	0	0	71432	1	1.66502592	0.000190071	1
VOL7	0	0	50000	1	0.916699664	0.000104646	1
VOL7	0	0	107028	1	0.002076605	2.37055E-07	1
VOL7	0	0	91203	1	0.157781023	1.80115E-05	1
VOL7	0	0	75070	1	0.61238032	6.99064E-05	1
VOL7	0	0	100414	1	0.478305199	5.46011E-05	1
VOL7	0	0	83329	1	0.002488185	2.84039E-07	1
VOL7	0	0	208968	1	0.011289892	1.2888E-06	1
VOL7	0	0	120127	1	0.002091814	2.38792E-07	1
VOL7	0	0	56553	1	0.000361886	4.13111E-08	1
VOL7	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL7	0	0	205992	1	0.000280777	3.20522E-08	1
VOL7	0	0	191242	1	0.000170894	1.95084E-08	1
VOL7	0	0	207089	1	0.000280777	3.20522E-08	1
VOL7	0	0	218019	1	0.000398581	4.55001E-08	1
VOL7	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL7	0	0	206440	1	0.003501848	3.99754E-07	1
VOL7	0	0	86737	1	0.00503873	5.75198E-07	1
VOL7	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL7	0	0	85018	1	0.013354736	1.52451E-06	1
VOL7	0	0	129000	1	0.004001562	4.56799E-07	1
VOL7	0	0	9901	1	0.016601018	1.89509E-06	1
VOL8	0	0	106990	1	0.103518465	1.18172E-05	1
VOL8	0	0	71432	1	1.66502592	0.000190071	1
VOL8	0	0	50000	1	0.916699664	0.000104646	1
VOL8	0	0	107028	1	0.002076605	2.37055E-07	1
VOL8	0	0	91203	1	0.157781023	1.80115E-05	1
VOL8	0	0	75070	1	0.61238032	6.99064E-05	1
VOL8	0	0	100414	1	0.478305199	5.46011E-05	1
VOL8	0	0	83329	1	0.002488185	2.84039E-07	1
VOL8	0	0	208968	1	0.011289892	1.2888E-06	1
VOL8	0	0	120127	1	0.002091814	2.38792E-07	1
VOL8	0	0	56553	1	0.000361886	4.13111E-08	1
VOL8	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL8	0	0	205992	1	0.000280777	3.20522E-08	1
VOL8	0	0	191242	1	0.000170894	1.95084E-08	1
VOL8	0	0	207089	1	0.000280777	3.20522E-08	1

VOL8	0	0	218019	1	0.000398581	4.55001E-08	1
VOL8	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL8	0	0	206440	1	0.003501848	3.99754E-07	1
VOL8	0	0	86737	1	0.00503873	5.75198E-07	1
VOL8	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL8	0	0	85018	1	0.013354736	1.52451E-06	1
VOL8	0	0	129000	1	0.004001562	4.56799E-07	1
VOL8	0	0	9901	1	0.016601018	1.89509E-06	1
VOL9	0	0	106990	1	0.103518465	1.18172E-05	1
VOL9	0	0	71432	1	1.66502592	0.000190071	1
VOL9	0	0	50000	1	0.916699664	0.000104646	1
VOL9	0	0	107028	1	0.002076605	2.37055E-07	1
VOL9	0	0	91203	1	0.157781023	1.80115E-05	1
VOL9	0	0	75070	1	0.61238032	6.99064E-05	1
VOL9	0	0	100414	1	0.478305199	5.46011E-05	1
VOL9	0	0	83329	1	0.002488185	2.84039E-07	1
VOL9	0	0	208968	1	0.011289892	1.2888E-06	1
VOL9	0	0	120127	1	0.002091814	2.38792E-07	1
VOL9	0	0	56553	1	0.000361886	4.13111E-08	1
VOL9	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL9	0	0	205992	1	0.000280777	3.20522E-08	1
VOL9	0	0	191242	1	0.000170894	1.95084E-08	1
VOL9	0	0	207089	1	0.000280777	3.20522E-08	1
VOL9	0	0	218019	1	0.000398581	4.55001E-08	1
VOL9	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL9	0	0	206440	1	0.003501848	3.99754E-07	1
VOL9	0	0	86737	1	0.00503873	5.75198E-07	1
VOL9	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL9	0	0	85018	1	0.013354736	1.52451E-06	1
VOL9	0	0	129000	1	0.004001562	4.56799E-07	1
VOL9	0	0	9901	1	0.016601018	1.89509E-06	1
VOL10	0	0	106990	1	0.103518465	1.18172E-05	1
VOL10	0	0	71432	1	1.66502592	0.000190071	1
VOL10	0	0	50000	1	0.916699664	0.000104646	1
VOL10	0	0	107028	1	0.002076605	2.37055E-07	1
VOL10	0	0	91203	1	0.157781023	1.80115E-05	1
VOL10	0	0	75070	1	0.61238032	6.99064E-05	1
VOL10	0	0	100414	1	0.478305199	5.46011E-05	1
VOL10	0	0	83329	1	0.002488185	2.84039E-07	1
VOL10	0	0	208968	1	0.011289892	1.2888E-06	1
VOL10	0	0	120127	1	0.002091814	2.38792E-07	1
VOL10	0	0	56553	1	0.000361886	4.13111E-08	1
VOL10	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL10	0	0	205992	1	0.000280777	3.20522E-08	1

VOL10	0	0	191242	1	0.000170894	1.95084E-08	1
VOL10	0	0	207089	1	0.000280777	3.20522E-08	1
VOL10	0	0	218019	1	0.000398581	4.55001E-08	1
VOL10	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL10	0	0	206440	1	0.003501848	3.99754E-07	1
VOL10	0	0	86737	1	0.00503873	5.75198E-07	1
VOL10	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL10	0	0	85018	1	0.013354736	1.52451E-06	1
VOL10	0	0	129000	1	0.004001562	4.56799E-07	1
VOL10	0	0	9901	1	0.016601018	1.89509E-06	1
VOL11	0	0	106990	1	0.103518465	1.18172E-05	1
VOL11	0	0	71432	1	1.66502592	0.000190071	1
VOL11	0	0	50000	1	0.916699664	0.000104646	1
VOL11	0	0	107028	1	0.002076605	2.37055E-07	1
VOL11	0	0	91203	1	0.157781023	1.80115E-05	1
VOL11	0	0	75070	1	0.61238032	6.99064E-05	1
VOL11	0	0	100414	1	0.478305199	5.46011E-05	1
VOL11	0	0	83329	1	0.002488185	2.84039E-07	1
VOL11	0	0	208968	1	0.011289892	1.2888E-06	1
VOL11	0	0	120127	1	0.002091814	2.38792E-07	1
VOL11	0	0	56553	1	0.000361886	4.13111E-08	1
VOL11	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL11	0	0	205992	1	0.000280777	3.20522E-08	1
VOL11	0	0	191242	1	0.000170894	1.95084E-08	1
VOL11	0	0	207089	1	0.000280777	3.20522E-08	1
VOL11	0	0	218019	1	0.000398581	4.55001E-08	1
VOL11	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL11	0	0	206440	1	0.003501848	3.99754E-07	1
VOL11	0	0	86737	1	0.00503873	5.75198E-07	1
VOL11	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL11	0	0	85018	1	0.013354736	1.52451E-06	1
VOL11	0	0	129000	1	0.004001562	4.56799E-07	1
VOL11	0	0	9901	1	0.016601018	1.89509E-06	1
VOL12	0	0	106990	1	0.103518465	1.18172E-05	1
VOL12	0	0	71432	1	1.66502592	0.000190071	1
VOL12	0	0	50000	1	0.916699664	0.000104646	1
VOL12	0	0	107028	1	0.002076605	2.37055E-07	1
VOL12	0	0	91203	1	0.157781023	1.80115E-05	1
VOL12	0	0	75070	1	0.61238032	6.99064E-05	1
VOL12	0	0	100414	1	0.478305199	5.46011E-05	1
VOL12	0	0	83329	1	0.002488185	2.84039E-07	1
VOL12	0	0	208968	1	0.011289892	1.2888E-06	1
VOL12	0	0	120127	1	0.002091814	2.38792E-07	1
VOL12	0	0	56553	1	0.000361886	4.13111E-08	1

VOL12	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL12	0	0	205992	1	0.000280777	3.20522E-08	1
VOL12	0	0	191242	1	0.000170894	1.95084E-08	1
VOL12	0	0	207089	1	0.000280777	3.20522E-08	1
VOL12	0	0	218019	1	0.000398581	4.55001E-08	1
VOL12	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL12	0	0	206440	1	0.003501848	3.99754E-07	1
VOL12	0	0	86737	1	0.00503873	5.75198E-07	1
VOL12	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL12	0	0	85018	1	0.013354736	1.52451E-06	1
VOL12	0	0	129000	1	0.004001562	4.56799E-07	1
VOL12	0	0	9901	1	0.016601018	1.89509E-06	1
VOL13	0	0	106990	1	0.103518465	1.18172E-05	1
VOL13	0	0	71432	1	1.66502592	0.000190071	1
VOL13	0	0	50000	1	0.916699664	0.000104646	1
VOL13	0	0	107028	1	0.002076605	2.37055E-07	1
VOL13	0	0	91203	1	0.157781023	1.80115E-05	1
VOL13	0	0	75070	1	0.61238032	6.99064E-05	1
VOL13	0	0	100414	1	0.478305199	5.46011E-05	1
VOL13	0	0	83329	1	0.002488185	2.84039E-07	1
VOL13	0	0	208968	1	0.011289892	1.2888E-06	1
VOL13	0	0	120127	1	0.002091814	2.38792E-07	1
VOL13	0	0	56553	1	0.000361886	4.13111E-08	1
VOL13	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL13	0	0	205992	1	0.000280777	3.20522E-08	1
VOL13	0	0	191242	1	0.000170894	1.95084E-08	1
VOL13	0	0	207089	1	0.000280777	3.20522E-08	1
VOL13	0	0	218019	1	0.000398581	4.55001E-08	1
VOL13	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL13	0	0	206440	1	0.003501848	3.99754E-07	1
VOL13	0	0	86737	1	0.00503873	5.75198E-07	1
VOL13	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL13	0	0	85018	1	0.013354736	1.52451E-06	1
VOL13	0	0	129000	1	0.004001562	4.56799E-07	1
VOL13	0	0	9901	1	0.016601018	1.89509E-06	1
VOL14	0	0	106990	1	0.103518465	1.18172E-05	1
VOL14	0	0	71432	1	1.66502592	0.000190071	1
VOL14	0	0	50000	1	0.916699664	0.000104646	1
VOL14	0	0	107028	1	0.002076605	2.37055E-07	1
VOL14	0	0	91203	1	0.157781023	1.80115E-05	1
VOL14	0	0	75070	1	0.61238032	6.99064E-05	1
VOL14	0	0	100414	1	0.478305199	5.46011E-05	1
VOL14	0	0	83329	1	0.002488185	2.84039E-07	1
VOL14	0	0	208968	1	0.011289892	1.2888E-06	1

VOL14	0	0	120127	1	0.002091814	2.38792E-07	1
VOL14	0	0	56553	1	0.000361886	4.13111E-08	1
VOL14	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL14	0	0	205992	1	0.000280777	3.20522E-08	1
VOL14	0	0	191242	1	0.000170894	1.95084E-08	1
VOL14	0	0	207089	1	0.000280777	3.20522E-08	1
VOL14	0	0	218019	1	0.000398581	4.55001E-08	1
VOL14	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL14	0	0	206440	1	0.003501848	3.99754E-07	1
VOL14	0	0	86737	1	0.00503873	5.75198E-07	1
VOL14	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL14	0	0	85018	1	0.013354736	1.52451E-06	1
VOL14	0	0	129000	1	0.004001562	4.56799E-07	1
VOL14	0	0	9901	1	0.016601018	1.89509E-06	1
VOL15	0	0	106990	1	0.103518465	1.18172E-05	1
VOL15	0	0	71432	1	1.66502592	0.000190071	1
VOL15	0	0	50000	1	0.916699664	0.000104646	1
VOL15	0	0	107028	1	0.002076605	2.37055E-07	1
VOL15	0	0	91203	1	0.157781023	1.80115E-05	1
VOL15	0	0	75070	1	0.61238032	6.99064E-05	1
VOL15	0	0	100414	1	0.478305199	5.46011E-05	1
VOL15	0	0	83329	1	0.002488185	2.84039E-07	1
VOL15	0	0	208968	1	0.011289892	1.2888E-06	1
VOL15	0	0	120127	1	0.002091814	2.38792E-07	1
VOL15	0	0	56553	1	0.000361886	4.13111E-08	1
VOL15	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL15	0	0	205992	1	0.000280777	3.20522E-08	1
VOL15	0	0	191242	1	0.000170894	1.95084E-08	1
VOL15	0	0	207089	1	0.000280777	3.20522E-08	1
VOL15	0	0	218019	1	0.000398581	4.55001E-08	1
VOL15	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL15	0	0	206440	1	0.003501848	3.99754E-07	1
VOL15	0	0	86737	1	0.00503873	5.75198E-07	1
VOL15	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL15	0	0	85018	1	0.013354736	1.52451E-06	1
VOL15	0	0	129000	1	0.004001562	4.56799E-07	1
VOL15	0	0	9901	1	0.016601018	1.89509E-06	1
VOL16	0	0	106990	1	0.103518465	1.18172E-05	1
VOL16	0	0	71432	1	1.66502592	0.000190071	1
VOL16	0	0	50000	1	0.916699664	0.000104646	1
VOL16	0	0	107028	1	0.002076605	2.37055E-07	1
VOL16	0	0	91203	1	0.157781023	1.80115E-05	1
VOL16	0	0	75070	1	0.61238032	6.99064E-05	1
VOL16	0	0	100414	1	0.478305199	5.46011E-05	1

VOL16	0	0	83329	1	0.002488185	2.84039E-07	1
VOL16	0	0	208968	1	0.011289892	1.2888E-06	1
VOL16	0	0	120127	1	0.002091814	2.38792E-07	1
VOL16	0	0	56553	1	0.000361886	4.13111E-08	1
VOL16	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL16	0	0	205992	1	0.000280777	3.20522E-08	1
VOL16	0	0	191242	1	0.000170894	1.95084E-08	1
VOL16	0	0	207089	1	0.000280777	3.20522E-08	1
VOL16	0	0	218019	1	0.000398581	4.55001E-08	1
VOL16	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL16	0	0	206440	1	0.003501848	3.99754E-07	1
VOL16	0	0	86737	1	0.00503873	5.75198E-07	1
VOL16	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL16	0	0	85018	1	0.013354736	1.52451E-06	1
VOL16	0	0	129000	1	0.004001562	4.56799E-07	1
VOL16	0	0	9901	1	0.016601018	1.89509E-06	1
VOL17	0	0	106990	1	0.103518465	1.18172E-05	1
VOL17	0	0	71432	1	1.66502592	0.000190071	1
VOL17	0	0	50000	1	0.916699664	0.000104646	1
VOL17	0	0	107028	1	0.002076605	2.37055E-07	1
VOL17	0	0	91203	1	0.157781023	1.80115E-05	1
VOL17	0	0	75070	1	0.61238032	6.99064E-05	1
VOL17	0	0	100414	1	0.478305199	5.46011E-05	1
VOL17	0	0	83329	1	0.002488185	2.84039E-07	1
VOL17	0	0	208968	1	0.011289892	1.2888E-06	1
VOL17	0	0	120127	1	0.002091814	2.38792E-07	1
VOL17	0	0	56553	1	0.000361886	4.13111E-08	1
VOL17	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL17	0	0	205992	1	0.000280777	3.20522E-08	1
VOL17	0	0	191242	1	0.000170894	1.95084E-08	1
VOL17	0	0	207089	1	0.000280777	3.20522E-08	1
VOL17	0	0	218019	1	0.000398581	4.55001E-08	1
VOL17	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL17	0	0	206440	1	0.003501848	3.99754E-07	1
VOL17	0	0	86737	1	0.00503873	5.75198E-07	1
VOL17	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL17	0	0	85018	1	0.013354736	1.52451E-06	1
VOL17	0	0	129000	1	0.004001562	4.56799E-07	1
VOL17	0	0	9901	1	0.016601018	1.89509E-06	1
VOL18	0	0	106990	1	0.103518465	1.18172E-05	1
VOL18	0	0	71432	1	1.66502592	0.000190071	1
VOL18	0	0	50000	1	0.916699664	0.000104646	1
VOL18	0	0	107028	1	0.002076605	2.37055E-07	1
VOL18	0	0	91203	1	0.157781023	1.80115E-05	1

VOL18	0	0	75070	1	0.61238032	6.99064E-05	1
VOL18	0	0	100414	1	0.478305199	5.46011E-05	1
VOL18	0	0	83329	1	0.002488185	2.84039E-07	1
VOL18	0	0	208968	1	0.011289892	1.2888E-06	1
VOL18	0	0	120127	1	0.002091814	2.38792E-07	1
VOL18	0	0	56553	1	0.000361886	4.13111E-08	1
VOL18	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL18	0	0	205992	1	0.000280777	3.20522E-08	1
VOL18	0	0	191242	1	0.000170894	1.95084E-08	1
VOL18	0	0	207089	1	0.000280777	3.20522E-08	1
VOL18	0	0	218019	1	0.000398581	4.55001E-08	1
VOL18	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL18	0	0	206440	1	0.003501848	3.99754E-07	1
VOL18	0	0	86737	1	0.00503873	5.75198E-07	1
VOL18	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL18	0	0	85018	1	0.013354736	1.52451E-06	1
VOL18	0	0	129000	1	0.004001562	4.56799E-07	1
VOL18	0	0	9901	1	0.016601018	1.89509E-06	1
VOL19	0	0	106990	1	0.103518465	1.18172E-05	1
VOL19	0	0	71432	1	1.66502592	0.000190071	1
VOL19	0	0	50000	1	0.916699664	0.000104646	1
VOL19	0	0	107028	1	0.002076605	2.37055E-07	1
VOL19	0	0	91203	1	0.157781023	1.80115E-05	1
VOL19	0	0	75070	1	0.61238032	6.99064E-05	1
VOL19	0	0	100414	1	0.478305199	5.46011E-05	1
VOL19	0	0	83329	1	0.002488185	2.84039E-07	1
VOL19	0	0	208968	1	0.011289892	1.2888E-06	1
VOL19	0	0	120127	1	0.002091814	2.38792E-07	1
VOL19	0	0	56553	1	0.000361886	4.13111E-08	1
VOL19	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL19	0	0	205992	1	0.000280777	3.20522E-08	1
VOL19	0	0	191242	1	0.000170894	1.95084E-08	1
VOL19	0	0	207089	1	0.000280777	3.20522E-08	1
VOL19	0	0	218019	1	0.000398581	4.55001E-08	1
VOL19	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL19	0	0	206440	1	0.003501848	3.99754E-07	1
VOL19	0	0	86737	1	0.00503873	5.75198E-07	1
VOL19	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL19	0	0	85018	1	0.013354736	1.52451E-06	1
VOL19	0	0	129000	1	0.004001562	4.56799E-07	1
VOL19	0	0	9901	1	0.016601018	1.89509E-06	1
VOL20	0	0	106990	1	0.103518465	1.18172E-05	1
VOL20	0	0	71432	1	1.66502592	0.000190071	1
VOL20	0	0	50000	1	0.916699664	0.000104646	1

VOL20	0	0	107028	1	0.002076605	2.37055E-07	1
VOL20	0	0	91203	1	0.157781023	1.80115E-05	1
VOL20	0	0	75070	1	0.61238032	6.99064E-05	1
VOL20	0	0	100414	1	0.478305199	5.46011E-05	1
VOL20	0	0	83329	1	0.002488185	2.84039E-07	1
VOL20	0	0	208968	1	0.011289892	1.2888E-06	1
VOL20	0	0	120127	1	0.002091814	2.38792E-07	1
VOL20	0	0	56553	1	0.000361886	4.13111E-08	1
VOL20	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL20	0	0	205992	1	0.000280777	3.20522E-08	1
VOL20	0	0	191242	1	0.000170894	1.95084E-08	1
VOL20	0	0	207089	1	0.000280777	3.20522E-08	1
VOL20	0	0	218019	1	0.000398581	4.55001E-08	1
VOL20	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL20	0	0	206440	1	0.003501848	3.99754E-07	1
VOL20	0	0	86737	1	0.00503873	5.75198E-07	1
VOL20	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL20	0	0	85018	1	0.013354736	1.52451E-06	1
VOL20	0	0	129000	1	0.004001562	4.56799E-07	1
VOL20	0	0	9901	1	0.016601018	1.89509E-06	1
VOL21	0	0	106990	1	0.103518465	1.18172E-05	1
VOL21	0	0	71432	1	1.66502592	0.000190071	1
VOL21	0	0	50000	1	0.916699664	0.000104646	1
VOL21	0	0	107028	1	0.002076605	2.37055E-07	1
VOL21	0	0	91203	1	0.157781023	1.80115E-05	1
VOL21	0	0	75070	1	0.61238032	6.99064E-05	1
VOL21	0	0	100414	1	0.478305199	5.46011E-05	1
VOL21	0	0	83329	1	0.002488185	2.84039E-07	1
VOL21	0	0	208968	1	0.011289892	1.2888E-06	1
VOL21	0	0	120127	1	0.002091814	2.38792E-07	1
VOL21	0	0	56553	1	0.000361886	4.13111E-08	1
VOL21	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL21	0	0	205992	1	0.000280777	3.20522E-08	1
VOL21	0	0	191242	1	0.000170894	1.95084E-08	1
VOL21	0	0	207089	1	0.000280777	3.20522E-08	1
VOL21	0	0	218019	1	0.000398581	4.55001E-08	1
VOL21	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL21	0	0	206440	1	0.003501848	3.99754E-07	1
VOL21	0	0	86737	1	0.00503873	5.75198E-07	1
VOL21	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL21	0	0	85018	1	0.013354736	1.52451E-06	1
VOL21	0	0	129000	1	0.004001562	4.56799E-07	1
VOL21	0	0	9901	1	0.016601018	1.89509E-06	1
VOL22	0	0	106990	1	0.103518465	1.18172E-05	1

VOL22	0	0	71432	1	1.66502592	0.000190071	1
VOL22	0	0	50000	1	0.916699664	0.000104646	1
VOL22	0	0	107028	1	0.002076605	2.37055E-07	1
VOL22	0	0	91203	1	0.157781023	1.80115E-05	1
VOL22	0	0	75070	1	0.61238032	6.99064E-05	1
VOL22	0	0	100414	1	0.478305199	5.46011E-05	1
VOL22	0	0	83329	1	0.002488185	2.84039E-07	1
VOL22	0	0	208968	1	0.011289892	1.2888E-06	1
VOL22	0	0	120127	1	0.002091814	2.38792E-07	1
VOL22	0	0	56553	1	0.000361886	4.13111E-08	1
VOL22	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL22	0	0	205992	1	0.000280777	3.20522E-08	1
VOL22	0	0	191242	1	0.000170894	1.95084E-08	1
VOL22	0	0	207089	1	0.000280777	3.20522E-08	1
VOL22	0	0	218019	1	0.000398581	4.55001E-08	1
VOL22	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL22	0	0	206440	1	0.003501848	3.99754E-07	1
VOL22	0	0	86737	1	0.00503873	5.75198E-07	1
VOL22	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL22	0	0	85018	1	0.013354736	1.52451E-06	1
VOL22	0	0	129000	1	0.004001562	4.56799E-07	1
VOL22	0	0	9901	1	0.016601018	1.89509E-06	1
VOL23	0	0	106990	1	0.103518465	1.18172E-05	1
VOL23	0	0	71432	1	1.66502592	0.000190071	1
VOL23	0	0	50000	1	0.916699664	0.000104646	1
VOL23	0	0	107028	1	0.002076605	2.37055E-07	1
VOL23	0	0	91203	1	0.157781023	1.80115E-05	1
VOL23	0	0	75070	1	0.61238032	6.99064E-05	1
VOL23	0	0	100414	1	0.478305199	5.46011E-05	1
VOL23	0	0	83329	1	0.002488185	2.84039E-07	1
VOL23	0	0	208968	1	0.011289892	1.2888E-06	1
VOL23	0	0	120127	1	0.002091814	2.38792E-07	1
VOL23	0	0	56553	1	0.000361886	4.13111E-08	1
VOL23	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL23	0	0	205992	1	0.000280777	3.20522E-08	1
VOL23	0	0	191242	1	0.000170894	1.95084E-08	1
VOL23	0	0	207089	1	0.000280777	3.20522E-08	1
VOL23	0	0	218019	1	0.000398581	4.55001E-08	1
VOL23	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL23	0	0	206440	1	0.003501848	3.99754E-07	1
VOL23	0	0	86737	1	0.00503873	5.75198E-07	1
VOL23	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL23	0	0	85018	1	0.013354736	1.52451E-06	1
VOL23	0	0	129000	1	0.004001562	4.56799E-07	1

VOL23	0	0	9901	1	0.016601018	1.89509E-06	1
VOL24	0	0	106990	1	0.103518465	1.18172E-05	1
VOL24	0	0	71432	1	1.66502592	0.000190071	1
VOL24	0	0	50000	1	0.916699664	0.000104646	1
VOL24	0	0	107028	1	0.002076605	2.37055E-07	1
VOL24	0	0	91203	1	0.157781023	1.80115E-05	1
VOL24	0	0	75070	1	0.61238032	6.99064E-05	1
VOL24	0	0	100414	1	0.478305199	5.46011E-05	1
VOL24	0	0	83329	1	0.002488185	2.84039E-07	1
VOL24	0	0	208968	1	0.011289892	1.2888E-06	1
VOL24	0	0	120127	1	0.002091814	2.38792E-07	1
VOL24	0	0	56553	1	0.000361886	4.13111E-08	1
VOL24	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL24	0	0	205992	1	0.000280777	3.20522E-08	1
VOL24	0	0	191242	1	0.000170894	1.95084E-08	1
VOL24	0	0	207089	1	0.000280777	3.20522E-08	1
VOL24	0	0	218019	1	0.000398581	4.55001E-08	1
VOL24	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL24	0	0	206440	1	0.003501848	3.99754E-07	1
VOL24	0	0	86737	1	0.00503873	5.75198E-07	1
VOL24	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL24	0	0	85018	1	0.013354736	1.52451E-06	1
VOL24	0	0	129000	1	0.004001562	4.56799E-07	1
VOL24	0	0	9901	1	0.016601018	1.89509E-06	1
VOL25	0	0	106990	1	0.103518465	1.18172E-05	1
VOL25	0	0	71432	1	1.66502592	0.000190071	1
VOL25	0	0	50000	1	0.916699664	0.000104646	1
VOL25	0	0	107028	1	0.002076605	2.37055E-07	1
VOL25	0	0	91203	1	0.157781023	1.80115E-05	1
VOL25	0	0	75070	1	0.61238032	6.99064E-05	1
VOL25	0	0	100414	1	0.478305199	5.46011E-05	1
VOL25	0	0	83329	1	0.002488185	2.84039E-07	1
VOL25	0	0	208968	1	0.011289892	1.2888E-06	1
VOL25	0	0	120127	1	0.002091814	2.38792E-07	1
VOL25	0	0	56553	1	0.000361886	4.13111E-08	1
VOL25	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL25	0	0	205992	1	0.000280777	3.20522E-08	1
VOL25	0	0	191242	1	0.000170894	1.95084E-08	1
VOL25	0	0	207089	1	0.000280777	3.20522E-08	1
VOL25	0	0	218019	1	0.000398581	4.55001E-08	1
VOL25	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL25	0	0	206440	1	0.003501848	3.99754E-07	1
VOL25	0	0	86737	1	0.00503873	5.75198E-07	1
VOL25	0	0	193395	1	6.40232E-05	7.30858E-09	1

VOL25	0	0	85018	1	0.013354736	1.52451E-06	1
VOL25	0	0	129000	1	0.004001562	4.56799E-07	1
VOL25	0	0	9901	1	0.016601018	1.89509E-06	1
VOL26	0	0	106990	1	0.103518465	1.18172E-05	1
VOL26	0	0	71432	1	1.66502592	0.000190071	1
VOL26	0	0	50000	1	0.916699664	0.000104646	1
VOL26	0	0	107028	1	0.002076605	2.37055E-07	1
VOL26	0	0	91203	1	0.157781023	1.80115E-05	1
VOL26	0	0	75070	1	0.61238032	6.99064E-05	1
VOL26	0	0	100414	1	0.478305199	5.46011E-05	1
VOL26	0	0	83329	1	0.002488185	2.84039E-07	1
VOL26	0	0	208968	1	0.011289892	1.2888E-06	1
VOL26	0	0	120127	1	0.002091814	2.38792E-07	1
VOL26	0	0	56553	1	0.000361886	4.13111E-08	1
VOL26	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL26	0	0	205992	1	0.000280777	3.20522E-08	1
VOL26	0	0	191242	1	0.000170894	1.95084E-08	1
VOL26	0	0	207089	1	0.000280777	3.20522E-08	1
VOL26	0	0	218019	1	0.000398581	4.55001E-08	1
VOL26	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL26	0	0	206440	1	0.003501848	3.99754E-07	1
VOL26	0	0	86737	1	0.00503873	5.75198E-07	1
VOL26	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL26	0	0	85018	1	0.013354736	1.52451E-06	1
VOL26	0	0	129000	1	0.004001562	4.56799E-07	1
VOL26	0	0	9901	1	0.016601018	1.89509E-06	1
VOL27	0	0	106990	1	0.103518465	1.18172E-05	1
VOL27	0	0	71432	1	1.66502592	0.000190071	1
VOL27	0	0	50000	1	0.916699664	0.000104646	1
VOL27	0	0	107028	1	0.002076605	2.37055E-07	1
VOL27	0	0	91203	1	0.157781023	1.80115E-05	1
VOL27	0	0	75070	1	0.61238032	6.99064E-05	1
VOL27	0	0	100414	1	0.478305199	5.46011E-05	1
VOL27	0	0	83329	1	0.002488185	2.84039E-07	1
VOL27	0	0	208968	1	0.011289892	1.2888E-06	1
VOL27	0	0	120127	1	0.002091814	2.38792E-07	1
VOL27	0	0	56553	1	0.000361886	4.13111E-08	1
VOL27	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL27	0	0	205992	1	0.000280777	3.20522E-08	1
VOL27	0	0	191242	1	0.000170894	1.95084E-08	1
VOL27	0	0	207089	1	0.000280777	3.20522E-08	1
VOL27	0	0	218019	1	0.000398581	4.55001E-08	1
VOL27	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL27	0	0	206440	1	0.003501848	3.99754E-07	1

VOL27	0	0	86737	1	0.00503873	5.75198E-07	1
VOL27	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL27	0	0	85018	1	0.013354736	1.52451E-06	1
VOL27	0	0	129000	1	0.004001562	4.56799E-07	1
VOL27	0	0	9901	1	0.016601018	1.89509E-06	1
VOL28	0	0	106990	1	0.103518465	1.18172E-05	1
VOL28	0	0	71432	1	1.66502592	0.000190071	1
VOL28	0	0	50000	1	0.916699664	0.000104646	1
VOL28	0	0	107028	1	0.002076605	2.37055E-07	1
VOL28	0	0	91203	1	0.157781023	1.80115E-05	1
VOL28	0	0	75070	1	0.61238032	6.99064E-05	1
VOL28	0	0	100414	1	0.478305199	5.46011E-05	1
VOL28	0	0	83329	1	0.002488185	2.84039E-07	1
VOL28	0	0	208968	1	0.011289892	1.2888E-06	1
VOL28	0	0	120127	1	0.002091814	2.38792E-07	1
VOL28	0	0	56553	1	0.000361886	4.13111E-08	1
VOL28	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL28	0	0	205992	1	0.000280777	3.20522E-08	1
VOL28	0	0	191242	1	0.000170894	1.95084E-08	1
VOL28	0	0	207089	1	0.000280777	3.20522E-08	1
VOL28	0	0	218019	1	0.000398581	4.55001E-08	1
VOL28	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL28	0	0	206440	1	0.003501848	3.99754E-07	1
VOL28	0	0	86737	1	0.00503873	5.75198E-07	1
VOL28	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL28	0	0	85018	1	0.013354736	1.52451E-06	1
VOL28	0	0	129000	1	0.004001562	4.56799E-07	1
VOL28	0	0	9901	1	0.016601018	1.89509E-06	1
VOL29	0	0	106990	1	0.103518465	1.18172E-05	1
VOL29	0	0	71432	1	1.66502592	0.000190071	1
VOL29	0	0	50000	1	0.916699664	0.000104646	1
VOL29	0	0	107028	1	0.002076605	2.37055E-07	1
VOL29	0	0	91203	1	0.157781023	1.80115E-05	1
VOL29	0	0	75070	1	0.61238032	6.99064E-05	1
VOL29	0	0	100414	1	0.478305199	5.46011E-05	1
VOL29	0	0	83329	1	0.002488185	2.84039E-07	1
VOL29	0	0	208968	1	0.011289892	1.2888E-06	1
VOL29	0	0	120127	1	0.002091814	2.38792E-07	1
VOL29	0	0	56553	1	0.000361886	4.13111E-08	1
VOL29	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL29	0	0	205992	1	0.000280777	3.20522E-08	1
VOL29	0	0	191242	1	0.000170894	1.95084E-08	1
VOL29	0	0	207089	1	0.000280777	3.20522E-08	1
VOL29	0	0	218019	1	0.000398581	4.55001E-08	1

VOL29	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL29	0	0	206440	1	0.003501848	3.99754E-07	1
VOL29	0	0	86737	1	0.00503873	5.75198E-07	1
VOL29	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL29	0	0	85018	1	0.013354736	1.52451E-06	1
VOL29	0	0	129000	1	0.004001562	4.56799E-07	1
VOL29	0	0	9901	1	0.016601018	1.89509E-06	1
VOL30	0	0	106990	1	0.103518465	1.18172E-05	1
VOL30	0	0	71432	1	1.66502592	0.000190071	1
VOL30	0	0	50000	1	0.916699664	0.000104646	1
VOL30	0	0	107028	1	0.002076605	2.37055E-07	1
VOL30	0	0	91203	1	0.157781023	1.80115E-05	1
VOL30	0	0	75070	1	0.61238032	6.99064E-05	1
VOL30	0	0	100414	1	0.478305199	5.46011E-05	1
VOL30	0	0	83329	1	0.002488185	2.84039E-07	1
VOL30	0	0	208968	1	0.011289892	1.2888E-06	1
VOL30	0	0	120127	1	0.002091814	2.38792E-07	1
VOL30	0	0	56553	1	0.000361886	4.13111E-08	1
VOL30	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL30	0	0	205992	1	0.000280777	3.20522E-08	1
VOL30	0	0	191242	1	0.000170894	1.95084E-08	1
VOL30	0	0	207089	1	0.000280777	3.20522E-08	1
VOL30	0	0	218019	1	0.000398581	4.55001E-08	1
VOL30	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL30	0	0	206440	1	0.003501848	3.99754E-07	1
VOL30	0	0	86737	1	0.00503873	5.75198E-07	1
VOL30	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL30	0	0	85018	1	0.013354736	1.52451E-06	1
VOL30	0	0	129000	1	0.004001562	4.56799E-07	1
VOL30	0	0	9901	1	0.016601018	1.89509E-06	1
VOL31	0	0	106990	1	0.103518465	1.18172E-05	1
VOL31	0	0	71432	1	1.66502592	0.000190071	1
VOL31	0	0	50000	1	0.916699664	0.000104646	1
VOL31	0	0	107028	1	0.002076605	2.37055E-07	1
VOL31	0	0	91203	1	0.157781023	1.80115E-05	1
VOL31	0	0	75070	1	0.61238032	6.99064E-05	1
VOL31	0	0	100414	1	0.478305199	5.46011E-05	1
VOL31	0	0	83329	1	0.002488185	2.84039E-07	1
VOL31	0	0	208968	1	0.011289892	1.2888E-06	1
VOL31	0	0	120127	1	0.002091814	2.38792E-07	1
VOL31	0	0	56553	1	0.000361886	4.13111E-08	1
VOL31	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL31	0	0	205992	1	0.000280777	3.20522E-08	1
VOL31	0	0	191242	1	0.000170894	1.95084E-08	1

VOL31	0	0	207089	1	0.000280777	3.20522E-08	1
VOL31	0	0	218019	1	0.000398581	4.55001E-08	1
VOL31	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL31	0	0	206440	1	0.003501848	3.99754E-07	1
VOL31	0	0	86737	1	0.00503873	5.75198E-07	1
VOL31	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL31	0	0	85018	1	0.013354736	1.52451E-06	1
VOL31	0	0	129000	1	0.004001562	4.56799E-07	1
VOL31	0	0	9901	1	0.016601018	1.89509E-06	1
VOL32	0	0	106990	1	0.103518465	1.18172E-05	1
VOL32	0	0	71432	1	1.66502592	0.000190071	1
VOL32	0	0	50000	1	0.916699664	0.000104646	1
VOL32	0	0	107028	1	0.002076605	2.37055E-07	1
VOL32	0	0	91203	1	0.157781023	1.80115E-05	1
VOL32	0	0	75070	1	0.61238032	6.99064E-05	1
VOL32	0	0	100414	1	0.478305199	5.46011E-05	1
VOL32	0	0	83329	1	0.002488185	2.84039E-07	1
VOL32	0	0	208968	1	0.011289892	1.2888E-06	1
VOL32	0	0	120127	1	0.002091814	2.38792E-07	1
VOL32	0	0	56553	1	0.000361886	4.13111E-08	1
VOL32	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL32	0	0	205992	1	0.000280777	3.20522E-08	1
VOL32	0	0	191242	1	0.000170894	1.95084E-08	1
VOL32	0	0	207089	1	0.000280777	3.20522E-08	1
VOL32	0	0	218019	1	0.000398581	4.55001E-08	1
VOL32	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL32	0	0	206440	1	0.003501848	3.99754E-07	1
VOL32	0	0	86737	1	0.00503873	5.75198E-07	1
VOL32	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL32	0	0	85018	1	0.013354736	1.52451E-06	1
VOL32	0	0	129000	1	0.004001562	4.56799E-07	1
VOL32	0	0	9901	1	0.016601018	1.89509E-06	1
VOL33	0	0	106990	1	0.103518465	1.18172E-05	1
VOL33	0	0	71432	1	1.66502592	0.000190071	1
VOL33	0	0	50000	1	0.916699664	0.000104646	1
VOL33	0	0	107028	1	0.002076605	2.37055E-07	1
VOL33	0	0	91203	1	0.157781023	1.80115E-05	1
VOL33	0	0	75070	1	0.61238032	6.99064E-05	1
VOL33	0	0	100414	1	0.478305199	5.46011E-05	1
VOL33	0	0	83329	1	0.002488185	2.84039E-07	1
VOL33	0	0	208968	1	0.011289892	1.2888E-06	1
VOL33	0	0	120127	1	0.002091814	2.38792E-07	1
VOL33	0	0	56553	1	0.000361886	4.13111E-08	1
VOL33	0	0	50328	1	8.13665E-05	9.28841E-09	1

VOL33	0	0	205992	1	0.000280777	3.20522E-08	1
VOL33	0	0	191242	1	0.000170894	1.95084E-08	1
VOL33	0	0	207089	1	0.000280777	3.20522E-08	1
VOL33	0	0	218019	1	0.000398581	4.55001E-08	1
VOL33	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL33	0	0	206440	1	0.003501848	3.99754E-07	1
VOL33	0	0	86737	1	0.00503873	5.75198E-07	1
VOL33	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL33	0	0	85018	1	0.013354736	1.52451E-06	1
VOL33	0	0	129000	1	0.004001562	4.56799E-07	1
VOL33	0	0	9901	1	0.016601018	1.89509E-06	1
VOL34	0	0	106990	1	0.103518465	1.18172E-05	1
VOL34	0	0	71432	1	1.66502592	0.000190071	1
VOL34	0	0	50000	1	0.916699664	0.000104646	1
VOL34	0	0	107028	1	0.002076605	2.37055E-07	1
VOL34	0	0	91203	1	0.157781023	1.80115E-05	1
VOL34	0	0	75070	1	0.61238032	6.99064E-05	1
VOL34	0	0	100414	1	0.478305199	5.46011E-05	1
VOL34	0	0	83329	1	0.002488185	2.84039E-07	1
VOL34	0	0	208968	1	0.011289892	1.2888E-06	1
VOL34	0	0	120127	1	0.002091814	2.38792E-07	1
VOL34	0	0	56553	1	0.000361886	4.13111E-08	1
VOL34	0	0	50328	1	8.13665E-05	9.28841E-09	1
VOL34	0	0	205992	1	0.000280777	3.20522E-08	1
VOL34	0	0	191242	1	0.000170894	1.95084E-08	1
VOL34	0	0	207089	1	0.000280777	3.20522E-08	1
VOL34	0	0	218019	1	0.000398581	4.55001E-08	1
VOL34	0	0	53703	1	1.47365E-06	1.68225E-10	1
VOL34	0	0	206440	1	0.003501848	3.99754E-07	1
VOL34	0	0	86737	1	0.00503873	5.75198E-07	1
VOL34	0	0	193395	1	6.40232E-05	7.30858E-09	1
VOL34	0	0	85018	1	0.013354736	1.52451E-06	1
VOL34	0	0	129000	1	0.004001562	4.56799E-07	1
VOL34	0	0	9901	1	0.016601018	1.89509E-06	1

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APPENDIX 2.3:

AERMOD MODEL OUTPUT – CONSTRUCTION

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 3/3/2025
** File: C:\Users\Michael Tirohn\Desktop\HRAs\16380 Terravita\16380 Cons HRA Mit\16380 Cons HRA
Mit.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 3135755 County_of_Orange
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "16380 Cons HRA Mit.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1      VOLUME      431744.348    3720778.946      108.580
LOCATION VOL2      VOLUME      431744.151    3720719.793      110.190
LOCATION VOL3      VOLUME      431804.263    3720766.504      107.220
LOCATION VOL4      VOLUME      431777.461    3720706.392      110.210
LOCATION VOL5      VOLUME      431838.722    3720705.627      105.240
LOCATION VOL6      VOLUME      431871.266    3720796.369       98.590
LOCATION VOL7      VOLUME      431859.014    3720765.355      106.310
LOCATION VOL8      VOLUME      431919.509    3720735.491       97.360
LOCATION VOL9      VOLUME      431859.397    3720645.515      105.340
LOCATION VOL10     VOLUME      431899.599    3720704.861      103.630
LOCATION VOL11     VOLUME      431793.159    3720683.037      110.180
LOCATION VOL12     VOLUME      431854.803    3720601.867      105.740
LOCATION VOL13     VOLUME      431870.501    3720581.957      104.710
LOCATION VOL14     VOLUME      431888.879    3720564.728      103.860
LOCATION VOL15     VOLUME      431907.640    3720544.818      102.020
LOCATION VOL16     VOLUME      431922.189    3720525.291      101.430
LOCATION VOL17     VOLUME      431942.864    3720464.414       99.890
LOCATION VOL18     VOLUME      431957.797    3720425.360      100.120
LOCATION VOL19     VOLUME      431990.724    3720422.680       98.630
LOCATION VOL20     VOLUME      432002.593    3720463.265       99.380
LOCATION VOL21     VOLUME      432015.994    3720477.431       99.640
LOCATION VOL22     VOLUME      431919.892    3720645.898      104.670
LOCATION VOL23     VOLUME      431921.040    3720591.912      103.940
LOCATION VOL24     VOLUME      431983.832    3720524.908      100.820
LOCATION VOL25     VOLUME      432044.710    3720537.543      100.960
LOCATION VOL26     VOLUME      432027.863    3720489.301       99.940
LOCATION VOL27     VOLUME      432045.476    3720508.062      100.610
LOCATION VOL28     VOLUME      431968.517    3720585.020      102.900
LOCATION VOL29     VOLUME      432027.480    3720584.254      101.960

```

LOCATION VOL30	VOLUME	432076.106	3720526.440	99.380
LOCATION VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION VOL34	VOLUME	431980.904	3720645.898	102.310

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE1

** DESCRSRC

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0004845315

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 14

** 431922.433, 3720383.185, 103.86, 3.49, 6.51

** 432153.776, 3720380.480, 90.42, 3.49, 6.51

** 432186.245, 3720596.039, 87.67, 3.49, 6.51

** 432222.773, 3720831.891, 82.49, 3.49, 6.51

** 432257.046, 3721069.547, 78.11, 3.49, 6.51

** 432290.868, 3721313.066, 81.74, 3.49, 6.51

** 432460.429, 3721286.459, 80.08, 3.49, 6.51

** 432583.541, 3721266.166, 81.18, 3.49, 6.51

** 432836.530, 3721230.089, 85.41, 3.49, 6.51

** 433076.441, 3721191.306, 96.25, 3.49, 6.51

** 433155.359, 3721180.483, 88.72, 3.49, 6.51

** 433217.591, 3721175.072, 90.56, 3.49, 6.51

** 433234.728, 3721175.523, 93.13, 3.49, 6.51

** 433358.291, 3721196.267, 92.69, 3.49, 6.51

**

LOCATION L0000001	VOLUME	431929.433	3720383.104	102.13
LOCATION L0000002	VOLUME	431943.432	3720382.940	101.01
LOCATION L0000003	VOLUME	431957.431	3720382.776	99.96
LOCATION L0000004	VOLUME	431971.430	3720382.612	98.86
LOCATION L0000005	VOLUME	431985.429	3720382.449	97.68
LOCATION L0000006	VOLUME	431999.428	3720382.285	96.70
LOCATION L0000007	VOLUME	432013.427	3720382.121	95.86
LOCATION L0000008	VOLUME	432027.426	3720381.957	94.88
LOCATION L0000009	VOLUME	432041.425	3720381.794	93.86
LOCATION L0000010	VOLUME	432055.424	3720381.630	93.24
LOCATION L0000011	VOLUME	432069.423	3720381.466	92.69
LOCATION L0000012	VOLUME	432083.422	3720381.303	92.36
LOCATION L0000013	VOLUME	432097.421	3720381.139	92.02
LOCATION L0000014	VOLUME	432111.420	3720380.975	91.67
LOCATION L0000015	VOLUME	432125.419	3720380.811	91.27
LOCATION L0000016	VOLUME	432139.418	3720380.648	90.77
LOCATION L0000017	VOLUME	432153.417	3720380.484	90.51
LOCATION L0000018	VOLUME	432155.808	3720393.969	90.36
LOCATION L0000019	VOLUME	432157.893	3720407.813	90.18
LOCATION L0000020	VOLUME	432159.978	3720421.657	89.95
LOCATION L0000021	VOLUME	432162.064	3720435.500	89.80
LOCATION L0000022	VOLUME	432164.149	3720449.344	89.84
LOCATION L0000023	VOLUME	432166.234	3720463.188	89.84
LOCATION L0000024	VOLUME	432168.319	3720477.032	89.31
LOCATION L0000025	VOLUME	432170.405	3720490.876	89.06
LOCATION L0000026	VOLUME	432172.490	3720504.720	89.04
LOCATION L0000027	VOLUME	432174.575	3720518.563	88.73
LOCATION L0000028	VOLUME	432176.660	3720532.407	88.49
LOCATION L0000029	VOLUME	432178.746	3720546.251	88.25
LOCATION L0000030	VOLUME	432180.831	3720560.095	88.01
LOCATION L0000031	VOLUME	432182.916	3720573.939	87.79
LOCATION L0000032	VOLUME	432185.001	3720587.783	87.58
LOCATION L0000033	VOLUME	432187.110	3720601.623	87.41
LOCATION L0000034	VOLUME	432189.253	3720615.458	87.22
LOCATION L0000035	VOLUME	432191.395	3720629.293	87.17

LOCATION	L0000036	VOLUME	432193.538	3720643.128	87.06
LOCATION	L0000037	VOLUME	432195.681	3720656.963	86.86
LOCATION	L0000038	VOLUME	432197.823	3720670.798	86.61
LOCATION	L0000039	VOLUME	432199.966	3720684.633	86.32
LOCATION	L0000040	VOLUME	432202.109	3720698.468	86.09
LOCATION	L0000041	VOLUME	432204.252	3720712.303	85.78
LOCATION	L0000042	VOLUME	432206.394	3720726.138	85.43
LOCATION	L0000043	VOLUME	432208.537	3720739.973	85.03
LOCATION	L0000044	VOLUME	432210.680	3720753.809	84.68
LOCATION	L0000045	VOLUME	432212.822	3720767.644	84.35
LOCATION	L0000046	VOLUME	432214.965	3720781.479	84.04
LOCATION	L0000047	VOLUME	432217.108	3720795.314	83.74
LOCATION	L0000048	VOLUME	432219.251	3720809.149	83.35
LOCATION	L0000049	VOLUME	432221.393	3720822.984	82.89
LOCATION	L0000050	VOLUME	432223.485	3720836.827	82.39
LOCATION	L0000051	VOLUME	432225.483	3720850.683	81.80
LOCATION	L0000052	VOLUME	432227.481	3720864.540	81.26
LOCATION	L0000053	VOLUME	432229.479	3720878.397	80.73
LOCATION	L0000054	VOLUME	432231.478	3720892.253	80.11
LOCATION	L0000055	VOLUME	432233.476	3720906.110	79.62
LOCATION	L0000056	VOLUME	432235.474	3720919.966	79.13
LOCATION	L0000057	VOLUME	432237.473	3720933.823	78.77
LOCATION	L0000058	VOLUME	432239.471	3720947.680	78.51
LOCATION	L0000059	VOLUME	432241.469	3720961.536	78.38
LOCATION	L0000060	VOLUME	432243.468	3720975.393	78.40
LOCATION	L0000061	VOLUME	432245.466	3720989.250	78.40
LOCATION	L0000062	VOLUME	432247.464	3721003.106	78.36
LOCATION	L0000063	VOLUME	432249.462	3721016.963	78.34
LOCATION	L0000064	VOLUME	432251.461	3721030.820	78.28
LOCATION	L0000065	VOLUME	432253.459	3721044.676	78.23
LOCATION	L0000066	VOLUME	432255.457	3721058.533	78.28
LOCATION	L0000067	VOLUME	432257.441	3721072.392	78.23
LOCATION	L0000068	VOLUME	432259.367	3721086.259	78.11
LOCATION	L0000069	VOLUME	432261.293	3721100.126	77.99
LOCATION	L0000070	VOLUME	432263.219	3721113.992	77.89
LOCATION	L0000071	VOLUME	432265.145	3721127.859	77.90
LOCATION	L0000072	VOLUME	432267.071	3721141.726	77.96
LOCATION	L0000073	VOLUME	432268.997	3721155.593	78.19
LOCATION	L0000074	VOLUME	432270.923	3721169.460	78.38
LOCATION	L0000075	VOLUME	432272.849	3721183.327	78.65
LOCATION	L0000076	VOLUME	432274.774	3721197.194	78.92
LOCATION	L0000077	VOLUME	432276.700	3721211.061	79.15
LOCATION	L0000078	VOLUME	432278.626	3721224.928	79.41
LOCATION	L0000079	VOLUME	432280.552	3721238.794	79.73
LOCATION	L0000080	VOLUME	432282.478	3721252.661	80.03
LOCATION	L0000081	VOLUME	432284.404	3721266.528	80.35
LOCATION	L0000082	VOLUME	432286.330	3721280.395	80.79
LOCATION	L0000083	VOLUME	432288.256	3721294.262	81.25
LOCATION	L0000084	VOLUME	432290.182	3721308.129	81.68
LOCATION	L0000085	VOLUME	432299.775	3721311.668	81.88
LOCATION	L0000086	VOLUME	432313.605	3721309.498	81.93
LOCATION	L0000087	VOLUME	432327.436	3721307.328	81.94
LOCATION	L0000088	VOLUME	432341.267	3721305.157	81.76
LOCATION	L0000089	VOLUME	432355.098	3721302.987	81.52
LOCATION	L0000090	VOLUME	432368.928	3721300.817	81.39
LOCATION	L0000091	VOLUME	432382.759	3721298.647	81.28
LOCATION	L0000092	VOLUME	432396.590	3721296.476	81.12
LOCATION	L0000093	VOLUME	432410.421	3721294.306	80.95
LOCATION	L0000094	VOLUME	432424.251	3721292.136	80.66
LOCATION	L0000095	VOLUME	432438.082	3721289.966	80.40
LOCATION	L0000096	VOLUME	432451.913	3721287.795	80.28
LOCATION	L0000097	VOLUME	432465.737	3721285.584	80.19
LOCATION	L0000098	VOLUME	432479.551	3721283.307	80.06
LOCATION	L0000099	VOLUME	432493.364	3721281.030	79.96
LOCATION	L0000100	VOLUME	432507.178	3721278.753	79.88
LOCATION	L0000101	VOLUME	432520.992	3721276.476	79.94

LOCATION	L0000102	VOLUME	432534.805	3721274.199	80.15
LOCATION	L0000103	VOLUME	432548.619	3721271.922	80.41
LOCATION	L0000104	VOLUME	432562.432	3721269.645	80.68
LOCATION	L0000105	VOLUME	432576.246	3721267.368	80.92
LOCATION	L0000106	VOLUME	432590.081	3721265.233	81.17
LOCATION	L0000107	VOLUME	432603.941	3721263.257	81.50
LOCATION	L0000108	VOLUME	432617.801	3721261.280	81.80
LOCATION	L0000109	VOLUME	432631.661	3721259.304	81.95
LOCATION	L0000110	VOLUME	432645.520	3721257.327	82.11
LOCATION	L0000111	VOLUME	432659.380	3721255.351	82.34
LOCATION	L0000112	VOLUME	432673.240	3721253.375	82.56
LOCATION	L0000113	VOLUME	432687.100	3721251.398	82.76
LOCATION	L0000114	VOLUME	432700.960	3721249.422	82.90
LOCATION	L0000115	VOLUME	432714.819	3721247.445	82.96
LOCATION	L0000116	VOLUME	432728.679	3721245.469	83.13
LOCATION	L0000117	VOLUME	432742.539	3721243.492	83.36
LOCATION	L0000118	VOLUME	432756.399	3721241.516	83.58
LOCATION	L0000119	VOLUME	432770.259	3721239.539	83.80
LOCATION	L0000120	VOLUME	432784.118	3721237.563	84.14
LOCATION	L0000121	VOLUME	432797.978	3721235.587	84.45
LOCATION	L0000122	VOLUME	432811.838	3721233.610	84.75
LOCATION	L0000123	VOLUME	432825.698	3721231.634	85.05
LOCATION	L0000124	VOLUME	432839.549	3721229.601	85.40
LOCATION	L0000125	VOLUME	432853.370	3721227.367	85.78
LOCATION	L0000126	VOLUME	432867.190	3721225.133	86.21
LOCATION	L0000127	VOLUME	432881.011	3721222.899	86.71
LOCATION	L0000128	VOLUME	432894.831	3721220.664	87.23
LOCATION	L0000129	VOLUME	432908.652	3721218.430	87.78
LOCATION	L0000130	VOLUME	432922.472	3721216.196	88.33
LOCATION	L0000131	VOLUME	432936.293	3721213.962	88.98
LOCATION	L0000132	VOLUME	432950.114	3721211.728	89.67
LOCATION	L0000133	VOLUME	432963.934	3721209.494	90.48
LOCATION	L0000134	VOLUME	432977.755	3721207.259	91.31
LOCATION	L0000135	VOLUME	432991.575	3721205.025	92.16
LOCATION	L0000136	VOLUME	433005.396	3721202.791	93.01
LOCATION	L0000137	VOLUME	433019.217	3721200.557	93.82
LOCATION	L0000138	VOLUME	433033.037	3721198.323	94.55
LOCATION	L0000139	VOLUME	433046.858	3721196.089	95.25
LOCATION	L0000140	VOLUME	433060.678	3721193.855	95.69
LOCATION	L0000141	VOLUME	433074.499	3721191.620	96.06
LOCATION	L0000142	VOLUME	433088.362	3721189.672	96.41
LOCATION	L0000143	VOLUME	433102.232	3721187.769	96.78
LOCATION	L0000144	VOLUME	433116.102	3721185.867	93.70
LOCATION	L0000145	VOLUME	433129.973	3721183.965	89.82
LOCATION	L0000146	VOLUME	433143.843	3721182.063	89.11
LOCATION	L0000147	VOLUME	433157.726	3721180.278	88.58
LOCATION	L0000148	VOLUME	433171.673	3721179.065	88.75
LOCATION	L0000149	VOLUME	433185.621	3721177.852	88.92
LOCATION	L0000150	VOLUME	433199.568	3721176.639	89.08
LOCATION	L0000151	VOLUME	433213.515	3721175.426	90.23
LOCATION	L0000152	VOLUME	433227.497	3721175.333	92.71
LOCATION	L0000153	VOLUME	433241.401	3721176.643	94.74
LOCATION	L0000154	VOLUME	433255.208	3721178.961	96.05
LOCATION	L0000155	VOLUME	433269.014	3721181.279	95.98
LOCATION	L0000156	VOLUME	433282.821	3721183.597	95.42
LOCATION	L0000157	VOLUME	433296.628	3721185.915	94.90
LOCATION	L0000158	VOLUME	433310.435	3721188.233	94.38
LOCATION	L0000159	VOLUME	433324.241	3721190.551	93.83
LOCATION	L0000160	VOLUME	433338.048	3721192.869	93.28
LOCATION	L0000161	VOLUME	433351.855	3721195.187	92.88

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

SRCPARAM	VOL1	0.0000840461	5.000	13.891	1.400
SRCPARAM	VOL2	0.0000840461	5.000	13.891	1.400
SRCPARAM	VOL3	0.0000840461	5.000	13.891	1.400
SRCPARAM	VOL4	0.0000840461	5.000	13.891	1.400

[illegible]

SRCPARAM	L0000102	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000103	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000104	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000105	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000106	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000107	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000108	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000109	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000110	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000111	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000112	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000113	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000114	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000115	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000116	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000117	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000118	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000119	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000120	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000121	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000122	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000123	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000124	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000125	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000126	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000127	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000128	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000129	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000130	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000131	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000132	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000133	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000134	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000135	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000136	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000137	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000138	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000139	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000140	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000141	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000142	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000143	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000144	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000145	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000146	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000147	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000148	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000149	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000150	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000151	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000152	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000153	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000154	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000155	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000156	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000157	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000158	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000159	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000160	0.00000301	3.49	6.51	3.25
SRCPARAM	L0000161	0.00000301	3.49	6.51	3.25

** -----

URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW) "

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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EMISFACT	L0000154	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000154	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000154	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000154	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000155	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000155	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000155	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000155	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000156	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000156	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000156	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000156	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000157	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000157	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000157	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000157	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000158	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000158	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000158	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000158	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000159	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000159	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000159	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000159	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000160	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000160	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000160	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000160	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000161	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000161	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000161	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000161	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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EMISFACT	L0000157	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000158	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000158	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000158	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000158	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000159	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000159	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000159	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000159	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000160	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000160	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000160	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000160	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000161	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000161	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000161	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000161	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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EMISFACT L0000161 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "16380 Cons HRA Mit.rou"
RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE MSVJ_V11_trimmed.sfc
PROFFILE MSVJ_V11_trimmed.pfl
SURFDATA 93184 2017
UAIRDATA 3190 2017
SITEDATA 60592022 2017
PROFBASE 168.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
** Auto-Generated Plotfiles
PLOTFILE PERIOD ALL "16380 CONS HRA MIT.AD\PE00GALL.PLT" 31
SUMMFILE "16380 Cons HRA Mit.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 2929 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2929 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 195 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 195 Source(s); 1 Source Group(s); and 97 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 195 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: 22112

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
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) = 168.00 ; 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 = 3.7 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 16380 Cons HRA
Mit.err
**File for Summary of Results: 16380 Cons HRA
Mit.sum

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY							
VOL1	0	0.84046E-04	431744.3	3720778.9	108.6	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL2	0	0.84046E-04	431744.2	3720719.8	110.2	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL3	0	0.84046E-04	431804.3	3720766.5	107.2	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL4	0	0.84046E-04	431777.5	3720706.4	110.2	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL5	0	0.84046E-04	431838.7	3720705.6	105.2	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL6	0	0.84046E-04	431871.3	3720796.4	98.6	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL7	0	0.84046E-04	431859.0	3720765.4	106.3	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL8	0	0.84046E-04	431919.5	3720735.5	97.4	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL9	0	0.84046E-04	431859.4	3720645.5	105.3	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL10	0	0.84046E-04	431899.6	3720704.9	103.6	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL11	0	0.84046E-04	431793.2	3720683.0	110.2	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL12	0	0.84046E-04	431854.8	3720601.9	105.7	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL13	0	0.84046E-04	431870.5	3720582.0	104.7	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL14	0	0.84046E-04	431888.9	3720564.7	103.9	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL15	0	0.84046E-04	431907.6	3720544.8	102.0	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL16	0	0.84046E-04	431922.2	3720525.3	101.4	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL17	0	0.84046E-04	431942.9	3720464.4	99.9	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL18	0	0.84046E-04	431957.8	3720425.4	100.1	5.00	13.89	1.40	
YES	HRDOW	NO							
VOL19	0	0.84046E-04	431990.7	3720422.7	98.6	5.00	13.89	1.40	

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FF *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***          03/03/25
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

	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						

L00000007	0	0.30100E-05	432013.4	3720382.1	95.9	3.49	6.51	3.25
YES	HRDOW	NO						
L00000008	0	0.30100E-05	432027.4	3720382.0	94.9	3.49	6.51	3.25

YES	HRDOW	NO						
L0000009	0	0.30100E-05	432041.4	3720381.8	93.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000010	0	0.30100E-05	432055.4	3720381.6	93.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000011	0	0.30100E-05	432069.4	3720381.5	92.7	3.49	6.51	3.25
YES	HRDOW	NO						
L0000012	0	0.30100E-05	432083.4	3720381.3	92.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000013	0	0.30100E-05	432097.4	3720381.1	92.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000014	0	0.30100E-05	432111.4	3720381.0	91.7	3.49	6.51	3.25
YES	HRDOW	NO						
L0000015	0	0.30100E-05	432125.4	3720380.8	91.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000016	0	0.30100E-05	432139.4	3720380.6	90.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000017	0	0.30100E-05	432153.4	3720380.5	90.5	3.49	6.51	3.25
YES	HRDOW	NO						
L0000018	0	0.30100E-05	432155.8	3720394.0	90.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000019	0	0.30100E-05	432157.9	3720407.8	90.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000020	0	0.30100E-05	432160.0	3720421.7	90.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000021	0	0.30100E-05	432162.1	3720435.5	89.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000022	0	0.30100E-05	432164.1	3720449.3	89.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000023	0	0.30100E-05	432166.2	3720463.2	89.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000024	0	0.30100E-05	432168.3	3720477.0	89.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000025	0	0.30100E-05	432170.4	3720490.9	89.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000026	0	0.30100E-05	432172.5	3720504.7	89.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000027	0	0.30100E-05	432174.6	3720518.6	88.7	3.49	6.51	3.25
YES	HRDOW	NO						
L0000028	0	0.30100E-05	432176.7	3720532.4	88.5	3.49	6.51	3.25
YES	HRDOW	NO						
L0000029	0	0.30100E-05	432178.7	3720546.3	88.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000030	0	0.30100E-05	432180.8	3720560.1	88.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000031	0	0.30100E-05	432182.9	3720573.9	87.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000032	0	0.30100E-05	432185.0	3720587.8	87.6	3.49	6.51	3.25
YES	HRDOW	NO						
L0000033	0	0.30100E-05	432187.1	3720601.6	87.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000034	0	0.30100E-05	432189.3	3720615.5	87.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000035	0	0.30100E-05	432191.4	3720629.3	87.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000036	0	0.30100E-05	432193.5	3720643.1	87.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000037	0	0.30100E-05	432195.7	3720657.0	86.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000038	0	0.30100E-05	432197.8	3720670.8	86.6	3.49	6.51	3.25
YES	HRDOW	NO						
L0000039	0	0.30100E-05	432200.0	3720684.6	86.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000040	0	0.30100E-05	432202.1	3720698.5	86.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000041	0	0.30100E-05	432204.3	3720712.3	85.8	3.49	6.51	3.25

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YES   HRDOW      NO
L0000042      0  0.30100E-05  432206.4  3720726.1      85.4      3.49      6.51      3.25
YES   HRDOW      NO
L0000043      0  0.30100E-05  432208.5  3720740.0      85.0      3.49      6.51      3.25
YES   HRDOW      NO
L0000044      0  0.30100E-05  432210.7  3720753.8      84.7      3.49      6.51      3.25
YES   HRDOW      NO
L0000045      0  0.30100E-05  432212.8  3720767.6      84.3      3.49      6.51      3.25
YES   HRDOW      NO
L0000046      0  0.30100E-05  432215.0  3720781.5      84.0      3.49      6.51      3.25
YES   HRDOW      NO
PR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE		NUMBER	EMISSION	RATE	BASE		RELEASE	INIT.	INIT.
SOURCE		URBAN	EMISSION	RATE	AIRCRAFT				
ID		PART.	(GRAMS/SEC)		X	Y	ELEV.	HEIGHT	SY
SCALAR VARY		CATS.			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)			BY						

L0000047		0	0.30100E-05	432217.1	3720795.3		83.7	3.49	6.51
YES HRDOW			NO						
L0000048		0	0.30100E-05	432219.3	3720809.1		83.3	3.49	6.51
YES HRDOW			NO						
L0000049		0	0.30100E-05	432221.4	3720823.0		82.9	3.49	6.51
YES HRDOW			NO						
L0000050		0	0.30100E-05	432223.5	3720836.8		82.4	3.49	6.51
YES HRDOW			NO						
L0000051		0	0.30100E-05	432225.5	3720850.7		81.8	3.49	6.51
YES HRDOW			NO						
L0000052		0	0.30100E-05	432227.5	3720864.5		81.3	3.49	6.51
YES HRDOW			NO						
L0000053		0	0.30100E-05	432229.5	3720878.4		80.7	3.49	6.51
YES HRDOW			NO						
L0000054		0	0.30100E-05	432231.5	3720892.3		80.1	3.49	6.51
YES HRDOW			NO						
L0000055		0	0.30100E-05	432233.5	3720906.1		79.6	3.49	6.51
YES HRDOW			NO						
L0000056		0	0.30100E-05	432235.5	3720920.0		79.1	3.49	6.51
YES HRDOW			NO						
L0000057		0	0.30100E-05	432237.5	3720933.8		78.8	3.49	6.51
YES HRDOW			NO						
L0000058		0	0.30100E-05	432239.5	3720947.7		78.5	3.49	6.51
YES HRDOW			NO						
L0000059		0	0.30100E-05	432241.5	3720961.5		78.4	3.49	6.51
YES HRDOW			NO						
L0000060		0	0.30100E-05	432243.5	3720975.4		78.4	3.49	6.51
YES HRDOW			NO						
L0000061		0	0.30100E-05	432245.5	3720989.2		78.4	3.49	6.51
YES HRDOW			NO						
L0000062		0	0.30100E-05	432247.5	3721003.1		78.4	3.49	6.51
YES HRDOW			NO						
L0000063		0	0.30100E-05	432249.5	3721017.0		78.3	3.49	6.51
YES HRDOW			NO						
L0000064		0	0.30100E-05	432251.5	3721030.8		78.3	3.49	6.51

YES	HRDOW	NO						
L0000065	0	0.30100E-05	432253.5	3721044.7	78.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000066	0	0.30100E-05	432255.5	3721058.5	78.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000067	0	0.30100E-05	432257.4	3721072.4	78.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000068	0	0.30100E-05	432259.4	3721086.3	78.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000069	0	0.30100E-05	432261.3	3721100.1	78.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000070	0	0.30100E-05	432263.2	3721114.0	77.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000071	0	0.30100E-05	432265.1	3721127.9	77.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000072	0	0.30100E-05	432267.1	3721141.7	78.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000073	0	0.30100E-05	432269.0	3721155.6	78.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000074	0	0.30100E-05	432270.9	3721169.5	78.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000075	0	0.30100E-05	432272.8	3721183.3	78.6	3.49	6.51	3.25
YES	HRDOW	NO						
L0000076	0	0.30100E-05	432274.8	3721197.2	78.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000077	0	0.30100E-05	432276.7	3721211.1	79.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000078	0	0.30100E-05	432278.6	3721224.9	79.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000079	0	0.30100E-05	432280.6	3721238.8	79.7	3.49	6.51	3.25
YES	HRDOW	NO						
L0000080	0	0.30100E-05	432282.5	3721252.7	80.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000081	0	0.30100E-05	432284.4	3721266.5	80.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000082	0	0.30100E-05	432286.3	3721280.4	80.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000083	0	0.30100E-05	432288.3	3721294.3	81.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000084	0	0.30100E-05	432290.2	3721308.1	81.7	3.49	6.51	3.25
YES	HRDOW	NO						
L0000085	0	0.30100E-05	432299.8	3721311.7	81.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000086	0	0.30100E-05	432313.6	3721309.5	81.9	3.49	6.51	3.25
YES	HRDOW	NO						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT				
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						

L0000087	0	0.30100E-05	432327.4	3721307.3	81.9	3.49	6.51	3.25

YES	HRDOW	NO						
L0000088	0	0.30100E-05	432341.3	3721305.2	81.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000089	0	0.30100E-05	432355.1	3721303.0	81.5	3.49	6.51	3.25
YES	HRDOW	NO						
L0000090	0	0.30100E-05	432368.9	3721300.8	81.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000091	0	0.30100E-05	432382.8	3721298.6	81.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000092	0	0.30100E-05	432396.6	3721296.5	81.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000093	0	0.30100E-05	432410.4	3721294.3	81.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000094	0	0.30100E-05	432424.3	3721292.1	80.7	3.49	6.51	3.25
YES	HRDOW	NO						
L0000095	0	0.30100E-05	432438.1	3721290.0	80.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000096	0	0.30100E-05	432451.9	3721287.8	80.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000097	0	0.30100E-05	432465.7	3721285.6	80.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000098	0	0.30100E-05	432479.6	3721283.3	80.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000099	0	0.30100E-05	432493.4	3721281.0	80.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000100	0	0.30100E-05	432507.2	3721278.8	79.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000101	0	0.30100E-05	432521.0	3721276.5	79.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000102	0	0.30100E-05	432534.8	3721274.2	80.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000103	0	0.30100E-05	432548.6	3721271.9	80.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000104	0	0.30100E-05	432562.4	3721269.6	80.7	3.49	6.51	3.25
YES	HRDOW	NO						
L0000105	0	0.30100E-05	432576.2	3721267.4	80.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000106	0	0.30100E-05	432590.1	3721265.2	81.2	3.49	6.51	3.25
YES	HRDOW	NO						
L0000107	0	0.30100E-05	432603.9	3721263.3	81.5	3.49	6.51	3.25
YES	HRDOW	NO						
L0000108	0	0.30100E-05	432617.8	3721261.3	81.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000109	0	0.30100E-05	432631.7	3721259.3	82.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000110	0	0.30100E-05	432645.5	3721257.3	82.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000111	0	0.30100E-05	432659.4	3721255.4	82.3	3.49	6.51	3.25
YES	HRDOW	NO						
L0000112	0	0.30100E-05	432673.2	3721253.4	82.6	3.49	6.51	3.25
YES	HRDOW	NO						
L0000113	0	0.30100E-05	432687.1	3721251.4	82.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000114	0	0.30100E-05	432701.0	3721249.4	82.9	3.49	6.51	3.25
YES	HRDOW	NO						
L0000115	0	0.30100E-05	432714.8	3721247.4	83.0	3.49	6.51	3.25
YES	HRDOW	NO						
L0000116	0	0.30100E-05	432728.7	3721245.5	83.1	3.49	6.51	3.25
YES	HRDOW	NO						
L0000117	0	0.30100E-05	432742.5	3721243.5	83.4	3.49	6.51	3.25
YES	HRDOW	NO						
L0000118	0	0.30100E-05	432756.4	3721241.5	83.6	3.49	6.51	3.25
YES	HRDOW	NO						
L0000119	0	0.30100E-05	432770.3	3721239.5	83.8	3.49	6.51	3.25
YES	HRDOW	NO						
L0000120	0	0.30100E-05	432784.1	3721237.6	84.1	3.49	6.51	3.25

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YES   HRDOW      NO
L0000121      0   0.30100E-05  432798.0 3721235.6    84.5    3.49    6.51    3.25
YES   HRDOW      NO
L0000122      0   0.30100E-05  432811.8 3721233.6    84.8    3.49    6.51    3.25
YES   HRDOW      NO
L0000123      0   0.30100E-05  432825.7 3721231.6    85.0    3.49    6.51    3.25
YES   HRDOW      NO
L0000124      0   0.30100E-05  432839.5 3721229.6    85.4    3.49    6.51    3.25
YES   HRDOW      NO
L0000125      0   0.30100E-05  432853.4 3721227.4    85.8    3.49    6.51    3.25
YES   HRDOW      NO
L0000126      0   0.30100E-05  432867.2 3721225.1    86.2    3.49    6.51    3.25
YES   HRDOW      NO
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*** MODELOPTs:   RegDFAULT CONC  ELEV  URBAN  ADJ_U*
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                                     *** 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
-----
L0000127      0   0.30100E-05  432881.0 3721222.9    86.7    3.49    6.51    3.25
YES   HRDOW      NO
L0000128      0   0.30100E-05  432894.8 3721220.7    87.2    3.49    6.51    3.25
YES   HRDOW      NO
L0000129      0   0.30100E-05  432908.7 3721218.4    87.8    3.49    6.51    3.25
YES   HRDOW      NO
L0000130      0   0.30100E-05  432922.5 3721216.2    88.3    3.49    6.51    3.25
YES   HRDOW      NO
L0000131      0   0.30100E-05  432936.3 3721214.0    89.0    3.49    6.51    3.25
YES   HRDOW      NO
L0000132      0   0.30100E-05  432950.1 3721211.7    89.7    3.49    6.51    3.25
YES   HRDOW      NO
L0000133      0   0.30100E-05  432963.9 3721209.5    90.5    3.49    6.51    3.25
YES   HRDOW      NO
L0000134      0   0.30100E-05  432977.8 3721207.3    91.3    3.49    6.51    3.25
YES   HRDOW      NO
L0000135      0   0.30100E-05  432991.6 3721205.0    92.2    3.49    6.51    3.25
YES   HRDOW      NO
L0000136      0   0.30100E-05  433005.4 3721202.8    93.0    3.49    6.51    3.25
YES   HRDOW      NO
L0000137      0   0.30100E-05  433019.2 3721200.6    93.8    3.49    6.51    3.25
YES   HRDOW      NO
L0000138      0   0.30100E-05  433033.0 3721198.3    94.5    3.49    6.51    3.25
YES   HRDOW      NO
L0000139      0   0.30100E-05  433046.9 3721196.1    95.2    3.49    6.51    3.25
YES   HRDOW      NO
L0000140      0   0.30100E-05  433060.7 3721193.9    95.7    3.49    6.51    3.25
YES   HRDOW      NO
L0000141      0   0.30100E-05  433074.5 3721191.6    96.1    3.49    6.51    3.25
YES   HRDOW      NO
L0000142      0   0.30100E-05  433088.4 3721189.7    96.4    3.49    6.51    3.25
YES   HRDOW      NO
L0000143      0   0.30100E-05  433102.2 3721187.8    96.8    3.49    6.51    3.25
```



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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

ALL VOL7	VOL1 VOL8	, VOL2 ,	, VOL3	, VOL4	, VOL5	, VOL6	,
	VOL9 VOL15	, VOL10 VOL16	, VOL11 ,	, VOL12	, VOL13	, VOL14	,
	VOL17 VOL23	, VOL18 VOL24	, VOL19 ,	, VOL20	, VOL21	, VOL22	,
	VOL25 VOL31	, VOL26 VOL32	, VOL27 ,	, VOL28	, VOL29	, VOL30	,
	VOL33 L0000005	, VOL34 L0000006	, L0000001 ,	, L0000002	, L0000003	, L0000004	,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

SOURCE IDs

L0000127	,	L0000128	,	L0000129	,	L0000130	,	L0000131	,	L0000132	,
L0000133	,	L0000134	,								
L0000135	,	L0000136	,	L0000137	,	L0000138	,	L0000139	,	L0000140	,
L0000141	,	L0000142	,								

URBAN ID	URBAN POP	SOURCE IDs									
-----	-----										
	3135755.	VOL1	,	VOL2	,	VOL3	,	VOL4	,	VOL5	,
	VOL6	, VOL7	,								
VOL8	,										
	VOL9	, VOL10	,	VOL11	,	VOL12	,	VOL13	,	VOL14	,
	VOL15	, VOL16	,								
	VOL17	, VOL18	,	VOL19	,	VOL20	,	VOL21	,	VOL22	,
	VOL23	, VOL24	,								
	VOL25	, VOL26	,	VOL27	,	VOL28	,	VOL29	,	VOL30	,
	VOL31	, VOL32	,								
	VOL33	, VOL34	,	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 , L0000118 ,
L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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L0000127 , L0000133 ,	L0000128 , L0000134 ,	L0000129 , L0000130 , L0000131 , L0000132 ,
L0000135 , L0000141 ,	L0000136 , L0000142 ,	L0000137 , L0000138 , L0000139 , L0000140 ,
L0000143 , L0000149 ,	L0000144 , L0000150 ,	L0000145 , L0000146 , L0000147 , L0000148 ,
L0000151 , L0000157 ,	L0000152 , L0000158 ,	L0000153 , L0000154 , L0000155 , L0000156 ,
L0000159 ,	L0000160 ,	L0000161 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL1		; SOURCE TYPE = VOLUME		:						
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
	.0000E+00	7	.0000E+00	8	.0000E+00					
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	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22

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.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
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7 .0000E+00  8 .0000E+00
 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 .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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
ERR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
ERR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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					

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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


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.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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00

```

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	.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 = 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						

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
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	
	.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```
SOURCE ID = VOL12          ; SOURCE TYPE = VOLUME      :
  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
  .0000E+00  7  .0000E+00  8  .0000E+00
  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  .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
***                                     ***      17:23:58
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                                PAGE 23
*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL13          ; SOURCE TYPE = VOLUME      :
  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
  .0000E+00  7  .0000E+00  8  .0000E+00
  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  .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                03/03/25
*** AERMET - VERSION 22112 ***
***                                     *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
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*** AERMOD - VERSION 24142 ***    *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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17:23:58

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                                PAGE 30
*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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	

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.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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
 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
.0000E+00  7 .0000E+00  8 .0000E+00
 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 .0000E+00 18 .0000E+00 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

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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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
 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
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

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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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR

```

SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
DAY OF WEEK = WEEKDAY											
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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 Terravita.is *** 03/03/25
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 *** *** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL29		; SOURCE TYPE = VOLUME									
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
DAY OF WEEK = WEEKDAY											
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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 Terravita.is *** 03/03/25
 *** AERMET - VERSION 22112 ***
 *** *** 17:23:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
```

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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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :
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

```

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.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
FF *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000002      ; SOURCE TYPE = VOLUME      :
  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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
RA *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :
 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	
	.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380

Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :
 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	
	.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
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 = 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			

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7 .0000E+00  8 .0000E+00
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 .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 = 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
ERR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7 .0000E+00  8 .0000E+00
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 .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 = 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

```

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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					

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
```

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY
DAY OF WEEK = WEEKDAY											
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380											
Terravita.is *** 03/03/25											
*** AERMET - VERSION 22112 ***											
*** 17:23:58											
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*											
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *											
SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :											
HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY	HOURLY SCALAR	SCALAR HOURLY
DAY OF WEEK = WEEKDAY											
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380											
Terravita.is *** 03/03/25											
*** AERMET - VERSION 22112 ***											
*** 17:23:58											

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14 .1000E+01
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00
.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
.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
.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
.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
.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
.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
.0000E+00	23 .0000E+00	24 .0000E+00			

*** AERMOD - VERSION 24142 *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

17:23:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14 .1000E+01
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00
.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
.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
.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
.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
.0000E+00	7 .0000E+00	8 .0000E+00			

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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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7 .0000E+00	8 .0000E+00			
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 .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 = 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			

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7 .0000E+00	8 .0000E+00			
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                    03/03/25
*** AERMET - VERSION 22112 ***
***                                     *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```
SOURCE ID = L0000025      ; SOURCE TYPE = VOLUME      :
  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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                    03/03/25
*** AERMET - VERSION 22112 ***
***                                     *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000026      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
```

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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 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

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(HRDOW) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
 Terravita.is *** 03/03/25
 *** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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 Terravita.is *** 03/03/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7 .0000E+00  8 .0000E+00
 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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
ERR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
ERR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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.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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00

```

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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = L0000044      ; SOURCE TYPE = VOLUME      :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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```

SOURCE ID = L0000045      ; SOURCE TYPE = VOLUME      :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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
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Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :
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	
.0000E+00	7	.0000E+00	8	.0000E+00							
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	.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 = 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							

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :
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	
.0000E+00	7	.0000E+00	8	.0000E+00							
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                03/03/25
*** AERMET - VERSION 22112 ***
***                                     *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :
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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
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*** AERMOD - VERSION 24142 ***    *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :
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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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***
17:23:58

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                                PAGE 97
*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01
.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
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 = 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
.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
.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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01
.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
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 = 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
.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

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.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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :
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
.0000E+00  7 .0000E+00  8 .0000E+00
 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 .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 = 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
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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :
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
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
```

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

DAY OF WEEK = SUNDAY

Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L00000059				; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

DAY OF WEEK = WEEKDAY

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

DAY OF WEEK = SUNDAY

Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR
1	1.000000	2	1.000000	3	1.000000	4	1.000000	5	1.000000	6	1.000000
7	1.000000	8	1.000000	9	1.000000	10	1.000000	11	1.000000	12	1.000000
13	1.000000	14	1.000000	15	1.000000	16	1.000000	17	1.000000	18	1.000000
19	1.000000	20	1.000000	21	1.000000	22	1.000000	23	1.000000	24	1.000000
25	1.000000	26	1.000000	27	1.000000	28	1.000000	29	1.000000	30	1.000000
31	1.000000	32	1.000000	33	1.000000	34	1.000000	35	1.000000	36	1.000000
37	1.000000	38	1.000000	39	1.000000	40	1.000000	41	1.000000	42	1.000000
43	1.000000	44	1.000000	45	1.000000	46	1.000000	47	1.000000	48	1.000000
49	1.000000	50	1.000000	51	1.000000	52	1.000000	53	1.000000	54	1.000000
55	1.000000	56	1.000000	57	1.000000	58	1.000000	59	1.000000	60	1.000000
61	1.000000	62	1.000000	63	1.000000	64	1.000000	65	1.000000	66	1.000000
67	1.000000	68	1.000000	69	1.000000	70	1.000000	71	1.000000	72	1.000000
73	1.000000	74	1.000000	75	1.000000	76	1.000000	77	1.000000	78	1.000000
79	1.000000	80	1.000000	81	1.000000	82	1.000000	83	1.000000	84	1.000000
85	1.000000	86	1.000000	87	1.000000	88	1.000000	89	1.000000	90	1.000000
91	1.000000	92	1.000000	93	1.000000	94	1.000000	95	1.000000	96	1.000000
97	1.000000	98	1.000000	99	1.000000	100	1.000000	101	1.000000	102	1.000000
103	1.000000	104	1.000000	105	1.000000	106	1.000000	107	1.000000	108	1.000000
109	1.000000	110	1.000000	111	1.000000	112	1.000000	113	1.000000	114	1.000000
115	1.000000	116	1.000000	117	1.000000	118	1.000000	119	1.000000	120	1.000000
121	1.000000	122	1.000000	123	1.000000	124	1.000000	125	1.000000	126	1.000000
127	1.000000	128	1.000000	129	1.000000	130	1.000000	131	1.000000	132	1.000000
133	1.000000	134	1.000000	135	1.000000	136	1.000000	137	1.000000	138	1.000000
139	1.000000	140	1.000000	141	1.000000	142	1.000000	143	1.000000	144	1.000000
145	1.000000	146	1.000000	147	1.000000	148	1.000000	149	1.000000	150	1.000000
151	1.000000	152	1.000000	153	1.000000	154	1.000000	155	1.000000	156	1.000000
157	1.000000	158	1.000000	159	1.000000	160	1.000000	161	1.000000	162	1.000000
163	1.000000	164	1.000000	165	1.000000	166	1.000000	167	1.000000	168	1.000000
169											


```
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
.0000E+00  7 .0000E+00  8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :
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
.0000E+00  7 .0000E+00  8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

17:23:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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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
PR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
PR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :
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

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.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
FF *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
***
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17:23:58

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                                PAGE 112
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000068      ; SOURCE TYPE = VOLUME      :
  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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
RA *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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17:23:58

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                                PAGE 113
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000071				; SOURCE TYPE = VOLUME							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.1000E+01	18	.1000E+01
19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
25	.0000E+00	26	.0000E+00	27	.0000E+00	28	.0000E+00	29	.0000E+00	30	.0000E+00
31	.0000E+00	32	.0000E+00	33	.0000E+00	34	.0000E+00	35	.0000E+00	36	.0000E+00

DAY OF WEEK = SATURDAY

DAY OF WEEK		MONTH		YEAR									
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	25	.0000E+00	26	.0000E+00	27	.0000E+00
28	.0000E+00	29	.0000E+00	30	.0000E+00	31	.0000E+00	32	.0000E+00	33	.0000E+00	34	.0000E+00
35	.0000E+00	36	.0000E+00	37	.0000E+00	38	.0000E+00	39	.0000E+00	40	.0000E+00	41	.0000E+00
42	.0000E+00	43	.0000E+00	44	.0000E+00	45	.0000E+00	46	.0000E+00	47	.0000E+00	48	.0000E+00
49	.0000E+00	50	.0000E+00	51	.0000E+00	52	.0000E+00	53	.0000E+00	54	.0000E+00	55	.0000E+00
56	.0000E+00	57	.0000E+00	58	.0000E+00	59	.0000E+00	60	.0000E+00	61	.0000E+00	62	.0000E+00
63	.0000E+00	64	.0000E+00	65	.0000E+00	66	.0000E+00	67	.0000E+00	68	.0000E+00	69	.0000E+00
70	.0000E+00	71	.0000E+00	72	.0000E+00	73	.0000E+00	74	.0000E+00	75	.0000E+00	76	.0000E+00
77	.0000E+00	78	.0000E+00	79	.0000E+00	80	.0000E+00	81	.0000E+00	82	.0000E+00	83	.0000E+00
84	.0000E+00	85	.0000E+00	86	.0000E+00	87	.0000E+00	88	.0000E+00	89	.0000E+00	90	.0000E+00
91	.0000E+00	92	.0000E+00	93	.0000E+00	94	.0000E+00	95	.0000E+00	96	.0000E+00	97	.0000E+00
98	.0000E+00	99	.0000E+00	100	.0000E+00	101	.0000E+00	102	.0000E+00	103	.0000E+00	104	.0000E+00
105	.0000E+00	106	.0000E+00	107	.0000E+00	108	.0000E+00	109	.0000E+00	110	.0000E+00	111	.0000E+00
112	.0000E+00	113	.0000E+00	114	.0000E+00	115	.0000E+00	116	.0000E+00	117	.0000E+00	118	.0000E+00
119	.0000E+00	120	.0000E+00	121	.0000E+00	122	.0000E+00	123	.0000E+00	124	.0000E+00	125	.0000E+00
126	.0000E+00	127	.0000E+00	128	.0000E+00	129	.0000E+00	130	.0000E+00	131	.0000E+00	132	.0000E+00
133	.0000E+00	134	.0000E+00	135	.0000E+00	136	.0000E+00	137	.0000E+00	138	.0000E+00	139	.0000E+00
140	.0000E+00	141	.0000E+00	142	.0000E+00	143	.0000E+00	144	.0000E+00	145	.0000E+00	146	.0000E+00
147	.0000E+00	148	.0000E+00	149	.0000E+00	150	.0000E+00	151	.0000E+00	152	.0000E+00	153	.0000E+00
154	.0000E+00	155	.0000E+00	156	.0000E+00	157	.0000E+00	158	.0000E+00	159	.0000E+00	160	.0000E+00
161	.0000E+00	162	.0000E+00	163	.0000E+00	164	.0000E+00	165	.0000E+00	166	.0000E+00	167	.0000E+00
168	.0000E+00	169	.0000E+00	170	.0000E+00	171	.0000E+00	172	.0000E+00	173	.0000E+00	174	.0000E+00
175	.0000E+00	176	.0000E+00	177	.0000E+00	178	.0000E+00	179	.0000E+00	180	.0000E+00	181	.0

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

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Terravita.is *** 03/03/25
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*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :									
HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR
SCALAR	HOURLY	SCALAR	HOURLY	SCALAR					

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
	.1000E+01	15	.1000E+01	16	.1000E+01					
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 = 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					

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
	.1000E+01	15	.1000E+01	16	.1000E+01					
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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :
 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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :
 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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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					

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :
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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :
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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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.1000E+01 15 .1000E+01 16 .1000E+01
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000084 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000085 ; SOURCE TYPE = VOLUME :

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000087 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24

*** AERMOD - VERSION 24142 *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380

Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

17:23:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12


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  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
FF *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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FF *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6

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.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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                    03/03/25
*** AERMET - VERSION 22112 ***
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17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000091      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -

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DAY OF WEEK = WEEKDAY

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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 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   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

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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

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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

```

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Terravita.is ***                    03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = L0000092      ; SOURCE TYPE = VOLUME      :
  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	
.0000E+00	7	.0000E+00	8	.0000E+00							
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	.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 = 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							

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :
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	
.0000E+00	7	.0000E+00	8	.0000E+00							
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	.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 = 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							

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Terravita.is *** 03/03/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000094 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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*** *** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	

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.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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7 .0000E+00  8 .0000E+00
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 .0000E+00 18 .0000E+00 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

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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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000101 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000102 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000103 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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.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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000107 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```
SOURCE ID = L0000110      ; SOURCE TYPE = VOLUME      :
  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
  .0000E+00  7  .0000E+00  8  .0000E+00
  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  .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
***                                     ***      17:23:58
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                                PAGE 155
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000111      ; SOURCE TYPE = VOLUME      :
  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
  .0000E+00  7  .0000E+00  8  .0000E+00
  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  .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0000112 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380

Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                03/03/25
*** AERMET - VERSION 22112 ***
***                                                                    *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000114 ; SOURCE TYPE = VOLUME :
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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
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*** AERMOD - VERSION 24142 ***    *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000115 ; SOURCE TYPE = VOLUME :
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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000116 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000117 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000118 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
***
***
17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000119 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :
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	
.0000E+00		7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000121 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000122 ; SOURCE TYPE = VOLUME :

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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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

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.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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000123 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7 .0000E+00  8 .0000E+00
 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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :
  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
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

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DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

DAY OF WEEK = SUNDAY

Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000125				; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

DAY OF WEEK = WEEKDAY

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

DAY OF WEEK = SUNDAY

Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000126 ; SOURCE TYPE = VOLUME :

HR	SCAL	HR	SCAL	HR	SCAL	HR	SCAL	HR	SCAL	HR

```
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
.0000E+00  7 .0000E+00  8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :
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
.0000E+00  7 .0000E+00  8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000130 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000131 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

DAY OF WEEK = SUNDAY

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*** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***                    03/03/25
*** AERMET - VERSION 22112 ***
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***                                     *** 17:23:58

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*** MODELOPTs:      RegDFault  CONC  ELEV  URBAN  ADJ  U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000132				; SOURCE TYPE = VOLUME				:			
SCALAR	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	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.1000E+01	18	.1000E+01
19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
25	.0000E+00	26	.0000E+00	27	.0000E+00	28	.0000E+00	29	.0000E+00	30	.0000E+00
31	.0000E+00	32	.0000E+00	33	.0000E+00	34	.0000E+00	35	.0000E+00	36	.0000E+00
37	.0000E+00	38	.0000E+00	39	.0000E+00	40	.0000E+00	41	.0000E+00	42	.0000E+00
43	.0000E+00	44	.0000E+00	45	.0000E+00	46	.0000E+00	47	.0000E+00	48	.0000E+00
49	.0000E+00	50	.0000E+00	51	.0000E+00	52	.0000E+00	53	.0000E+00	54	.0000E+00
55	.0000E+00	56	.0000E+00	57	.0000E+00	58	.0000E+00	59	.0000E+00	60	.0000E+00
61	.0000E+00	62	.0000E+00	63	.0000E+00	64	.0000E+00	65	.0000E+00	66	.0000E+00
67	.0000E+00	68	.0000E+00	69	.0000E+00	70	.0000E+00	71	.0000E+00	72	.0000E+00
73	.0000E+00	74	.0000E+00	75	.0000E+00	76	.0000E+00	77	.0000E+00	78	.0000E+00
79	.0000E+00	80	.0000E+00	81	.0000E+00	82	.0000E+00	83	.0000E+00	84	.0000E+00
85	.0000E+00	86	.0000E+00	87	.0000E+00	88	.0000E+00	89	.0000E+00	90	.0000E+00
91	.0000E+00	92	.0000E+00	93	.0000E+00	94	.0000E+00	95	.0000E+00	96	.0000E+00
97	.0000E+00	98	.0000E+00	99	.0000E+00	100	.0000E+00	101	.0000E+00	102	.0000E+00
103	.0000E+00	104	.0000E+00	105	.0000E+00	106	.0000E+00	107	.0000E+00	108	.0000E+00
109	.0000E+00	110	.0000E+00	111	.0000E+00	112	.0000E+00	113	.0000E+00	114	.0000E+00
115	.0000E+00	116	.0000E+00	117	.0000E+00	118	.0000E+00	119	.0000E+00	120	.0000E+00
121	.0000E+00	122	.0000E+00	123	.0000E+00	124	.0000E+00	125	.0000E+00	126	.0000E+00
127	.0000E+00	128	.0000E+00	129	.0000E+00	130	.0000E+00	131	.0000E+00	132	.0000E+00
133	.0000E+00	134	.0000E+00	135	.0000E+00	136	.0000E+00	137	.0000E+00	138	.0000E+00
139	.0000E+00	140	.0000E+00	141	.0000E+00	142	.0000E+00	143	.0000E+00	144	.0000E+00
145	.0000E+00	146	.0000E+00	147	.0000E+00	148	.0000E+00	149	.0000E+00	150	.0000E+00
151	.0000E+00	152	.0000E+00	153	.0000E+00	154	.0000E+00	155	.0000E+00	156	.0000E+00
157	.0000E+00	158	.0000E+00	159	.0000E+00	160	.0000E+00	161	.0000E+00	162	.0000E+00
163	.0000E+00	164	.0000E+00	165	.0000E+00	166	.0000E+00	167	.0000E+00	168	.0000E+00
169	.0000E+00	170	.0000E+00	171	.0000E+00	172	.0000E+00	173	.0000E+00	174	.0000E+00
175	.0000E+00	176	.0000E+00	177	.0000E+00	178	.0000E+00	179	.0000E+00	180	.0000E+00
181	.0000E+00	182	.0000E+00	183	.0000E+00	184	.0000E+00	185	.0000E+00	186	.0000E+00
187	.0000E+00	188	.0000E+00	189	.0000E+00	190	.0000E+00	191	.0000E+00	192	.0000E+00
193	.0000E+00	194	.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							

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** *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***          03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE	ID = L0000133			; SOURCE TYPE = VOLUME	:					
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
```

```

.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
FF *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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17:23:58

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                                PAGE 178
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000134      ; SOURCE TYPE = VOLUME      :
  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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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
RA *** AERMOD - VERSION 24142 ***      *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is ***      03/03/25
*** AERMET - VERSION 22112 ***
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                                PAGE 179
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :
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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :
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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000137 ; SOURCE TYPE = VOLUME :
 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	
	.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :
 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	
	.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000139 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
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 = 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			

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000140 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000141 ; SOURCE TYPE = VOLUME :
 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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = SATURDAY

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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

```

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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000142 ; SOURCE TYPE = VOLUME :
 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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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
ERR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000143 ; SOURCE TYPE = VOLUME :
 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
.0000E+00  7  .0000E+00  8  .0000E+00
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 .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 = 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
ERR *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000144 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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					

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :

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
.0000E+00		7	.0000E+00	8	.0000E+00					
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	.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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000146 ; SOURCE TYPE = VOLUME :
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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000147 ; SOURCE TYPE = VOLUME :
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
.0000E+00	7	.0000E+00	8	.0000E+00						
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	.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 = 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						

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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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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.1000E+01 15 .1000E+01 16 .1000E+01
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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000150 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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
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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000151 ; SOURCE TYPE = VOLUME :

```

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR						

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

*** *** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000152 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR						

DAY OF WEEK = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

*** *** 17:23:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000153 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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						

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Terravita.is *** 03/03/25

*** AERMET - VERSION 22112 ***

17:23:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = WEEKDAY

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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
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*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :
  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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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```
.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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
***                                     *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```
SOURCE ID = L0000157 ; SOURCE TYPE = VOLUME :
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
.0000E+00    7 .0000E+00    8 .0000E+00
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 .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 = 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:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
***                                     *** 17:23:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```
SOURCE ID = L0000157 ; SOURCE TYPE = VOLUME :
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	
.0000E+00	7	.0000E+00	8	.0000E+00							
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	.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 = 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							

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000159 ; SOURCE TYPE = VOLUME :
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	
.0000E+00	7	.0000E+00	8	.0000E+00							
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	.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 = 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							

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000160 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000161 ; SOURCE TYPE = VOLUME :
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
.0000E+00 7 .0000E+00 8 .0000E+00
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 .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 = 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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(431824.5, 3720637.6, 107.7, 110.4, 0.0);	(431839.6, 3720538.4,
103.2, 125.7, 0.0);	
(431848.4, 3720506.3, 102.3, 125.7, 0.0);	(431808.0, 3720544.2,
103.9, 126.8, 0.0);	
(432072.5, 3720450.4, 95.2, 100.9, 0.0);	(432046.4,
3720409.1, 94.0, 111.4, 0.0);	
(432081.4, 3720460.0, 95.4, 100.9, 0.0);	(432108.8,
3720474.0, 93.4, 101.0, 0.0);	
(431818.1, 3720498.9, 104.4, 126.8, 0.0);	(431824.9, 3720465.1,
105.1, 125.7, 0.0);	
(431746.9, 3720630.1, 108.4, 108.4, 0.0);	(431718.9, 3720636.9,
111.0, 111.0, 0.0);	
(431769.9, 3720571.0, 107.0, 126.8, 0.0);	(431828.5,
3720830.3, 96.2, 114.8, 0.0);	
(431795.6, 3720851.9, 97.6, 110.2, 0.0);	(431709.9, 3720687.8,
110.8, 118.8, 0.0);	
(431720.7, 3720650.8, 110.9, 112.0, 0.0);	(431690.1, 3720613.4,
113.1, 125.2, 0.0);	
(431685.5, 3720648.1, 114.0, 114.0, 0.0);	(431653.1, 3720714.9,
116.8, 116.8, 0.0);	
(431660.8, 3720740.1, 114.9, 114.9, 0.0);	(431667.1, 3720767.2,
111.5, 114.8, 0.0);	
(431672.5, 3720800.1, 108.8, 114.8, 0.0);	(431676.1, 3720826.2,
105.7, 114.8, 0.0);	
(431680.1, 3720851.9, 103.2, 114.8, 0.0);	(433382.6,
3721167.4, 93.2, 93.2, 0.0);	
(433341.1, 3721247.7, 91.2, 91.2, 0.0);	(433323.1,
3721251.3, 91.2, 91.2, 0.0);	
(432993.0, 3721124.6, 86.1, 95.7, 0.0);	(432819.8,
3721275.6, 85.5, 85.5, 0.0);	
(432735.5, 3721287.8, 84.4, 84.4, 0.0);	(432701.7,
3721285.6, 83.2, 83.2, 0.0);	
(432888.8, 3721184.5, 86.9, 86.9, 0.0);	(432798.6,
3721183.2, 84.5, 84.5, 0.0);	
(432741.4, 3721201.7, 83.7, 83.7, 0.0);	(432669.7,
3721211.6, 82.8, 82.8, 0.0);	
(432802.7, 3721413.2, 86.1, 86.1, 0.0);	(432674.6,
3721290.5, 83.1, 83.1, 0.0);	
(432613.3, 3721308.1, 82.2, 82.2, 0.0);	(432550.6,
3721318.9, 82.6, 82.6, 0.0);	
(432615.1, 3721232.8, 82.0, 82.0, 0.0);	(432534.8,
3721218.8, 81.0, 81.0, 0.0);	
(432382.0, 3721246.8, 81.1, 81.1, 0.0);	(432414.0,
3721344.2, 82.8, 82.8, 0.0);	
(432490.2, 3721330.6, 81.6, 81.6, 0.0);	(432375.6,
3721348.2, 83.8, 83.8, 0.0);	
(432365.7, 3721270.2, 81.3, 81.3, 0.0);	(432314.8,
3721271.1, 80.8, 80.8, 0.0);	
(432246.7, 3721271.1, 79.6, 79.6, 0.0);	(432302.6,
3721208.4, 80.2, 80.2, 0.0);	
(432234.0, 3721217.0, 79.3, 79.3, 0.0);	(432247.1,
3721360.0, 83.1, 83.1, 0.0);	
(432356.7, 3721352.8, 84.2, 84.2, 0.0);	(432289.1,
3721101.1, 79.0, 79.0, 0.0);	
(432217.8, 3721121.9, 78.9, 78.9, 0.0);	(432214.7,

```

3721047.4,      77.7,      77.7,      0.0);
( 432280.0, 3721039.8,      80.5,      80.5,      0.0);      ( 432195.3,
3720984.3,      79.8,      79.8,      0.0);
( 432188.0, 3720943.7,      80.2,      88.0,      0.0);      ( 432244.0,
3720808.9,      84.3,      85.5,      0.0);
( 432150.6, 3720733.1,      88.8,      88.8,      0.0);      ( 432249.8,
3720693.0,      88.1,      88.1,      0.0);
( 432207.0, 3720559.1,      88.1,      88.1,      0.0);      ( 432232.7,
3720348.5,      91.2,      115.5,      0.0);
( 432180.4, 3720350.7,      90.9,      115.5,      0.0);      ( 432183.1,
3720281.3,      93.2,      115.5,      0.0);
( 432236.8, 3720646.5,      88.0,      88.0,      0.0);      ( 432042.8,
3720348.5,      99.4,      111.4,      0.0);
( 431941.4, 3720348.5,      108.7,      111.4,      0.0);      ( 431888.6, 3720357.5,
108.2,      111.6,      0.0);
( 431923.3, 3720345.3,      110.2,      110.2,      0.0);      ( 431907.1, 3720352.5,
108.6,      111.1,      0.0);
( 431851.2, 3720360.6,      109.5,      111.6,      0.0);      ( 431852.2, 3720441.9,
102.3,      125.7,      0.0);
( 431852.1, 3720489.0,      101.7,      126.8,      0.0);      ( 431845.1, 3720523.7,
102.7,      125.7,      0.0);
( 431823.3, 3720473.9,      105.0,      125.7,      0.0);      ( 431823.9, 3720457.8,
105.3,      125.7,      0.0);
( 431793.3, 3720942.3,      92.0,      109.9,      0.0);      ( 431690.6,
3720987.2,      88.7,      124.1,      0.0);
( 431681.0, 3720921.2,      97.7,      109.5,      0.0);      ( 432011.4,
3720873.3,      86.6,      109.9,      0.0);
( 432052.1, 3720849.9,      87.3,      109.9,      0.0);      ( 432084.7,
3720824.6,      87.4,      87.4,      0.0);
( 432095.0, 3720762.2,      88.3,      89.5,      0.0);      ( 432128.0,
3720889.4,      88.0,      88.0,      0.0);
( 432095.8, 3720936.2,      84.7,      90.0,      0.0);      ( 431860.1,
3720941.7,      81.2,      124.1,      0.0);
( 431774.9, 3721018.6,      79.6,      124.1,      0.0);      ( 431864.4,
3720908.4,      82.7,      124.1,      0.0);

```

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
Terravita.is *** 03/03/25
*** AERMET - VERSION 22112 ***
***
*** 17:23:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 431846.9, 3720964.6,      82.2,      124.1,      0.0);      ( 431144.8, 3719945.8,
113.4,      113.4,      0.0);
( 431157.2, 3719933.1,      113.9,      113.9,      0.0);      ( 431994.4, 3719146.8,
148.9,      148.9,      0.0);
( 431999.7, 3719120.5,      149.2,      149.2,      0.0);      ( 434516.5, 3720617.5,
115.5,      115.5,      0.0);
( 434406.1, 3720633.4,      113.7,      113.7,
0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

1.54, 3.09, 5.14, 8.23, 10.80,

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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

```
Profile format:
FREE
```

Surface station no.:	93184	Upper air station no.:	3190
Name:	UNKNOWN	Name:	
UNKNOWN			
Year:	2017	Year:	2017

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											
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20	1.00	0.86		
69.		10.0		280.0	9.0												
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20	1.00	0.90		
61.		10.0		279.7	9.0												
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20	1.00	1.34		
69.		10.0		280.4	9.0												
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20	1.00	0.80		
67.		10.0		279.9	9.0												
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20	1.00	0.86		

First hour of profile data

F indicates top of profile (=1) or below (=0)

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INCLUDING SOURCE(S) :				
VOL1	VOL2	VOL3	VOL4	VOL5
VOL6	VOL7	VOL8	VOL9	VOL10
VOL11	VOL12	VOL13	VOL14	VOL15
VOL16	VOL17	VOL18	VOL19	VOL20
VOL21	VOL22	VOL23	VOL24	VOL25
VOL26	VOL27	VOL28	VOL29	VOL30

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
(M)	CONC					
431824.47	3720637.57	0.01661		431839.58		
3720538.42	0.01105					
431848.44	3720506.30	0.00835		431808.02		
3720544.24	0.00662					
432072.45	3720450.37	0.01417		432046.42		
3720409.11	0.01250					
432081.39	3720459.96	0.01394		432108.76		
3720473.97	0.01054					
431818.11	3720498.90	0.00491		431824.87		
3720465.08	0.00391					
431746.87	3720630.10	0.00558		431718.91		
3720636.87	0.00395					
431769.86	3720571.04	0.00448		431828.48		
3720830.29	0.00789					
431795.56	3720851.94	0.00479		431709.90		
3720687.81	0.00643					
431720.72	3720650.84	0.00478		431690.06		
3720613.42	0.00218					
431685.55	3720648.14	0.00253		431653.09		
3720714.87	0.00195					
431660.75	3720740.12	0.00229		431667.06		
3720767.17	0.00263					
431672.47	3720800.08	0.00260		431676.08		
3720826.23	0.00224					
431680.14	3720851.94	0.00186		433382.64		
3721167.41	0.00054					
433341.15	3721247.68	0.00062		433323.12		
3721251.28	0.00062					
432993.01	3721124.56	0.00061		432819.84		
3721275.64	0.00126					
432735.51	3721287.81	0.00129		432701.69		
3721285.56	0.00154					
432888.84	3721184.54	0.00139		432798.65		
3721183.19	0.00104					
432741.38	3721201.68	0.00130		432669.67		
3721211.60	0.00134					
432802.71	3721413.18	0.00039		432674.64		
3721290.52	0.00151					
432613.30	3721308.11	0.00129		432550.62		
3721318.93	0.00129					
432615.11	3721232.79	0.00192		432534.84		
3721218.82	0.00116					
432381.96	3721246.77	0.00147		432413.98		
3721344.18	0.00131					
432490.19	3721330.65	0.00130		432375.65		
3721348.24	0.00137					
432365.73	3721270.22	0.00215		432314.77		
3721271.13	0.00274					
432246.67	3721271.13	0.00154		432302.59		
3721208.44	0.00259					
432234.05	3721217.01	0.00147		432247.12		
3721359.97	0.00073					
432356.71	3721352.75	0.00134		432289.06		
3721101.11	0.00259					
432217.81	3721121.86	0.00155		432214.66		
3721047.45	0.00194					
432280.04	3721039.78	0.00267		432195.26		

3720984.32	0.00186		
432188.05	3720943.73	0.00200	432243.97
3720808.89	0.00353		
432150.62	3720733.13	0.00371	432249.83
3720693.00	0.00276		
432206.99	3720559.06	0.00472	432232.69
3720348.46	0.00206		
432180.38	3720350.72	0.00327	432183.09
3720281.27	0.00207		
432236.75	3720646.55	0.00320	432042.84
3720348.46	0.00639		
431941.37	3720348.46	0.00443	431888.61
3720357.48	0.00293		
431923.34	3720345.30	0.00345	431907.10
3720352.52	0.00333		
431851.18	3720360.64	0.00211	431852.21
3720441.91	0.00459		
431852.07	3720489.04	0.00721	431845.13
3720523.74	0.00994		
431823.30	3720473.86	0.00414	431823.88
3720457.81	0.00365		
431793.30	3720942.34	0.00175	431690.56
3720987.19	0.00077		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 ,
VOL3 , VOL4 , VOL5
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
431680.98	3720921.25	0.00109		432011.44	
3720873.33	0.00318				
432052.07	3720849.95	0.00316		432084.66	
3720824.64	0.00317				
432095.01	3720762.16	0.00413		432127.98	
3720889.43	0.00213				
432095.77	3720936.20	0.00189		431860.12	
3720941.68	0.00210				
431774.93	3721018.65	0.00092		431864.43	
3720908.43	0.00287				
431846.93	3720964.64	0.00170		431144.82	
3719945.78	0.00009				
431157.20	3719933.07	0.00009		431994.43	
3719146.82	0.00006				
431999.70	3719120.50	0.00006		434516.47	

3720617.48 0.00003
434406.06 3720633.41
0.00003

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF DPM IN
MICROGRAMS/M**3 **

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
ZFLAG) OF TYPE GRID-ID

ALL	1ST HIGHEST VALUE IS	0.01661 AT (	431824.47,	3720637.57,	107.74,
110.43,	0.00) DC				
	2ND HIGHEST VALUE IS	0.01417 AT (	432072.45,	3720450.37,	95.23,
	100.93, 0.00) DC				
	3RD HIGHEST VALUE IS	0.01394 AT (	432081.39,	3720459.96,	95.43,
	100.93, 0.00) DC				
	4TH HIGHEST VALUE IS	0.01250 AT (	432046.42,	3720409.11,	94.03,
	111.43, 0.00) DC				
	5TH HIGHEST VALUE IS	0.01105 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
	6TH HIGHEST VALUE IS	0.01054 AT (	432108.76,	3720473.97,	93.38,
	100.99, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00994 AT (	431845.13,	3720523.74,	102.72,
	125.73, 0.00) DC				
	8TH HIGHEST VALUE IS	0.00835 AT (	431848.44,	3720506.30,	102.31,
	125.73, 0.00) DC				
	9TH HIGHEST VALUE IS	0.00789 AT (	431828.48,	3720830.29,	96.22,
	114.81, 0.00) DC				
	10TH HIGHEST VALUE IS	0.00721 AT (	431852.07,	3720489.04,	101.72,
	126.84, 0.00) DC				

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT 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 2 Warning Message(s)

A Total of 471 Informational Message(s)
A Total of 43824 Hours Were Processed
A Total of 92 Calm Hours Identified
A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W186 2929 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2929 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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APPENDIX 2.4:

AERMOD MODEL OUTPUT – OPERATION

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/28/2025
** File: C:\Users\Michael Tirohn\Desktop\HRAs\16380 Terravita\16380 Ops HRA\16380 Ops HRA.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 3135755 County_of_Orange
  POLLUTID OTHER
  RUNORNOT RUN
  ERRORFIL "16380 Ops HRA.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1      VOLUME      431744.348    3720778.946    108.580
LOCATION VOL2      VOLUME      431744.151    3720719.793    110.190
LOCATION VOL3      VOLUME      431804.263    3720766.504    107.220
LOCATION VOL4      VOLUME      431777.461    3720706.392    110.210
LOCATION VOL5      VOLUME      431838.722    3720705.627    105.240
LOCATION VOL6      VOLUME      431871.266    3720796.369     98.590
LOCATION VOL7      VOLUME      431859.014    3720765.355    106.310
LOCATION VOL8      VOLUME      431919.509    3720735.491     97.360
LOCATION VOL9      VOLUME      431859.397    3720645.515    105.340
LOCATION VOL10     VOLUME      431899.599    3720704.861    103.630
LOCATION VOL11     VOLUME      431793.159    3720683.037    110.180
LOCATION VOL12     VOLUME      431854.803    3720601.867    105.740
LOCATION VOL13     VOLUME      431870.501    3720581.957    104.710
LOCATION VOL14     VOLUME      431888.879    3720564.728    103.860
LOCATION VOL15     VOLUME      431907.640    3720544.818    102.020
LOCATION VOL16     VOLUME      431922.189    3720525.291    101.430
LOCATION VOL17     VOLUME      431942.864    3720464.414     99.890
LOCATION VOL18     VOLUME      431957.797    3720425.360    100.120
LOCATION VOL19     VOLUME      431990.724    3720422.680     98.630
LOCATION VOL20     VOLUME      432002.593    3720463.265     99.380
LOCATION VOL21     VOLUME      432015.994    3720477.431     99.640
LOCATION VOL22     VOLUME      431919.892    3720645.898    104.670
LOCATION VOL23     VOLUME      431921.040    3720591.912    103.940
LOCATION VOL24     VOLUME      431983.832    3720524.908    100.820
LOCATION VOL25     VOLUME      432044.710    3720537.543    100.960
LOCATION VOL26     VOLUME      432027.863    3720489.301     99.940
LOCATION VOL27     VOLUME      432045.476    3720508.062    100.610
LOCATION VOL28     VOLUME      431968.517    3720585.020    102.900
LOCATION VOL29     VOLUME      432027.480    3720584.254    101.960
LOCATION VOL30     VOLUME      432076.106    3720526.440     99.380

```

LOCATION	VOL31	VOLUME	432060.791	3720567.408	97.100
LOCATION	VOL32	VOLUME	432014.463	3720645.515	94.540
LOCATION	VOL33	VOLUME	431960.860	3720706.392	92.350
LOCATION	VOL34	VOLUME	431980.904	3720645.898	102.310

** Source Parameters **

SRCPARAM	VOL1	1.0	5.000	13.891	1.400
SRCPARAM	VOL2	1.0	5.000	13.891	1.400
SRCPARAM	VOL3	1.0	5.000	13.891	1.400
SRCPARAM	VOL4	1.0	5.000	13.891	1.400
SRCPARAM	VOL5	1.0	5.000	13.891	1.400
SRCPARAM	VOL6	1.0	5.000	13.891	1.400
SRCPARAM	VOL7	1.0	5.000	13.891	1.400
SRCPARAM	VOL8	1.0	5.000	13.891	1.400
SRCPARAM	VOL9	1.0	5.000	13.891	1.400
SRCPARAM	VOL10	1.0	5.000	13.891	1.400
SRCPARAM	VOL11	1.0	5.000	13.891	1.400
SRCPARAM	VOL12	1.0	5.000	13.891	1.400
SRCPARAM	VOL13	1.0	5.000	13.891	1.400
SRCPARAM	VOL14	1.0	5.000	13.891	1.400
SRCPARAM	VOL15	1.0	5.000	13.891	1.400
SRCPARAM	VOL16	1.0	5.000	13.891	1.400
SRCPARAM	VOL17	1.0	5.000	13.891	1.400
SRCPARAM	VOL18	1.0	5.000	13.891	1.400
SRCPARAM	VOL19	1.0	5.000	13.891	1.400
SRCPARAM	VOL20	1.0	5.000	13.891	1.400
SRCPARAM	VOL21	1.0	5.000	13.891	1.400
SRCPARAM	VOL22	1.0	5.000	13.891	1.400
SRCPARAM	VOL23	1.0	5.000	13.891	1.400
SRCPARAM	VOL24	1.0	5.000	13.891	1.400
SRCPARAM	VOL25	1.0	5.000	13.891	1.400
SRCPARAM	VOL26	1.0	5.000	13.891	1.400
SRCPARAM	VOL27	1.0	5.000	13.891	1.400
SRCPARAM	VOL28	1.0	5.000	13.891	1.400
SRCPARAM	VOL29	1.0	5.000	13.891	1.400
SRCPARAM	VOL30	1.0	5.000	13.891	1.400
SRCPARAM	VOL31	1.0	5.000	13.891	1.400
SRCPARAM	VOL32	1.0	5.000	13.891	1.400
SRCPARAM	VOL33	1.0	5.000	13.891	1.400
SRCPARAM	VOL34	1.0	5.000	13.891	1.400

URBANSRC ALL

SRCGROUP	VOL1	VOL1
SRCGROUP	VOL10	VOL10
SRCGROUP	VOL11	VOL11
SRCGROUP	VOL12	VOL12
SRCGROUP	VOL13	VOL13
SRCGROUP	VOL14	VOL14
SRCGROUP	VOL15	VOL15
SRCGROUP	VOL16	VOL16
SRCGROUP	VOL17	VOL17
SRCGROUP	VOL18	VOL18
SRCGROUP	VOL19	VOL19
SRCGROUP	VOL2	VOL2
SRCGROUP	VOL20	VOL20
SRCGROUP	VOL21	VOL21
SRCGROUP	VOL22	VOL22
SRCGROUP	VOL23	VOL23
SRCGROUP	VOL24	VOL24
SRCGROUP	VOL25	VOL25
SRCGROUP	VOL26	VOL26
SRCGROUP	VOL27	VOL27
SRCGROUP	VOL28	VOL28
SRCGROUP	VOL29	VOL29
SRCGROUP	VOL3	VOL3
SRCGROUP	VOL30	VOL30
SRCGROUP	VOL31	VOL31
SRCGROUP	VOL32	VOL32

```

SRCGROUP VOL33      VOL33
SRCGROUP VOL34      VOL34
SRCGROUP VOL4       VOL4
SRCGROUP VOL5       VOL5
SRCGROUP VOL6       VOL6
SRCGROUP VOL7       VOL7
SRCGROUP VOL8       VOL8
SRCGROUP VOL9       VOL9
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED "16380 Ops HRA.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE MSVJ_V11_trimmed.sfc
    PROFFILE MSVJ_V11_trimmed.pfl
    SURFDATA 93184 2017
    UAIRDATA 3190 2017
    SITEDATA 60592022 2017
    PROFBASE 168.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST
    RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "16380 OPS HRA.AD\01H1GALL.PLT" 31
PLOTFILE 1 VOL1 1ST "16380 OPS HRA.AD\01H1G001.PLT" 32
PLOTFILE 1 VOL10 1ST "16380 OPS HRA.AD\01H1G002.PLT" 33
PLOTFILE 1 VOL11 1ST "16380 OPS HRA.AD\01H1G003.PLT" 34
PLOTFILE 1 VOL12 1ST "16380 OPS HRA.AD\01H1G004.PLT" 35
PLOTFILE 1 VOL13 1ST "16380 OPS HRA.AD\01H1G005.PLT" 36
PLOTFILE 1 VOL14 1ST "16380 OPS HRA.AD\01H1G006.PLT" 37
PLOTFILE 1 VOL15 1ST "16380 OPS HRA.AD\01H1G007.PLT" 38
PLOTFILE 1 VOL16 1ST "16380 OPS HRA.AD\01H1G008.PLT" 39
PLOTFILE 1 VOL17 1ST "16380 OPS HRA.AD\01H1G009.PLT" 40
PLOTFILE 1 VOL18 1ST "16380 OPS HRA.AD\01H1G010.PLT" 41
PLOTFILE 1 VOL19 1ST "16380 OPS HRA.AD\01H1G011.PLT" 42
PLOTFILE 1 VOL2 1ST "16380 OPS HRA.AD\01H1G012.PLT" 43
PLOTFILE 1 VOL20 1ST "16380 OPS HRA.AD\01H1G013.PLT" 44
PLOTFILE 1 VOL21 1ST "16380 OPS HRA.AD\01H1G014.PLT" 45
PLOTFILE 1 VOL22 1ST "16380 OPS HRA.AD\01H1G015.PLT" 46
PLOTFILE 1 VOL23 1ST "16380 OPS HRA.AD\01H1G016.PLT" 47
PLOTFILE 1 VOL24 1ST "16380 OPS HRA.AD\01H1G017.PLT" 48
PLOTFILE 1 VOL25 1ST "16380 OPS HRA.AD\01H1G018.PLT" 49
PLOTFILE 1 VOL26 1ST "16380 OPS HRA.AD\01H1G019.PLT" 50
PLOTFILE 1 VOL27 1ST "16380 OPS HRA.AD\01H1G020.PLT" 51
PLOTFILE 1 VOL28 1ST "16380 OPS HRA.AD\01H1G021.PLT" 52
PLOTFILE 1 VOL29 1ST "16380 OPS HRA.AD\01H1G022.PLT" 53

```

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PLOTFILE 1 VOL3 1ST "16380 OPS HRA.AD\01H1G023.PLT" 54
PLOTFILE 1 VOL30 1ST "16380 OPS HRA.AD\01H1G024.PLT" 55
PLOTFILE 1 VOL31 1ST "16380 OPS HRA.AD\01H1G025.PLT" 56
PLOTFILE 1 VOL32 1ST "16380 OPS HRA.AD\01H1G026.PLT" 57
PLOTFILE 1 VOL33 1ST "16380 OPS HRA.AD\01H1G027.PLT" 58
PLOTFILE 1 VOL34 1ST "16380 OPS HRA.AD\01H1G028.PLT" 59
PLOTFILE 1 VOL4 1ST "16380 OPS HRA.AD\01H1G029.PLT" 60
PLOTFILE 1 VOL5 1ST "16380 OPS HRA.AD\01H1G030.PLT" 61
PLOTFILE 1 VOL6 1ST "16380 OPS HRA.AD\01H1G031.PLT" 62
PLOTFILE 1 VOL7 1ST "16380 OPS HRA.AD\01H1G032.PLT" 63
PLOTFILE 1 VOL8 1ST "16380 OPS HRA.AD\01H1G033.PLT" 64
PLOTFILE 1 VOL9 1ST "16380 OPS HRA.AD\01H1G034.PLT" 65
PLOTFILE PERIOD ALL "16380 OPS HRA.AD\PE00GALL.PLT" 66
PLOTFILE PERIOD VOL1 "16380 OPS HRA.AD\PE00G001.PLT" 67
PLOTFILE PERIOD VOL10 "16380 OPS HRA.AD\PE00G002.PLT" 68
PLOTFILE PERIOD VOL11 "16380 OPS HRA.AD\PE00G003.PLT" 69
PLOTFILE PERIOD VOL12 "16380 OPS HRA.AD\PE00G004.PLT" 70
PLOTFILE PERIOD VOL13 "16380 OPS HRA.AD\PE00G005.PLT" 71
PLOTFILE PERIOD VOL14 "16380 OPS HRA.AD\PE00G006.PLT" 72
PLOTFILE PERIOD VOL15 "16380 OPS HRA.AD\PE00G007.PLT" 73
PLOTFILE PERIOD VOL16 "16380 OPS HRA.AD\PE00G008.PLT" 74
PLOTFILE PERIOD VOL17 "16380 OPS HRA.AD\PE00G009.PLT" 75
PLOTFILE PERIOD VOL18 "16380 OPS HRA.AD\PE00G010.PLT" 76
PLOTFILE PERIOD VOL19 "16380 OPS HRA.AD\PE00G011.PLT" 77
PLOTFILE PERIOD VOL2 "16380 OPS HRA.AD\PE00G012.PLT" 78
PLOTFILE PERIOD VOL20 "16380 OPS HRA.AD\PE00G013.PLT" 79
PLOTFILE PERIOD VOL21 "16380 OPS HRA.AD\PE00G014.PLT" 80
PLOTFILE PERIOD VOL22 "16380 OPS HRA.AD\PE00G015.PLT" 81
PLOTFILE PERIOD VOL23 "16380 OPS HRA.AD\PE00G016.PLT" 82
PLOTFILE PERIOD VOL24 "16380 OPS HRA.AD\PE00G017.PLT" 83
PLOTFILE PERIOD VOL25 "16380 OPS HRA.AD\PE00G018.PLT" 84
PLOTFILE PERIOD VOL26 "16380 OPS HRA.AD\PE00G019.PLT" 85
PLOTFILE PERIOD VOL27 "16380 OPS HRA.AD\PE00G020.PLT" 86
PLOTFILE PERIOD VOL28 "16380 OPS HRA.AD\PE00G021.PLT" 87
PLOTFILE PERIOD VOL29 "16380 OPS HRA.AD\PE00G022.PLT" 88
PLOTFILE PERIOD VOL3 "16380 OPS HRA.AD\PE00G023.PLT" 89
PLOTFILE PERIOD VOL30 "16380 OPS HRA.AD\PE00G024.PLT" 90
PLOTFILE PERIOD VOL31 "16380 OPS HRA.AD\PE00G025.PLT" 91
PLOTFILE PERIOD VOL32 "16380 OPS HRA.AD\PE00G026.PLT" 92
PLOTFILE PERIOD VOL33 "16380 OPS HRA.AD\PE00G027.PLT" 93
PLOTFILE PERIOD VOL34 "16380 OPS HRA.AD\PE00G028.PLT" 94
PLOTFILE PERIOD VOL4 "16380 OPS HRA.AD\PE00G029.PLT" 95
PLOTFILE PERIOD VOL5 "16380 OPS HRA.AD\PE00G030.PLT" 96
PLOTFILE PERIOD VOL6 "16380 OPS HRA.AD\PE00G031.PLT" 97
PLOTFILE PERIOD VOL7 "16380 OPS HRA.AD\PE00G032.PLT" 98
PLOTFILE PERIOD VOL8 "16380 OPS HRA.AD\PE00G033.PLT" 99
PLOTFILE PERIOD VOL9 "16380 OPS HRA.AD\PE00G034.PLT" 100
SUMMFILE "16380 Ops HRA.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 164 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used

0.50

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
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*** AERMET - VERSION 22112 ***
*** 09:50:38

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT 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 34 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 34 Source(s); 35 Source Group(s); and 97 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 34 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: 22112

**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) =    168.00 ;  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 = 3.7 MB of RAM.**

```
**Input Runstream File:
```

```
**Output Print File:
```

**Detailed Error/Message File: 16380 Ops

HRA.err

****File for Summary of Results: 16380 Ops**

HRA.sum

```

FF *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
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*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** VOLUME SOURCE DATA ***

		NUMBER	EMISSION RATE		BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION RATE					
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY						
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY						

VOL1	0	0.10000E+01	431744.3	3720778.9	108.6	5.00	13.89	1.40
YES		NO						
VOL2	0	0.10000E+01	431744.2	3720719.8	110.2	5.00	13.89	1.40
YES		NO						
VOL3	0	0.10000E+01	431804.3	3720766.5	107.2	5.00	13.89	1.40
YES		NO						
VOL4	0	0.10000E+01	431777.5	3720706.4	110.2	5.00	13.89	1.40
YES		NO						
VOL5	0	0.10000E+01	431838.7	3720705.6	105.2	5.00	13.89	1.40
YES		NO						
VOL6	0	0.10000E+01	431871.3	3720796.4	98.6	5.00	13.89	1.40
YES		NO						
VOL7	0	0.10000E+01	431859.0	3720765.4	106.3	5.00	13.89	1.40
YES		NO						
VOL8	0	0.10000E+01	431919.5	3720735.5	97.4	5.00	13.89	1.40
YES		NO						
VOL9	0	0.10000E+01	431859.4	3720645.5	105.3	5.00	13.89	1.40
YES		NO						
VOL10	0	0.10000E+01	431899.6	3720704.9	103.6	5.00	13.89	1.40
YES		NO						
VOL11	0	0.10000E+01	431793.2	3720683.0	110.2	5.00	13.89	1.40
YES		NO						
VOL12	0	0.10000E+01	431854.8	3720601.9	105.7	5.00	13.89	1.40
YES		NO						

VOL13	0	0.10000E+01	431870.5	3720582.0	104.7	5.00	13.89	1.40
YES		NO						
VOL14	0	0.10000E+01	431888.9	3720564.7	103.9	5.00	13.89	1.40
YES		NO						
VOL15	0	0.10000E+01	431907.6	3720544.8	102.0	5.00	13.89	1.40
YES		NO						
VOL16	0	0.10000E+01	431922.2	3720525.3	101.4	5.00	13.89	1.40
YES		NO						
VOL17	0	0.10000E+01	431942.9	3720464.4	99.9	5.00	13.89	1.40
YES		NO						
VOL18	0	0.10000E+01	431957.8	3720425.4	100.1	5.00	13.89	1.40
YES		NO						
VOL19	0	0.10000E+01	431990.7	3720422.7	98.6	5.00	13.89	1.40
YES		NO						
VOL20	0	0.10000E+01	432002.6	3720463.3	99.4	5.00	13.89	1.40
YES		NO						
VOL21	0	0.10000E+01	432016.0	3720477.4	99.6	5.00	13.89	1.40
YES		NO						
VOL22	0	0.10000E+01	431919.9	3720645.9	104.7	5.00	13.89	1.40
YES		NO						
VOL23	0	0.10000E+01	431921.0	3720591.9	103.9	5.00	13.89	1.40
YES		NO						
VOL24	0	0.10000E+01	431983.8	3720524.9	100.8	5.00	13.89	1.40
YES		NO						
VOL25	0	0.10000E+01	432044.7	3720537.5	101.0	5.00	13.89	1.40
YES		NO						
VOL26	0	0.10000E+01	432027.9	3720489.3	99.9	5.00	13.89	1.40
YES		NO						
VOL27	0	0.10000E+01	432045.5	3720508.1	100.6	5.00	13.89	1.40
YES		NO						
VOL28	0	0.10000E+01	431968.5	3720585.0	102.9	5.00	13.89	1.40
YES		NO						
VOL29	0	0.10000E+01	432027.5	3720584.3	102.0	5.00	13.89	1.40
YES		NO						
VOL30	0	0.10000E+01	432076.1	3720526.4	99.4	5.00	13.89	1.40
YES		NO						
VOL31	0	0.10000E+01	432060.8	3720567.4	97.1	5.00	13.89	1.40
YES		NO						
VOL32	0	0.10000E+01	432014.5	3720645.5	94.5	5.00	13.89	1.40
YES		NO						
VOL33	0	0.10000E+01	431960.9	3720706.4	92.3	5.00	13.89	1.40
YES		NO						
VOL34	0	0.10000E+01	431980.9	3720645.9	102.3	5.00	13.89	1.40
YES		NO						

```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID		SOURCE IDs
-----		-----
VOL1	VOL1	,
VOL10	VOL10	,
VOL11	VOL11	,
VOL12	VOL12	,

VOL13	VOL13	,
VOL14	VOL14	,
VOL15	VOL15	,
VOL16	VOL16	,
VOL17	VOL17	,
VOL18	VOL18	,
VOL19	VOL19	,
VOL2	VOL2	,
VOL20	VOL20	,
VOL21	VOL21	,
VOL22	VOL22	,
VOL23	VOL23	,
VOL24	VOL24	,
VOL25	VOL25	,
VOL26	VOL26	,
VOL27	VOL27	,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

VOL28	VOL28	,
VOL29	VOL29	,
VOL3	VOL3	,
VOL30	VOL30	,
VOL31	VOL31	,
VOL32	VOL32	,
VOL33	VOL33	,
VOL34	VOL34	,
VOL4	VOL4	,
VOL5	VOL5	,

VOL6	VOL6	,
VOL7	VOL7	,
VOL8	VOL8	,
VOL9	VOL9	,
ALL VOL7	VOL1 , VOL8	, VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 ,

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103.9,	126.8,	0.0);			
(432072.5,	3720450.4,	95.2,	100.9,	0.0);	(432046.4,
3720409.1,	94.0,	111.4,	0.0);		
(432081.4,	3720460.0,	95.4,	100.9,	0.0);	(432108.8,
3720474.0,	93.4,	101.0,	0.0);		
(431818.1,	3720498.9,	104.4,	126.8,	0.0);	(431824.9, 3720465.1,
105.1,	125.7,	0.0);			
(431746.9,	3720630.1,	108.4,	108.4,	0.0);	(431718.9, 3720636.9,
111.0,	111.0,	0.0);			
(431769.9,	3720571.0,	107.0,	126.8,	0.0);	(431828.5,
3720830.3,	96.2,	114.8,	0.0);		
(431795.6,	3720851.9,	97.6,	110.2,	0.0);	(431709.9, 3720687.8,
110.8,	118.8,	0.0);			
(431720.7,	3720650.8,	110.9,	112.0,	0.0);	(431690.1, 3720613.4,
113.1,	125.2,	0.0);			
(431685.5,	3720648.1,	114.0,	114.0,	0.0);	(431653.1, 3720714.9,
116.8,	116.8,	0.0);			
(431660.8,	3720740.1,	114.9,	114.9,	0.0);	(431667.1, 3720767.2,
111.5,	114.8,	0.0);			
(431672.5,	3720800.1,	108.8,	114.8,	0.0);	(431676.1, 3720826.2,
105.7,	114.8,	0.0);			
(431680.1,	3720851.9,	103.2,	114.8,	0.0);	(433382.6,
3721167.4,	93.2,	93.2,	0.0);		
(433341.1,	3721247.7,	91.2,	91.2,	0.0);	(433323.1,
3721251.3,	91.2,	91.2,	0.0);		
(432993.0,	3721124.6,	86.1,	95.7,	0.0);	(432819.8,
3721275.6,	85.5,	85.5,	0.0);		
(432735.5,	3721287.8,	84.4,	84.4,	0.0);	(432701.7,
3721285.6,	83.2,	83.2,	0.0);		
(432888.8,	3721184.5,	86.9,	86.9,	0.0);	(432798.6,
3721183.2,	84.5,	84.5,	0.0);		
(432741.4,	3721201.7,	83.7,	83.7,	0.0);	(432669.7,
3721211.6,	82.8,	82.8,	0.0);		
(432802.7,	3721413.2,	86.1,	86.1,	0.0);	(432674.6,
3721290.5,	83.1,	83.1,	0.0);		
(432613.3,	3721308.1,	82.2,	82.2,	0.0);	(432550.6,
3721318.9,	82.6,	82.6,	0.0);		
(432615.1,	3721232.8,	82.0,	82.0,	0.0);	(432534.8,
3721218.8,	81.0,	81.0,	0.0);		
(432382.0,	3721246.8,	81.1,	81.1,	0.0);	(432414.0,
3721344.2,	82.8,	82.8,	0.0);		
(432490.2,	3721330.6,	81.6,	81.6,	0.0);	(432375.6,
3721348.2,	83.8,	83.8,	0.0);		
(432365.7,	3721270.2,	81.3,	81.3,	0.0);	(432314.8,
3721271.1,	80.8,	80.8,	0.0);		
(432246.7,	3721271.1,	79.6,	79.6,	0.0);	(432302.6,
3721208.4,	80.2,	80.2,	0.0);		
(432234.0,	3721217.0,	79.3,	79.3,	0.0);	(432247.1,
3721360.0,	83.1,	83.1,	0.0);		
(432356.7,	3721352.8,	84.2,	84.2,	0.0);	(432289.1,
3721101.1,	79.0,	79.0,	0.0);		
(432217.8,	3721121.9,	78.9,	78.9,	0.0);	(432214.7,
3721047.4,	77.7,	77.7,	0.0);		
(432280.0,	3721039.8,	80.5,	80.5,	0.0);	(432195.3,
3720984.3,	79.8,	79.8,	0.0);		
(432188.0,	3720943.7,	80.2,	88.0,	0.0);	(432244.0,
3720808.9,	84.3,	85.5,	0.0);		
(432150.6,	3720733.1,	88.8,	88.8,	0.0);	(432249.8,
3720693.0,	88.1,	88.1,	0.0);		
(432207.0,	3720559.1,	88.1,	88.1,	0.0);	(432232.7,
3720348.5,	91.2,	115.5,	0.0);		
(432180.4,	3720350.7,	90.9,	115.5,	0.0);	(432183.1,
3720281.3,	93.2,	115.5,	0.0);		
(432236.8,	3720646.5,	88.0,	88.0,	0.0);	(432042.8,
3720348.5,	99.4,	111.4,	0.0);		
(431941.4,	3720348.5,	108.7,	111.4,	0.0);	(431888.6, 3720357.5,

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[illegible]

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,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:

MSVJ_V11_trimmed.sfc

Met

Version: 22112

Profile file:

MSVJ_V11_trimmed.pfl

Surface format:

FREE

Profile format:

FREE

Surface station no.: 93184

Upper air station no.: 3190

Name: UNKNOWN

Name:

UNKNOWN

Year: 2017

Year: 2017

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										
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20	1.00	0.86		
69.					10.0	280.0	9.0										
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20	1.00	0.90		
61.					10.0	279.7	9.0										
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20	1.00	1.34		
69.					10.0	280.4	9.0										
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20	1.00	0.80		
67.					10.0	279.9	9.0										
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20	1.00	0.86		
113.					10.0	279.8	9.0										
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20	1.00	1.26		
92.					10.0	279.9	9.0										
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20	1.00	1.14		
86.					10.0	279.8	9.0										
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20	0.53	1.00		
98.					10.0	280.2	9.0										
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20	0.31	1.12		
106.					10.0	283.2	9.0										
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20	0.24	1.45		
159.					10.0	285.0	9.0										
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20	0.21	2.23		
183.					10.0	285.5	9.0										
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20	0.20	1.83		

First hour of profile data

F indicates top of profile (=1) or below (=0)

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	37.38940	431839.58	
3720538.42	16.21979			
431848.44	3720506.30	13.10730	431808.02	
3720544.24	17.85117			
432072.45	3720450.37	5.79488	432046.42	
3720409.11	5.55845			
432081.39	3720459.96	5.78360	432108.76	
3720473.97	5.46705			
431818.11	3720498.90	13.18649	431824.87	
3720465.08	10.85416			
431746.87	3720630.10	41.65408	431718.91	
3720636.87	42.79450			

431769.86	3720571.04	22.97340	431828.48
3720830.29	75.29541		
431795.56	3720851.94	93.68428	431709.90
3720687.81	84.70681		
431720.72	3720650.84	51.31622	431690.06
3720613.42	30.19607		
431685.55	3720648.14	40.07890	431653.09
3720714.87	58.85638		
431660.75	3720740.12	82.22736	431667.06
3720767.17	120.59057		
431672.47	3720800.08	132.92490	431676.08
3720826.23	108.13327		
431680.14	3720851.94	80.36507	433382.64
3721167.41	0.62904		
433341.15	3721247.68	0.64158	433323.12
3721251.28	0.65226		
432993.01	3721124.56	0.96243	432819.84
3721275.64	1.12790		
432735.51	3721287.81	1.25128	432701.69
3721285.56	1.30987		
432888.84	3721184.54	1.07688	432798.65
3721183.19	1.21148		
432741.38	3721201.68	1.29967	432669.67
3721211.60	1.43357		
432802.71	3721413.18	1.06864	432674.64
3721290.52	1.35628		
432613.30	3721308.11	1.46074	432550.62
3721318.93	1.59063		
432615.11	3721232.79	1.53472	432534.84
3721218.82	1.75894		
432381.96	3721246.77	2.23627	432413.98
3721344.18	1.91556		
432490.19	3721330.65	1.72121	432375.65
3721348.24	2.02942		
432365.73	3721270.22	2.24406	432314.77
3721271.13	2.44959		
432246.67	3721271.13	2.76007	432302.59
3721208.44	2.70938		
432234.05	3721217.01	3.06347	432247.12
3721359.97	2.43705		
432356.71	3721352.75	2.08106	432289.06
3721101.11	3.15613		
432217.81	3721121.86	3.64600	432214.66
3721047.45	4.04142		
432280.04	3721039.78	3.46454	432195.26
3720984.32	4.65332		
432188.05	3720943.73	4.97883	432243.97
3720808.89	4.53800		
432150.62	3720733.13	6.46136	432249.83
3720693.00	4.43525		
432206.99	3720559.06	4.54335	432232.69
3720348.46	3.20457		
432180.38	3720350.72	3.58957	432183.09
3720281.27	3.17264		
432236.75	3720646.55	4.49532	432042.84
3720348.46	4.83913		
431941.37	3720348.46	5.78229	431888.61
3720357.48	6.34266		
431923.34	3720345.30	5.84577	431907.10
3720352.52	6.11205		
431851.18	3720360.64	6.61502	431852.21
3720441.91	9.32987		
431852.07	3720489.04	11.82070	431845.13
3720523.74	14.62187		
431823.30	3720473.86	11.39406	431823.88
3720457.81	10.45800		

431793.30 3720942.34 30.95994 431690.56
3720987.19 19.08456

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL1 ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	34.70401	432011.44	
3720873.33	11.92621			
432052.07	3720849.95	9.90297	432084.66	
3720824.64	8.58176			
432095.01	3720762.16	8.27563	432127.98	
3720889.43	6.79229			
432095.77	3720936.20	7.20618	431860.12	
3720941.68	22.01254			
431774.93	3721018.65	15.72922	431864.43	
3720908.43	26.74994			
431846.93	3720964.64	20.23888	431144.82	
3719945.78	1.45669			
431157.20	3719933.07	1.43192	431994.43	
3719146.82	0.40279			
431999.70	3719120.50	0.39182	434516.47	
3720617.48	0.25058			
434406.06	3720633.41			
0.27788				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL10 ***
INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	77.38929	431839.58	
3720538.42	29.75843			
431848.44	3720506.30	23.00211	431808.02	

3720544.24	27.44343		
432072.45	3720450.37	12.04865	432046.42
3720409.11	10.56824		
432081.39	3720459.96	12.22938	432108.76
3720473.97	11.62059		
431818.11	3720498.90	20.04356	431824.87
3720465.08	16.09616		
431746.87	3720630.10	30.88608	431718.91
3720636.87	23.74561		
431769.86	3720571.04	26.68697	431828.48
3720830.29	40.70681		
431795.56	3720851.94	27.99217	431709.90
3720687.81	24.14144		
431720.72	3720650.84	25.01023	431690.06
3720613.42	18.10119		
431685.55	3720648.14	18.83441	431653.09
3720714.87	15.43541		
431660.75	3720740.12	16.13942	431667.06
3720767.17	16.44874		
431672.47	3720800.08	16.00285	431676.08
3720826.23	15.48064		
431680.14	3720851.94	14.57082	433382.64
3721167.41	0.72353		
433341.15	3721247.68	0.73529	433323.12
3721251.28	0.74815		
432993.01	3721124.56	1.15275	432819.84
3721275.64	1.33923		
432735.51	3721287.81	1.49034	432701.69
3721285.56	1.56412		
432888.84	3721184.54	1.29218	432798.65
3721183.19	1.46875		
432741.38	3721201.68	1.57900	432669.67
3721211.60	1.74954		
432802.71	3721413.18	1.23551	432674.64
3721290.52	1.61953		
432613.30	3721308.11	1.73856	432550.62
3721318.93	1.88528		
432615.11	3721232.79	1.86933	432534.84
3721218.82	2.16196		
432381.96	3721246.77	2.69966	432413.98
3721344.18	2.22097		
432490.19	3721330.65	2.02499	432375.65
3721348.24	2.33211		
432365.73	3721270.22	2.66974	432314.77
3721271.13	2.88076		
432246.67	3721271.13	3.17253	432302.59
3721208.44	3.29818		
432234.05	3721217.01	3.62657	432247.12
3721359.97	2.67752		
432356.71	3721352.75	2.37673	432289.06
3721101.11	4.15173		
432217.81	3721121.86	4.63988	432214.66
3721047.45	5.55965		
432280.04	3721039.78	4.81308	432195.26
3720984.32	6.93880		
432188.05	3720943.73	7.88888	432243.97
3720808.89	8.14009		
432150.62	3720733.13	14.85732	432249.83
3720693.00	8.52631		
432206.99	3720559.06	9.22399	432232.69
3720348.46	5.36529		
432180.38	3720350.72	6.14572	432183.09
3720281.27	5.05662		
432236.75	3720646.55	8.89504	432042.84
3720348.46	8.21648		
431941.37	3720348.46	8.74539	431888.61

3720357.48	9.22743		
431923.34	3720345.30	8.39765	431907.10
3720352.52	9.05130		
431851.18	3720360.64	8.73207	431852.21
3720441.91	14.52470		
431852.07	3720489.04	20.17333	431845.13
3720523.74	26.48990		
431823.30	3720473.86	17.01253	431823.88
3720457.81	15.31634		
431793.30	3720942.34	14.59418	431690.56
3720987.19	8.55048		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL10 ***
INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	11.10627	432011.44	
3720873.33	23.47219			
432052.07	3720849.95	21.59877	432084.66	
3720824.64	19.48870			
432095.01	3720762.16	21.48076	432127.98	
3720889.43	12.35243			
432095.77	3720936.20	11.77365	431860.12	
3720941.68	15.84375			
431774.93	3721018.65	8.78139	431864.43	
3720908.43	20.44095			
431846.93	3720964.64	13.51647	431144.82	
3719945.78	1.43375			
431157.20	3719933.07	1.43545	431994.43	
3719146.82	0.38031			
431999.70	3719120.50	0.36987	434516.47	
3720617.48	0.24485			
434406.06	3720633.41			
0.27427				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL11 ***
INCLUDING SOURCE(S): VOL11 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN

		MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD	
(M)	CONC				

431824.47	3720637.57	234.40938	431839.58		
3720538.42	39.78091				
431848.44	3720506.30	28.15740	431808.02		
3720544.24	45.17263				
432072.45	3720450.37	8.60057	432046.42		
3720409.11	8.32083				
432081.39	3720459.96	8.52398	432108.76		
3720473.97	7.82359				
431818.11	3720498.90	27.82116	431824.87		
3720465.08	20.81952				
431746.87	3720630.10	147.11510	431718.91		
3720636.87	101.42400				
431769.86	3720571.04	63.66377	431828.48		
3720830.29	38.37643				
431795.56	3720851.94	31.60889	431709.90		
3720687.81	109.64100				
431720.72	3720650.84	120.39205	431690.06		
3720613.42	53.85395				
431685.55	3720648.14	62.91628	431653.09		
3720714.87	39.27701				
431660.75	3720740.12	41.08648	431667.06		
3720767.17	38.36817				
431672.47	3720800.08	32.15418	431676.08		
3720826.23	26.94255				
431680.14	3720851.94	22.64739	433382.64		
3721167.41	0.64378				
433341.15	3721247.68	0.65352	433323.12		
3721251.28	0.66421				
432993.01	3721124.56	0.98626	432819.84		
3721275.64	1.13518				
432735.51	3721287.81	1.25250	432701.69		
3721285.56	1.30865				
432888.84	3721184.54	1.09584	432798.65		
3721183.19	1.22988				
432741.38	3721201.68	1.31384	432669.67		
3721211.60	1.44216				
432802.71	3721413.18	1.06140	432674.64		
3721290.52	1.35169				
432613.30	3721308.11	1.44512	432550.62		
3721318.93	1.56064				
432615.11	3721232.79	1.53372	432534.84		
3721218.82	1.74838				
432381.96	3721246.77	2.15949	432413.98		
3721344.18	1.83241				
432490.19	3721330.65	1.67195	432375.65		
3721348.24	1.92461				
432365.73	3721270.22	2.14975	432314.77		
3721271.13	2.31632				
432246.67	3721271.13	2.55572	432302.59		
3721208.44	2.58630				
432234.05	3721217.01	2.85369	432247.12		
3721359.97	2.23017				
432356.71	3721352.75	1.96386	432289.06		
3721101.11	3.09302				
432217.81	3721121.86	3.46600	432214.66		
3721047.45	3.95293				
432280.04	3721039.78	3.46285	432195.26		
3720984.32	4.66790				
432188.05	3720943.73	5.10823	432243.97		
3720808.89	5.08908				

432150.62	3720733.13	7.89861	432249.83
3720693.00	5.31978		
432206.99	3720559.06	5.88649	432232.69
3720348.46	4.15441		
432180.38	3720350.72	4.78539	432183.09
3720281.27	4.18166		
432236.75	3720646.55	5.54648	432042.84
3720348.46	7.08739		
431941.37	3720348.46	9.01050	431888.61
3720357.48	10.09849		
431923.34	3720345.30	9.14335	431907.10
3720352.52	9.65288		
431851.18	3720360.64	10.58107	431852.21
3720441.91	16.90890		
431852.07	3720489.04	23.99780	431845.13
3720523.74	33.53921		
431823.30	3720473.86	22.35716	431823.88
3720457.81	19.69285		
431793.30	3720942.34	14.81293	431690.56
3720987.19	9.73117		

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*** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL11 ***
INCLUDING SOURCE(S): VOL11 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	14.19938	432011.44	
3720873.33	12.05590			
432052.07	3720849.95	10.69559	432084.66	
3720824.64	9.66796			
432095.01	3720762.16	10.08897	432127.98	
3720889.43	7.16125			
432095.77	3720936.20	7.16797	431860.12	
3720941.68	13.61051			
431774.93	3721018.65	8.87363	431864.43	
3720908.43	16.80615			
431846.93	3720964.64	12.12615	431144.82	
3719945.78	1.56689			
431157.20	3719933.07	1.56326	431994.43	
3719146.82	0.44556			
431999.70	3719120.50	0.43270	434516.47	
3720617.48	0.26751			
434406.06	3720633.41			
0.30609				

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*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL12 ***
INCLUDING SOURCE(S): VOL12 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	303.18295	431839.58	
3720538.42	169.64123			
431848.44	3720506.30	87.65719	431808.02	
3720544.24	133.93928			
432072.45	3720450.37	14.83694	432046.42	
3720409.11	14.46810			
432081.39	3720459.96	14.54126	432108.76	
3720473.97	12.75634			
431818.11	3720498.90	69.38623	431824.87	
3720465.08	45.32623			
431746.87	3720630.10	64.82783	431718.91	
3720636.87	41.42709			
431769.86	3720571.04	94.95154	431828.48	
3720830.29	18.94466			
431795.56	3720851.94	15.53169	431709.90	
3720687.81	30.92824			
431720.72	3720650.84	40.49474	431690.06	
3720613.42	30.72468			
431685.55	3720648.14	27.82988	431653.09	
3720714.87	17.40228			
431660.75	3720740.12	16.95048	431667.06	
3720767.17	15.95043			
431672.47	3720800.08	14.14417	431676.08	
3720826.23	12.77357			
431680.14	3720851.94	11.46155	433382.64	
3721167.41	0.66986			
433341.15	3721247.68	0.67744	433323.12	
3721251.28	0.68841			
432993.01	3721124.56	1.03403	432819.84	
3721275.64	1.17074			
432735.51	3721287.81	1.28571	432701.69	
3721285.56	1.34154			
432888.84	3721184.54	1.14209	432798.65	
3721183.19	1.28111			
432741.38	3721201.68	1.36371	432669.67	
3721211.60	1.49061			
432802.71	3721413.18	1.07861	432674.64	
3721290.52	1.38236			
432613.30	3721308.11	1.46745	432550.62	
3721318.93	1.57177			
432615.11	3721232.79	1.57494	432534.84	
3721218.82	1.78664			
432381.96	3721246.77	2.14364	432413.98	
3721344.18	1.80200			
432490.19	3721330.65	1.66828	432375.65	
3721348.24	1.87737			
432365.73	3721270.22	2.11777	432314.77	
3721271.13	2.25449			
432246.67	3721271.13	2.44002	432302.59	
3721208.44	2.53805			
432234.05	3721217.01	2.73635	432247.12	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL12 ***
    INCLUDING SOURCE(S): VOL12 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	8.37998	432011.44	
3720873.33	11.30870			
432052.07	3720849.95	11.01775	432084.66	
3720824.64	10.66828			
432095.01	3720762.16	12.37016	432127.98	
3720889.43	7.52447			
432095.77	3720936.20	7.06056	431860.12	
3720941.68	9.13960			
431774.93	3721018.65	6.10356	431864.43	
3720908.43	10.93500			
431846.93	3720964.64	8.20656	431144.82	
3719945.78	1.64700			
431157.20	3719933.07	1.65736	431994.43	
3719146.82	0.44078			
431999.70	3719120.50	0.42782	434516.47	
3720617.48	0.25147			

434406.06 3720633.41
0.28147

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL13 ***
INCLUDING SOURCE(S): VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	141.64871	431839.58	
3720538.42	238.13612			
431848.44	3720506.30	122.32922	431808.02	
3720544.24	138.80266			
432072.45	3720450.37	17.49113	432046.42	
3720409.11	17.13981			
432081.39	3720459.96	17.05882	432108.76	
3720473.97	14.70481			
431818.11	3720498.90	83.56209	431824.87	
3720465.08	54.63907			
431746.87	3720630.10	47.70017	431718.91	
3720636.87	32.64996			
431769.86	3720571.04	76.98133	431828.48	
3720830.29	16.19260			
431795.56	3720851.94	13.39835	431709.90	
3720687.81	24.64045			
431720.72	3720650.84	31.63316	431690.06	
3720613.42	25.79924			
431685.55	3720648.14	22.97668	431653.09	
3720714.87	14.71331			
431660.75	3720740.12	14.33733	431667.06	
3720767.17	13.57129			
431672.47	3720800.08	12.09161	431676.08	
3720826.23	11.02086			
431680.14	3720851.94	10.00547	433382.64	
3721167.41	0.67627			
433341.15	3721247.68	0.68325	433323.12	
3721251.28	0.69428			
432993.01	3721124.56	1.04545	432819.84	
3721275.64	1.17816			
432735.51	3721287.81	1.29190	432701.69	
3721285.56	1.34734			
432888.84	3721184.54	1.15268	432798.65	
3721183.19	1.29242			
432741.38	3721201.68	1.37417	432669.67	
3721211.60	1.49989			
432802.71	3721413.18	1.08139	432674.64	
3721290.52	1.38734			
432613.30	3721308.11	1.46976	432550.62	
3721318.93	1.57064			
432615.11	3721232.79	1.58165	432534.84	
3721218.82	1.79111			

432381.96	3721246.77	2.13180	432413.98
3721344.18	1.78944		
432490.19	3721330.65	1.66294	432375.65
3721348.24	1.86035		
432365.73	3721270.22	2.10234	432314.77
3721271.13	2.23082		
432246.67	3721271.13	2.40217	432302.59
3721208.44	2.51463		
432234.05	3721217.01	2.69471	432247.12
3721359.97	2.07065		
432356.71	3721352.75	1.88746	432289.06
3721101.11	3.09458		
432217.81	3721121.86	3.33139	432214.66
3721047.45	3.91204		
432280.04	3721039.78	3.54287	432195.26
3720984.32	4.73190		
432188.05	3720943.73	5.30918	432243.97
3720808.89	6.06230		
432150.62	3720733.13	10.46164	432249.83
3720693.00	7.04998		
432206.99	3720559.06	9.03909	432232.69
3720348.46	6.36505		
432180.38	3720350.72	7.72736	432183.09
3720281.27	6.53189		
432236.75	3720646.55	7.72936	432042.84
3720348.46	13.46485		
431941.37	3720348.46	17.94323	431888.61
3720357.48	20.01911		
431923.34	3720345.30	17.65815	431907.10
3720352.52	19.15376		
431851.18	3720360.64	20.01489	431852.21
3720441.91	44.55854		
431852.07	3720489.04	88.75727	431845.13
3720523.74	177.31094		
431823.30	3720473.86	60.84700	431823.88
3720457.81	49.54762		
431793.30	3720942.34	8.23828	431690.56
3720987.19	5.83336		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL13 ***
      INCLUDING SOURCE(S): VOL13

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3                      **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	7.50287	432011.44	
3720873.33	10.80759			
432052.07	3720849.95	10.78341	432084.66	
3720824.64	10.65238			
432095.01	3720762.16	12.69813	432127.98	
3720889.43	7.48389			
432095.77	3720936.20	6.91510	431860.12	

3720941.68	8.31012		
431774.93	3721018.65	5.61759	431864.43
3720908.43	9.84976		
431846.93	3720964.64	7.49055	431144.82
3719945.78	1.68584		
431157.20	3719933.07	1.69963	431994.43
3719146.82	0.43994		
431999.70	3719120.50	0.42694	434516.47
3720617.48	0.24795		
434406.06	3720633.41		
0.27737			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL14 ***
INCLUDING SOURCE(S): VOL14 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN **
MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	83.37210	431839.58	
3720538.42	221.64431			
431848.44	3720506.30	145.52566	431808.02	
3720544.24	109.91545			
432072.45	3720450.37	21.10677	432046.42	
3720409.11	20.68943			
432081.39	3720459.96	20.48264	432108.76	
3720473.97	17.30264			
431818.11	3720498.90	85.44496	431824.87	
3720465.08	59.78831			
431746.87	3720630.10	35.74281	431718.91	
3720636.87	25.92815			
431769.86	3720571.04	57.49997	431828.48	
3720830.29	14.11621			
431795.56	3720851.94	11.76417	431709.90	
3720687.81	20.01171			
431720.72	3720650.84	25.07586	431690.06	
3720613.42	21.40613			
431685.55	3720648.14	18.99893	431653.09	
3720714.87	12.55964			
431660.75	3720740.12	12.26604	431667.06	
3720767.17	11.69022			
431672.47	3720800.08	10.48357	431676.08	
3720826.23	9.63500			
431680.14	3720851.94	8.83987	433382.64	
3721167.41	0.68486			
433341.15	3721247.68	0.69129	433323.12	
3721251.28	0.70244			
432993.01	3721124.56	1.06120	432819.84	
3721275.64	1.19064			
432735.51	3721287.81	1.30382	432701.69	
3721285.56	1.35921			
432888.84	3721184.54	1.16827	432798.65	

3721183.19	1.30962		
432741.38	3721201.68	1.39101	432669.67
3721211.60	1.51633		
432802.71	3721413.18	1.08855	432674.64
3721290.52	1.39863		
432613.30	3721308.11	1.47887	432550.62
3721318.93	1.57700		
432615.11	3721232.79	1.59601	432534.84
3721218.82	1.80464		
432381.96	3721246.77	2.13140	432413.98
3721344.18	1.78583		
432490.19	3721330.65	1.66567	432375.65
3721348.24	1.85277		
432365.73	3721270.22	2.09809	432314.77
3721271.13	2.21920		
432246.67	3721271.13	2.37750	432302.59
3721208.44	2.50543		
432234.05	3721217.01	2.66852	432247.12
3721359.97	2.04516		
432356.71	3721352.75	1.87758	432289.06
3721101.11	3.09843		
432217.81	3721121.86	3.30740	432214.66
3721047.45	3.90257		
432280.04	3721039.78	3.56139	432195.26
3720984.32	4.73667		
432188.05	3720943.73	5.33649	432243.97
3720808.89	6.28696		
432150.62	3720733.13	11.05272	432249.83
3720693.00	7.50717		
432206.99	3720559.06	10.01056	432232.69
3720348.46	7.04942		
432180.38	3720350.72	8.67840	432183.09
3720281.27	7.25535		
432236.75	3720646.55	8.33552	432042.84
3720348.46	15.75455		
431941.37	3720348.46	20.86049	431888.61
3720357.48	22.85371		
431923.34	3720345.30	19.95575	431907.10
3720352.52	22.01441		
431851.18	3720360.64	21.28702	431852.21
3720441.91	52.47355		
431852.07	3720489.04	108.21762	431845.13
3720523.74	195.56823		
431823.30	3720473.86	65.85044	431823.88
3720457.81	54.27617		
431793.30	3720942.34	7.49735	431690.56
3720987.19	5.36726		



*** AERMOD - VERSION 24142 ***

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*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: VOL14 ***

INCLUDING SOURCE(S): VOL14 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN

MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M)

(M) CONC

431680.98	3720921.25	6.78174	432011.44
3720873.33	10.39521		
432052.07	3720849.95	10.61836	432084.66
3720824.64	10.70546		
432095.01	3720762.16	13.12738	432127.98
3720889.43	7.49697		
432095.77	3720936.20	6.81877	431860.12
3720941.68	7.64159		
431774.93	3721018.65	5.21463	431864.43
3720908.43	8.98401		
431846.93	3720964.64	6.90981	431144.82
3719945.78	1.71022		
431157.20	3719933.07	1.72684	431994.43
3719146.82	0.43894		
431999.70	3719120.50	0.42591	434516.47
3720617.48	0.24592		
434406.06	3720633.41		
0.27519			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL15 ***
 INCLUDING SOURCE(S): VOL15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD

431824.47	3720637.57	52.76929	431839.58	
3720538.42	155.02530			
431848.44	3720506.30	148.44658	431808.02	
3720544.24	79.35021			
432072.45	3720450.37	26.57695	432046.42	
3720409.11	26.20696			
432081.39	3720459.96	25.57137	432108.76	
3720473.97	20.98775			
431818.11	3720498.90	78.15292	431824.87	
3720465.08	62.06707			
431746.87	3720630.10	26.83247	431718.91	
3720636.87	20.73203			
431769.86	3720571.04	42.90027	431828.48	
3720830.29	12.24199			
431795.56	3720851.94	10.28802	431709.90	
3720687.81	16.34046			
431720.72	3720650.84	20.03220	431690.06	
3720613.42	17.70557			
431685.55	3720648.14	15.65724	431653.09	
3720714.87	10.62901			
431660.75	3720740.12	10.43305	431667.06	
3720767.17	10.05888			
431672.47	3720800.08	9.22762	431676.08	
3720826.23	8.40392			

431680.14	3720851.94	7.78193	433382.64
3721167.41	0.69342		
433341.15	3721247.68	0.69925	433323.12
3721251.28	0.71050		
432993.01	3721124.56	1.07699	432819.84
3721275.64	1.20195		
432735.51	3721287.81	1.31404	432701.69
3721285.56	1.36920		
432888.84	3721184.54	1.18330	432798.65
3721183.19	1.32599		
432741.38	3721201.68	1.40656	432669.67
3721211.60	1.53082		
432802.71	3721413.18	1.09417	432674.64
3721290.52	1.40780		
432613.30	3721308.11	1.48532	432550.62
3721318.93	1.57996		
432615.11	3721232.79	1.60778	432534.84
3721218.82	1.81448		
432381.96	3721246.77	2.12428	432413.98
3721344.18	1.77709		
432490.19	3721330.65	1.66441	432375.65
3721348.24	1.83936		
432365.73	3721270.22	2.08706	432314.77
3721271.13	2.19974		
432246.67	3721271.13	2.34371	432302.59
3721208.44	2.48662		
432234.05	3721217.01	2.63103	432247.12
3721359.97	2.01233		
432356.71	3721352.75	1.86159	432289.06
3721101.11	3.08883		
432217.81	3721121.86	3.26654	432214.66
3721047.45	3.87064		
432280.04	3721039.78	3.56281	432195.26
3720984.32	4.70860		
432188.05	3720943.73	5.32341	432243.97
3720808.89	6.48905		
432150.62	3720733.13	11.56837	432249.83
3720693.00	7.99305		
432206.99	3720559.06	11.20111	432232.69
3720348.46	7.94133		
432180.38	3720350.72	9.95813	432183.09
3720281.27	8.21483		
432236.75	3720646.55	9.01309	432042.84
3720348.46	19.09432		
431941.37	3720348.46	24.04481	431888.61
3720357.48	25.13017		
431923.34	3720345.30	22.46056	431907.10
3720352.52	24.47603		
431851.18	3720360.64	23.23099	431852.21
3720441.91	61.61798		
431852.07	3720489.04	122.72136	431845.13
3720523.74	166.31758		
431823.30	3720473.86	66.70889	431823.88
3720457.81	56.92625		
431793.30	3720942.34	6.79577	431690.56
3720987.19	4.92937		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL15 ***

INCLUDING SOURCE(S): VOL15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	6.11483	432011.44	
3720873.33	9.83178			
432052.07	3720849.95	10.27111	432084.66	
3720824.64	10.57791			
432095.01	3720762.16	13.33365	432127.98	
3720889.43	7.42057			
432095.77	3720936.20	6.64766	431860.12	
3720941.68	6.99441			
431774.93	3721018.65	4.82993	431864.43	
3720908.43	8.15154			
431846.93	3720964.64	6.34787	431144.82	
3719945.78	1.77602			
431157.20	3719933.07	1.79590	431994.43	
3719146.82	0.43207			
431999.70	3719120.50	0.41923	434516.47	
3720617.48	0.23835			
434406.06	3720633.41			
0.26689				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL16 ***
INCLUDING SOURCE(S): VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	38.93512	431839.58	
3720538.42	108.08220			
431848.44	3720506.30	128.67338	431808.02	
3720544.24	60.79555			
432072.45	3720450.37	32.76380	432046.42	
3720409.11	32.88740			
432081.39	3720459.96	31.14944	432108.76	
3720473.97	24.71399			
431818.11	3720498.90	69.21121	431824.87	
3720465.08	61.99715			
431746.87	3720630.10	22.09116	431718.91	
3720636.87	17.55178			
431769.86	3720571.04	33.46404	431828.48	
3720830.29	10.75946			
431795.56	3720851.94	9.12899	431709.90	

3720687.81	14.01274		
431720.72	3720650.84	16.94737	431690.06
3720613.42	15.35610		
431685.55	3720648.14	13.57456	431653.09
3720714.87	9.41280		
431660.75	3720740.12	9.24282	431667.06
3720767.17	8.93293		
431672.47	3720800.08	8.24170	431676.08
3720826.23	7.51653		
431680.14	3720851.94	6.99338	433382.64
3721167.41	0.69857		
433341.15	3721247.68	0.70371	433323.12
3721251.28	0.71497		
432993.01	3721124.56	1.08524	432819.84
3721275.64	1.20457		
432735.51	3721287.81	1.31430	432701.69
3721285.56	1.36850		
432888.84	3721184.54	1.18971	432798.65
3721183.19	1.33177		
432741.38	3721201.68	1.41050	432669.67
3721211.60	1.53208		
432802.71	3721413.18	1.09283	432674.64
3721290.52	1.40589		
432613.30	3721308.11	1.47998	432550.62
3721318.93	1.57042		
432615.11	3721232.79	1.60548	432534.84
3721218.82	1.80744		
432381.96	3721246.77	2.09789	432413.98
3721344.18	1.75491		
432490.19	3721330.65	1.65002	432375.65
3721348.24	1.81248		
432365.73	3721270.22	2.05803	432314.77
3721271.13	2.16174		
432246.67	3721271.13	2.29143	432302.59
3721208.44	2.44395		
432234.05	3721217.01	2.57034	432247.12
3721359.97	1.96696		
432356.71	3721352.75	1.83228	432289.06
3721101.11	3.04131		
432217.81	3721121.86	3.18949	432214.66
3721047.45	3.78563		
432280.04	3721039.78	3.51398	432195.26
3720984.32	4.60380		
432188.05	3720943.73	5.21173	432243.97
3720808.89	6.53130		
432150.62	3720733.13	11.65827	432249.83
3720693.00	8.26945		
432206.99	3720559.06	12.14063	432232.69
3720348.46	8.79914		
432180.38	3720350.72	11.23983	432183.09
3720281.27	9.18927		
432236.75	3720646.55	9.45238	432042.84
3720348.46	23.06470		
431941.37	3720348.46	28.35476	431888.61
3720357.48	28.93429		
431923.34	3720345.30	25.95982	431907.10
3720352.52	28.37460		
431851.18	3720360.64	26.08850	431852.21
3720441.91	69.30259		
431852.07	3720489.04	121.67645	431845.13
3720523.74	125.27824		
431823.30	3720473.86	64.84464	431823.88
3720457.81	57.72983		
431793.30	3720942.34	6.20161	431690.56
3720987.19	4.55872		



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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL16 ***
INCLUDING SOURCE(S): VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	5.58330	432011.44	
3720873.33	9.14132			
432052.07	3720849.95	9.69926	432084.66	
3720824.64	10.15156			
432095.01	3720762.16	13.01794	432127.98	
3720889.43	7.18620			
432095.77	3720936.20	6.36838	431860.12	
3720941.68	6.41119			
431774.93	3721018.65	4.48688	431864.43	
3720908.43	7.41106			
431846.93	3720964.64	5.84185	431144.82	
3719945.78	1.80201			
431157.20	3719933.07	1.82611	431994.43	
3719146.82	0.43478			
431999.70	3719120.50	0.42176	434516.47	
3720617.48	0.23737			
434406.06	3720633.41			
0.26585				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL17 ***
INCLUDING SOURCE(S): VOL17 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	21.96088	431839.58	
3720538.42	51.89485			
431848.44	3720506.30	74.52562	431808.02	
3720544.24	35.77706			
432072.45	3720450.37	49.80955	432046.42	
3720409.11	60.94480			

432081.39	3720459.96	44.78763	432108.76
3720473.97	32.19203		
431818.11	3720498.90	49.48892	431824.87
3720465.08	55.10934		
431746.87	3720630.10	15.13099	431718.91
3720636.87	12.62498		
431769.86	3720571.04	22.28781	431828.48
3720830.29	7.86729		
431795.56	3720851.94	6.85254	431709.90
3720687.81	10.25673		
431720.72	3720650.84	12.15335	431690.06
3720613.42	11.55847		
431685.55	3720648.14	10.19111	431653.09
3720714.87	7.31851		
431660.75	3720740.12	7.16847	431667.06
3720767.17	6.94192		
431672.47	3720800.08	6.45583	431676.08
3720826.23	5.99728		
431680.14	3720851.94	5.49035	433382.64
3721167.41	0.69668		
433341.15	3721247.68	0.69978	433323.12
3721251.28	0.71065		
432993.01	3721124.56	1.07468	432819.84
3721275.64	1.17376		
432735.51	3721287.81	1.27232	432701.69
3721285.56	1.32143		
432888.84	3721184.54	1.16900	432798.65
3721183.19	1.30185		
432741.38	3721201.68	1.37171	432669.67
3721211.60	1.48003		
432802.71	3721413.18	1.05847	432674.64
3721290.52	1.35410		
432613.30	3721308.11	1.41670	432550.62
3721318.93	1.49320		
432615.11	3721232.79	1.54116	432534.84
3721218.82	1.72032		
432381.96	3721246.77	1.95273	432413.98
3721344.18	1.64154		
432490.19	3721330.65	1.55830	432375.65
3721348.24	1.68661		
432365.73	3721270.22	1.91095	432314.77
3721271.13	1.99097		
432246.67	3721271.13	2.08668	432302.59
3721208.44	2.24250		
432234.05	3721217.01	2.32822	432247.12
3721359.97	1.79890		
432356.71	3721352.75	1.70068	432289.06
3721101.11	2.77827		
432217.81	3721121.86	2.86259	432214.66
3721047.45	3.38277		
432280.04	3721039.78	3.20174	432195.26
3720984.32	4.07242		
432188.05	3720943.73	4.59024	432243.97
3720808.89	6.00619		
432150.62	3720733.13	10.22646	432249.83
3720693.00	7.99672		
432206.99	3720559.06	12.98799	432232.69
3720348.46	10.95715		
432180.38	3720350.72	14.78860	432183.09
3720281.27	12.16405		
432236.75	3720646.55	9.37689	432042.84
3720348.46	41.46412		
431941.37	3720348.46	53.94025	431888.61
3720357.48	50.79892		
431923.34	3720345.30	46.46465	431907.10
3720352.52	51.40691		

431851.18	3720360.64	40.54647	431852.21
3720441.91	88.69375		
431852.07	3720489.04	87.92979	431845.13
3720523.74	62.43291		
431823.30	3720473.86	53.75862	431823.88
3720457.81	54.06637		
431793.30	3720942.34	4.92871	431690.56
3720987.19	3.76837		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL17 ***
INCLUDING SOURCE(S): VOL17 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431680.98	3720921.25	4.50677	432011.44	
3720873.33	7.15139			
432052.07	3720849.95	7.70580	432084.66	
3720824.64	8.23250			
432095.01	3720762.16	10.60769	432127.98	
3720889.43	6.08088			
432095.77	3720936.20	5.33793	431860.12	
3720941.68	5.09882			
431774.93	3721018.65	3.71603	431864.43	
3720908.43	5.78011			
431846.93	3720964.64	4.69756	431144.82	
3719945.78	1.91371			
431157.20	3719933.07	1.94949	431994.43	
3719146.82	0.44915			
431999.70	3719120.50	0.43530	434516.47	
3720617.48	0.23267			
434406.06	3720633.41			
0.26033				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL18 ***
INCLUDING SOURCE(S): VOL18 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD

(M)	CONC		
431824.47	3720637.57	16.37706	431839.58
3720538.42	33.57921		
431848.44	3720506.30	46.29893	431808.02
3720544.24	25.43256		
432072.45	3720450.37	60.27469	432046.42
3720409.11	92.33260		
432081.39	3720459.96	52.04031	432108.76
3720473.97	35.57418		
431818.11	3720498.90	35.22181	431824.87
3720465.08	42.40789		
431746.87	3720630.10	12.13671	431718.91
3720636.87	10.41713		
431769.86	3720571.04	17.25255	431828.48
3720830.29	6.57760		
431795.56	3720851.94	5.80677	431709.90
3720687.81	8.57413		
431720.72	3720650.84	10.03253	431690.06
3720613.42	9.74880		
431685.55	3720648.14	8.64322	431653.09
3720714.87	6.36306		
431660.75	3720740.12	6.21179	431667.06
3720767.17	5.99532		
431672.47	3720800.08	5.57895	431676.08
3720826.23	5.18807		
431680.14	3720851.94	4.76449	433382.64
3721167.41	0.69536		
433341.15	3721247.68	0.69707	433323.12
3721251.28	0.70768		
432993.01	3721124.56	1.06651	432819.84
3721275.64	1.15245		
432735.51	3721287.81	1.24374	432701.69
3721285.56	1.28946		
432888.84	3721184.54	1.15405	432798.65
3721183.19	1.28030		
432741.38	3721201.68	1.34429	432669.67
3721211.60	1.44397		
432802.71	3721413.18	1.03570	432674.64
3721290.52	1.31919		
432613.30	3721308.11	1.37471	432550.62
3721318.93	1.44280		
432615.11	3721232.79	1.49750	432534.84
3721218.82	1.66206		
432381.96	3721246.77	1.86018	432413.98
3721344.18	1.56972		
432490.19	3721330.65	1.49907	432375.65
3721348.24	1.60768		
432365.73	3721270.22	1.81788	432314.77
3721271.13	1.88434		
432246.67	3721271.13	1.96127	432302.59
3721208.44	2.11638		
432234.05	3721217.01	2.18027	432247.12
3721359.97	1.69663		
432356.71	3721352.75	1.61858	432289.06
3721101.11	2.61137		
432217.81	3721121.86	2.66299	432214.66
3721047.45	3.13432		
432280.04	3721039.78	3.00185	432195.26
3720984.32	3.74561		
432188.05	3720943.73	4.20555	432243.97
3720808.89	5.61373		
432150.62	3720733.13	9.19477	432249.83
3720693.00	7.65574		
432206.99	3720559.06	13.06940	432232.69

3720348.46	12.61765		
432180.38	3720350.72	17.70335	432183.09
3720281.27	14.81686		
432236.75	3720646.55	9.07877	432042.84
3720348.46	68.21997		
431941.37	3720348.46	99.25986	431888.61
3720357.48	73.49968		
431923.34	3720345.30	78.89755	431907.10
3720352.52	82.77443		
431851.18	3720360.64	48.58564	431852.21
3720441.91	70.00613		
431852.07	3720489.04	54.91478	431845.13
3720523.74	39.26705		
431823.30	3720473.86	41.59272	431823.88
3720457.81	42.73836		
431793.30	3720942.34	4.29741	431690.56
3720987.19	3.35277		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL18 ***
 INCLUDING SOURCE(S): VOL18 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431680.98	3720921.25	3.96300	432011.44	
3720873.33	6.14799			
432052.07	3720849.95	6.65632	432084.66	
3720824.64	7.16455			
432095.01	3720762.16	9.18214	432127.98	
3720889.43	5.43867			
432095.77	3720936.20	4.76026	431860.12	
3720941.68	4.43979			
431774.93	3721018.65	3.30801	431864.43	
3720908.43	4.98102			
431846.93	3720964.64	4.11560	431144.82	
3719945.78	1.90971			
431157.20	3719933.07	1.95196	431994.43	
3719146.82	0.46851			
431999.70	3719120.50	0.45369	434516.47	
3720617.48	0.23637			
434406.06	3720633.41			
0.26457				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: VOL19 ***
INCLUDING SOURCE(S): VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN			**	
MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD

431824.47	3720637.57	14.02634	431839.58	
3720538.42	25.54764			
431848.44	3720506.30	32.72518	431808.02	
3720544.24	19.74593			
432072.45	3720450.37	105.64456	432046.42	
3720409.11	202.48508			
432081.39	3720459.96	85.57390	432108.76	
3720473.97	52.36846			
431818.11	3720498.90	25.18316	431824.87	
3720465.08	29.30045			
431746.87	3720630.10	10.40192	431718.91	
3720636.87	8.97998			
431769.86	3720571.04	14.13198	431828.48	
3720830.29	6.20828			
431795.56	3720851.94	5.47531	431709.90	
3720687.81	7.56821			
431720.72	3720650.84	8.70232	431690.06	
3720613.42	8.36827			
431685.55	3720648.14	7.51739	431653.09	
3720714.87	5.66902			
431660.75	3720740.12	5.57913	431667.06	
3720767.17	5.44329			
431672.47	3720800.08	5.12879	431676.08	
3720826.23	4.82622			
431680.14	3720851.94	4.43674	433382.64	
3721167.41	0.71722			
433341.15	3721247.68	0.71846	433323.12	
3721251.28	0.72950			
432993.01	3721124.56	1.10838	432819.84	
3721275.64	1.19252			
432735.51	3721287.81	1.28616	432701.69	
3721285.56	1.33340			
432888.84	3721184.54	1.19821	432798.65	
3721183.19	1.33044			
432741.38	3721201.68	1.39595	432669.67	
3721211.60	1.49845			
432802.71	3721413.18	1.06597	432674.64	
3721290.52	1.36351			
432613.30	3721308.11	1.41860	432550.62	
3721318.93	1.48605			
432615.11	3721232.79	1.55145	432534.84	
3721218.82	1.72089			
432381.96	3721246.77	1.91041	432413.98	
3721344.18	1.60621			
432490.19	3721330.65	1.54026	432375.65	
3721348.24	1.64113			
432365.73	3721270.22	1.86245	432314.77	
3721271.13	1.92360			
432246.67	3721271.13	1.99116	432302.59	
3721208.44	2.16641			
432234.05	3721217.01	2.21678	432247.12	
3721359.97	1.71610			
432356.71	3721352.75	1.64997	432289.06	
3721101.11	2.69169			

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	3.74516	432011.44	
3720873.33	6.10794			
432052.07	3720849.95	6.70715	432084.66	
3720824.64	7.33130			
432095.01	3720762.16	9.57308	432127.98	
3720889.43	5.58787			
432095.77	3720936.20	4.82526	431860.12	
3720941.68	4.30128			
431774.93	3721018.65	3.20009	431864.43	
3720908.43	4.81067			
431846.93	3720964.64	3.98806	431144.82	
3719945.78	1.87189			
431157.20	3719933.07	1.91407	431994.43	
3719146.82	0.45515			
431999.70	3719120.50	0.44086	434516.47	
3720617.48	0.23369			
434406.06	3720633.41			
0.26145				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL2 ***
 INCLUDING SOURCE(S): VOL2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN			**	
MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	67.43579	431839.58	
3720538.42	24.22326			
431848.44	3720506.30	18.68086	431808.02	
3720544.24	28.20677			
432072.45	3720450.37	6.60676	432046.42	
3720409.11	6.45012			
432081.39	3720459.96	6.55366	432108.76	
3720473.97	6.08993			
431818.11	3720498.90	19.29047	431824.87	
3720465.08	15.22524			
431746.87	3720630.10	101.13675	431718.91	
3720636.87	105.82880			
431769.86	3720571.04	40.81781	431828.48	
3720830.29	44.18348			
431795.56	3720851.94	43.76727	431709.90	
3720687.81	304.94418			
431720.72	3720650.84	144.04998	431690.06	
3720613.42	58.66337			
431685.55	3720648.14	90.38830	431653.09	
3720714.87	82.83365			
431660.75	3720740.12	100.91522	431667.06	
3720767.17	95.10021			
431672.47	3720800.08	70.56612	431676.08	
3720826.23	52.41652			
431680.14	3720851.94	39.84155	433382.64	
3721167.41	0.62004			
433341.15	3721247.68	0.63060	433323.12	
3721251.28	0.64082			
432993.01	3721124.56	0.94172	432819.84	
3721275.64	1.09005			
432735.51	3721287.81	1.20336	432701.69	
3721285.56	1.25721			
432888.84	3721184.54	1.04747	432798.65	
3721183.19	1.17382			
432741.38	3721201.68	1.25457	432669.67	
3721211.60	1.37731			
432802.71	3721413.18	1.02775	432674.64	
3721290.52	1.29923			
432613.30	3721308.11	1.39215	432550.62	
3721318.93	1.50726			
432615.11	3721232.79	1.46743	432534.84	
3721218.82	1.67168			
432381.96	3721246.77	2.08443	432413.98	
3721344.18	1.78676			
432490.19	3721330.65	1.62059	432375.65	

3721348.24	1.88312		
432365.73	3721270.22	2.08446	432314.77
3721271.13	2.25682		
432246.67	3721271.13	2.51117	432302.59
3721208.44	2.49764		
432234.05	3721217.01	2.78372	432247.12
3721359.97	2.21673		
432356.71	3721352.75	1.92573	432289.06
3721101.11	2.92658		
432217.81	3721121.86	3.31965	432214.66
3721047.45	3.70958		
432280.04	3721039.78	3.22959	432195.26
3720984.32	4.29420		
432188.05	3720943.73	4.62774	432243.97
3720808.89	4.42368		
432150.62	3720733.13	6.46457	432249.83
3720693.00	4.48740		
432206.99	3720559.06	4.79969	432232.69
3720348.46	3.48195		
432180.38	3720350.72	3.95435	432183.09
3720281.27	3.51046		
432236.75	3720646.55	4.61689	432042.84
3720348.46	5.64678		
431941.37	3720348.46	7.12785	431888.61
3720357.48	8.02731		
431923.34	3720345.30	7.26928	431907.10
3720352.52	7.66184		
431851.18	3720360.64	8.51009	431852.21
3720441.91	12.56236		
431852.07	3720489.04	16.50991	431845.13
3720523.74	21.29966		
431823.30	3720473.86	16.14400	431823.88
3720457.81	14.57338		
431793.30	3720942.34	18.92660	431690.56
3720987.19	12.89533		

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL2 ***
      INCLUDING SOURCE(S) :      VOL2      ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3                      **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	20.82262	432011.44	
3720873.33	10.55003			
432052.07	3720849.95	9.10930	432084.66	
3720824.64	8.11088			
432095.01	3720762.16	8.14230	432127.98	
3720889.43	6.30299			
432095.77	3720936.20	6.49723	431860.12	
3720941.68	15.26632			
431774.93	3721018.65	10.92524	431864.43	
3720908.43	18.39251			

431846.93	3720964.64	13.97214	431144.82
3719945.78	1.57673		
431157.20	3719933.07	1.56994	431994.43
3719146.82	0.43747		
431999.70	3719120.50	0.42506	434516.47
3720617.48	0.25963		
434406.06	3720633.41		
0.29680			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL20 ***
 INCLUDING SOURCE(S): VOL20 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	16.01135	431839.58	
3720538.42	28.18337			
431848.44	3720506.30	34.42500	431808.02	
3720544.24	21.26407			
432072.45	3720450.37	142.94468	432046.42	
3720409.11	150.08260			
432081.39	3720459.96	119.65460	432108.76	
3720473.97	69.35414			
431818.11	3720498.90	25.13708	431824.87	
3720465.08	27.35567			
431746.87	3720630.10	11.18524	431718.91	
3720636.87	9.56788			
431769.86	3720571.04	14.91821	431828.48	
3720830.29	7.04680			
431795.56	3720851.94	6.13103	431709.90	
3720687.81	8.12680			
431720.72	3720650.84	9.31427	431690.06	
3720613.42	8.78487			
431685.55	3720648.14	7.95544	431653.09	
3720714.87	6.01536			
431660.75	3720740.12	5.94498	431667.06	
3720767.17	5.81695			
431672.47	3720800.08	5.49632	431676.08	
3720826.23	5.17834			
431680.14	3720851.94	4.80865	433382.64	
3721167.41	0.73816			
433341.15	3721247.68	0.74052	433323.12	
3721251.28	0.75228			
432993.01	3721124.56	1.15527	432819.84	
3721275.64	1.25374			
432735.51	3721287.81	1.35796	432701.69	
3721285.56	1.41037			
432888.84	3721184.54	1.25582	432798.65	
3721183.19	1.40132			
432741.38	3721201.68	1.47519	432669.67	
3721211.60	1.59047			

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	4.05212	432011.44	

3720873.33	7.12632		
432052.07	3720849.95	7.93025	432084.66
3720824.64	8.77029		
432095.01	3720762.16	11.83311	432127.98
3720889.43	6.50609		
432095.77	3720936.20	5.53746	431860.12
3720941.68	4.79535		
431774.93	3721018.65	3.48360	431864.43
3720908.43	5.40220		
431846.93	3720964.64	4.42165	431144.82
3719945.78	1.76745		
431157.20	3719933.07	1.80437	431994.43
3719146.82	0.44059		
431999.70	3719120.50	0.42706	434516.47
3720617.48	0.23901		
434406.06	3720633.41		
0.26776			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL21 ***
 INCLUDING SOURCE(S): VOL21 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	15.87047	431839.58	
3720538.42	26.29771			
431848.44	3720506.30	30.96896	431808.02	
3720544.24	19.96589			
432072.45	3720450.37	178.26266	432046.42	
3720409.11	132.83565			
432081.39	3720459.96	155.47597	432108.76	
3720473.97	87.16819			
431818.11	3720498.90	23.36860	431824.87	
3720465.08	24.08903			
431746.87	3720630.10	10.90752	431718.91	
3720636.87	9.35051			
431769.86	3720571.04	14.22063	431828.48	
3720830.29	7.22691			
431795.56	3720851.94	6.25785	431709.90	
3720687.81	8.01802			
431720.72	3720650.84	9.13159	431690.06	
3720613.42	8.55396			
431685.55	3720648.14	7.80307	431653.09	
3720714.87	5.95428			
431660.75	3720740.12	5.89818	431667.06	
3720767.17	5.78380			
431672.47	3720800.08	5.48230	431676.08	
3720826.23	5.17792			
431680.14	3720851.94	4.83691	433382.64	
3721167.41	0.75252			
433341.15	3721247.68	0.75519	433323.12	

3721251.28	0.76736		
432993.01	3721124.56	1.18583	432819.84
3721275.64	1.28961		
432735.51	3721287.81	1.39877	432701.69
3721285.56	1.45369		
432888.84	3721184.54	1.29148	432798.65
3721183.19	1.44413		
432741.38	3721201.68	1.52185	432669.67
3721211.60	1.64318		
432802.71	3721413.18	1.14935	432674.64
3721290.52	1.48919		
432613.30	3721308.11	1.55463	432550.62
3721318.93	1.63454		
432615.11	3721232.79	1.70740	432534.84
3721218.82	1.90861		
432381.96	3721246.77	2.13729	432413.98
3721344.18	1.77645		
432490.19	3721330.65	1.69868	432375.65
3721348.24	1.81729		
432365.73	3721270.22	2.07973	432314.77
3721271.13	2.15152		
432246.67	3721271.13	2.22882	432302.59
3721208.44	2.44461		
432234.05	3721217.01	2.50120	432247.12
3721359.97	1.90100		
432356.71	3721352.75	1.82739	432289.06
3721101.11	3.09244		
432217.81	3721121.86	3.11982	432214.66
3721047.45	3.75325		
432280.04	3721039.78	3.62138	432195.26
3720984.32	4.58718		
432188.05	3720943.73	5.24281	432243.97
3720808.89	7.56990		
432150.62	3720733.13	13.64032	432249.83
3720693.00	11.16113		
432206.99	3720559.06	21.82473	432232.69
3720348.46	16.18612		
432180.38	3720350.72	22.94997	432183.09
3720281.27	16.40452		
432236.75	3720646.55	13.82028	432042.84
3720348.46	52.85993		
431941.37	3720348.46	35.29794	431888.61
3720357.48	28.26577		
431923.34	3720345.30	30.68564	431907.10
3720352.52	30.56969		
431851.18	3720360.64	22.47072	431852.21
3720441.91	31.79910		
431852.07	3720489.04	32.91807	431845.13
3720523.74	28.85188		
431823.30	3720473.86	23.86181	431823.88
3720457.81	23.72773		
431793.30	3720942.34	4.64672	431690.56
3720987.19	3.50304		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL21 ***
 INCLUDING SOURCE(S): VOL21 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431680.98	3720921.25	4.09146	432011.44	
3720873.33	7.51398			
432052.07	3720849.95	8.44504	432084.66	
3720824.64	9.43346			
432095.01	3720762.16	12.98063	432127.98	
3720889.43	6.93869			
432095.77	3720936.20	5.84460	431860.12	
3720941.68	4.92951			
431774.93	3721018.65	3.54975	431864.43	
3720908.43	5.56093			
431846.93	3720964.64	4.53753	431144.82	
3719945.78	1.70710			
431157.20	3719933.07	1.74227	431994.43	
3719146.82	0.43510			
431999.70	3719120.50	0.42186	434516.47	
3720617.48	0.24235			
434406.06	3720633.41			
0.27172				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL22 ***
INCLUDING SOURCE(S): VOL22 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	84.36995	431839.58	
3720538.42	47.77239			
431848.44	3720506.30	36.33163	431808.02	
3720544.24	38.71824			
432072.45	3720450.37	17.27643	432046.42	
3720409.11	14.97405			
432081.39	3720459.96	17.45365	432108.76	
3720473.97	16.02370			
431818.11	3720498.90	29.03991	431824.87	
3720465.08	23.06390			
431746.87	3720630.10	29.71680	431718.91	
3720636.87	22.07977			
431769.86	3720571.04	31.94567	431828.48	
3720830.29	22.12501			
431795.56	3720851.94	16.99604	431709.90	
3720687.81	20.04201			
431720.72	3720650.84	22.49263	431690.06	
3720613.42	17.30582			

431685.55	3720648.14	17.03069	431653.09
3720714.87	12.95054		
431660.75	3720740.12	13.06658	431667.06
3720767.17	12.85338		
431672.47	3720800.08	12.20192	431676.08
3720826.23	11.48728		
431680.14	3720851.94	10.70369	433382.64
3721167.41	0.72515		
433341.15	3721247.68	0.73450	433323.12
3721251.28	0.74708		
432993.01	3721124.56	1.15008	432819.84
3721275.64	1.31578		
432735.51	3721287.81	1.45513	432701.69
3721285.56	1.52330		
432888.84	3721184.54	1.28060	432798.65
3721183.19	1.44964		
432741.38	3721201.68	1.55119	432669.67
3721211.60	1.70819		
432802.71	3721413.18	1.20412	432674.64
3721290.52	1.57311		
432613.30	3721308.11	1.67674	432550.62
3721318.93	1.80394		
432615.11	3721232.79	1.81272	432534.84
3721218.82	2.07892		
432381.96	3721246.77	2.52413	432413.98
3721344.18	2.08113		
432490.19	3721330.65	1.92089	432375.65
3721348.24	2.17069		
432365.73	3721270.22	2.48513	432314.77
3721271.13	2.65165		
432246.67	3721271.13	2.87125	432302.59
3721208.44	3.03208		
432234.05	3721217.01	3.26784	432247.12
3721359.97	2.42977		
432356.71	3721352.75	2.20452	432289.06
3721101.11	3.83279		
432217.81	3721121.86	4.16287	432214.66
3721047.45	5.01468		
432280.04	3721039.78	4.46935	432195.26
3720984.32	6.26240		
432188.05	3720943.73	7.17229	432243.97
3720808.89	8.16203		
432150.62	3720733.13	15.71480	432249.83
3720693.00	9.26734		
432206.99	3720559.06	11.12084	432232.69
3720348.46	6.53333		
432180.38	3720350.72	7.70237	432183.09
3720281.27	6.23575		
432236.75	3720646.55	10.02102	432042.84
3720348.46	11.14008		
431941.37	3720348.46	12.20872	431888.61
3720357.48	12.57795		
431923.34	3720345.30	11.52300	431907.10
3720352.52	12.37241		
431851.18	3720360.64	12.21982	431852.21
3720441.91	21.05193		
431852.07	3720489.04	31.23096	431845.13
3720523.74	42.58995		
431823.30	3720473.86	24.49549	431823.88
3720457.81	21.75922		
431793.30	3720942.34	10.12646	431690.56
3720987.19	6.55789		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL22 ***
 INCLUDING SOURCE(S): VOL22 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	8.30122	432011.44	
3720873.33	17.05379			
432052.07	3720849.95	17.33499	432084.66	
3720824.64	17.07217			
432095.01	3720762.16	21.08153	432127.98	
3720889.43	10.89681			
432095.77	3720936.20	9.85433	431860.12	
3720941.68	10.79082			
431774.93	3721018.65	6.63185	431864.43	
3720908.43	13.18169			
431846.93	3720964.64	9.49410	431144.82	
3719945.78	1.47945			
431157.20	3719933.07	1.48998	431994.43	
3719146.82	0.40709			
431999.70	3719120.50	0.39549	434516.47	
3720617.48	0.25485			
434406.06	3720633.41			
0.28563				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL23 ***
 INCLUDING SOURCE(S): VOL23 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	69.71002	431839.58	
3720538.42	83.54502			
431848.44	3720506.30	65.15046	431808.02	
3720544.24	55.66832			
432072.45	3720450.37	23.26628	432046.42	
3720409.11	20.85168			
432081.39	3720459.96	23.05639	432108.76	
3720473.97	19.96964			
431818.11	3720498.90	45.14745	431824.87	

3720465.08	35.50562		
431746.87	3720630.10	28.33968	431718.91
3720636.87	21.17927		
431769.86	3720571.04	37.36295	431828.48
3720830.29	15.46106		
431795.56	3720851.94	12.55620	431709.90
3720687.81	17.70378		
431720.72	3720650.84	20.95941	431690.06
3720613.42	17.35300		
431685.55	3720648.14	16.17056	431653.09
3720714.87	11.51014		
431660.75	3720740.12	11.40091	431667.06
3720767.17	11.04511		
431672.47	3720800.08	10.19329	431676.08
3720826.23	9.50689		
431680.14	3720851.94	8.82805	433382.64
3721167.41	0.71347		
433341.15	3721247.68	0.72079	433323.12
3721251.28	0.73278		
432993.01	3721124.56	1.12109	432819.84
3721275.64	1.26496		
432735.51	3721287.81	1.39024	432701.69
3721285.56	1.45171		
432888.84	3721184.54	1.23959	432798.65
3721183.19	1.39609		
432741.38	3721201.68	1.48688	432669.67
3721211.60	1.62704		
432802.71	3721413.18	1.15273	432674.64
3721290.52	1.49552		
432613.30	3721308.11	1.58462	432550.62
3721318.93	1.69368		
432615.11	3721232.79	1.71637	432534.84
3721218.82	1.95144		
432381.96	3721246.77	2.31825	432413.98
3721344.18	1.92400		
432490.19	3721330.65	1.79179	432375.65
3721348.24	1.99729		
432365.73	3721270.22	2.27809	432314.77
3721271.13	2.41198		
432246.67	3721271.13	2.58402	432302.59
3721208.44	2.74386		
432234.05	3721217.01	2.92094	432247.12
3721359.97	2.20154		
432356.71	3721352.75	2.02386	432289.06
3721101.11	3.44574		
432217.81	3721121.86	3.67631	432214.66
3721047.45	4.40134		
432280.04	3721039.78	4.00446	432195.26
3720984.32	5.43330		
432188.05	3720943.73	6.19580	432243.97
3720808.89	7.44058		
432150.62	3720733.13	14.01739	432249.83
3720693.00	8.94579		
432206.99	3720559.06	11.83497	432232.69
3720348.46	7.49465		
432180.38	3720350.72	9.14109	432183.09
3720281.27	7.39669		
432236.75	3720646.55	9.95311	432042.84
3720348.46	15.01459		
431941.37	3720348.46	17.30116	431888.61
3720357.48	17.87096		
431923.34	3720345.30	16.04493	431907.10
3720352.52	17.56653		
431851.18	3720360.64	16.33543	431852.21
3720441.91	33.39033		
431852.07	3720489.04	54.75318	431845.13

3720523.74 77.04435
431823.30 3720473.86 37.91908 431823.88
3720457.81 33.12562
431793.30 3720942.34 7.98223 431690.56
3720987.19 5.52066

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL23 ***
INCLUDING SOURCE(S): VOL23 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	6.89962	432011.44	
3720873.33	12.54782			
432052.07	3720849.95	13.12700	432084.66	
3720824.64	13.42509			
432095.01	3720762.16	17.12759	432127.98	
3720889.43	8.99154			
432095.77	3720936.20	8.01314	431860.12	
3720941.68	8.34359			
431774.93	3721018.65	5.49081	431864.43	
3720908.43	9.89771			
431846.93	3720964.64	7.48031	431144.82	
3719945.78	1.59205			
431157.20	3719933.07	1.60775	431994.43	
3719146.82	0.42397			
431999.70	3719120.50	0.41157	434516.47	
3720617.48	0.25115			
434406.06	3720633.41			
0.28136				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL24 ***
INCLUDING SOURCE(S): VOL24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD

431824.47	3720637.57	23.99683	431839.58
3720538.42	40.99785		
431848.44	3720506.30	45.62341	431808.02
3720544.24	28.85914		
432072.45	3720450.37	63.97636	432046.42
3720409.11	51.42159		
432081.39	3720459.96	62.15046	432108.76
3720473.97	46.63798		
431818.11	3720498.90	31.61879	431824.87
3720465.08	30.94853		
431746.87	3720630.10	14.63760	431718.91
3720636.87	12.20147		
431769.86	3720571.04	19.31908	431828.48
3720830.29	9.39833		
431795.56	3720851.94	7.96329	431709.90
3720687.81	10.35009		
431720.72	3720650.84	11.93973	431690.06
3720613.42	10.85819		
431685.55	3720648.14	9.92070	431653.09
3720714.87	7.38045		
431660.75	3720740.12	7.31780	431667.06
3720767.17	7.16471		
431672.47	3720800.08	6.75238	431676.08
3720826.23	6.28214		
431680.14	3720851.94	5.93673	433382.64
3721167.41	0.74264		
433341.15	3721247.68	0.74735	433323.12
3721251.28	0.75963		
432993.01	3721124.56	1.17317	432819.84
3721275.64	1.29635		
432735.51	3721287.81	1.41456	432701.69
3721285.56	1.47345		
432888.84	3721184.54	1.28684	432798.65
3721183.19	1.44505		
432741.38	3721201.68	1.53028	432669.67
3721211.60	1.66256		
432802.71	3721413.18	1.16397	432674.64
3721290.52	1.51306		
432613.30	3721308.11	1.58922	432550.62
3721318.93	1.68219		
432615.11	3721232.79	1.73844	432534.84
3721218.82	1.95886		
432381.96	3721246.77	2.24609	432413.98
3721344.18	1.86045		
432490.19	3721330.65	1.76078	432375.65
3721348.24	1.91388		
432365.73	3721270.22	2.19237	432314.77
3721271.13	2.28810		
432246.67	3721271.13	2.39896	432302.59
3721208.44	2.60709		
432234.05	3721217.01	2.70483	432247.12
3721359.97	2.03946		
432356.71	3721352.75	1.92990	432289.06
3721101.11	3.30675		
432217.81	3721121.86	3.40149	432214.66
3721047.45	4.10726		
432280.04	3721039.78	3.87758	432195.26
3720984.32	5.07063		
432188.05	3720943.73	5.82172	432243.97
3720808.89	7.97555		
432150.62	3720733.13	15.30514	432249.83
3720693.00	10.97678		
432206.99	3720559.06	18.27031	432232.69
3720348.46	11.74683		
432180.38	3720350.72	15.38885	432183.09
3720281.27	11.59213		

432236.75	3720646.55	13.08107	432042.84
3720348.46	29.04065		
431941.37	3720348.46	25.43663	431888.61
3720357.48	23.67715		
431923.34	3720345.30	22.84028	431907.10
3720352.52	24.10200		
431851.18	3720360.64	20.49031	431852.21
3720441.91	36.59044		
431852.07	3720489.04	45.88134	431845.13
3720523.74	44.33679		
431823.30	3720473.86	31.37957	431823.88
3720457.81	29.84474		
431793.30	3720942.34	5.65054	431690.56
3720987.19	4.12787		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL24 ***
INCLUDING SOURCE(S): VOL24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN **
MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	4.91555	432011.44	
3720873.33	9.36565			
432052.07	3720849.95	10.44716	432084.66	
3720824.64	11.49771			
432095.01	3720762.16	15.92824	432127.98	
3720889.43	8.04676			
432095.77	3720936.20	6.82988	431860.12	
3720941.68	5.99337			
431774.93	3721018.65	4.17209	431864.43	
3720908.43	6.87389			
431846.93	3720964.64	5.46509	431144.82	
3719945.78	1.68122			
431157.20	3719933.07	1.70918	431994.43	
3719146.82	0.42504			
431999.70	3719120.50	0.41236	434516.47	
3720617.48	0.24335			
434406.06	3720633.41			
0.27298				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL25 ***
INCLUDING SOURCE(S): VOL25 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
(M)	CONC					
431824.47	3720637.57	16.48570		431839.58		
3720538.42	22.34612					
431848.44	3720506.30	23.69835		431808.02		
3720544.24	17.38504					
432072.45	3720450.37	94.71672		432046.42		
3720409.11	51.12327					
432081.39	3720459.96	106.36864		432108.76		
3720473.97	94.29088					
431818.11	3720498.90	18.30386		431824.87		
3720465.08	18.09045					
431746.87	3720630.10	10.65864		431718.91		
3720636.87	9.20781					
431769.86	3720571.04	12.90995		431828.48		
3720830.29	8.40378					
431795.56	3720851.94	7.12633		431709.90		
3720687.81	8.14997					
431720.72	3720650.84	9.09572		431690.06		
3720613.42	8.29053					
431685.55	3720648.14	7.78159		431653.09		
3720714.87	6.11721					
431660.75	3720740.12	6.09344		431667.06		
3720767.17	5.99939					
431672.47	3720800.08	5.73320		431676.08		
3720826.23	5.43199					
431680.14	3720851.94	5.20090		433382.64		
3721167.41	0.79450					
433341.15	3721247.68	0.79908		433323.12		
3721251.28	0.81266					
432993.01	3721124.56	1.28081		432819.84		
3721275.64	1.41177					
432735.51	3721287.81	1.54210		432701.69		
3721285.56	1.60750					
432888.84	3721184.54	1.40773		432798.65		
3721183.19	1.58769					
432741.38	3721201.68	1.68232		432669.67		
3721211.60	1.82986					
432802.71	3721413.18	1.25408		432674.64		
3721290.52	1.65048					
432613.30	3721308.11	1.73042		432550.62		
3721318.93	1.82778					
432615.11	3721232.79	1.91016		432534.84		
3721218.82	2.15631					
432381.96	3721246.77	2.44120		432413.98		
3721344.18	1.99982					
432490.19	3721330.65	1.90576		432375.65		
3721348.24	2.04869					
432365.73	3721270.22	2.36959		432314.77		
3721271.13	2.45583					
432246.67	3721271.13	2.54522		432302.59		
3721208.44	2.82218					
432234.05	3721217.01	2.88536		432247.12		
3721359.97	2.14238					
432356.71	3721352.75	2.06034		432289.06		
3721101.11	3.65514					
432217.81	3721121.86	3.67921		432214.66		
3721047.45	4.52315					
432280.04	3721039.78	4.35787		432195.26		

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	4.43822	432011.44	
3720873.33	9.63488			
432052.07	3720849.95	11.23326	432084.66	
3720824.64	13.00542			
432095.01	3720762.16	19.47179	432127.98	
3720889.43	9.10668			
432095.77	3720936.20	7.39003	431860.12	
3720941.68	5.71321			
431774.93	3721018.65	3.95654	431864.43	
3720908.43	6.49903			
431846.93	3720964.64	5.21574	431144.82	
3719945.78	1.52704			
431157.20	3719933.07	1.55516	431994.43	
3719146.82	0.41678			
431999.70	3719120.50	0.40451	434516.47	
3720617.48	0.25385			
434406.06	3720633.41			
0.28537				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL26 ***
 INCLUDING SOURCE(S): VOL26 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) (M)		Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	15.58969	431839.58		
3720538.42	24.45498				
431848.44	3720506.30	27.98955	431808.02		
3720544.24	18.73329				
432072.45	3720450.37	196.71054	432046.42		
3720409.11	111.75226				
432081.39	3720459.96	185.97623	432108.76		
3720473.97	106.50570				
431818.11	3720498.90	21.32077	431824.87		
3720465.08	21.57523				
431746.87	3720630.10	10.60242	431718.91		
3720636.87	9.11958				
431769.86	3720571.04	13.53966	431828.48		
3720830.29	7.35233				
431795.56	3720851.94	6.34296	431709.90		
3720687.81	7.88734				
431720.72	3720650.84	8.93046	431690.06		
3720613.42	8.32410				
431685.55	3720648.14	7.64544	431653.09		
3720714.87	5.88614				
431660.75	3720740.12	5.83973	431667.06		
3720767.17	5.73444				
431672.47	3720800.08	5.44919	431676.08		
3720826.23	5.15747				
431680.14	3720851.94	4.84425	433382.64		
3721167.41	0.76535				
433341.15	3721247.68	0.76827	433323.12		
3721251.28	0.78082				
432993.01	3721124.56	1.21329	432819.84		
3721275.64	1.32178				
432735.51	3721287.81	1.43539	432701.69		
3721285.56	1.49255				
432888.84	3721184.54	1.32356	432798.65		
3721183.19	1.48269				
432741.38	3721201.68	1.56388	432669.67		
3721211.60	1.69065				
432802.71	3721413.18	1.17595	432674.64		
3721290.52	1.52949				
432613.30	3721308.11	1.59740	432550.62		
3721318.93	1.68026				
432615.11	3721232.79	1.75758	432534.84		
3721218.82	1.96799				
432381.96	3721246.77	2.20409	432413.98		
3721344.18	1.82572				
432490.19	3721330.65	1.74626	432375.65		
3721348.24	1.86724				
432365.73	3721270.22	2.14260	432314.77		
3721271.13	2.21546				

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	4.11303	432011.44	
3720873.33	7.84712			
432052.07	3720849.95	8.90036	432084.66	
3720824.64	10.03621			
432095.01	3720762.16	14.06183	432127.98	
3720889.43	7.33210			
432095.77	3720936.20	6.11677	431860.12	
3720941.68	5.03359			
431774.93	3721018.65	3.59891	431864.43	
3720908.43	5.68306			
431846.93	3720964.64	4.62725	431144.82	
3719945.78	1.65373			
431157.20	3719933.07	1.68747	431994.43	

3719146.82	0.43119		
431999.70	3719120.50	0.41816	434516.47
3720617.48	0.24576		
434406.06	3720633.41		
0.27577			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL27 ***
 INCLUDING SOURCE(S): VOL27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD

431824.47	3720637.57	15.05545	431839.58	
3720538.42	21.77308			
431848.44	3720506.30	24.00389	431808.02	
3720544.24	16.94855			
432072.45	3720450.37	172.96566	432046.42	
3720409.11	79.75661			
432081.39	3720459.96	191.17908	432108.76	
3720473.97	134.33978			
431818.11	3720498.90	18.58991	431824.87	
3720465.08	18.98403			
431746.87	3720630.10	10.11377	431718.91	
3720636.87	8.75944			
431769.86	3720571.04	12.52114	431828.48	
3720830.29	7.53383			
431795.56	3720851.94	6.46548	431709.90	
3720687.81	7.67926			
431720.72	3720650.84	8.61456	431690.06	
3720613.42	7.97398			
431685.55	3720648.14	7.40863	431653.09	
3720714.87	5.79158			
431660.75	3720740.12	5.75516	431667.06	
3720767.17	5.65588			
431672.47	3720800.08	5.39113	431676.08	
3720826.23	5.11884			
431680.14	3720851.94	4.85172	433382.64	
3721167.41	0.78532			
433341.15	3721247.68	0.78868	433323.12	
3721251.28	0.80182			
432993.01	3721124.56	1.25660	432819.84	
3721275.64	1.37311			
432735.51	3721287.81	1.49404	432701.69	
3721285.56	1.55488			
432888.84	3721184.54	1.37454	432798.65	
3721183.19	1.54426			
432741.38	3721201.68	1.63122	432669.67	
3721211.60	1.76704			
432802.71	3721413.18	1.21837	432674.64	
3721290.52	1.59423			
432613.30	3721308.11	1.66623	432550.62	

3721318.93	1.75402		
432615.11	3721232.79	1.83853	432534.84
3721218.82	2.06422		
432381.96	3721246.77	2.31269	432413.98
3721344.18	1.90535		
432490.19	3721330.65	1.82308	432375.65
3721348.24	1.94799		
432365.73	3721270.22	2.24465	432314.77
3721271.13	2.31916		
432246.67	3721271.13	2.39525	432302.59
3721208.44	2.65310		
432234.05	3721217.01	2.70274	432247.12
3721359.97	2.02695		
432356.71	3721352.75	1.95747	432289.06
3721101.11	3.40667		
432217.81	3721121.86	3.41315	432214.66
3721047.45	4.16047		
432280.04	3721039.78	4.03582	432195.26
3720984.32	5.15595		
432188.05	3720943.73	5.95893	432243.97
3720808.89	9.07945		
432150.62	3720733.13	17.50764	432249.83
3720693.00	14.13566		
432206.99	3720559.06	30.04890	432232.69
3720348.46	17.20397		
432180.38	3720350.72	23.31170	432183.09
3720281.27	15.58539		
432236.75	3720646.55	18.02731	432042.84
3720348.46	36.53098		
431941.37	3720348.46	24.06677	431888.61
3720357.48	19.75186		
431923.34	3720345.30	21.50740	431907.10
3720352.52	21.13367		
431851.18	3720360.64	16.45070	431852.21
3720441.91	22.62157		
431852.07	3720489.04	24.64569	431845.13
3720523.74	23.16576		
431823.30	3720473.86	18.97424	431823.88
3720457.81	18.63003		
431793.30	3720942.34	4.82802	431690.56
3720987.19	3.57160		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL27 ***
INCLUDING SOURCE(S): VOL27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431680.98	3720921.25	4.14330	432011.44	
3720873.33	8.39359			
432052.07	3720849.95	9.66245	432084.66	
3720824.64	11.06639			

432095.01	3720762.16	15.97600	432127.98
3720889.43	8.00043		
432095.77	3720936.20	6.56981	431860.12
3720941.68	5.19421		
431774.93	3721018.65	3.67381	431864.43
3720908.43	5.87018		
431846.93	3720964.64	4.76591	431144.82
3719945.78	1.56831		
431157.20	3719933.07	1.59987	431994.43
3719146.82	0.42666		
431999.70	3719120.50	0.41391	434516.47
3720617.48	0.25222		
434406.06	3720633.41		
0.28341			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL28 ***
 INCLUDING SOURCE(S): VOL28 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	36.85076	431839.58	
3720538.42	45.71392			
431848.44	3720506.30	42.25630	431808.02	
3720544.24	32.68125			
432072.45	3720450.37	33.14470	432046.42	
3720409.11	26.48344			
432081.39	3720459.96	33.62993	432108.76	
3720473.97	29.37739			
431818.11	3720498.90	30.26360	431824.87	
3720465.08	26.52181			
431746.87	3720630.10	18.29074	431718.91	
3720636.87	14.90691			
431769.86	3720571.04	23.41047	431828.48	
3720830.29	12.96327			
431795.56	3720851.94	10.59834	431709.90	
3720687.81	12.96170			
431720.72	3720650.84	14.79778	431690.06	
3720613.42	12.70699			
431685.55	3720648.14	11.98377	431653.09	
3720714.87	9.02427			
431660.75	3720740.12	8.98240	431667.06	
3720767.17	8.79367			
431672.47	3720800.08	8.28853	431676.08	
3720826.23	7.81661			
431680.14	3720851.94	7.38209	433382.64	
3721167.41	0.74724			
433341.15	3721247.68	0.75424	433323.12	
3721251.28	0.76701			
432993.01	3721124.56	1.18966	432819.84	
3721275.64	1.33741			

432735.51	3721287.81	1.46988	432701.69
3721285.56	1.53535		
432888.84	3721184.54	1.31592	432798.65
3721183.19	1.48601		
432741.38	3721201.68	1.58255	432669.67
3721211.60	1.73212		
432802.71	3721413.18	1.20825	432674.64
3721290.52	1.58105		
432613.30	3721308.11	1.67194	432550.62
3721318.93	1.78304		
432615.11	3721232.79	1.82389	432534.84
3721218.82	2.07523		
432381.96	3721246.77	2.43989	432413.98
3721344.18	2.00764		
432490.19	3721330.65	1.88024	432375.65
3721348.24	2.07700		
432365.73	3721270.22	2.38725	432314.77
3721271.13	2.51374		
432246.67	3721271.13	2.66726	432302.59
3721208.44	2.87953		
432234.05	3721217.01	3.02890	432247.12
3721359.97	2.25309		
432356.71	3721352.75	2.10006	432289.06
3721101.11	3.67944		
432217.81	3721121.86	3.85964	432214.66
3721047.45	4.69733		
432280.04	3721039.78	4.33475	432195.26
3720984.32	5.88713		
432188.05	3720943.73	6.81030	432243.97
3720808.89	8.84822		
432150.62	3720733.13	18.17070	432249.83
3720693.00	11.33189		
432206.99	3720559.06	16.14712	432232.69
3720348.46	9.15130		
432180.38	3720350.72	11.25622	432183.09
3720281.27	8.67075		
432236.75	3720646.55	12.97566	432042.84
3720348.46	17.42309		
431941.37	3720348.46	16.84187	431888.61
3720357.48	16.44575		
431923.34	3720345.30	15.57478	431907.10
3720352.52	16.42864		
431851.18	3720360.64	15.00700	431852.21
3720441.91	27.44236		
431852.07	3720489.04	38.72597	431845.13
3720523.74	45.39629		
431823.30	3720473.86	27.58652	431823.88
3720457.81	25.22734		
431793.30	3720942.34	7.12955	431690.56
3720987.19	4.94879		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL28 ***
 INCLUDING SOURCE(S): VOL28 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	5.99912	432011.44	
3720873.33	12.67533			
432052.07	3720849.95	14.06027	432084.66	
3720824.64	15.19522			
432095.01	3720762.16	21.19634	432127.98	
3720889.43	9.95469			
432095.77	3720936.20	8.48891	431860.12	
3720941.68	7.63361			
431774.93	3721018.65	5.03906	431864.43	
3720908.43	8.95211			
431846.93	3720964.64	6.86391	431144.82	
3719945.78	1.54761			
431157.20	3719933.07	1.56659	431994.43	
3719146.82	0.41556			
431999.70	3719120.50	0.40344	434516.47	
3720617.48	0.25253			
434406.06	3720633.41			
0.28334				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL29 ***
 INCLUDING SOURCE(S): VOL29 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	20.81560	431839.58	
3720538.42	24.88417			
431848.44	3720506.30	24.59496	431808.02	
3720544.24	19.35694			
432072.45	3720450.37	45.17637	432046.42	
3720409.11	29.87710			
432081.39	3720459.96	48.90680	432108.76	
3720473.97	47.18572			
431818.11	3720498.90	18.94351	431824.87	
3720465.08	17.72921			
431746.87	3720630.10	12.36492	431718.91	
3720636.87	10.56949			
431769.86	3720571.04	14.51474	431828.48	
3720830.29	10.62954			
431795.56	3720851.94	8.78946	431709.90	
3720687.81	9.51796			
431720.72	3720650.84	10.53221	431690.06	
3720613.42	9.28543			
431685.55	3720648.14	8.88221	431653.09	
3720714.87	7.05417			
431660.75	3720740.12	7.05029	431667.06	

3720767.17	6.94898		
431672.47	3720800.08	6.65107	431676.08
3720826.23	6.36081		
431680.14	3720851.94	6.09528	433382.64
3721167.41	0.79476		
433341.15	3721247.68	0.80148	433323.12
3721251.28	0.81543		
432993.01	3721124.56	1.28894	432819.84
3721275.64	1.44316		
432735.51	3721287.81	1.58661	432701.69
3721285.56	1.65813		
432888.84	3721184.54	1.42728	432798.65
3721183.19	1.61797		
432741.38	3721201.68	1.72330	432669.67
3721211.60	1.88715		
432802.71	3721413.18	1.28920	432674.64
3721290.52	1.70675		
432613.30	3721308.11	1.80046	432550.62
3721318.93	1.91470		
432615.11	3721232.79	1.98262	432534.84
3721218.82	2.25834		
432381.96	3721246.77	2.61683	432413.98
3721344.18	2.12980		
432490.19	3721330.65	2.01023	432375.65
3721348.24	2.19293		
432365.73	3721270.22	2.54537	432314.77
3721271.13	2.65932		
432246.67	3721271.13	2.78474	432302.59
3721208.44	3.07262		
432234.05	3721217.01	3.17870	432247.12
3721359.97	2.32865		
432356.71	3721352.75	2.21067	432289.06
3721101.11	4.01352		
432217.81	3721121.86	4.10839	432214.66
3721047.45	5.10010		
432280.04	3721039.78	4.81277	432195.26
3720984.32	6.50294		
432188.05	3720943.73	7.65419	432243.97
3720808.89	11.23531		
432150.62	3720733.13	25.97449	432249.83
3720693.00	16.06718		
432206.99	3720559.06	25.95984	432232.69
3720348.46	11.54298		
432180.38	3720350.72	14.03086	432183.09
3720281.27	10.06772		
432236.75	3720646.55	19.36632	432042.84
3720348.46	18.38966		
431941.37	3720348.46	15.03671	431888.61
3720357.48	13.92848		
431923.34	3720345.30	13.83439	431907.10
3720352.52	14.22748		
431851.18	3720360.64	12.46268	431852.21
3720441.91	19.20191		
431852.07	3720489.04	23.70308	431845.13
3720523.74	25.24156		
431823.30	3720473.86	18.11132	431823.88
3720457.81	17.14710		
431793.30	3720942.34	6.29239	431690.56
3720987.19	4.39205		

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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL29 ***
 INCLUDING SOURCE(S): VOL29 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	5.15607	432011.44	
3720873.33	12.46689			
432052.07	3720849.95	14.71513	432084.66	
3720824.64	17.08761			
432095.01	3720762.16	26.78229	432127.98	
3720889.43	11.15078			
432095.77	3720936.20	8.98767	431860.12	
3720941.68	6.90436			
431774.93	3721018.65	4.58858	431864.43	
3720908.43	7.97785			
431846.93	3720964.64	6.23658	431144.82	
3719945.78	1.47119			
431157.20	3719933.07	1.49325	431994.43	
3719146.82	0.40582			
431999.70	3719120.50	0.39410	434516.47	
3720617.48	0.25651			
434406.06	3720633.41			
0.28837				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL3 ***
 INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	53.49267	431839.58	
3720538.42	19.30006			
431848.44	3720506.30	15.25553	431808.02	
3720544.24	20.29132			
432072.45	3720450.37	7.11693	432046.42	
3720409.11	6.64584			
432081.39	3720459.96	7.14144	432108.76	
3720473.97	6.77730			
431818.11	3720498.90	14.71700	431824.87	
3720465.08	11.97433			
431746.87	3720630.10	40.62030	431718.91	
3720636.87	36.80421			

431769.86	3720571.04	24.54642	431828.48
3720830.29	143.45094		
431795.56	3720851.94	97.69163	431709.90
3720687.81	55.00197		
431720.72	3720650.84	42.60181	431690.06
3720613.42	24.60422		
431685.55	3720648.14	30.54699	431653.09
3720714.87	32.29846		
431660.75	3720740.12	37.63977	431667.06
3720767.17	44.70285		
431672.47	3720800.08	46.01607	431676.08
3720826.23	43.04928		
431680.14	3720851.94	38.09007	433382.64
3721167.41	0.66577		
433341.15	3721247.68	0.67871	433323.12
3721251.28	0.69032		
432993.01	3721124.56	1.03595	432819.84
3721275.64	1.21574		
432735.51	3721287.81	1.35294	432701.69
3721285.56	1.41873		
432888.84	3721184.54	1.16242	432798.65
3721183.19	1.31434		
432741.38	3721201.68	1.41312	432669.67
3721211.60	1.56430		
432802.71	3721413.18	1.14309	432674.64
3721290.52	1.47027		
432613.30	3721308.11	1.58525	432550.62
3721318.93	1.72830		
432615.11	3721232.79	1.67706	432534.84
3721218.82	1.93394		
432381.96	3721246.77	2.46706	432413.98
3721344.18	2.07976		
432490.19	3721330.65	1.87061	432375.65
3721348.24	2.20153		
432365.73	3721270.22	2.46627	432314.77
3721271.13	2.69185		
432246.67	3721271.13	3.02705	432302.59
3721208.44	3.01736		
432234.05	3721217.01	3.40346	432247.12
3721359.97	2.62414		
432356.71	3721352.75	2.25522	432289.06
3721101.11	3.60823		
432217.81	3721121.86	4.16583	432214.66
3721047.45	4.73338		
432280.04	3721039.78	4.02829	432195.26
3720984.32	5.59602		
432188.05	3720943.73	6.08826	432243.97
3720808.89	5.61136		
432150.62	3720733.13	8.49591	432249.83
3720693.00	5.50473		
432206.99	3720559.06	5.63361	432232.69
3720348.46	3.73291		
432180.38	3720350.72	4.19737	432183.09
3720281.27	3.62983		
432236.75	3720646.55	5.59110	432042.84
3720348.46	5.60016		
431941.37	3720348.46	6.46594	431888.61
3720357.48	6.95560		
431923.34	3720345.30	6.47153	431907.10
3720352.52	6.74463		
431851.18	3720360.64	7.11863	431852.21
3720441.91	10.41465		
431852.07	3720489.04	13.60860	431845.13
3720523.74	17.24586		
431823.30	3720473.86	12.60695	431823.88
3720457.81	11.48729		

431793.30 3720942.34 28.37056 431690.56
3720987.19 14.93544

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL3 ***
INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	23.15077	432011.44	
3720873.33	16.88856			
432052.07	3720849.95	13.77108	432084.66	
3720824.64	11.72565			
432095.01	3720762.16	11.38188	432127.98	
3720889.43	8.74506			
432095.77	3720936.20	9.17354	431860.12	
3720941.68	25.42685			
431774.93	3721018.65	14.07187	431864.43	
3720908.43	34.27110			
431846.93	3720964.64	21.68102	431144.82	
3719945.78	1.39041			
431157.20	3719933.07	1.38477	431994.43	
3719146.82	0.39054			
431999.70	3719120.50	0.37995	434516.47	
3720617.48	0.25122			
434406.06	3720633.41			
0.28081				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL30 ***
INCLUDING SOURCE(S): VOL30 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	13.23003	431839.58	
3720538.42	17.34201			
431848.44	3720506.30	18.49661	431808.02	

3720544.24	13.92328		
432072.45	3720450.37	128.48940	432046.42
3720409.11	56.19376		
432081.39	3720459.96	162.80797	432108.76
3720473.97	179.08903		
431818.11	3720498.90	14.36016	431824.87
3720465.08	14.41863		
431746.87	3720630.10	9.00833	431718.91
3720636.87	7.87855		
431769.86	3720571.04	10.73221	431828.48
3720830.29	7.41421		
431795.56	3720851.94	6.34166	431709.90
3720687.81	7.03650		
431720.72	3720650.84	7.78387	431690.06
3720613.42	7.16679		
431685.55	3720648.14	6.73280	431653.09
3720714.87	5.36314		
431660.75	3720740.12	5.35810	431667.06
3720767.17	5.30741		
431672.47	3720800.08	5.11159	431676.08
3720826.23	4.89707		
431680.14	3720851.94	4.66430	433382.64
3721167.41	0.81794		
433341.15	3721247.68	0.82172	433323.12
3721251.28	0.83577		
432993.01	3721124.56	1.32818	432819.84
3721275.64	1.45352		
432735.51	3721287.81	1.58474	432701.69
3721285.56	1.65107		
432888.84	3721184.54	1.45669	432798.65
3721183.19	1.64313		
432741.38	3721201.68	1.73818	432669.67
3721211.60	1.88687		
432802.71	3721413.18	1.28243	432674.64
3721290.52	1.69352		
432613.30	3721308.11	1.77016	432550.62
3721318.93	1.86309		
432615.11	3721232.79	1.96358	432534.84
3721218.82	2.21082		
432381.96	3721246.77	2.46636	432413.98
3721344.18	2.01591		
432490.19	3721330.65	1.93423	432375.65
3721348.24	2.05734		
432365.73	3721270.22	2.38645	432314.77
3721271.13	2.45870		
432246.67	3721271.13	2.52709	432302.59
3721208.44	2.82942		
432234.05	3721217.01	2.86351	432247.12
3721359.97	2.12334		
432356.71	3721352.75	2.06480	432289.06
3721101.11	3.68333		
432217.81	3721121.86	3.65205	432214.66
3721047.45	4.50350		
432280.04	3721039.78	4.40978	432195.26
3720984.32	5.64002		
432188.05	3720943.73	6.57951	432243.97
3720808.89	10.70609		
432150.62	3720733.13	21.64609	432249.83
3720693.00	17.99685		
432206.99	3720559.06	44.15189	432232.69
3720348.46	18.73045		
432180.38	3720350.72	24.15887	432183.09
3720281.27	15.31665		
432236.75	3720646.55	24.01070	432042.84
3720348.46	28.86007		
431941.37	3720348.46	18.53214	431888.61

3720357.48	15.51296		
431923.34	3720345.30	16.87612	431907.10
3720352.52	16.49512		
431851.18	3720360.64	13.29173	431852.21
3720441.91	17.13933		
431852.07	3720489.04	18.73849	431845.13
3720523.74	18.13221		
431823.30	3720473.86	14.45230	431823.88
3720457.81	14.16408		
431793.30	3720942.34	4.81762	431690.56
3720987.19	3.53212		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL30 ***
INCLUDING SOURCE(S): VOL30 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	4.04667	432011.44	
3720873.33	8.89567			
432052.07	3720849.95	10.46440	432084.66	
3720824.64	12.28348			
432095.01	3720762.16	18.45173	432127.98	
3720889.43	8.84684			
432095.77	3720936.20	7.09751	431860.12	
3720941.68	5.26438			
431774.93	3721018.65	3.69009	431864.43	
3720908.43	5.93671			
431846.93	3720964.64	4.82480	431144.82	
3719945.78	1.53002			
431157.20	3719933.07	1.55988	431994.43	
3719146.82	0.40866			
431999.70	3719120.50	0.39672	434516.47	
3720617.48	0.25019			
434406.06	3720633.41			
0.28106				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL31 ***
INCLUDING SOURCE(S): VOL31 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN

* *

Y-COORD

431824.47	3720637.57	15.66150	431839.58
3720538.42	18.51720		
431848.44	3720506.30	18.91701	431808.02
3720544.24	14.86242		
432072.45	3720450.37	63.28822	432046.42
3720409.11	36.17816		
432081.39	3720459.96	72.65437	432108.76
3720473.97	77.98169		
431818.11	3720498.90	15.07496	431824.87
3720465.08	14.75917		
431746.87	3720630.10	10.18515	431718.91
3720636.87	8.78799		
431769.86	3720571.04	11.90148	431828.48
3720830.29	8.99225		
431795.56	3720851.94	7.52848	431709.90
3720687.81	7.91237		
431720.72	3720650.84	8.72185	431690.06
3720613.42	7.82806		
431685.55	3720648.14	7.39408	431653.09
3720714.87	5.84274		
431660.75	3720740.12	5.88800	431667.06
3720767.17	5.91217		
431672.47	3720800.08	5.74789	431676.08
3720826.23	5.55993		
431680.14	3720851.94	5.32964	433382.64
3721167.41	0.81984		
433341.15	3721247.68	0.82593	433323.12
3721251.28	0.84038		
432993.01	3721124.56	1.34253	432819.84
3721275.64	1.49122		
432735.51	3721287.81	1.63650	432701.69
3721285.56	1.70986		
432888.84	3721184.54	1.48296	432798.65
3721183.19	1.68272		
432741.38	3721201.68	1.78944	432669.67
3721211.60	1.95594		
432802.71	3721413.18	1.32115	432674.64
3721290.52	1.75808		
432613.30	3721308.11	1.84876	432550.62
3721318.93	1.95824		
432615.11	3721232.79	2.04818	432534.84
3721218.82	2.32778		
432381.96	3721246.77	2.65393	432413.98
3721344.18	2.15157		
432490.19	3721330.65	2.04685	432375.65
3721348.24	2.20518		
432365.73	3721270.22	2.57143	432314.77
3721271.13	2.66859		
432246.67	3721271.13	2.76734	432302.59
3721208.44	3.09102		
432234.05	3721217.01	3.15898	432247.12
3721359.97	2.30561		
432356.71	3721352.75	2.21749	432289.06
3721101.11	4.07129		
432217.81	3721121.86	4.09001	432214.66
3721047.45	5.10745		
432280.04	3721039.78	4.91290	432195.26
3720984.32	6.51583		
432188.05	3720943.73	7.69810	432243.97
3720808.89	12.31416		

432150.62	3720733.13	28.61048	432249.83
3720693.00	19.65753		
432206.99	3720559.06	38.93513	432232.69
3720348.46	14.42159		
432180.38	3720350.72	17.62718	432183.09
3720281.27	11.87033		
432236.75	3720646.55	25.28626	432042.84
3720348.46	20.57747		
431941.37	3720348.46	14.43208	431888.61
3720357.48	13.47038		
431923.34	3720345.30	13.36058	431907.10
3720352.52	13.74859		
431851.18	3720360.64	12.18960	431852.21
3720441.91	16.20861		
431852.07	3720489.04	19.29310	431845.13
3720523.74	18.99366		
431823.30	3720473.86	14.89647	431823.88
3720457.81	14.43443		
431793.30	3720942.34	5.61845	431690.56
3720987.19	3.99699		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL31 ***
INCLUDING SOURCE(S): VOL31 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	4.58509	432011.44	
3720873.33	11.25568			
432052.07	3720849.95	13.48656	432084.66	
3720824.64	16.07033			
432095.01	3720762.16	25.76927	432127.98	
3720889.43	10.85577			
432095.77	3720936.20	8.58966	431860.12	
3720941.68	6.24657			
431774.93	3721018.65	4.22571	431864.43	
3720908.43	7.13116			
431846.93	3720964.64	5.67086	431144.82	
3719945.78	1.59707			
431157.20	3719933.07	1.61980	431994.43	
3719146.82	0.37970			
431999.70	3719120.50	0.36898	434516.47	
3720617.48	0.23533			
434406.06	3720633.41			
0.26367				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL32 ***
INCLUDING SOURCE(S): VOL32 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
(M)	CONC					
431824.47	3720637.57	23.32353		431839.58		
3720538.42	21.79093					
431848.44	3720506.30	19.89774		431808.02		
3720544.24	17.99005					
432072.45	3720450.37	24.77487		432046.42		
3720409.11	18.34483					
432081.39	3720459.96	26.35950		432108.76		
3720473.97	26.96912					
431818.11	3720498.90	16.43442		431824.87		
3720465.08	14.69493					
431746.87	3720630.10	13.54064		431718.91		
3720636.87	11.38761					
431769.86	3720571.04	15.01469		431828.48		
3720830.29	14.83464					
431795.56	3720851.94	11.65126		431709.90		
3720687.81	10.58648					
431720.72	3720650.84	11.46073		431690.06		
3720613.42	9.70702					
431685.55	3720648.14	9.34372		431653.09		
3720714.87	7.39549					
431660.75	3720740.12	7.58161		431667.06		
3720767.17	7.78894					
431672.47	3720800.08	7.70454		431676.08		
3720826.23	7.55937					
431680.14	3720851.94	7.32255		433382.64		
3721167.41	0.80468					
433341.15	3721247.68	0.81503		433323.12		
3721251.28	0.82970					
432993.01	3721124.56	1.32543		432819.84		
3721275.64	1.51475					
432735.51	3721287.81	1.68207		432701.69		
3721285.56	1.76612					
432888.84	3721184.54	1.48183		432798.65		
3721183.19	1.69545					
432741.38	3721201.68	1.81990		432669.67		
3721211.60	2.01384					
432802.71	3721413.18	1.36043		432674.64		
3721290.52	1.82462					
432613.30	3721308.11	1.94301		432550.62		
3721318.93	2.08607					
432615.11	3721232.79	2.13608		432534.84		
3721218.82	2.46881					
432381.96	3721246.77	2.95869		432413.98		
3721344.18	2.37539					
432490.19	3721330.65	2.21353		432375.65		
3721348.24	2.46169					
432365.73	3721270.22	2.88416		432314.77		
3721271.13	3.05071					
432246.67	3721271.13	3.24701		432302.59		
3721208.44	3.56255					
432234.05	3721217.01	3.75337		432247.12		

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL32 ***
      INCLUDING SOURCE(S): VOL32 ,

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	6.23011	432011.44	
3720873.33	19.78210			
432052.07	3720849.95	23.97287	432084.66	
3720824.64	27.85901			
432095.01	3720762.16	46.96955	432127.98	
3720889.43	15.76098			
432095.77	3720936.20	12.62871	431860.12	
3720941.68	9.45855			
431774.93	3721018.65	5.81721	431864.43	
3720908.43	11.22214			
431846.93	3720964.64	8.36175	431144.82	
3719945.78	1.63252			
431157.20	3719933.07	1.63484	431994.43	
3719146.82	0.34201			
431999.70	3719120.50	0.33283	434516.47	
3720617.48	0.21603			

434406.06 3720633.41
0.24095

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL33 ***
INCLUDING SOURCE(S): VOL33 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	33.24326	431839.58	
3720538.42	20.55126			
431848.44	3720506.30	17.04258	431808.02	
3720544.24	18.82989			
432072.45	3720450.37	14.41171	432046.42	
3720409.11	11.86806			
432081.39	3720459.96	14.92714	432108.76	
3720473.97	14.91814			
431818.11	3720498.90	14.67253	431824.87	
3720465.08	11.98807			
431746.87	3720630.10	18.07126	431718.91	
3720636.87	14.90205			
431769.86	3720571.04	17.94986	431828.48	
3720830.29	27.97083			
431795.56	3720851.94	19.83589	431709.90	
3720687.81	14.28275			
431720.72	3720650.84	15.17502	431690.06	
3720613.42	12.25952			
431685.55	3720648.14	11.94035	431653.09	
3720714.87	9.47682			
431660.75	3720740.12	9.92840	431667.06	
3720767.17	10.49054			
431672.47	3720800.08	10.62049	431676.08	
3720826.23	10.62548			
431680.14	3720851.94	10.41784	433382.64	
3721167.41	0.77527			
433341.15	3721247.68	0.78876	433323.12	
3721251.28	0.80306			
432993.01	3721124.56	1.27115	432819.84	
3721275.64	1.48140			
432735.51	3721287.81	1.65696	432701.69	
3721285.56	1.74475			
432888.84	3721184.54	1.43074	432798.65	
3721183.19	1.64167			
432741.38	3721201.68	1.77184	432669.67	
3721211.60	1.97462			
432802.71	3721413.18	1.35079	432674.64	
3721290.52	1.80854			
432613.30	3721308.11	1.94471	432550.62	
3721318.93	2.11007			
432615.11	3721232.79	2.11433	432534.84	
3721218.82	2.46755			

432381.96	3721246.77	3.08185	432413.98
3721344.18	2.47802		
432490.19	3721330.65	2.26738	432375.65
3721348.24	2.59463		
432365.73	3721270.22	3.02870	432314.77
3721271.13	3.26229		
432246.67	3721271.13	3.57175	432302.59
3721208.44	3.80392		
432234.05	3721217.01	4.14685	432247.12
3721359.97	2.93901		
432356.71	3721352.75	2.63854	432289.06
3721101.11	4.99350		
432217.81	3721121.86	5.50937	432214.66
3721047.45	6.89046		
432280.04	3721039.78	5.95898	432195.26
3720984.32	9.00034		
432188.05	3720943.73	10.62533	432243.97
3720808.89	11.73972		
432150.62	3720733.13	25.73656	432249.83
3720693.00	12.44269		
432206.99	3720559.06	13.19113	432232.69
3720348.46	6.36672		
432180.38	3720350.72	7.22352	432183.09
3720281.27	5.67887		
432236.75	3720646.55	13.05043	432042.84
3720348.46	8.49418		
431941.37	3720348.46	6.53084	431888.61
3720357.48	6.65186		
431923.34	3720345.30	6.07229	431907.10
3720352.52	6.50932		
431851.18	3720360.64	6.39991	431852.21
3720441.91	11.45963		
431852.07	3720489.04	15.45070	431845.13
3720523.74	18.95904		
431823.30	3720473.86	12.61954	431823.88
3720457.81	11.44948		
431793.30	3720942.34	12.60251	431690.56
3720987.19	7.45966		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL33 ***
    INCLUDING SOURCE(S): VOL33

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	8.82909	432011.44	
3720873.33	33.11574			
432052.07	3720849.95	34.85391	432084.66	
3720824.64	33.69436			
432095.01	3720762.16	42.80580	432127.98	
3720889.43	17.93282			
432095.77	3720936.20	15.90578	431860.12	

3720941.68	15.07581		
431774.93	3721018.65	8.20775	431864.43
3720908.43	19.03574		
431846.93	3720964.64	12.84137	431144.82
3719945.78	1.59900		
431157.20	3719933.07	1.58073	431994.43
3719146.82	0.31630		
431999.70	3719120.50	0.30814	434516.47
3720617.48	0.19986		
434406.06	3720633.41		
0.22190			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL34 ***
 INCLUDING SOURCE(S): VOL34 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	33.95511	431839.58	
3720538.42	29.16513			
431848.44	3720506.30	25.46261	431808.02	
3720544.24	23.45675			
432072.45	3720450.37	22.08152	432046.42	
3720409.11	17.24469			
432081.39	3720459.96	23.01223	432108.76	
3720473.97	22.22523			
431818.11	3720498.90	20.14084	431824.87	
3720465.08	17.39961			
431746.87	3720630.10	17.01410	431718.91	
3720636.87	14.12539			
431769.86	3720571.04	19.13847	431828.48	
3720830.29	17.13588			
431795.56	3720851.94	13.36959	431709.90	
3720687.81	13.17041			
431720.72	3720650.84	14.31507	431690.06	
3720613.42	11.80785			
431685.55	3720648.14	11.61821	431653.09	
3720714.87	9.34240			
431660.75	3720740.12	9.46257	431667.06	
3720767.17	9.41557			
431672.47	3720800.08	9.06286	431676.08	
3720826.23	8.73543			
431680.14	3720851.94	8.35596	433382.64	
3721167.41	0.77378			
433341.15	3721247.68	0.78342	433323.12	
3721251.28	0.79727			
432993.01	3721124.56	1.25337	432819.84	
3721275.64	1.43299			
432735.51	3721287.81	1.58810	432701.69	
3721285.56	1.66480			
432888.84	3721184.54	1.39936	432798.65	

3721183.19	1.59304		
432741.38	3721201.68	1.70738	432669.67
3721211.60	1.88501		
432802.71	3721413.18	1.29702	432674.64
3721290.52	1.71957		
432613.30	3721308.11	1.83113	432550.62
3721318.93	1.96756		
432615.11	3721232.79	1.99922	432534.84
3721218.82	2.30226		
432381.96	3721246.77	2.77250	432413.98
3721344.18	2.25132		
432490.19	3721330.65	2.08961	432375.65
3721348.24	2.33968		
432365.73	3721270.22	2.71354	432314.77
3721271.13	2.87913		
432246.67	3721271.13	3.08311	432302.59
3721208.44	3.33336		
432234.05	3721217.01	3.54181	432247.12
3721359.97	2.56928		
432356.71	3721352.75	2.37009	432289.06
3721101.11	4.34111		
432217.81	3721121.86	4.62085	432214.66
3721047.45	5.73205		
432280.04	3721039.78	5.18018	432195.26
3720984.32	7.37851		
432188.05	3720943.73	8.68015	432243.97
3720808.89	10.92870		
432150.62	3720733.13	24.96882	432249.83
3720693.00	13.15287		
432206.99	3720559.06	16.29153	432232.69
3720348.46	7.93113		
432180.38	3720350.72	9.26744	432183.09
3720281.27	7.13201		
432236.75	3720646.55	14.53628	432042.84
3720348.46	12.07313		
431941.37	3720348.46	11.15800	431888.61
3720357.48	11.02460		
431923.34	3720345.30	10.42976	431907.10
3720352.52	10.96665		
431851.18	3720360.64	10.31003	431852.21
3720441.91	17.23889		
431852.07	3720489.04	23.20292	431845.13
3720523.74	27.84960		
431823.30	3720473.86	18.11012	431823.88
3720457.81	16.64785		
431793.30	3720942.34	8.79653	431690.56
3720987.19	5.71952		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL34 ***
      INCLUDING SOURCE(S) :      VOL34

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3                                     **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

431680.98	3720921.25	6.89642	432011.44
3720873.33	18.87874		
432052.07	3720849.95	21.43667	432084.66
3720824.64	23.15884		
432095.01	3720762.16	33.72969	432127.98
3720889.43	13.68004		
432095.77	3720936.20	11.49064	431860.12
3720941.68	9.77849		
431774.93	3721018.65	6.01045	431864.43
3720908.43	11.72701		
431846.93	3720964.64	8.63658	431144.82
3719945.78	1.45371		
431157.20	3719933.07	1.46608	431994.43
3719146.82	0.38748		
431999.70	3719120.50	0.37659	434516.47
3720617.48	0.25034		
434406.06	3720633.41		
0.28110			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL4 ***
 INCLUDING SOURCE(S): VOL4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD

431824.47	3720637.57	117.66738	431839.58	
3720538.42	30.17719			
431848.44	3720506.30	22.39386	431808.02	
3720544.24	34.23441			
432072.45	3720450.37	7.64055	432046.42	
3720409.11	7.38218			
432081.39	3720459.96	7.58687	432108.76	
3720473.97	7.02310			
431818.11	3720498.90	22.41853	431824.87	
3720465.08	17.30514			
431746.87	3720630.10	113.75370	431718.91	
3720636.87	95.38915			
431769.86	3720571.04	47.96744	431828.48	
3720830.29	47.18891			
431795.56	3720851.94	40.50102	431709.90	
3720687.81	149.62983			
431720.72	3720650.84	120.95404	431690.06	
3720613.42	51.80014			
431685.55	3720648.14	67.67365	431653.09	
3720714.87	49.50044			
431660.75	3720740.12	55.23210	431667.06	
3720767.17	52.95737			
431672.47	3720800.08	43.83979	431676.08	
3720826.23	35.74430			

431680.14	3720851.94	29.21091	433382.64
3721167.41	0.63791		
433341.15	3721247.68	0.64831	433323.12
3721251.28	0.65893		
432993.01	3721124.56	0.97599	432819.84
3721275.64	1.12827		
432735.51	3721287.81	1.24641	432701.69
3721285.56	1.30281		
432888.84	3721184.54	1.08615	432798.65
3721183.19	1.21939		
432741.38	3721201.68	1.30387	432669.67
3721211.60	1.43276		
432802.71	3721413.18	1.05885	432674.64
3721290.52	1.34646		
432613.30	3721308.11	1.44218	432550.62
3721318.93	1.56074		
432615.11	3721232.79	1.52622	432534.84
3721218.82	1.74188		
432381.96	3721246.77	2.16747	432413.98
3721344.18	1.84435		
432490.19	3721330.65	1.67629	432375.65
3721348.24	1.94139		
432365.73	3721270.22	2.16229	432314.77
3721271.13	2.33749		
432246.67	3721271.13	2.59275	432302.59
3721208.44	2.60308		
432234.05	3721217.01	2.89025	432247.12
3721359.97	2.26988		
432356.71	3721352.75	1.98347	432289.06
3721101.11	3.09063		
432217.81	3721121.86	3.49143	432214.66
3721047.45	3.95163		
432280.04	3721039.78	3.44133	432195.26
3720984.32	4.63453		
432188.05	3720943.73	5.04055	432243.97
3720808.89	4.89990		
432150.62	3720733.13	7.42258	432249.83
3720693.00	5.02743		
432206.99	3720559.06	5.43955	432232.69
3720348.46	3.84742		
432180.38	3720350.72	4.39597	432183.09
3720281.27	3.85875		
432236.75	3720646.55	5.19893	432042.84
3720348.46	6.34345		
431941.37	3720348.46	7.94808	431888.61
3720357.48	8.87141		
431923.34	3720345.30	8.06729	431907.10
3720352.52	8.49338		
431851.18	3720360.64	9.30716	431852.21
3720441.91	14.26496		
431852.07	3720489.04	19.46368	431845.13
3720523.74	26.05616		
431823.30	3720473.86	18.44756	431823.88
3720457.81	16.47134		
431793.30	3720942.34	17.42430	431690.56
3720987.19	11.26443		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL4 ***

INCLUDING SOURCE(S) : VOL4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	17.13732	432011.44	
3720873.33	12.01286			
432052.07	3720849.95	10.43852	432084.66	
3720824.64	9.31045			
432095.01	3720762.16	9.49396	432127.98	
3720889.43	7.01839			
432095.77	3720936.20	7.14143	431860.12	
3720941.68	15.31211			
431774.93	3721018.65	10.07016	431864.43	
3720908.43	18.95999			
431846.93	3720964.64	13.68482	431144.82	
3719945.78	1.54801			
431157.20	3719933.07	1.54312	431994.43	
3719146.82	0.43790			
431999.70	3719120.50	0.42542	434516.47	
3720617.48	0.26499			
434406.06	3720633.41			
0.30302				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL5 ***
INCLUDING SOURCE(S) : VOL5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	155.36311	431839.58	
3720538.42	33.62121			
431848.44	3720506.30	24.65981	431808.02	
3720544.24	34.12684			
432072.45	3720450.37	9.71914	432046.42	
3720409.11	9.02361			
432081.39	3720459.96	9.72730	432108.76	
3720473.97	9.06803			
431818.11	3720498.90	22.75498	431824.87	
3720465.08	17.61594			
431746.87	3720630.10	58.35253	431718.91	
3720636.87	42.31444			
431769.86	3720571.04	38.93589	431828.48	
3720830.29	53.38639			
431795.56	3720851.94	37.74223	431709.90	

3720687.81	46.53063		
431720.72	3720650.84	46.72140	431690.06
3720613.42	28.28255		
431685.55	3720648.14	31.21951	431653.09
3720714.87	24.53047		
431660.75	3720740.12	26.01903	431667.06
3720767.17	26.50913		
431672.47	3720800.08	25.32776	431676.08
3720826.23	23.20676		
431680.14	3720851.94	20.73632	433382.64
3721167.41	0.67975		
433341.15	3721247.68	0.69094	433323.12
3721251.28	0.70265		
432993.01	3721124.56	1.06182	432819.84
3721275.64	1.23117		
432735.51	3721287.81	1.36556	432701.69
3721285.56	1.43054		
432888.84	3721184.54	1.18605	432798.65
3721183.19	1.34018		
432741.38	3721201.68	1.43722	432669.67
3721211.60	1.58634		
432802.71	3721413.18	1.14600	432674.64
3721290.52	1.48005		
432613.30	3721308.11	1.58780	432550.62
3721318.93	1.72081		
432615.11	3721232.79	1.69306	432534.84
3721218.82	1.94606		
432381.96	3721246.77	2.43050	432413.98
3721344.18	2.03335		
432490.19	3721330.65	1.84950	432375.65
3721348.24	2.13873		
432365.73	3721270.22	2.41511	432314.77
3721271.13	2.61119		
432246.67	3721271.13	2.89156	432302.59
3721208.44	2.94803		
432234.05	3721217.01	3.26472	432247.12
3721359.97	2.48493		
432356.71	3721352.75	2.18299	432289.06
3721101.11	3.59947		
432217.81	3721121.86	4.05656	432214.66
3721047.45	4.71477		
432280.04	3721039.78	4.08286	432195.26
3720984.32	5.69039		
432188.05	3720943.73	6.31070	432243.97
3720808.89	6.26280		
432150.62	3720733.13	10.26538	432249.83
3720693.00	6.47465		
432206.99	3720559.06	7.02112	432232.69
3720348.46	4.56293		
432180.38	3720350.72	5.23697	432183.09
3720281.27	4.45778		
432236.75	3720646.55	6.72346	432042.84
3720348.46	7.36408		
431941.37	3720348.46	8.59967	431888.61
3720357.48	9.26709		
431923.34	3720345.30	8.57113	431907.10
3720352.52	8.97574		
431851.18	3720360.64	9.41172	431852.21
3720441.91	15.09316		
431852.07	3720489.04	21.27275	431845.13
3720523.74	28.99942		
431823.30	3720473.86	18.77106	431823.88
3720457.81	16.71095		
431793.30	3720942.34	16.83463	431690.56
3720987.19	10.05903		



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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL5 ***
INCLUDING SOURCE(S): VOL5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	14.11415	432011.44	
3720873.33	17.03174			
432052.07	3720849.95	14.91018	432084.66	
3720824.64	13.23794			
432095.01	3720762.16	13.83172	432127.98	
3720889.43	9.27369			
432095.77	3720936.20	9.23027	431860.12	
3720941.68	16.67288			
431774.93	3721018.65	9.69892	431864.43	
3720908.43	21.52618			
431846.93	3720964.64	14.38976	431144.82	
3719945.78	1.48012			
431157.20	3719933.07	1.47926	431994.43	
3719146.82	0.39663			
431999.70	3719120.50	0.38566	434516.47	
3720617.48	0.24514			
434406.06	3720633.41			
0.27427				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL6 ***
INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
431824.47	3720637.57	28.73212	431839.58	
3720538.42	15.18163			
431848.44	3720506.30	12.53821	431808.02	
3720544.24	14.46021			
432072.45	3720450.37	7.76004	432046.42	
3720409.11	6.92866			

432081.39	3720459.96	7.89221	432108.76
3720473.97	7.73195		
431818.11	3720498.90	11.08726	431824.87
3720465.08	9.22203		
431746.87	3720630.10	20.77161	431718.91
3720636.87	19.10064		
431769.86	3720571.04	15.13993	431828.48
3720830.29	223.97562		
431795.56	3720851.94	89.16616	431709.90
3720687.81	23.89799		
431720.72	3720650.84	20.92838	431690.06
3720613.42	14.96314		
431685.55	3720648.14	17.40450	431653.09
3720714.87	17.14713		
431660.75	3720740.12	18.85345	431667.06
3720767.17	20.73880		
431672.47	3720800.08	22.24023	431676.08
3720826.23	22.86702		
431680.14	3720851.94	23.42326	433382.64
3721167.41	0.72132		
433341.15	3721247.68	0.73714	433323.12
3721251.28	0.75044		
432993.01	3721124.56	1.15769	432819.84
3721275.64	1.37679		
432735.51	3721287.81	1.54639	432701.69
3721285.56	1.62930		
432888.84	3721184.54	1.31064	432798.65
3721183.19	1.49911		
432741.38	3721201.68	1.62291	432669.67
3721211.60	1.81432		
432802.71	3721413.18	1.28614	432674.64
3721290.52	1.69358		
432613.30	3721308.11	1.83811	432550.62
3721318.93	2.01750		
432615.11	3721232.79	1.95843	432534.84
3721218.82	2.29255		
432381.96	3721246.77	2.99233	432413.98
3721344.18	2.45984		
432490.19	3721330.65	2.19811	432375.65
3721348.24	2.61168		
432365.73	3721270.22	2.98353	432314.77
3721271.13	3.28156		
432246.67	3721271.13	3.72372	432302.59
3721208.44	3.75272		
432234.05	3721217.01	4.27538	432247.12
3721359.97	3.13656		
432356.71	3721352.75	2.67753	432289.06
3721101.11	4.65282		
432217.81	3721121.86	5.46052	432214.66
3721047.45	6.41333		
432280.04	3721039.78	5.30512	432195.26
3720984.32	7.87504		
432188.05	3720943.73	8.74439	432243.97
3720808.89	7.74134		
432150.62	3720733.13	12.44258	432249.83
3720693.00	7.27110		
432206.99	3720559.06	7.02271	432232.69
3720348.46	4.12210		
432180.38	3720350.72	4.57490	432183.09
3720281.27	3.83782		
432236.75	3720646.55	7.27325	432042.84
3720348.46	5.60970		
431941.37	3720348.46	5.48870	431888.61
3720357.48	5.61357		
431923.34	3720345.30	5.22846	431907.10
3720352.52	5.51285		

431851.18	3720360.64	5.42674	431852.21
3720441.91	8.89143		
431852.07	3720489.04	11.38926	431845.13
3720523.74	13.90052		
431823.30	3720473.86	9.64642	431823.88
3720457.81	8.86584		
431793.30	3720942.34	32.50410	431690.56
3720987.19	14.25023		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL6 ***
INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	18.85447	432011.44	
3720873.33	34.13015			
432052.07	3720849.95	25.33915	432084.66	
3720824.64	20.00628			
432095.01	3720762.16	18.44122	432127.98	
3720889.43	13.69832			
432095.77	3720936.20	14.60667	431860.12	
3720941.68	37.74171			
431774.93	3721018.65	15.57929	431864.43	
3720908.43	58.64061			
431846.93	3720964.64	29.35804	431144.82	
3719945.78	1.36110			
431157.20	3719933.07	1.34383	431994.43	
3719146.82	0.32623			
431999.70	3719120.50	0.31793	434516.47	
3720617.48	0.21322			
434406.06	3720633.41			
0.23770				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL7 ***
INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD

(M)	CONC		
431824.47	3720637.57	49.76701	431839.58
3720538.42	19.24492		
431848.44	3720506.30	15.36351	431808.02
3720544.24	19.21792		
432072.45	3720450.37	8.29810	432046.42
3720409.11	7.47857		
432081.39	3720459.96	8.40143	432108.76
3720473.97	8.07892		
431818.11	3720498.90	14.30567	431824.87
3720465.08	11.76495		
431746.87	3720630.10	29.75350	431718.91
3720636.87	25.63871		
431769.86	3720571.04	21.30715	431828.48
3720830.29	124.89745		
431795.56	3720851.94	65.13223	431709.90
3720687.81	31.57363		
431720.72	3720650.84	28.28015	431690.06
3720613.42	18.34845		
431685.55	3720648.14	21.01945	431653.09
3720714.87	20.18904		
431660.75	3720740.12	22.20728	431667.06
3720767.17	24.06950		
431672.47	3720800.08	25.58863	431676.08
3720826.23	25.04380		
431680.14	3720851.94	23.60545	433382.64
3721167.41	0.70375		
433341.15	3721247.68	0.71740	433323.12
3721251.28	0.73004		
432993.01	3721124.56	1.11428	432819.84
3721275.64	1.31182		
432735.51	3721287.81	1.46522	432701.69
3721285.56	1.53938		
432888.84	3721184.54	1.25498	432798.65
3721183.19	1.42682		
432741.38	3721201.68	1.53817	432669.67
3721211.60	1.70980		
432802.71	3721413.18	1.22488	432674.64
3721290.52	1.59700		
432613.30	3721308.11	1.72458	432550.62
3721318.93	1.88338		
432615.11	3721232.79	1.83657	432534.84
3721218.82	2.13223		
432381.96	3721246.77	2.73260	432413.98
3721344.18	2.26706		
432490.19	3721330.65	2.03978	432375.65
3721348.24	2.39857		
432365.73	3721270.22	2.72167	432314.77
3721271.13	2.97104		
432246.67	3721271.13	3.33463	432302.59
3721208.44	3.37546		
432234.05	3721217.01	3.79802	432247.12
3721359.97	2.83926		
432356.71	3721352.75	2.45491	432289.06
3721101.11	4.14741		
432217.81	3721121.86	4.78477	432214.66
3721047.45	5.58300		
432280.04	3721039.78	4.71448	432195.26
3720984.32	6.79698		
432188.05	3720943.73	7.53611	432243.97
3720808.89	6.99804		
432150.62	3720733.13	11.33604	432249.83
3720693.00	6.83946		
432206.99	3720559.06	6.89795	432232.69

3720348.46	4.22415		
432180.38	3720350.72	4.73751	432183.09
3720281.27	4.00343		
432236.75	3720646.55	6.93558	432042.84
3720348.46	6.11200		
431941.37	3720348.46	6.72910	431888.61
3720357.48	7.06924		
431923.34	3720345.30	6.67037	431907.10
3720352.52	6.91055		
431851.18	3720360.64	7.10946	431852.21
3720441.91	10.46987		
431852.07	3720489.04	13.73642	431845.13
3720523.74	17.32371		
431823.30	3720473.86	12.35885	431823.88
3720457.81	11.28446		
431793.30	3720942.34	24.53610	431690.56
3720987.19	12.33444		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL7 ***
 INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431680.98	3720921.25	17.09791	432011.44	
3720873.33	24.92211			
432052.07	3720849.95	19.97753	432084.66	
3720824.64	16.61110			
432095.01	3720762.16	16.14817	432127.98	
3720889.43	11.50478			
432095.77	3720936.20	11.88207	431860.12	
3720941.68	26.34702			
431774.93	3721018.65	12.70078	431864.43	
3720908.43	37.55328			
431846.93	3720964.64	21.45197	431144.82	
3719945.78	1.33193			
431157.20	3719933.07	1.32959	431994.43	
3719146.82	0.37899			
431999.70	3719120.50	0.36877	434516.47	
3720617.48	0.25389			
434406.06	3720633.41			
0.28464				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: VOL8 ***
INCLUDING SOURCE(S): VOL8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	41.27809	431839.58	
3720538.42	20.28577			
431848.44	3720506.30	17.28035	431808.02	
3720544.24	18.93823			
432072.45	3720450.37	11.21576	432046.42	
3720409.11	9.64702			
432081.39	3720459.96	11.48454	432108.76	
3720473.97	11.24804			
431818.11	3720498.90	14.39210	431824.87	
3720465.08	11.77789			
431746.87	3720630.10	22.43299	431718.91	
3720636.87	19.08508			
431769.86	3720571.04	18.92898	431828.48	
3720830.29	49.65609			
431795.56	3720851.94	31.63131	431709.90	
3720687.81	19.55571			
431720.72	3720650.84	19.95364	431690.06	
3720613.42	15.21816			
431685.55	3720648.14	15.66492	431653.09	
3720714.87	12.89189			
431660.75	3720740.12	13.71050	431667.06	
3720767.17	14.53698			
431672.47	3720800.08	14.71538	431676.08	
3720826.23	14.52283			
431680.14	3720851.94	14.05617	433382.64	
3721167.41	0.74753			
433341.15	3721247.68	0.76137	433323.12	
3721251.28	0.77507			
432993.01	3721124.56	1.21015	432819.84	
3721275.64	1.41978			
432735.51	3721287.81	1.58920	432701.69	
3721285.56	1.67280			
432888.84	3721184.54	1.36408	432798.65	
3721183.19	1.56083			
432741.38	3721201.68	1.68538	432669.67	
3721211.60	1.87880			
432802.71	3721413.18	1.30831	432674.64	
3721290.52	1.73548			
432613.30	3721308.11	1.87193	432550.62	
3721318.93	2.03955			
432615.11	3721232.79	2.01707	432534.84	
3721218.82	2.35378			
432381.96	3721246.77	2.98771	432413.98	
3721344.18	2.42841			
432490.19	3721330.65	2.20204	432375.65	
3721348.24	2.55664			
432365.73	3721270.22	2.95370	432314.77	
3721271.13	3.20605			
432246.67	3721271.13	3.55765	432302.59	
3721208.44	3.70510			
432234.05	3721217.01	4.10811	432247.12	
3721359.97	2.96167			
432356.71	3721352.75	2.60831	432289.06	
3721101.11	4.74251			

432217.81	3721121.86	5.36402	432214.66
3721047.45	6.53071		
432280.04	3721039.78	5.54984	432195.26
3720984.32	8.31217		
432188.05	3720943.73	9.55551	432243.97
3720808.89	9.53911		
432150.62	3720733.13	17.96483	432249.83
3720693.00	9.59459		
432206.99	3720559.06	9.80468	432232.69
3720348.46	5.29476		
432180.38	3720350.72	5.97211	432183.09
3720281.27	4.85539		
432236.75	3720646.55	9.84976	432042.84
3720348.46	7.41318		
431941.37	3720348.46	6.73352	431888.61
3720357.48	6.84310		
431923.34	3720345.30	6.33239	431907.10
3720352.52	6.72162		
431851.18	3720360.64	6.55967	431852.21
3720441.91	11.67857		
431852.07	3720489.04	15.53411	431845.13
3720523.74	18.59951		
431823.30	3720473.86	12.37769	431823.88
3720457.81	11.26182		
431793.30	3720942.34	16.94228	431690.56
3720987.19	9.26768		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL8 ***
    INCLUDING SOURCE(S) : VOL8

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3                      **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	11.56818	432011.44	
3720873.33	34.56805			
432052.07	3720849.95	30.83114	432084.66	
3720824.64	26.60660			
432095.01	3720762.16	28.26443	432127.98	
3720889.43	15.75216			
432095.77	3720936.20	15.13118	431860.12	
3720941.68	19.71285			
431774.93	3721018.65	10.00834	431864.43	
3720908.43	26.23285			
431846.93	3720964.64	16.42207	431144.82	
3719945.78	1.48227			
431157.20	3719933.07	1.46864	431994.43	
3719146.82	0.33400			
431999.70	3719120.50	0.32529	434516.47	
3720617.48	0.21463			
434406.06	3720633.41			
0.23934				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL9 ***
 INCLUDING SOURCE(S): VOL9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN			**
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD	
(M)	CONC				
431824.47	3720637.57	460.27269	431839.58		
3720538.42	70.21892				
431848.44	3720506.30	45.49006	431808.02		
3720544.24	64.36158				
432072.45	3720450.37	13.09143	432046.42		
3720409.11	12.28002				
432081.39	3720459.96	12.99551	432108.76		
3720473.97	11.74127				
431818.11	3720498.90	38.84191	431824.87		
3720465.08	28.10813				
431746.87	3720630.10	62.63547	431718.91		
3720636.87	40.65484				
431769.86	3720571.04	61.01708	431828.48		
3720830.29	26.70342				
431795.56	3720851.94	20.78212	431709.90		
3720687.81	34.82980				
431720.72	3720650.84	41.75283	431690.06		
3720613.42	28.50882				
431685.55	3720648.14	27.96727	431653.09		
3720714.87	19.04874				
431660.75	3720740.12	19.09516	431667.06		
3720767.17	18.48472				
431672.47	3720800.08	16.85907	431676.08		
3720826.23	15.34661				
431680.14	3720851.94	13.80541	433382.64		
3721167.41	0.68212				
433341.15	3721247.68	0.69123	433323.12		
3721251.28	0.70271				
432993.01	3721124.56	1.06217	432819.84		
3721275.64	1.21486				
432735.51	3721287.81	1.34048	432701.69		
3721285.56	1.40147				
432888.84	3721184.54	1.17941	432798.65		
3721183.19	1.32846				
432741.38	3721201.68	1.41912	432669.67		
3721211.60	1.55856				
432802.71	3721413.18	1.12207	432674.64		
3721290.52	1.44673				
432613.30	3721308.11	1.54258	432550.62		
3721318.93	1.66033				
432615.11	3721232.79	1.65389	432534.84		
3721218.82	1.88853				
432381.96	3721246.77	2.30254	432413.98		
3721344.18	1.92558				
432490.19	3721330.65	1.77094	432375.65		

3721348.24	2.01314		
432365.73	3721270.22	2.27787	432314.77
3721271.13	2.43897		
432246.67	3721271.13	2.66099	432302.59
3721208.44	2.75632		
432234.05	3721217.01	2.99922	432247.12
3721359.97	2.28559		
432356.71	3721352.75	2.04823	432289.06
3721101.11	3.39275		
432217.81	3721121.86	3.73163	432214.66
3721047.45	4.37884		
432280.04	3721039.78	3.87844	432195.26
3720984.32	5.31764		
432188.05	3720943.73	5.95528	432243.97
3720808.89	6.37514		
432150.62	3720733.13	10.94269	432249.83
3720693.00	6.99971		
432206.99	3720559.06	8.20633	432232.69
3720348.46	5.42960		
432180.38	3720350.72	6.39044	432183.09
3720281.27	5.39501		
432236.75	3720646.55	7.46692	432042.84
3720348.46	9.77538		
431941.37	3720348.46	11.89972	431888.61
3720357.48	12.94146		
431923.34	3720345.30	11.83442	431907.10
3720352.52	12.49051		
431851.18	3720360.64	13.04919	431852.21
3720441.91	23.53413		
431852.07	3720489.04	37.15945	431845.13
3720523.74	57.13748		
431823.30	3720473.86	30.45607	431823.88
3720457.81	26.24189		
431793.30	3720942.34	11.34248	431690.56
3720987.19	7.46306		

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL9 ***
    INCLUDING SOURCE(S) :      VOL9

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
431680.98	3720921.25	9.94564	432011.44	
3720873.33	14.10306			
432052.07	3720849.95	13.35021	432084.66	
3720824.64	12.56995			
432095.01	3720762.16	14.20586	432127.98	
3720889.43	8.65996			
432095.77	3720936.20	8.23605	431860.12	
3720941.68	11.43839			
431774.93	3721018.65	7.21098	431864.43	
3720908.43	14.05940			

431846.93	3720964.64	10.10729	431144.82
3719945.78	1.56322		
431157.20	3719933.07	1.56934	431994.43
3719146.82	0.41844		
431999.70	3719120.50	0.40647	434516.47
3720617.48	0.24944		
434406.06	3720633.41		
0.27919			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , VOL2 ,
 VOL3 , VOL4 , VOL5 ,
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
 VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,
 VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,
 VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431824.47	3720637.57	2429.63864	431839.58	3720538.42
1794.89808				
431848.44	3720506.30	1476.96981	431808.02	3720544.24
1286.70633				
432072.45	3720450.37	1647.88334	432046.42	3720409.11
1366.42547				
432081.39	3720459.96	1633.13824	432108.76	3720473.97
1275.30631				
431818.11	3720498.90	1056.92681	431824.87	
3720465.08	898.52294			
431746.87	3720630.10	1128.61299	431718.91	
3720636.87	907.11483			
431769.86	3720571.04	1010.85353	431828.48	3720830.29
1145.21769				
431795.56	3720851.94	805.89900	431709.90	3720687.81
1180.21109				
431720.72	3720650.84	1010.29719	431690.06	
3720613.42	641.41342			
431685.55	3720648.14	698.71448	431653.09	
3720714.87	571.18097			
431660.75	3720740.12	630.88303	431667.06	
3720767.17	665.80226			
431672.47	3720800.08	627.47392	431676.08	
3720826.23	553.01063			
431680.14	3720851.94	479.70478	433382.64	
3721167.41	24.53741			
433341.15	3721247.68	24.80131	433323.12	
3721251.28	25.21707			
432993.01	3721124.56	38.74906	432819.84	

3721275.64	43.73713		
432735.51	3721287.81	48.10875	432701.69
3721285.56	50.26249		
432888.84	3721184.54	42.86835	432798.65
3721183.19	48.33740		
432741.38	3721201.68	51.50019	432669.67
3721211.60	56.39421		
432802.71	3721413.18	39.82571	432674.64
3721290.52	51.79655		
432613.30	3721308.11	54.93668	432550.62
3721318.93	58.78884		
432615.11	3721232.79	59.52417	432534.84
3721218.82	67.77723		
432381.96	3721246.77	80.84848	432413.98
3721344.18	67.02421		
432490.19	3721330.65	62.28953	432375.65
3721348.24	69.66094		
432365.73	3721270.22	79.50103	432314.77
3721271.13	84.37188		
432246.67	3721271.13	90.80217	432302.59
3721208.44	96.01806		
432234.05	3721217.01	102.73964	432247.12
3721359.97	77.30571		
432356.71	3721352.75	70.63556	432289.06
3721101.11	120.50687		
432217.81	3721121.86	129.33389	432214.66
3721047.45	154.49793		
432280.04	3721039.78	139.95517	432195.26
3720984.32	190.51304		
432188.05	3720943.73	216.88726	432243.97
3720808.89	263.31727		
432150.62	3720733.13	504.10844	432249.83
3720693.00	332.48081		
432206.99	3720559.06	511.64916	432232.69
3720348.46	306.22483		
432180.38	3720350.72	391.56161	432183.09
3720281.27	297.95425		
432236.75	3720646.55	384.21386	432042.84
3720348.46	768.11215		
431941.37	3720348.46	721.16918	431888.61
3720357.48	644.24707		
431923.34	3720345.30	640.51458	431907.10
3720352.52	666.43348		
431851.18	3720360.64	551.46245	431852.21
3720441.91	968.37557		
431852.07	3720489.04	1329.31000	431845.13 3720523.74
1666.43419			
431823.30	3720473.86	938.01784	431823.88
3720457.81	854.72026		
431793.30	3720942.34	379.70780	431690.56
3720987.19	236.76300		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 ,
VOL3 , VOL4 , VOL5
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,

VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
431680.98	3720921.25	321.97547	432011.44	
3720873.33	479.10608			
432052.07	3720849.95	473.45390	432084.66	
3720824.64	471.05679			
432095.01	3720762.16	597.83045	432127.98	
3720889.43	315.48184			
432095.77	3720936.20	286.12509	431860.12	
3720941.68	382.87719			
431774.93	3721018.65	232.26272	431864.43	
3720908.43	485.48753			
431846.93	3720964.64	333.98987	431144.82	
3719945.78	54.31500			
431157.20	3719933.07	54.75771	431994.43	
3719146.82	13.97012			
431999.70	3719120.50	13.56621	434516.47	
3720617.48	8.28220			
434406.06	3720633.41			
9.29151				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL1 ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	297.67095	(20090918)	431839.58	
3720538.42	107.52002	(20090918)			
431848.44	3720506.30	82.76625	(20090918)	431808.02	
3720544.24	100.76693	(18120916)			
432072.45	3720450.37	47.52246	(20041418)	432046.42	
3720409.11	42.25697	(19101917)			
432081.39	3720459.96	46.84788	(20041418)	432108.76	
3720473.97	40.31905	(20041418)			
431818.11	3720498.90	72.36950	(18120916)	431824.87	
3720465.08	57.91668	(18120916)			
431746.87	3720630.10	263.96215	(17022717)	431718.91	
3720636.87	223.35017	(19020216)			
431769.86	3720571.04	150.50617	(17022717)	431828.48	

3720830.29	541.65820	(19040418)	
431795.56	3720851.94	522.01711	(17070719) 431709.90
3720687.81	390.09235	(18012717)	
431720.72	3720650.84	266.25781	(19020216) 431690.06
3720613.42	159.01483	(18012717)	
431685.55	3720648.14	230.49034	(20122921) 431653.09
3720714.87	505.40534	(21122423)	
431660.75	3720740.12	655.50670	(21122423) 431667.06
3720767.17	597.81044	(21122316)	
431672.47	3720800.08	764.09778	(19020217) 431676.08
3720826.23	718.01952	(19020217)	
431680.14	3720851.94	651.02416	(17091907) 433382.64
3721167.41	3.80402	(19050518)	
433341.15	3721247.68	3.89480	(19040418) 433323.12
3721251.28	4.09557	(19040418)	
432993.01	3721124.56	6.15257	(19050518) 432819.84
3721275.64	9.68676	(19040418)	
432735.51	3721287.81	9.68342	(19040418) 432701.69
3721285.56	9.73596	(19040418)	
432888.84	3721184.54	9.14940	(19040418) 432798.65
3721183.19	10.92069	(19040418)	
432741.38	3721201.68	11.89489	(19040418) 432669.67
3721211.60	12.65661	(19040418)	
432802.71	3721413.18	5.90326	(17070719) 432674.64
3721290.52	9.42895	(19040418)	
432613.30	3721308.11	9.17506	(17070719) 432550.62
3721318.93	12.28254	(17070719)	
432615.11	3721232.79	12.05790	(19040418) 432534.84
3721218.82	12.60870	(19040418)	
432381.96	3721246.77	19.94618	(17070719) 432413.98
3721344.18	17.88070	(17070719)	
432490.19	3721330.65	15.22321	(17070719) 432375.65
3721348.24	18.46771	(17070719)	
432365.73	3721270.22	20.92490	(17070719) 432314.77
3721271.13	22.90529	(17070719)	
432246.67	3721271.13	23.50734	(17070719) 432302.59
3721208.44	25.07439	(17070719)	
432234.05	3721217.01	28.23408	(17070719) 432247.12
3721359.97	15.13408	(17070719)	
432356.71	3721352.75	18.36761	(17070719) 432289.06
3721101.11	21.92170	(19040418)	
432217.81	3721121.86	32.49726	(17070719) 432214.66
3721047.45	30.59159	(19040418)	
432280.04	3721039.78	31.81056	(19040418) 432195.26
3720984.32	44.41574	(19040418)	
432188.05	3720943.73	48.12434	(19040418) 432243.97
3720808.89	44.03611	(21101617)	
432150.62	3720733.13	47.64971	(18121016) 432249.83
3720693.00	30.76435	(18121016)	
432206.99	3720559.06	24.61625	(21021017) 432232.69
3720348.46	24.72686	(20041418)	
432180.38	3720350.72	29.58654	(20041418) 432183.09
3720281.27	25.05283	(20041418)	
432236.75	3720646.55	24.85524	(21021017) 432042.84
3720348.46	39.37750	(20090918)	
431941.37	3720348.46	42.45678	(20090918) 431888.61
3720357.48	35.86750	(18120916)	
431923.34	3720345.30	38.64936	(20090918) 431907.10
3720352.52	35.79601	(20090918)	
431851.18	3720360.64	33.28169	(18120916) 431852.21
3720441.91	53.93674	(18120916)	
431852.07	3720489.04	71.82969	(20090918) 431845.13
3720523.74	96.20968	(20090918)	
431823.30	3720473.86	61.30573	(18120916) 431823.88
3720457.81	54.67053	(18120916)	
431793.30	3720942.34	182.94406	(20022307) 431690.56

3720987.19 180.19179 (19021217)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL1 ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	310.94044	(19021217)	432011.44	
3720873.33	111.51040	(19040418)			
432052.07	3720849.95	86.96749	(21101617)	432084.66	
3720824.64	84.81540	(21101617)			
432095.01	3720762.16	68.60473	(21101617)	432127.98	
3720889.43	59.37015	(19040418)			
432095.77	3720936.20	69.30798	(19040418)	431860.12	
3720941.68	131.28482	(21092124)			
431774.93	3721018.65	119.99734	(20122620)	431864.43	
3720908.43	197.74857	(17070719)			
431846.93	3720964.64	137.16062	(21021920)	431144.82	
3719945.78	7.43498	(19123104)			
431157.20	3719933.07	16.62914	(21013001)	431994.43	
3719146.82	19.84461	(20122118)			
431999.70	3719120.50	19.50686	(20122118)	434516.47	
3720617.48	3.94959	(19021719)			
434406.06	3720633.41	3.51407			
(19021719)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL10 ***
INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	399.98361	(17011216)	431839.58	
3720538.42	140.28316	(18012717)			
431848.44	3720506.30	110.93759	(18012717)	431808.02	
3720544.24	101.91247	(20120807)			
432072.45	3720450.37	98.01143	(20090918)	432046.42	

3720409.11	83.37764	(20090918)	
432081.39	3720459.96	93.76935	(20090918) 432108.76
3720473.97	91.47085	(20041418)	
431818.11	3720498.90	92.71331	(18012717) 431824.87
3720465.08	80.91277	(18012717)	
431746.87	3720630.10	223.15686	(19022605) 431718.91
3720636.87	288.47659	(18112723)	
431769.86	3720571.04	134.10907	(18082607) 431828.48
3720830.29	354.36922	(21121316)	
431795.56	3720851.94	264.75962	(21121316) 431709.90
3720687.81	308.99761	(21120204)	
431720.72	3720650.84	302.30020	(20030806) 431690.06
3720613.42	247.22893	(21122423)	
431685.55	3720648.14	269.30991	(20102504) 431653.09
3720714.87	232.75657	(20020723)	
431660.75	3720740.12	163.03882	(20020723) 431667.06
3720767.17	124.02013	(19013117)	
431672.47	3720800.08	174.04233	(21090404) 431676.08
3720826.23	128.59217	(20051104)	
431680.14	3720851.94	125.81808	(21090624) 433382.64
3721167.41	4.91766	(19040418)	
433341.15	3721247.68	5.97900	(19040418) 433323.12
3721251.28	6.15319	(19040418)	
432993.01	3721124.56	10.24826	(19040418) 432819.84
3721275.64	8.53910	(17070719)	
432735.51	3721287.81	12.08279	(17070719) 432701.69
3721285.56	13.37584	(17070719)	
432888.84	3721184.54	10.75703	(19040418) 432798.65
3721183.19	10.98623	(19040418)	
432741.38	3721201.68	9.58546	(19040418) 432669.67
3721211.60	13.23458	(17070719)	
432802.71	3721413.18	11.02943	(17070719) 432674.64
3721290.52	14.45621	(17070719)	
432613.30	3721308.11	16.12015	(17070719) 432550.62
3721318.93	16.40147	(17070719)	
432615.11	3721232.79	16.54174	(17070719) 432534.84
3721218.82	20.23051	(17070719)	
432381.96	3721246.77	18.18542	(17070719) 432413.98
3721344.18	15.27131	(20082924)	
432490.19	3721330.65	14.84159	(17070719) 432375.65
3721348.24	18.90893	(18071405)	
432365.73	3721270.22	16.90964	(21081203) 432314.77
3721271.13	22.36318	(18071405)	
432246.67	3721271.13	28.64022	(18052223) 432302.59
3721208.44	21.52713	(20082924)	
432234.05	3721217.01	30.28785	(21092124) 432247.12
3721359.97	27.81368	(21021920)	
432356.71	3721352.75	20.69421	(18071405) 432289.06
3721101.11	34.22881	(17070719)	
432217.81	3721121.86	31.08877	(18071405) 432214.66
3721047.45	42.00699	(17070719)	
432280.04	3721039.78	44.56604	(17070719) 432195.26
3720984.32	60.90449	(17070719)	
432188.05	3720943.73	71.93115	(17070719) 432243.97
3720808.89	73.62090	(19040418)	
432150.62	3720733.13	149.32646	(21101617) 432249.83
3720693.00	74.60838	(21101617)	
432206.99	3720559.06	53.26887	(21021017) 432232.69
3720348.46	43.71253	(20041418)	
432180.38	3720350.72	46.10386	(19101917) 432183.09
3720281.27	42.15344	(20090918)	
432236.75	3720646.55	63.73342	(18121016) 432042.84
3720348.46	53.17517	(20090918)	
431941.37	3720348.46	60.18329	(17022717) 431888.61
3720357.48	53.66301	(17022717)	
431923.34	3720345.30	68.76932	(18121317) 431907.10

3720352.52	59.15507	(17022717)	
431851.18	3720360.64	73.58104	(18010318)
3720441.91	70.43726	(19020216)	
431852.07	3720489.04	95.79869	(19020216)
3720523.74	128.32853	(18012717)	
431823.30	3720473.86	84.74832	(18012717)
3720457.81	77.24992	(18012717)	
431793.30	3720942.34	130.90410	(19021217)
3720987.19	83.25973	(17091907)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL10 ***
INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	96.79533	(17091907)	432011.44	
3720873.33	134.74851	(21092124)			
432052.07	3720849.95	177.98275	(17070719)	432084.66	
3720824.64	155.20489	(17070719)			
432095.01	3720762.16	186.82762	(19040418)	432127.98	
3720889.43	111.65319	(17070719)			
432095.77	3720936.20	81.25105	(17070719)	431860.12	
3720941.68	138.87128	(19021217)			
431774.93	3721018.65	80.00229	(19021217)	431864.43	
3720908.43	179.66636	(19021217)			
431846.93	3720964.64	124.82844	(19021217)	431144.82	
3719945.78	23.36726	(21122223)			
431157.20	3719933.07	24.10252	(21122223)	431994.43	
3719146.82	20.80450	(18120819)			
431999.70	3719120.50	20.45263	(18120819)	434516.47	
3720617.48	6.30525	(18122507)			
434406.06	3720633.41	6.22974			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL11 ***
INCLUDING SOURCE(S): VOL11 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD

(M)	CONC	(YYMMDDHH)		
431824.47	3720637.57	1366.88428	(20090918)	431839.58
3720538.42	229.77650	(18120916)		
431848.44	3720506.30	164.23043	(18120916)	431808.02
3720544.24	284.20764	(17022717)		
432072.45	3720450.37	63.12944	(20041418)	432046.42
3720409.11	66.17025	(20041418)		
432081.39	3720459.96	57.60575	(20041418)	432108.76
3720473.97	42.68216	(19012817)		
431818.11	3720498.90	179.46908	(17022717)	431824.87
3720465.08	134.27292	(17022717)		
431746.87	3720630.10	577.32647	(17011216)	431718.91
3720636.87	572.77009	(17011216)		
431769.86	3720571.04	307.22753	(19020216)	431828.48
3720830.29	209.24377	(20101722)		
431795.56	3720851.94	200.86042	(19021217)	431709.90
3720687.81	564.26292	(19013117)		
431720.72	3720650.84	646.77716	(17011216)	431690.06
3720613.42	331.13780	(17011216)		
431685.55	3720648.14	381.14162	(18122305)	431653.09
3720714.87	300.97519	(19013117)		
431660.75	3720740.12	296.97239	(19020217)	431667.06
3720767.17	287.62865	(17052606)		
431672.47	3720800.08	273.35334	(17091907)	431676.08
3720826.23	254.98011	(17091907)		
431680.14	3720851.94	219.04738	(21121316)	433382.64
3721167.41	4.13439	(19040418)		
433341.15	3721247.68	5.13077	(19040418)	433323.12
3721251.28	5.29140	(19040418)		
432993.01	3721124.56	8.46904	(19040418)	432819.84
3721275.64	6.71156	(19040418)		
432735.51	3721287.81	8.56636	(17070719)	432701.69
3721285.56	9.65160	(17070719)		
432888.84	3721184.54	9.43483	(19040418)	432798.65
3721183.19	9.94198	(19040418)		
432741.38	3721201.68	9.18120	(19040418)	432669.67
3721211.60	8.83060	(17070719)		
432802.71	3721413.18	8.70191	(17070719)	432674.64
3721290.52	10.70277	(17070719)		
432613.30	3721308.11	12.93637	(17070719)	432550.62
3721318.93	14.45391	(17070719)		
432615.11	3721232.79	11.77780	(17070719)	432534.84
3721218.82	15.14331	(17070719)		
432381.96	3721246.77	18.69247	(17070719)	432413.98
3721344.18	13.15871	(17070719)		
432490.19	3721330.65	14.71424	(17070719)	432375.65
3721348.24	11.79313	(17070719)		
432365.73	3721270.22	16.89354	(17070719)	432314.77
3721271.13	15.16759	(17070719)		
432246.67	3721271.13	17.93278	(18071405)	432302.59
3721208.44	20.43414	(17070719)		
432234.05	3721217.01	17.27436	(21081203)	432247.12
3721359.97	19.91090	(18071405)		
432356.71	3721352.75	12.08289	(20051324)	432289.06
3721101.11	29.01521	(17070719)		
432217.81	3721121.86	27.68071	(17070719)	432214.66
3721047.45	36.55815	(17070719)		
432280.04	3721039.78	31.13371	(17070719)	432195.26
3720984.32	42.20811	(17070719)		
432188.05	3720943.73	41.71357	(17070719)	432243.97
3720808.89	42.49388	(19040418)		
432150.62	3720733.13	77.95728	(21101617)	432249.83
3720693.00	49.80779	(21101617)		
432206.99	3720559.06	34.42103	(21021017)	432232.69

3720348.46	26.27650	(20041418)	
432180.38	3720350.72	36.07842	(20041418)
3720281.27	34.45970	(20041418)	
432236.75	3720646.55	40.26089	(18121016)
3720348.46	53.90951	(20090918)	
431941.37	3720348.46	65.19284	(20090918)
3720357.48	56.51901	(18120916)	
431923.34	3720345.30	56.82584	(20090918)
3720352.52	56.44899	(18120916)	
431851.18	3720360.64	63.32380	(17022717)
3720441.91	91.41138	(18120916)	
431852.07	3720489.04	139.39480	(18120916)
3720523.74	195.87517	(18120916)	
431823.30	3720473.86	144.25208	(17022717)
3720457.81	128.10753	(17022717)	
431793.30	3720942.34	106.34565	(19121219)
3720987.19	93.72204	(19021217)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL11 ***
INCLUDING SOURCE(S): VOL11 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	122.94456	(19021217)	432011.44	
3720873.33	105.12743	(17070719)			
432052.07	3720849.95	85.44115	(17070719)	432084.66	
3720824.64	88.61619	(19040418)			
432095.01	3720762.16	82.85908	(21101617)	432127.98	
3720889.43	55.14248	(17070719)			
432095.77	3720936.20	65.39787	(17070719)	431860.12	
3720941.68	98.76937	(20101722)			
431774.93	3721018.65	69.61729	(21090723)	431864.43	
3720908.43	119.68082	(20022307)			
431846.93	3720964.64	92.17269	(20122620)	431144.82	
3719945.78	7.46943	(20022518)			
431157.20	3719933.07	7.43750	(20022518)	431994.43	
3719146.82	21.10287	(18010608)			
431999.70	3719120.50	20.72748	(18010608)	434516.47	
3720617.48	3.60892	(19021719)			
434406.06	3720633.41	1.34394			
(19123016)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL12 ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	1968.42197	(17091907)	431839.58	
3720538.42	692.90392	(19020216)			
431848.44	3720506.30	476.65654	(17022717)	431808.02	
3720544.24	509.99031	(18082607)			
432072.45	3720450.37	89.02636	(20041418)	432046.42	
3720409.11	113.98770	(20041418)			
432081.39	3720459.96	81.03136	(19012817)	432108.76	
3720473.97	72.90116	(21021017)			
431818.11	3720498.90	309.19955	(18012717)	431824.87	
3720465.08	220.43087	(19020216)			
431746.87	3720630.10	427.41308	(19013117)	431718.91	
3720636.87	305.86636	(19013117)			
431769.86	3720571.04	503.60067	(17011216)	431828.48	
3720830.29	161.67948	(19021217)			
431795.56	3720851.94	152.52379	(19021217)	431709.90	
3720687.81	322.90496	(21021003)			
431720.72	3720650.84	324.84213	(21090404)	431690.06	
3720613.42	311.48502	(20020723)			
431685.55	3720648.14	209.85299	(19013117)	431653.09	
3720714.87	253.64206	(21021003)			
431660.75	3720740.12	243.33941	(20050502)	431667.06	
3720767.17	208.19585	(21021007)			
431672.47	3720800.08	146.67722	(17091907)	431676.08	
3720826.23	126.64955	(17091907)			
431680.14	3720851.94	115.23764	(21121316)	433382.64	
3721167.41	5.29844	(19040418)			
433341.15	3721247.68	5.47001	(19040418)	433323.12	
3721251.28	5.52492	(19040418)			
432993.01	3721124.56	8.76079	(19040418)	432819.84	
3721275.64	9.21635	(17070719)			
432735.51	3721287.81	11.50749	(17070719)	432701.69	
3721285.56	12.23577	(17070719)			
432888.84	3721184.54	7.14502	(19040418)	432798.65	
3721183.19	7.97455	(17070719)			
432741.38	3721201.68	10.44498	(17070719)	432669.67	
3721211.60	13.13716	(17070719)			
432802.71	3721413.18	9.62780	(17070719)	432674.64	
3721290.52	12.66647	(17070719)			
432613.30	3721308.11	12.72038	(17070719)	432550.62	
3721318.93	11.77705	(17070719)			
432615.11	3721232.79	14.57123	(17070719)	432534.84	
3721218.82	16.08578	(17070719)			
432381.96	3721246.77	13.93756	(21081203)	432413.98	
3721344.18	14.40238	(18071405)			
432490.19	3721330.65	9.84274	(20051324)	432375.65	
3721348.24	17.06062	(18071405)			
432365.73	3721270.22	15.92840	(18071405)	432314.77	
3721271.13	19.76477	(18071405)			
432246.67	3721271.13	23.77777	(18052223)	432302.59	
3721208.44	19.62678	(18071405)			
432234.05	3721217.01	25.14516	(18052223)	432247.12	
3721359.97	23.09449	(21021920)			
432356.71	3721352.75	18.27580	(18071405)	432289.06	
3721101.11	20.30447	(17070719)			
432217.81	3721121.86	26.57774	(18071405)	432214.66	

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	77.09300	(21121316)	432011.44	
3720873.33	80.74516	(21021920)			
432052.07	3720849.95	68.55075	(17070719)	432084.66	
3720824.64	91.38414	(17070719)			
432095.01	3720762.16	102.93089	(17070719)	432127.98	
3720889.43	60.43360	(17070719)			
432095.77	3720936.20	47.69960	(18071405)	431860.12	
3720941.68	73.65199	(19121219)			
431774.93	3721018.65	54.71962	(19021217)	431864.43	
3720908.43	84.94707	(19121219)			
431846.93	3720964.64	65.90003	(19121219)	431144.82	
3719945.78	22.91036	(21021004)			
431157.20	3719933.07	23.20571	(21122223)	431994.43	
3719146.82	22.37239	(20012318)			
431999.70	3719120.50	21.94177	(20012318)	434516.47	
3720617.48	6.11067	(18122507)			
434406.06	3720633.41	5.64695			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL13 ***
INCLUDING SOURCE(S): VOL13 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	1222.08230	(17091907)	431839.58	
3720538.42	769.02091	(17011216)			
431848.44	3720506.30	515.92816	(19020216)	431808.02	
3720544.24	738.03325	(17011216)			
432072.45	3720450.37	99.90030	(19012817)	432046.42	
3720409.11	133.77973	(20041418)			
432081.39	3720459.96	92.65761	(19012817)	432108.76	
3720473.97	88.79187	(21021017)			
431818.11	3720498.90	297.42607	(19010716)	431824.87	
3720465.08	245.24620	(18012717)			
431746.87	3720630.10	328.25082	(19020217)	431718.91	
3720636.87	280.77232	(21090404)			
431769.86	3720571.04	447.11793	(19022804)	431828.48	
3720830.29	149.46760	(19021217)			
431795.56	3720851.94	132.72747	(19021217)	431709.90	
3720687.81	289.27430	(21021003)			
431720.72	3720650.84	323.30448	(21090404)	431690.06	
3720613.42	213.61548	(20020723)			
431685.55	3720648.14	212.80841	(21090404)	431653.09	
3720714.87	234.83800	(21021003)			
431660.75	3720740.12	221.17243	(21101622)	431667.06	
3720767.17	190.38564	(21021007)			
431672.47	3720800.08	128.92236	(17091907)	431676.08	
3720826.23	112.69986	(17091907)			
431680.14	3720851.94	100.68778	(21121316)	433382.64	
3721167.41	5.46703	(19040418)			
433341.15	3721247.68	5.38441	(19040418)	433323.12	
3721251.28	5.40736	(19040418)			
432993.01	3721124.56	8.43810	(19040418)	432819.84	
3721275.64	9.87050	(17070719)			
432735.51	3721287.81	11.75496	(17070719)	432701.69	
3721285.56	12.29895	(17070719)			
432888.84	3721184.54	6.32518	(19040418)	432798.65	
3721183.19	9.02111	(17070719)			
432741.38	3721201.68	11.35946	(17070719)	432669.67	
3721211.60	13.66713	(17070719)			
432802.71	3721413.18	9.44198	(17070719)	432674.64	
3721290.52	12.50196	(17070719)			
432613.30	3721308.11	11.96189	(17070719)	432550.62	
3721318.93	10.53851	(17070719)			
432615.11	3721232.79	14.44915	(17070719)	432534.84	
3721218.82	15.26196	(17070719)			
432381.96	3721246.77	15.89770	(18071405)	432413.98	
3721344.18	15.89070	(18071405)			
432490.19	3721330.65	10.92778	(20051324)	432375.65	
3721348.24	18.27630	(21092124)			
432365.73	3721270.22	17.71382	(18071405)	432314.77	

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	70.83218	(21121316)	432011.44	
3720873.33	81.18108	(21021920)			
432052.07	3720849.95	71.24956	(21092124)	432084.66	
3720824.64	78.07464	(17070719)			
432095.01	3720762.16	114.15414	(17070719)	432127.98	
3720889.43	49.87653	(17070719)			
432095.77	3720936.20	52.00388	(18052223)	431860.12	
3720941.68	66.11289	(19121219)			
431774.93	3721018.65	51.84885	(19021217)	431864.43	
3720908.43	76.44554	(19121219)			
431846.93	3720964.64	59.36369	(21090723)	431144.82	
3719945.78	25.30508	(21021004)			

431157.20	3719933.07	25.84915	(21021004)	431994.43
3719146.82	22.58472	(20012318)		
431999.70	3719120.50	22.18271	(20012318)	434516.47
3720617.48	6.63022	(18122507)		
434406.06	3720633.41	6.25925		
(18122507)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL14 ***
 INCLUDING SOURCE(S): VOL14 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	809.34479	(17091907)	431839.58	
3720538.42	1073.75838	(17011216)			
431848.44	3720506.30	503.55251	(18082607)	431808.02	
3720544.24	557.43381	(19011420)			
432072.45	3720450.37	119.82862	(19012817)	432046.42	
3720409.11	159.94446	(20041418)			
432081.39	3720459.96	114.86332	(21021017)	432108.76	
3720473.97	107.50738	(21021017)			
431818.11	3720498.90	404.75157	(17011216)	431824.87	
3720465.08	216.53076	(19010716)			
431746.87	3720630.10	264.31012	(19020217)	431718.91	
3720636.87	272.27163	(21090404)			
431769.86	3720571.04	353.95634	(19022804)	431828.48	
3720830.29	137.24950	(19021217)			
431795.56	3720851.94	115.14920	(19021217)	431709.90	
3720687.81	257.31967	(20091302)			
431720.72	3720650.84	295.03062	(21090404)	431690.06	
3720613.42	167.65143	(19013117)			
431685.55	3720648.14	213.87126	(21090404)	431653.09	
3720714.87	214.23500	(20050504)			
431660.75	3720740.12	200.16455	(21101622)	431667.06	
3720767.17	175.33678	(21021007)			
431672.47	3720800.08	111.73963	(17091907)	431676.08	
3720826.23	101.85840	(17091907)			
431680.14	3720851.94	87.80078	(21121316)	433382.64	
3721167.41	5.59306	(19040418)			
433341.15	3721247.68	5.26570	(19040418)	433323.12	
3721251.28	5.25838	(19040418)			
432993.01	3721124.56	8.04602	(19040418)	432819.84	
3721275.64	10.41748	(17070719)			
432735.51	3721287.81	11.83028	(17070719)	432701.69	
3721285.56	12.17464	(17070719)			
432888.84	3721184.54	7.19057	(17070719)	432798.65	
3721183.19	10.02725	(17070719)			
432741.38	3721201.68	12.14390	(17070719)	432669.67	
3721211.60	13.97271	(17070719)			
432802.71	3721413.18	9.14778	(17070719)	432674.64	
3721290.52	12.14905	(17070719)			
432613.30	3721308.11	11.06583	(17070719)	432550.62	

3721318.93	9.38514	(20051324)		
432615.11	3721232.79	14.07694	(17070719)	432534.84
3721218.82	14.19670	(17070719)		
432381.96	3721246.77	17.85505	(18071405)	432413.98
3721344.18	17.25565	(18071405)		
432490.19	3721330.65	12.34690	(18071405)	432375.65
3721348.24	19.30917	(21092124)		
432365.73	3721270.22	19.33769	(18071405)	432314.77
3721271.13	22.17265	(18052223)		
432246.67	3721271.13	25.13896	(21021920)	432302.59
3721208.44	23.13722	(21092124)		
432234.05	3721217.01	27.04470	(21021920)	432247.12
3721359.97	22.94922	(19122918)		
432356.71	3721352.75	20.17364	(18052223)	432289.06
3721101.11	22.86964	(18071405)		
432217.81	3721121.86	30.03802	(18052223)	432214.66
3721047.45	30.99185	(21092124)		
432280.04	3721039.78	21.80313	(20082924)	432195.26
3720984.32	33.58839	(18071405)		
432188.05	3720943.73	33.43686	(18071405)	432243.97
3720808.89	54.31906	(17070719)		
432150.62	3720733.13	90.41528	(17070719)	432249.83
3720693.00	74.07616	(19040418)		
432206.99	3720559.06	90.94856	(21101617)	432232.69
3720348.46	36.67957	(19012817)		
432180.38	3720350.72	54.63341	(20041418)	432183.09
3720281.27	58.86961	(20041418)		
432236.75	3720646.55	74.36039	(21101617)	432042.84
3720348.46	124.56998	(20090918)		
431941.37	3720348.46	118.88986	(17022717)	431888.61
3720357.48	152.99423	(17022717)		
431923.34	3720345.30	141.07880	(17022717)	431907.10
3720352.52	157.27088	(17022717)		
431851.18	3720360.64	145.08377	(17021223)	431852.21
3720441.91	243.80901	(18012717)		
431852.07	3720489.04	402.40224	(18012717)	431845.13
3720523.74	862.72128	(17011216)		
431823.30	3720473.86	253.93168	(18082607)	431823.88
3720457.81	198.10862	(19010716)		
431793.30	3720942.34	71.77112	(19021217)	431690.56
3720987.19	47.89775	(20021921)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL14 ***
INCLUDING SOURCE(S): VOL14 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	66.54721	(21121819)	432011.44	
3720873.33	80.50440	(20022307)			
432052.07	3720849.95	77.62283	(21021920)	432084.66	
3720824.64	65.10845	(18071405)			

432095.01	3720762.16	112.94082	(17070719)	432127.98
3720889.43	50.41174	(18071405)		
432095.77	3720936.20	55.41501	(21021920)	431860.12
3720941.68	59.91028	(21090723)		
431774.93	3721018.65	49.13561	(19021217)	431864.43
3720908.43	68.30044	(21090723)		
431846.93	3720964.64	56.47462	(21112218)	431144.82
3719945.78	26.38759	(21021004)		
431157.20	3719933.07	27.34380	(21021004)	431994.43
3719146.82	23.07839	(18120819)		
431999.70	3719120.50	22.57807	(18120819)	434516.47
3720617.48	7.05034	(18122507)		
434406.06	3720633.41	6.72474		
(18122507)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL15 ***
 INCLUDING SOURCE(S): VOL15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	561.76545	(17091907)	431839.58	
3720538.42	681.20886	(19022804)			
431848.44	3720506.30	777.14339	(17011216)	431808.02	
3720544.24	458.68892	(19022804)			
432072.45	3720450.37	147.40255	(19012817)	432046.42	
3720409.11	200.54794	(20041418)			
432081.39	3720459.96	153.45718	(21021017)	432108.76	
3720473.97	132.92624	(21021017)			
431818.11	3720498.90	477.17490	(17011216)	431824.87	
3720465.08	310.38542	(18082607)			
431746.87	3720630.10	306.31274	(21090404)	431718.91	
3720636.87	262.50130	(21090404)			
431769.86	3720571.04	310.98332	(19013117)	431828.48	
3720830.29	120.38624	(19021217)			
431795.56	3720851.94	97.12717	(19021217)	431709.90	
3720687.81	235.64375	(21101622)			
431720.72	3720650.84	273.04966	(21021003)	431690.06	
3720613.42	152.39968	(18011318)			
431685.55	3720648.14	210.07650	(21090404)	431653.09	
3720714.87	193.70084	(20050504)			
431660.75	3720740.12	181.81356	(20091403)	431667.06	
3720767.17	164.66436	(21041803)			
431672.47	3720800.08	145.90052	(20121320)	431676.08	
3720826.23	92.43238	(17091907)			
431680.14	3720851.94	78.37109	(17091907)	433382.64	
3721167.41	5.64713	(19040418)			
433341.15	3721247.68	5.05200	(19040418)	433323.12	
3721251.28	5.01193	(19040418)			
432993.01	3721124.56	7.45387	(19040418)	432819.84	
3721275.64	10.79352	(17070719)			
432735.51	3721287.81	11.61568	(17070719)	432701.69	


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** CONC OF OTHER IN
MICROGRAMS/M**3

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** CONC OF OTHER      IN
MICROGRAMS/M**3                      **

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431824.47	3720637.57	430.76359	(17091907)	431839.58	
3720538.42	643.43188	(19013117)			
431848.44	3720506.30	609.77968	(19011420)	431808.02	
3720544.24	404.75995	(19013117)			
432072.45	3720450.37	194.92145	(21021017)	432046.42	
3720409.11	245.98282	(20041418)			
432081.39	3720459.96	195.96384	(21021017)	432108.76	
3720473.97	152.86536	(21021017)			
431818.11	3720498.90	412.52810	(19011420)	431824.87	
3720465.08	391.72981	(17011216)			
431746.87	3720630.10	279.79274	(21021003)	431718.91	
3720636.87	248.13797	(21021003)			
431769.86	3720571.04	239.91912	(21090404)	431828.48	
3720830.29	104.88101	(19021217)			
431795.56	3720851.94	85.09976	(21121618)	431709.90	
3720687.81	214.57453	(21101622)			
431720.72	3720650.84	250.84811	(21021003)	431690.06	
3720613.42	162.06541	(21090404)			
431685.55	3720648.14	206.42491	(21090404)	431653.09	
3720714.87	175.09911	(20050502)			
431660.75	3720740.12	172.70978	(20091403)	431667.06	
3720767.17	155.41821	(21090424)			
431672.47	3720800.08	136.92526	(20121320)	431676.08	

3720826.23	83.36463	(17091907)	
431680.14	3720851.94	71.60835	(17091907) 433382.64
3721167.41	5.60607	(19040418)	
433341.15	3721247.68	4.78194	(19040418) 433323.12
3721251.28	4.71426	(19040418)	
432993.01	3721124.56	6.77966	(19040418) 432819.84
3721275.64	10.87362	(17070719)	
432735.51	3721287.81	11.13654	(17070719) 432701.69
3721285.56	11.05031	(17070719)	
432888.84	3721184.54	8.98596	(17070719) 432798.65
3721183.19	11.59817	(17070719)	
432741.38	3721201.68	12.90464	(17070719) 432669.67
3721211.60	13.46412	(17070719)	
432802.71	3721413.18	8.03977	(17070719) 432674.64
3721290.52	10.59891	(17070719)	
432613.30	3721308.11	8.83320	(20051324) 432550.62
3721318.93	11.73255	(21081203)	
432615.11	3721232.79	12.24261	(17070719) 432534.84
3721218.82	11.13719	(17070719)	
432381.96	3721246.77	20.80221	(21092124) 432413.98
3721344.18	19.14966	(18052223)	
432490.19	3721330.65	15.32607	(18071405) 432375.65
3721348.24	20.74720	(21021920)	
432365.73	3721270.22	21.54302	(18052223) 432314.77
3721271.13	23.74779	(21021920)	
432246.67	3721271.13	24.76947	(19122918) 432302.59
3721208.44	25.19425	(21021920)	
432234.05	3721217.01	26.95410	(19122918) 432247.12
3721359.97	23.28241	(20022307)	
432356.71	3721352.75	21.52371	(21021920) 432289.06
3721101.11	27.21793	(21092124)	
432217.81	3721121.86	31.72281	(21021920) 432214.66
3721047.45	34.46317	(21021920)	
432280.04	3721039.78	28.42452	(18071405) 432195.26
3720984.32	39.14476	(18052223)	
432188.05	3720943.73	41.56271	(18052223) 432243.97
3720808.89	60.34675	(17070719)	
432150.62	3720733.13	104.58330	(17070719) 432249.83
3720693.00	76.53789	(19040418)	
432206.99	3720559.06	124.28202	(21101617) 432232.69
3720348.46	44.33115	(21021017)	
432180.38	3720350.72	63.31419	(20041418) 432183.09
3720281.27	73.51179	(20041418)	
432236.75	3720646.55	95.18405	(19040418) 432042.84
3720348.46	184.46025	(20090918)	
431941.37	3720348.46	216.64950	(17022717) 431888.61
3720357.48	196.72579	(19012319)	
431923.34	3720345.30	202.93648	(18121317) 431907.10
3720352.52	196.84399	(18010318)	
431851.18	3720360.64	198.60600	(20122520) 431852.21
3720441.91	296.31601	(18082607)	
431852.07	3720489.04	658.96278	(17011216) 431845.13
3720523.74	608.36636	(19022804)	
431823.30	3720473.86	408.25269	(17011216) 431823.88
3720457.81	356.14965	(17011216)	
431793.30	3720942.34	60.54726	(21121618) 431690.56
3720987.19	43.21087	(17071702)	

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SOURCE GROUP: VOL16 ***
INCLUDING SOURCE(S): VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	59.05297	(21121819)	432011.44	
3720873.33	71.19846	(20101722)			
432052.07	3720849.95	78.02887	(20022307)	432084.66	
3720824.64	78.02141	(21021920)			
432095.01	3720762.16	80.02093	(18071405)	432127.98	
3720889.43	59.91141	(21021920)			
432095.77	3720936.20	55.60977	(20022307)	431860.12	
3720941.68	53.74139	(20092523)			
431774.93	3721018.65	42.36492	(21121618)	431864.43	
3720908.43	63.09729	(19021217)			
431846.93	3720964.64	50.45662	(19021217)	431144.82	
3719945.78	29.29652	(17011607)			
431157.20	3719933.07	29.01123	(17011607)	431994.43	
3719146.82	23.55551	(20010218)			
431999.70	3719120.50	22.98756	(20021519)	434516.47	
3720617.48	8.02001	(18122507)			
434406.06	3720633.41	7.77081			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL17 ***
INCLUDING SOURCE(S): VOL17 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	281.89515	(20012624)	431839.58	
3720538.42	400.88788	(17052606)			
431848.44	3720506.30	536.78466	(19020217)	431808.02	
3720544.24	286.47112	(17052606)			
432072.45	3720450.37	405.06102	(21101617)	432046.42	
3720409.11	341.24028	(21021017)			
432081.39	3720459.96	416.22586	(21101617)	432108.76	
3720473.97	325.27882	(21101617)			
431818.11	3720498.90	340.63994	(19013117)	431824.87	
3720465.08	480.17342	(21120204)			
431746.87	3720630.10	222.11652	(21021007)	431718.91	
3720636.87	204.28470	(21101622)			
431769.86	3720571.04	283.87883	(21021003)	431828.48	
3720830.29	77.56076	(21121618)			
431795.56	3720851.94	69.30239	(21121618)	431709.90	

3720687.81	178.02590	(21090424)	
431720.72	3720650.84	197.77417	(21021007) 431690.06
3720613.42	199.17896	(21021003)	
431685.55	3720648.14	182.86828	(20050502) 431653.09
3720714.87	157.44533	(20091403)	
431660.75	3720740.12	151.52403	(21090424) 431667.06
3720767.17	131.23318	(20121320)	
431672.47	3720800.08	115.67846	(18070905) 431676.08
3720826.23	96.31842	(21090705)	
431680.14	3720851.94	60.44753	(21121316) 433382.64
3721167.41	5.03953	(19040418)	
433341.15	3721247.68	4.27064	(19020503) 433323.12
3721251.28	4.29750	(19020503)	
432993.01	3721124.56	6.68831	(17070719) 432819.84
3721275.64	9.96067	(17070719)	
432735.51	3721287.81	9.01727	(17070719) 432701.69
3721285.56	8.56230	(17070719)	
432888.84	3721184.54	10.14161	(17070719) 432798.65
3721183.19	11.81314	(17070719)	
432741.38	3721201.68	11.85838	(17070719) 432669.67
3721211.60	10.99449	(17070719)	
432802.71	3721413.18	6.15178	(17070719) 432674.64
3721290.52	8.17102	(20051324)	
432613.30	3721308.11	10.65544	(21081203) 432550.62
3721318.93	14.13696	(18071405)	
432615.11	3721232.79	9.44454	(20051324) 432534.84
3721218.82	13.01300	(18071405)	
432381.96	3721246.77	21.49249	(21021920) 432413.98
3721344.18	19.63113	(21021920)	
432490.19	3721330.65	16.87810	(21092124) 432375.65
3721348.24	20.66127	(21021920)	
432365.73	3721270.22	22.01257	(21021920) 432314.77
3721271.13	22.71941	(19122918)	
432246.67	3721271.13	23.98689	(20022307) 432302.59
3721208.44	24.93165	(21021920)	
432234.05	3721217.01	25.99189	(20022307) 432247.12
3721359.97	21.48964	(20022307)	
432356.71	3721352.75	20.72383	(21021920) 432289.06
3721101.11	28.20281	(21021920)	
432217.81	3721121.86	29.83987	(20022307) 432214.66
3721047.45	33.08891	(21021920)	
432280.04	3721039.78	30.49087	(18052223) 432195.26
3720984.32	38.64742	(21021920)	
432188.05	3720943.73	42.18515	(21021920) 432243.97
3720808.89	42.49600	(17070719)	
432150.62	3720733.13	64.18144	(18071405) 432249.83
3720693.00	73.05177	(17070719)	
432206.99	3720559.06	128.56704	(19040418) 432232.69
3720348.46	67.61955	(21021017)	
432180.38	3720350.72	87.84795	(21021017) 432183.09
3720281.27	82.35890	(20041418)	
432236.75	3720646.55	74.41568	(17070719) 432042.84
3720348.46	307.98373	(20041418)	
431941.37	3720348.46	398.44612	(17022717) 431888.61
3720357.48	336.77051	(21121703)	
431923.34	3720345.30	331.26996	(20120618) 431907.10
3720352.52	332.66779	(17122719)	
431851.18	3720360.64	312.78089	(21122223) 431852.21
3720441.91	487.01460	(19011420)	
431852.07	3720489.04	541.04620	(19013117) 431845.13
3720523.74	478.57303	(19020217)	
431823.30	3720473.86	420.97915	(21120204) 431823.88
3720457.81	497.98858	(21120204)	
431793.30	3720942.34	51.84013	(21121618) 431690.56
3720987.19	37.98406	(17071702)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL17 ***
INCLUDING SOURCE(S): VOL17 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	49.56566	(21121819)	432011.44	
3720873.33	63.42464	(20122620)			
432052.07	3720849.95	64.64954	(20101722)	432084.66	
3720824.64	70.68795	(20022307)			
432095.01	3720762.16	83.76649	(21021920)	432127.98	
3720889.43	55.94837	(20022307)			
432095.77	3720936.20	48.76362	(20022307)	431860.12	
3720941.68	45.74119	(20092523)			
431774.93	3721018.65	37.18944	(21121618)	431864.43	
3720908.43	50.73103	(20092523)			
431846.93	3720964.64	43.49629	(18121120)	431144.82	
3719945.78	37.30450	(21122423)			
431157.20	3719933.07	32.98481	(21122423)	431994.43	
3719146.82	24.71838	(20010218)			
431999.70	3719120.50	24.18393	(20010218)	434516.47	
3720617.48	8.25950	(18122506)			
434406.06	3720633.41	8.13511			
(18122506)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL18 ***
INCLUDING SOURCE(S): VOL18 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	224.97310	(21120223)	431839.58	
3720538.42	309.52484	(17091907)			
431848.44	3720506.30	346.50885	(17052606)	431808.02	
3720544.24	191.93859	(17052606)			
432072.45	3720450.37	553.09842	(21101617)	432046.42	
3720409.11	597.97694	(21101617)			
432081.39	3720459.96	458.04971	(19040418)	432108.76	

3720473.97	331.40284	(19040418)	
431818.11	3720498.90	271.35574	(19020217) 431824.87
3720465.08	297.03404	(19013117)	
431746.87	3720630.10	183.10469	(17010423) 431718.91
3720636.87	177.94983	(21041803)	
431769.86	3720571.04	231.42632	(21101622) 431828.48
3720830.29	67.44900	(21121618)	
431795.56	3720851.94	60.61587	(21121618) 431709.90
3720687.81	153.03103	(21090424)	
431720.72	3720650.84	173.98361	(21090424) 431690.06
3720613.42	176.96120	(20050502)	
431685.55	3720648.14	165.86971	(20091403) 431653.09
3720714.87	140.52704	(21090424)	
431660.75	3720740.12	133.53031	(21090424) 431667.06
3720767.17	117.77342	(18070905)	
431672.47	3720800.08	100.95989	(20070301) 431676.08
3720826.23	85.66555	(21090705)	
431680.14	3720851.94	52.96025	(21121819) 433382.64
3721167.41	4.49043	(19040418)	
433341.15	3721247.68	4.13002	(19020503) 433323.12
3721251.28	4.13542	(19020503)	
432993.01	3721124.56	7.76303	(17070719) 432819.84
3721275.64	8.90788	(17070719)	
432735.51	3721287.81	7.43014	(17070719) 432701.69
3721285.56	8.22561	(20051324)	
432888.84	3721184.54	10.34713	(17070719) 432798.65
3721183.19	11.23776	(17070719)	
432741.38	3721201.68	10.54473	(17070719) 432669.67
3721211.60	9.03883	(17070719)	
432802.71	3721413.18	6.92661	(20051324) 432674.64
3721290.52	9.19364	(20051324)	
432613.30	3721308.11	12.09317	(18071405) 432550.62
3721318.93	15.16791	(21092124)	
432615.11	3721232.79	10.59191	(20051324) 432534.84
3721218.82	14.72524	(18071405)	
432381.96	3721246.77	21.61056	(21021920) 432413.98
3721344.18	19.37365	(21021920)	
432490.19	3721330.65	17.17831	(18052223) 432375.65
3721348.24	19.76025	(19122918)	
432365.73	3721270.22	21.43602	(21021920) 432314.77
3721271.13	21.98515	(20022307)	
432246.67	3721271.13	22.38756	(20022307) 432302.59
3721208.44	23.70457	(19122918)	
432234.05	3721217.01	24.37474	(20022307) 432247.12
3721359.97	19.89902	(20101722)	
432356.71	3721352.75	19.87558	(20022307) 432289.06
3721101.11	27.61549	(21021920)	
432217.81	3721121.86	28.56774	(20022307) 432214.66
3721047.45	31.73036	(20022307)	
432280.04	3721039.78	30.63293	(21021920) 432195.26
3720984.32	36.44401	(20022307)	
432188.05	3720943.73	39.44302	(19122918) 432243.97
3720808.89	39.52209	(18071405)	
432150.62	3720733.13	69.99049	(18052223) 432249.83
3720693.00	69.63547	(17070719)	
432206.99	3720559.06	116.56924	(19040418) 432232.69
3720348.46	76.98393	(21021017)	
432180.38	3720350.72	111.78845	(21021017) 432183.09
3720281.27	82.67505	(19012817)	
432236.75	3720646.55	84.07726	(17070719) 432042.84
3720348.46	493.39400	(20041418)	
431941.37	3720348.46	525.22146	(19020216) 431888.61
3720357.48	443.93003	(21122223)	
431923.34	3720345.30	455.85347	(21011503) 431907.10
3720352.52	481.79985	(21121703)	
431851.18	3720360.64	485.23543	(21122423) 431852.21

3720441.91	452.83828	(19013117)		
431852.07	3720489.04	413.15378	(19020217)	431845.13
3720523.74	321.02518	(17091907)		
431823.30	3720473.86	272.34550	(19020217)	431823.88
3720457.81	318.02508	(19013117)		
431793.30	3720942.34	46.61305	(21121618)	431690.56
3720987.19	34.70727	(20021921)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL18 ***
INCLUDING SOURCE(S): VOL18 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC (YYMMDDHH)				
431680.98	3720921.25	44.10295	(21121819)	432011.44	
3720873.33	58.11292	(20122620)			
432052.07	3720849.95	57.48454	(17022801)	432084.66	
3720824.64	61.83093	(20022307)			
432095.01	3720762.16	76.77355	(20022307)	432127.98	
3720889.43	52.44880	(20022307)			
432095.77	3720936.20	44.09354	(20101722)	431860.12	
3720941.68	41.21528	(18121120)			
431774.93	3721018.65	34.10900	(21121618)	431864.43	
3720908.43	45.58412	(18121120)			
431846.93	3720964.64	39.72428	(18121120)	431144.82	
3719945.78	46.36894	(21122423)			
431157.20	3719933.07	43.75138	(21122423)	431994.43	
3719146.82	25.49129	(19011101)			
431999.70	3719120.50	24.91045	(19011101)	434516.47	
3720617.48	8.30255	(18122506)			
434406.06	3720633.41	8.06502			
(17012018)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL19 ***
INCLUDING SOURCE(S): VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC (YYMMDDHH)				

431824.47	3720637.57	205.23714	(20070301)	431839.58
3720538.42	200.24967	(17052606)		
431848.44	3720506.30	260.86009	(17052606)	431808.02
3720544.24	237.35182	(20091302)		
432072.45	3720450.37	883.38038	(19040418)	432046.42
3720409.11	1067.73731	(21101617)		
432081.39	3720459.96	761.41578	(19040418)	432108.76
3720473.97	486.15348	(19040418)		
431818.11	3720498.90	264.26195	(21090404)	431824.87
3720465.08	223.12437	(19013117)		
431746.87	3720630.10	174.20887	(21021007)	431718.91
3720636.87	162.01647	(21101622)		
431769.86	3720571.04	211.33439	(21021003)	431828.48
3720830.29	62.99114	(21121618)		
431795.56	3720851.94	56.63335	(20021921)	431709.90
3720687.81	146.50905	(21090424)		
431720.72	3720650.84	161.31369	(20091403)	431690.06
3720613.42	164.51588	(20050504)		
431685.55	3720648.14	146.45035	(21101622)	431653.09
3720714.87	133.31971	(20091403)		
431660.75	3720740.12	128.05577	(21090424)	431667.06
3720767.17	115.60483	(21090424)		
431672.47	3720800.08	101.75360	(18070905)	431676.08
3720826.23	85.57128	(20082304)		
431680.14	3720851.94	47.70819	(21121819)	433382.64
3721167.41	4.43083	(19020503)		
433341.15	3721247.68	4.17093	(17011917)	433323.12
3721251.28	4.19453	(17011917)		
432993.01	3721124.56	8.63865	(17070719)	432819.84
3721275.64	8.52089	(17070719)		
432735.51	3721287.81	8.41845	(20051324)	432701.69
3721285.56	9.47621	(20051324)		
432888.84	3721184.54	10.75525	(17070719)	432798.65
3721183.19	11.20768	(17070719)		
432741.38	3721201.68	10.06336	(17070719)	432669.67
3721211.60	9.65360	(20051324)		
432802.71	3721413.18	7.88098	(20051324)	432674.64
3721290.52	10.62626	(21081203)		
432613.30	3721308.11	13.86434	(18071405)	432550.62
3721318.93	16.65923	(21092124)		
432615.11	3721232.79	12.52582	(18071405)	432534.84
3721218.82	16.84132	(18071405)		
432381.96	3721246.77	22.42912	(21021920)	432413.98
3721344.18	19.78389	(19122918)		
432490.19	3721330.65	18.38119	(21021920)	432375.65
3721348.24	20.53260	(20022307)		
432365.73	3721270.22	21.96200	(19122918)	432314.77
3721271.13	22.98737	(20022307)		
432246.67	3721271.13	22.27314	(20101722)	432302.59
3721208.44	24.99046	(20022307)		
432234.05	3721217.01	24.05589	(20101722)	432247.12
3721359.97	20.41822	(20101722)		
432356.71	3721352.75	20.91821	(20022307)	432289.06
3721101.11	28.40525	(19122918)		
432217.81	3721121.86	28.29254	(20022307)	432214.66
3721047.45	32.78410	(20022307)		
432280.04	3721039.78	32.07430	(21021920)	432195.26
3720984.32	38.17749	(20022307)		
432188.05	3720943.73	41.96558	(20022307)	432243.97
3720808.89	47.90265	(18052223)		
432150.62	3720733.13	81.79583	(21021920)	432249.83
3720693.00	70.12619	(17070719)		
432206.99	3720559.06	128.11660	(17070719)	432232.69
3720348.46	98.17141	(21021017)		
432180.38	3720350.72	146.26498	(21021017)	432183.09

3720281.27	120.21086	(20041418)		
432236.75	3720646.55	93.87881	(17070719)	432042.84
3720348.46	760.42364	(20090918)		
431941.37	3720348.46	480.38692	(21121703)	431888.61
3720357.48	485.36381	(21122423)		
431923.34	3720345.30	421.40788	(21122223)	431907.10
3720352.52	413.58915	(21090405)		
431851.18	3720360.64	390.80734	(20101104)	431852.21
3720441.91	297.67148	(19013117)		
431852.07	3720489.04	275.56492	(19020217)	431845.13
3720523.74	234.95099	(17052606)		
431823.30	3720473.86	213.14364	(21090404)	431823.88
3720457.81	229.65165	(19013117)		
431793.30	3720942.34	44.66618	(21121618)	431690.56
3720987.19	34.64467	(21051023)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL19 ***
INCLUDING SOURCE(S): VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN **
MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	43.62105	(21121819)	432011.44	
3720873.33	57.35682	(19121219)			
432052.07	3720849.95	63.04207	(20122620)	432084.66	
3720824.64	62.58143	(17022801)			
432095.01	3720762.16	77.93520	(20022307)	432127.98	
3720889.43	52.19965	(20101722)			
432095.77	3720936.20	44.91815	(17022801)	431860.12	
3720941.68	41.45840	(18121120)			
431774.93	3721018.65	33.38355	(21121618)	431864.43	
3720908.43	45.49460	(18121120)			
431846.93	3720964.64	39.29150	(18121120)	431144.82	
3719945.78	48.31327	(21122423)			
431157.20	3719933.07	46.69292	(21122423)	431994.43	
3719146.82	26.33846	(21020221)			
431999.70	3719120.50	25.65853	(21020221)	434516.47	
3720617.48	8.95847	(18122506)			
434406.06	3720633.41	8.79644			
(18122506)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL2 ***
INCLUDING SOURCE(S): VOL2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER MICROGRAMS/M**3		IN	**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
431824.47	3720637.57	490.53988	(20041418)		431839.58	
3720538.42	191.07438	(20090918)				
431848.44	3720506.30	144.13449	(20090918)		431808.02	
3720544.24	176.14086	(20090918)				
432072.45	3720450.37	47.77084	(20041418)		432046.42	
3720409.11	52.49131	(20041418)				
432081.39	3720459.96	43.65110	(20041418)		432108.76	
3720473.97	32.48381	(19012817)				
431818.11	3720498.90	115.53236	(18120916)		431824.87	
3720465.08	89.71509	(18120916)				
431746.87	3720630.10	594.36302	(17022717)		431718.91	
3720636.87	462.41801	(19020216)				
431769.86	3720571.04	252.18075	(17022717)		431828.48	
3720830.29	269.03303	(17070719)				
431795.56	3720851.94	239.35188	(20022307)		431709.90	
3720687.81	1256.76413	(17011216)				
431720.72	3720650.84	587.25158	(19020216)		431690.06	
3720613.42	238.92321	(18012717)				
431685.55	3720648.14	400.18078	(18082607)		431653.09	
3720714.87	652.48330	(21120204)				
431660.75	3720740.12	630.84656	(19013117)		431667.06	
3720767.17	687.54281	(19020217)				
431672.47	3720800.08	604.99825	(17091907)		431676.08	
3720826.23	469.30077	(21121316)				
431680.14	3720851.94	352.73757	(19021217)		433382.64	
3721167.41	3.63602	(19050518)				
433341.15	3721247.68	4.48493	(19040418)		433323.12	
3721251.28	4.66820	(19040418)				
432993.01	3721124.56	7.24306	(19040418)		432819.84	
3721275.64	8.12650	(19040418)				
432735.51	3721287.81	7.38511	(19040418)		432701.69	
3721285.56	7.19902	(19040418)				
432888.84	3721184.54	9.32994	(19040418)		432798.65	
3721183.19	10.48176	(19040418)				
432741.38	3721201.68	10.54105	(19040418)		432669.67	
3721211.60	10.28268	(19040418)				
432802.71	3721413.18	7.04101	(17070719)		432674.64	
3721290.52	8.08355	(17070719)				
432613.30	3721308.11	10.75879	(17070719)		432550.62	
3721318.93	13.25349	(17070719)				
432615.11	3721232.79	8.86075	(19040418)		432534.84	
3721218.82	11.69041	(17070719)				
432381.96	3721246.77	19.55457	(17070719)		432413.98	
3721344.18	15.73211	(17070719)				
432490.19	3721330.65	15.04842	(17070719)		432375.65	
3721348.24	15.32918	(17070719)				
432365.73	3721270.22	19.21566	(17070719)		432314.77	
3721271.13	19.37400	(17070719)				
432246.67	3721271.13	17.65993	(17070719)		432302.59	
3721208.44	23.23645	(17070719)				
432234.05	3721217.01	22.62724	(17070719)		432247.12	
3721359.97	15.44881	(18071405)				
432356.71	3721352.75	14.75324	(17070719)		432289.06	
3721101.11	25.20365	(17070719)				
432217.81	3721121.86	31.06139	(17070719)		432214.66	
3721047.45	31.86237	(17070719)				
432280.04	3721039.78	22.37890	(17070719)		432195.26	

3720984.32	31.19774	(19040418)	
432188.05	3720943.73	41.15744	(19040418) 432243.97
3720808.89	41.40644	(21101617)	
432150.62	3720733.13	61.89174	(21101617) 432249.83
3720693.00	34.82433	(21101617)	
432206.99	3720559.06	28.22050	(21021017) 432232.69
3720348.46	21.59855	(20041418)	
432180.38	3720350.72	29.27348	(20041418) 432183.09
3720281.27	29.02610	(20041418)	
432236.75	3720646.55	32.95271	(18121016) 432042.84
3720348.46	42.77053	(19101917)	
431941.37	3720348.46	59.01360	(20090918) 431888.61
3720357.48	51.36592	(20090918)	
431923.34	3720345.30	56.08555	(20090918) 431907.10
3720352.52	55.15893	(20090918)	
431851.18	3720360.64	47.16116	(18120916) 431852.21
3720441.91	80.53092	(20090918)	
431852.07	3720489.04	124.42108	(20090918) 431845.13
3720523.74	167.64599	(20090918)	
431823.30	3720473.86	95.65163	(18120916) 431823.88
3720457.81	84.78013	(18120916)	
431793.30	3720942.34	122.80673	(20122620) 431690.56
3720987.19	118.95772	(19021217)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL2 ***
INCLUDING SOURCE(S): VOL2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	205.15713	(19021217)	432011.44	
3720873.33	82.71190	(19040418)			
432052.07	3720849.95	87.82133	(19040418)	432084.66	
3720824.64	72.99417	(19040418)			
432095.01	3720762.16	80.73025	(21101617)	432127.98	
3720889.43	61.60127	(19040418)			
432095.77	3720936.20	49.49143	(17070719)	431860.12	
3720941.68	111.17844	(21021920)			
431774.93	3721018.65	89.25558	(20122620)	431864.43	
3720908.43	119.13642	(21021920)			
431846.93	3720964.64	104.25323	(20022307)	431144.82	
3719945.78	7.47822	(21021704)			
431157.20	3719933.07	7.68442	(19123104)	431994.43	
3719146.82	20.76361	(20122118)			
431999.70	3719120.50	20.38974	(20122118)	434516.47	
3720617.48	3.47983	(19021719)			
434406.06	3720633.41	1.32773			
(19123016)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL20 ***
 INCLUDING SOURCE(S): VOL20 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	224.20946	(21090424)	431839.58	
3720538.42	205.04903	(19020217)			
431848.44	3720506.30	236.13238	(19013117)	431808.02	
3720544.24	145.91308	(20051104)			
432072.45	3720450.37	905.85471	(21101617)	432046.42	
3720409.11	884.59581	(20090918)			
432081.39	3720459.96	963.78267	(21101617)	432108.76	
3720473.97	644.07205	(21101617)			
431818.11	3720498.90	193.12904	(19013117)	431824.87	
3720465.08	298.90650	(21120204)			
431746.87	3720630.10	183.51874	(21021003)	431718.91	
3720636.87	173.81576	(21021003)			
431769.86	3720571.04	194.41378	(21090404)	431828.48	
3720830.29	67.55345	(20021921)			
431795.56	3720851.94	61.75595	(21051023)	431709.90	
3720687.81	150.41067	(21101622)			
431720.72	3720650.84	169.56263	(20050504)	431690.06	
3720613.42	143.18596	(21090404)			
431685.55	3720648.14	154.40883	(21021003)	431653.09	
3720714.87	127.98101	(20050502)			
431660.75	3720740.12	129.21618	(20091403)	431667.06	
3720767.17	119.75004	(21041803)			
431672.47	3720800.08	104.86060	(21090424)	431676.08	
3720826.23	92.06356	(20121320)			
431680.14	3720851.94	52.21224	(17091907)	433382.64	
3721167.41	5.03633	(19040418)			
433341.15	3721247.68	4.39423	(19020503)	433323.12	
3721251.28	4.40668	(19020503)			
432993.01	3721124.56	8.33959	(17070719)	432819.84	
3721275.64	9.66704	(17070719)			
432735.51	3721287.81	8.21597	(20051324)	432701.69	
3721285.56	9.33273	(20051324)			
432888.84	3721184.54	11.32956	(17070719)	432798.65	
3721183.19	12.35345	(17070719)			
432741.38	3721201.68	11.52667	(17070719)	432669.67	
3721211.60	9.73992	(17070719)			
432802.71	3721413.18	7.76653	(20051324)	432674.64	
3721290.52	10.41507	(20051324)			
432613.30	3721308.11	13.85911	(18071405)	432550.62	
3721318.93	17.06227	(21092124)			
432615.11	3721232.79	12.24975	(21081203)	432534.84	
3721218.82	16.98899	(18071405)			
432381.96	3721246.77	23.66952	(21021920)	432413.98	
3721344.18	20.79824	(21021920)			
432490.19	3721330.65	18.93190	(21021920)	432375.65	
3721348.24	21.46826	(20022307)			
432365.73	3721270.22	23.12115	(19122918)	432314.77	
3721271.13	24.23666	(20022307)			
432246.67	3721271.13	23.52167	(20101722)	432302.59	

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	44.97585	(21121819)	432011.44	
3720873.33	63.75491	(19121219)			
432052.07	3720849.95	70.91796	(20122620)	432084.66	
3720824.64	70.94016	(17022801)			
432095.01	3720762.16	90.23477	(20022307)	432127.98	
3720889.43	57.89504	(20101722)			
432095.77	3720936.20	49.81126	(20122620)	431860.12	
3720941.68	45.56536	(21121618)			
431774.93	3721018.65	33.75527	(20021921)	431864.43	
3720908.43	51.03958	(19021217)			
431846.93	3720964.64	43.48747	(21121618)	431144.82	
3719945.78	41.80673	(21122423)			
431157.20	3719933.07	38.85733	(21122423)	431994.43	
3719146.82	25.65501	(21020221)			

431999.70 3719120.50 25.09896 (21020221) 434516.47
3720617.48 8.72674 (18122506)
434406.06 3720633.41 8.63639
(18122506)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL21 ***
INCLUDING SOURCE(S): VOL21 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	227.62809	(21021007)	431839.58	
3720538.42	161.84580	(19013117)			
431848.44	3720506.30	218.89302	(19013117)	431808.02	
3720544.24	130.20206	(19013117)			
432072.45	3720450.37	864.33131	(21021017)	432046.42	
3720409.11	812.76512	(20090918)			
432081.39	3720459.96	827.21120	(21101617)	432108.76	
3720473.97	715.04427	(21101617)			
431818.11	3720498.90	164.60014	(19022804)	431824.87	
3720465.08	292.09712	(21120204)			
431746.87	3720630.10	175.65439	(21021003)	431718.91	
3720636.87	161.18083	(21090404)			
431769.86	3720571.04	152.41691	(21090404)	431828.48	
3720830.29	69.47101	(21051023)			
431795.56	3720851.94	65.07407	(21121819)	431709.90	
3720687.81	149.99298	(20050502)			
431720.72	3720650.84	165.37649	(21021003)	431690.06	
3720613.42	115.05103	(21090404)			
431685.55	3720648.14	140.81968	(21090404)	431653.09	
3720714.87	132.41828	(20050504)			
431660.75	3720740.12	123.99875	(21101622)	431667.06	
3720767.17	117.66391	(21021007)			
431672.47	3720800.08	102.87396	(21051024)	431676.08	
3720826.23	89.89927	(17010423)			
431680.14	3720851.94	51.35848	(19121220)	433382.64	
3721167.41	5.25744	(19040418)			
433341.15	3721247.68	4.48764	(19020503)	433323.12	
3721251.28	4.50395	(19020503)			
432993.01	3721124.56	8.46837	(17070719)	432819.84	
3721275.64	10.00279	(17070719)			
432735.51	3721287.81	8.46690	(20051324)	432701.69	
3721285.56	9.62436	(20051324)			
432888.84	3721184.54	11.66867	(17070719)	432798.65	
3721183.19	12.79275	(17070719)			
432741.38	3721201.68	11.96103	(17070719)	432669.67	
3721211.60	10.10349	(17070719)			
432802.71	3721413.18	7.98767	(20051324)	432674.64	
3721290.52	10.74437	(20051324)			
432613.30	3721308.11	14.34288	(18071405)	432550.62	
3721318.93	17.59270	(21092124)			
432615.11	3721232.79	12.70736	(21081203)	432534.84	

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	43.79351	(20112521)	432011.44	
3720873.33	65.04603	(19121219)			
432052.07	3720849.95	73.80240	(20122620)	432084.66	
3720824.64	75.91586	(20122620)			
432095.01	3720762.16	95.54347	(20101722)	432127.98	
3720889.43	60.50835	(20101722)			

432095.77	3720936.20	53.40952	(20122620)	431860.12
3720941.68	46.77745	(21121618)		
431774.93	3721018.65	34.15251	(20021921)	431864.43
3720908.43	51.54330	(19021217)		
431846.93	3720964.64	44.22028	(21121618)	431144.82
3719945.78	39.66746	(21122423)		
431157.20	3719933.07	36.67217	(21122423)	431994.43
3719146.82	25.24173	(21020221)		
431999.70	3719120.50	24.80092	(21020221)	434516.47
3720617.48	8.68604	(18122507)		
434406.06	3720633.41	8.57824		
(18122506)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL22 ***
INCLUDING SOURCE(S): VOL22 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	474.36690	(19022804)	431839.58	
3720538.42	184.72790	(18082607)			
431848.44	3720506.30	139.02147	(18012717)	431808.02	
3720544.24	185.22074	(19033001)			
432072.45	3720450.37	125.56269	(20090918)	432046.42	
3720409.11	120.56756	(20090918)			
432081.39	3720459.96	132.50013	(20041418)	432108.76	
3720473.97	122.90566	(20041418)			
431818.11	3720498.90	104.16622	(19123104)	431824.87	
3720465.08	87.86613	(20120807)			
431746.87	3720630.10	228.79068	(19022804)	431718.91	
3720636.87	279.27398	(21120204)			
431769.86	3720571.04	232.80727	(19022605)	431828.48	
3720830.29	190.96511	(19021217)			
431795.56	3720851.94	164.91457	(21121316)	431709.90	
3720687.81	156.50449	(19013117)			
431720.72	3720650.84	254.91032	(21120204)	431690.06	
3720613.42	247.39990	(21110503)			
431685.55	3720648.14	241.13211	(20020723)	431653.09	
3720714.87	125.33404	(18012822)			
431660.75	3720740.12	134.54973	(21090404)	431667.06	
3720767.17	173.67128	(21090404)			
431672.47	3720800.08	109.04462	(21090624)	431676.08	
3720826.23	103.91075	(19091602)			
431680.14	3720851.94	95.89913	(19091602)	433382.64	
3721167.41	5.67755	(19040418)			
433341.15	3721247.68	6.07033	(19040418)	433323.12	
3721251.28	6.15676	(19040418)			
432993.01	3721124.56	10.08718	(19040418)	432819.84	
3721275.64	10.55294	(17070719)			
432735.51	3721287.81	13.20941	(17070719)	432701.69	
3721285.56	14.03477	(17070719)			
432888.84	3721184.54	8.50638	(19040418)	432798.65	

3721183.19	9.11828	(17070719)	
432741.38	3721201.68	12.08909	(17070719) 432669.67
3721211.60	15.30198	(17070719)	
432802.71	3721413.18	10.78008	(17070719) 432674.64
3721290.52	14.47587	(17070719)	
432613.30	3721308.11	14.26743	(17070719) 432550.62
3721318.93	12.82343	(17070719)	
432615.11	3721232.79	16.85716	(17070719) 432534.84
3721218.82	18.44274	(17070719)	
432381.96	3721246.77	18.40452	(18071405) 432413.98
3721344.18	18.19666	(18071405)	
432490.19	3721330.65	12.28220	(20051324) 432375.65
3721348.24	20.94329	(21092124)	
432365.73	3721270.22	20.53596	(18071405) 432314.77
3721271.13	24.43856	(21092124)	
432246.67	3721271.13	28.61783	(21021920) 432302.59
3721208.44	25.35227	(18071405)	
432234.05	3721217.01	30.86808	(21021920) 432247.12
3721359.97	25.90643	(19122918)	
432356.71	3721352.75	22.06555	(18052223) 432289.06
3721101.11	23.72946	(20082924)	
432217.81	3721121.86	34.60009	(18052223) 432214.66
3721047.45	34.81436	(18071405)	
432280.04	3721039.78	33.26767	(17070719) 432195.26
3720984.32	38.42065	(17070719)	
432188.05	3720943.73	52.89211	(17070719) 432243.97
3720808.89	74.55653	(19040418)	
432150.62	3720733.13	150.83764	(19040418) 432249.83
3720693.00	93.01789	(21101617)	
432206.99	3720559.06	67.47072	(21021017) 432232.69
3720348.46	52.81406	(20041418)	
432180.38	3720350.72	60.39203	(20041418) 432183.09
3720281.27	48.99960	(20090918)	
432236.75	3720646.55	93.76884	(21101617) 432042.84
3720348.46	75.80466	(20090918)	
431941.37	3720348.46	84.78314	(17022717) 431888.61
3720357.48	64.10241	(19020216)	
431923.34	3720345.30	84.98200	(18121317) 431907.10
3720352.52	72.05039	(17022717)	
431851.18	3720360.64	62.76321	(18012717) 431852.21
3720441.91	101.53271	(18012717)	
431852.07	3720489.04	135.65546	(18012717) 431845.13
3720523.74	152.33476	(19010716)	
431823.30	3720473.86	92.59549	(20120807) 431823.88
3720457.81	83.46185	(20120807)	
431793.30	3720942.34	90.95802	(19021217) 431690.56
3720987.19	66.65177	(21121316)	



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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL22 ***
INCLUDING SOURCE(S): VOL22 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			

431680.98	3720921.25	82.36885	(17091907)	432011.44
3720873.33	117.76786	(20022307)		
432052.07	3720849.95	106.65295	(18052223)	432084.66
3720824.64	130.00589	(17070719)		
432095.01	3720762.16	169.32915	(17070719)	432127.98
3720889.43	76.46277	(17070719)		
432095.77	3720936.20	70.24917	(21021920)	431860.12
3720941.68	99.44422	(19021217)		
431774.93	3721018.65	60.28945	(19021217)	431864.43
3720908.43	122.50379	(19021217)		
431846.93	3720964.64	90.11271	(19021217)	431144.82
3719945.78	22.61689	(21021004)		
431157.20	3719933.07	22.87916	(21021004)	431994.43
3719146.82	21.76025	(20010218)		
431999.70	3719120.50	21.27890	(20010218)	434516.47
3720617.48	6.54436	(18122507)		
434406.06	3720633.41	6.27720		
(18122507)				

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ELOPTs: ReqDFAULT CONC ELEV URBAN ADJ U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL23 ***
INCLUDING SOURCE(S): VOL23 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3      **

```

COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
1	1	1	1	1	1	1	1

431824.47	3720637.57	520.25474	(19020217)	431839.58
3720538.42	467.94897	(17011216)		
431848.44	3720506.30	274.61194	(18082607)	431808.02
3720544.24	343.83844	(19022605)		
432072.45	3720450.37	177.53490	(20041418)	432046.42
3720409.11	163.60317	(20090918)		
432081.39	3720459.96	165.66452	(20041418)	432108.76
3720473.97	113.45462	(19012817)		
431818.11	3720498.90	215.32257	(19033001)	431824.87
3720465.08	140.97543	(18082607)		
431746.87	3720630.10	209.86792	(19013117)	431718.91
3720636.87	166.36052	(19013117)		
431769.86	3720571.04	264.27281	(19022804)	431828.48
3720830.29	148.29161	(19021217)		
431795.56	3720851.94	105.14720	(19021217)	431709.90
3720687.81	213.45193	(21090404)		
431720.72	3720650.84	155.99277	(21090404)	431690.06
3720613.42	205.58130	(20020723)		
431685.55	3720648.14	136.19552	(17120723)	431653.09
3720714.87	165.83080	(21090404)		
431660.75	3720740.12	190.28593	(21021003)	431667.06
3720767.17	170.93255	(20091302)		
431672.47	3720800.08	93.18909	(19091602)	431676.08
3720826.23	89.15294	(17090704)		
431680.14	3720851.94	84.05515	(17091907)	433382.64

3721167.41	5.85067	(19040418)	
433341.15	3721247.68	5.64203	(19040418) 433323.12
3721251.28	5.65107	(19040418)	
432993.01	3721124.56	8.84747	(19040418) 432819.84
3721275.64	11.09986	(17070719)	
432735.51	3721287.81	12.67256	(17070719) 432701.69
3721285.56	13.05189	(17070719)	
432888.84	3721184.54	7.51254	(17070719) 432798.65
3721183.19	10.62951	(17070719)	
432741.38	3721201.68	12.99782	(17070719) 432669.67
3721211.60	15.05571	(17070719)	
432802.71	3721413.18	9.71313	(17070719) 432674.64
3721290.52	13.01767	(17070719)	
432613.30	3721308.11	11.78267	(17070719) 432550.62
3721318.93	10.30218	(20051324)	
432615.11	3721232.79	15.16470	(17070719) 432534.84
3721218.82	15.25543	(17070719)	
432381.96	3721246.77	19.87000	(18071405) 432413.98
3721344.18	18.85382	(21092124)	
432490.19	3721330.65	13.73557	(18071405) 432375.65
3721348.24	20.92499	(18052223)	
432365.73	3721270.22	21.26707	(21092124) 432314.77
3721271.13	24.10146	(18052223)	
432246.67	3721271.13	26.80196	(21021920) 432302.59
3721208.44	25.50759	(18052223)	
432234.05	3721217.01	29.31961	(21021920) 432247.12
3721359.97	24.40363	(20022307)	
432356.71	3721352.75	21.72836	(18052223) 432289.06
3721101.11	26.11141	(18071405)	
432217.81	3721121.86	33.50850	(21021920) 432214.66
3721047.45	35.39958	(21092124)	
432280.04	3721039.78	25.41815	(18071405) 432195.26
3720984.32	39.39079	(21092124)	
432188.05	3720943.73	40.14574	(18071405) 432243.97
3720808.89	62.92000	(17070719)	
432150.62	3720733.13	109.60017	(17070719) 432249.83
3720693.00	82.81277	(19040418)	
432206.99	3720559.06	87.67371	(18121016) 432232.69
3720348.46	51.25446	(20041418)	
432180.38	3720350.72	72.46511	(20041418) 432183.09
3720281.27	56.40271	(20041418)	
432236.75	3720646.55	97.64246	(21101617) 432042.84
3720348.46	118.88320	(20090918)	
431941.37	3720348.46	122.90729	(17022717) 431888.61
3720357.48	93.60440	(19020216)	
431923.34	3720345.30	118.20993	(18121317) 431907.10
3720352.52	102.51417	(17022717)	
431851.18	3720360.64	117.87747	(20122418) 431852.21
3720441.91	140.16082	(18012717)	
431852.07	3720489.04	194.12340	(19010716) 431845.13
3720523.74	374.49340	(17011216)	
431823.30	3720473.86	163.94051	(18082607) 431823.88
3720457.81	124.23350	(18082607)	
431793.30	3720942.34	75.15270	(19021217) 431690.56
3720987.19	53.75688	(21121316)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL23 ***
 INCLUDING SOURCE(S): VOL23 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	68.37171	(21121316)	432011.44	
3720873.33	90.96844	(20022307)			
432052.07	3720849.95	94.28982	(21021920)	432084.66	
3720824.64	82.80839	(21092124)			
432095.01	3720762.16	142.61400	(17070719)	432127.98	
3720889.43	61.10639	(18071405)			
432095.77	3720936.20	64.27322	(21021920)	431860.12	
3720941.68	74.27759	(19021217)			
431774.93	3721018.65	51.54498	(19021217)	431864.43	
3720908.43	89.37660	(19021217)			
431846.93	3720964.64	68.70365	(19021217)	431144.82	
3719945.78	24.77995	(21021004)			
431157.20	3719933.07	25.68501	(21021004)	431994.43	
3719146.82	22.60140	(20010218)			
431999.70	3719120.50	22.07879	(20010218)	434516.47	
3720617.48	7.09035	(18122507)			
434406.06	3720633.41	6.79987			
	(18122507)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL24 ***
INCLUDING SOURCE(S): VOL24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431824.47	3720637.57	292.40812	(20091302)	431839.58	
3720538.42	266.00049	(19022804)			
431848.44	3720506.30	307.98767	(19022804)	431808.02	
3720544.24	196.78784	(19022804)			
432072.45	3720450.37	437.84827	(20041418)	432046.42	
3720409.11	383.24707	(20090918)			
432081.39	3720459.96	364.59667	(20041418)	432108.76	
3720473.97	282.17632	(21021017)			
431818.11	3720498.90	235.23336	(19011420)	431824.87	
3720465.08	223.42440	(18122305)			
431746.87	3720630.10	184.79341	(21090404)	431718.91	
3720636.87	157.23332	(21090404)			
431769.86	3720571.04	150.93900	(19013117)	431828.48	
3720830.29	83.03125	(21051023)			
431795.56	3720851.94	77.52184	(21121819)	431709.90	
3720687.81	177.52393	(21021003)			
431720.72	3720650.84	176.26431	(21090404)	431690.06	

3720613.42	110.80305	(18011318)	
431685.55	3720648.14	127.85969	(21090404)
3720714.87	145.59237	(21021003)	
431660.75	3720740.12	148.79155	(20050504)
3720767.17	135.67871	(21101622)	
431672.47	3720800.08	119.12023	(21021007)
3720826.23	63.52488	(17090704)	
431680.14	3720851.94	59.97212	(19121220)
3721167.41	5.84605	(19040418)	
433341.15	3721247.68	4.70401	(19040418)
3721251.28	4.61926	(19020503)	
432993.01	3721124.56	6.45240	(17070719)
3721275.64	11.42098	(17070719)	
432735.51	3721287.81	10.69783	(17070719)
3721285.56	10.26145	(17070719)	
432888.84	3721184.54	10.81261	(17070719)
3721183.19	13.19015	(17070719)	
432741.38	3721201.68	13.72560	(17070719)
3721211.60	13.16222	(17070719)	
432802.71	3721413.18	7.27813	(17070719)
3721290.52	9.48142	(17070719)	
432613.30	3721308.11	11.46558	(21081203)
3721318.93	15.44395	(18071405)	
432615.11	3721232.79	10.88082	(17070719)
3721218.82	14.14869	(20082924)	
432381.96	3721246.77	24.04585	(21021920)
3721344.18	21.65636	(21021920)	
432490.19	3721330.65	18.52422	(21092124)
3721348.24	22.55645	(21021920)	
432365.73	3721270.22	24.41817	(21021920)
3721271.13	25.09905	(19122918)	
432246.67	3721271.13	26.17091	(20022307)
3721208.44	27.56731	(21021920)	
432234.05	3721217.01	28.72843	(20022307)
3721359.97	22.80901	(20102819)	
432356.71	3721352.75	22.67214	(19122918)
3721101.11	32.28403	(21021920)	
432217.81	3721121.86	34.10443	(20022307)
3721047.45	38.04506	(19122918)	
432280.04	3721039.78	35.17474	(21021920)
3720984.32	44.98049	(21021920)	
432188.05	3720943.73	50.29951	(21021920)
3720808.89	61.35704	(17070719)	
432150.62	3720733.13	99.93133	(17070719)
3720693.00	88.84551	(17070719)	
432206.99	3720559.06	181.28863	(21101617)
3720348.46	71.70613	(20041418)	
432180.38	3720350.72	117.38760	(20041418)
3720281.27	86.58784	(19101917)	
432236.75	3720646.55	125.15303	(19040418)
3720348.46	173.84583	(18120916)	
431941.37	3720348.46	193.25264	(19012319)
3720357.48	189.78276	(21121703)	
431923.34	3720345.30	193.73496	(18010424)
3720352.52	184.83016	(20120723)	
431851.18	3720360.64	185.83717	(19121223)
3720441.91	242.50364	(19022605)	
431852.07	3720489.04	313.01517	(18122305)
3720523.74	308.65913	(19022804)	
431823.30	3720473.86	232.97353	(18122305)
3720457.81	214.63304	(19022605)	
431793.30	3720942.34	53.89202	(20021921)
3720987.19	43.17284	(21121819)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL24 ***
 INCLUDING SOURCE(S): VOL24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	50.79262	(19121220)	432011.44	
3720873.33	77.33447	(20122620)			
432052.07	3720849.95	79.40210	(17022801)	432084.66	
3720824.64	87.94480	(20022307)			
432095.01	3720762.16	111.14246	(21021920)	432127.98	
3720889.43	69.18910	(20022307)			
432095.77	3720936.20	57.11840	(20101722)	431860.12	
3720941.68	57.51367	(19021217)			
431774.93	3721018.65	38.40668	(20021921)	431864.43	
3720908.43	66.36720	(19021217)			
431846.93	3720964.64	51.84263	(19021217)	431144.82	
3719945.78	28.61307	(17011607)			
431157.20	3719933.07	29.18097	(17011607)	431994.43	
3719146.82	24.35594	(21020221)			
431999.70	3719120.50	23.72527	(21020221)	434516.47	
3720617.48	8.49182	(18122507)			
434406.06	3720633.41	8.27130			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL25 ***
 INCLUDING SOURCE(S): VOL25 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431824.47	3720637.57	201.89238	(21090404)	431839.58	
3720538.42	184.31201	(19022804)			
431848.44	3720506.30	191.38201	(19011420)	431808.02	
3720544.24	148.27492	(19022804)			
432072.45	3720450.37	525.10210	(20090918)	432046.42	
3720409.11	308.38696	(17022717)			
432081.39	3720459.96	695.63224	(20090918)	432108.76	
3720473.97	610.88914	(20041418)			
431818.11	3720498.90	156.89107	(19011420)	431824.87	

3720465.08	153.34354	(18122305)	
431746.87	3720630.10	87.58649	(21090404) 431718.91
3720636.87	87.48596	(17120821)	
431769.86	3720571.04	124.83641	(19022804) 431828.48
3720830.29	82.45511	(21121316)	
431795.56	3720851.94	71.81702	(17091907) 431709.90
3720687.81	122.56003	(21090404)	
431720.72	3720650.84	90.87199	(21090404) 431690.06
3720613.42	87.95486	(17011624)	
431685.55	3720648.14	88.50507	(18011318) 431653.09
3720714.87	99.88073	(21090404)	
431660.75	3720740.12	119.84276	(21090404) 431667.06
3720767.17	120.88035	(21021003)	
431672.47	3720800.08	105.17270	(20091302) 431676.08
3720826.23	56.92235	(19091602)	
431680.14	3720851.94	53.88752	(19091602) 433382.64
3721167.41	6.19140	(19040418)	
433341.15	3721247.68	4.81022	(19020503) 433323.12
3721251.28	4.85328	(19020503)	
432993.01	3721124.56	8.01839	(17070719) 432819.84
3721275.64	11.80583	(17070719)	
432735.51	3721287.81	10.20468	(17070719) 432701.69
3721285.56	9.75576	(20051324)	
432888.84	3721184.54	12.49755	(17070719) 432798.65
3721183.19	14.55590	(17070719)	
432741.38	3721201.68	14.29843	(17070719) 432669.67
3721211.60	12.69519	(17070719)	
432802.71	3721413.18	8.08665	(20051324) 432674.64
3721290.52	11.01852	(20051324)	
432613.30	3721308.11	14.87420	(18071405) 432550.62
3721318.93	18.70093	(21092124)	
432615.11	3721232.79	12.90353	(21081203) 432534.84
3721218.82	18.52250	(18071405)	
432381.96	3721246.77	26.48098	(21021920) 432413.98
3721344.18	22.99331	(19122918)	
432490.19	3721330.65	20.99087	(21021920) 432375.65
3721348.24	24.06886	(20022307)	
432365.73	3721270.22	25.83660	(19122918) 432314.77
3721271.13	27.06002	(20022307)	
432246.67	3721271.13	26.41338	(20101722) 432302.59
3721208.44	29.96158	(20022307)	
432234.05	3721217.01	28.97006	(20101722) 432247.12
3721359.97	23.39850	(20101722)	
432356.71	3721352.75	24.41733	(20022307) 432289.06
3721101.11	35.14625	(20022307)	
432217.81	3721121.86	34.58940	(20101722) 432214.66
3721047.45	41.08225	(20022307)	
432280.04	3721039.78	40.43134	(21021920) 432195.26
3720984.32	49.40332	(20022307)	
432188.05	3720943.73	56.13453	(20022307) 432243.97
3720808.89	63.70493	(18071405)	
432150.62	3720733.13	134.88838	(21021920) 432249.83
3720693.00	138.69305	(17070719)	
432206.99	3720559.06	296.05283	(21101617) 432232.69
3720348.46	119.47293	(20041418)	
432180.38	3720350.72	148.60306	(20090918) 432183.09
3720281.27	108.30266	(20090918)	
432236.75	3720646.55	163.70736	(19040418) 432042.84
3720348.46	168.54368	(17022717)	
431941.37	3720348.46	165.74581	(21121703) 431888.61
3720357.48	148.11994	(19121223)	
431923.34	3720345.30	173.67408	(21121703) 431907.10
3720352.52	157.28930	(19121223)	
431851.18	3720360.64	141.28609	(21021004) 431852.21
3720441.91	168.45981	(19022605)	
431852.07	3720489.04	193.20283	(19011420) 431845.13

3720523.74	194.27903	(19022804)		
431823.30	3720473.86	155.96762	(18122305)	431823.88
3720457.81	147.39228	(18122305)		
431793.30	3720942.34	53.69740	(21121819)	431690.56
3720987.19	39.04819	(19121220)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL25 ***
INCLUDING SOURCE(S): VOL25 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	46.58507	(21051104)	432011.44	
3720873.33	75.12928	(21112218)			
432052.07	3720849.95	87.81844	(19121219)	432084.66	
3720824.64	99.43816	(20122620)			
432095.01	3720762.16	125.37200	(17022801)	432127.98	
3720889.43	71.79307	(17022801)			
432095.77	3720936.20	64.64886	(20122620)	431860.12	
3720941.68	48.86647	(20021921)			
431774.93	3721018.65	37.69352	(21121819)	431864.43	
3720908.43	53.62262	(17071702)			
431846.93	3720964.64	45.71525	(20021921)	431144.82	
3719945.78	29.46016	(21122423)			
431157.20	3719933.07	26.93099	(17011607)	431994.43	
3719146.82	24.45421	(17072906)			
431999.70	3719120.50	23.75534	(17072906)	434516.47	
3720617.48	8.76671	(18122507)			
434406.06	3720633.41	8.56594			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL26 ***
INCLUDING SOURCE(S): VOL26 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	222.52102	(21101622)	431839.58	

3720538.42	173.94693	(19013117)	
431848.44	3720506.30	197.64605	(19022804) 431808.02
3720544.24	136.65124	(19013117)	
432072.45	3720450.37	1089.84426	(20041418) 432046.42
3720409.11	560.71226	(17022717)	
432081.39	3720459.96	893.67269	(19012817) 432108.76
3720473.97	666.43717	(21101617)	
431818.11	3720498.90	169.01478	(19022804) 431824.87
3720465.08	265.53604	(21120204)	
431746.87	3720630.10	162.37995	(21090404) 431718.91
3720636.87	145.17615	(21090404)	
431769.86	3720571.04	113.91218	(21090404) 431828.48
3720830.29	72.78272	(21121819)	
431795.56	3720851.94	66.07602	(21121819) 431709.90
3720687.81	149.41186	(21021003)	
431720.72	3720650.84	153.77362	(21090404) 431690.06
3720613.42	92.57099	(18011318)	
431685.55	3720648.14	123.82658	(21090404) 431653.09
3720714.87	127.95584	(21021003)	
431660.75	3720740.12	126.73446	(20050504) 431667.06
3720767.17	116.80857	(21101622)	
431672.47	3720800.08	104.50508	(21021007) 431676.08
3720826.23	88.24459	(17010423)	
431680.14	3720851.94	50.91107	(17090704) 433382.64
3721167.41	5.44793	(19040418)	
433341.15	3721247.68	4.56782	(19020503) 433323.12
3721251.28	4.58739	(19020503)	
432993.01	3721124.56	8.59492	(17070719) 432819.84
3721275.64	10.29057	(17070719)	
432735.51	3721287.81	8.70440	(20051324) 432701.69
3721285.56	9.89798	(20051324)	
432888.84	3721184.54	11.97488	(17070719) 432798.65
3721183.19	13.18039	(17070719)	
432741.38	3721201.68	12.33487	(17070719) 432669.67
3721211.60	10.40452	(17070719)	
432802.71	3721413.18	8.19489	(20051324) 432674.64
3721290.52	11.07103	(21081203)	
432613.30	3721308.11	14.79039	(18071405) 432550.62
3721318.93	18.06406	(21092124)	
432615.11	3721232.79	13.14337	(18071405) 432534.84
3721218.82	18.20411	(18071405)	
432381.96	3721246.77	24.66303	(21021920) 432413.98
3721344.18	21.65496	(19122918)	
432490.19	3721330.65	20.09080	(21021920) 432375.65
3721348.24	22.64005	(20022307)	
432365.73	3721270.22	24.12475	(19122918) 432314.77
3721271.13	25.23865	(20022307)	
432246.67	3721271.13	24.62017	(20101722) 432302.59
3721208.44	27.78974	(20022307)	
432234.05	3721217.01	26.83711	(20101722) 432247.12
3721359.97	22.04147	(20101722)	
432356.71	3721352.75	22.91988	(20022307) 432289.06
3721101.11	32.29816	(20022307)	
432217.81	3721121.86	31.56873	(20101722) 432214.66
3721047.45	36.96730	(20022307)	
432280.04	3721039.78	36.51422	(19122918) 432195.26
3720984.32	43.82461	(20022307)	
432188.05	3720943.73	49.16410	(20022307) 432243.97
3720808.89	57.89838	(21092124)	
432150.62	3720733.13	108.08088	(21021920) 432249.83
3720693.00	109.10748	(17070719)	
432206.99	3720559.06	234.49059	(19040418) 432232.69
3720348.46	99.63180	(20041418)	
432180.38	3720350.72	176.70271	(20041418) 432183.09
3720281.27	123.61219	(20090918)	
432236.75	3720646.55	136.21294	(17070719) 432042.84

3720348.46	295.55773	(17022717)		
431941.37	3720348.46	248.78140	(21121703)	431888.61
3720357.48	204.71757	(21021004)		
431923.34	3720345.30	234.42591	(21121703)	431907.10
3720352.52	220.78868	(21122223)		
431851.18	3720360.64	221.03386	(21122423)	431852.21
3720441.91	215.10548	(18122305)		
431852.07	3720489.04	227.26445	(19022804)	431845.13
3720523.74	190.38587	(19013117)		
431823.30	3720473.86	265.39591	(21120204)	431823.88
3720457.81	257.35279	(21123108)		
431793.30	3720942.34	47.23476	(21051023)	431690.56
3720987.19	38.11100	(21121819)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL26 ***
INCLUDING SOURCE(S): VOL26 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	44.94664	(19121220)	432011.44	
3720873.33	65.07076	(21090723)			
432052.07	3720849.95	75.00145	(20122620)	432084.66	
3720824.64	81.72444	(20122620)			
432095.01	3720762.16	100.03112	(20101722)	432127.98	
3720889.43	62.29853	(20101722)			
432095.77	3720936.20	56.19398	(20122620)	431860.12	
3720941.68	46.73527	(21121618)			
431774.93	3721018.65	33.89342	(17071702)	431864.43	
3720908.43	50.96627	(21121618)			
431846.93	3720964.64	43.86541	(21121618)	431144.82	
3719945.78	37.90528	(21122423)			
431157.20	3719933.07	34.92657	(21122423)	431994.43	
3719146.82	24.80198	(21121818)			
431999.70	3719120.50	24.36302	(21020221)	434516.47	
3720617.48	8.75821	(18122507)			
434406.06	3720633.41	8.51038			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL27 ***
INCLUDING SOURCE(S): VOL27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	212.64006	(21021003)	431839.58	
3720538.42	151.32283	(19013117)			
431848.44	3720506.30	196.41439	(19022804)	431808.02	
3720544.24	120.19299	(19013117)			
432072.45	3720450.37	1007.42950	(20090918)	432046.42	
3720409.11	450.49183	(17022717)			
432081.39	3720459.96	1088.75921	(20090918)	432108.76	
3720473.97	654.99328	(19012817)			
431818.11	3720498.90	162.02508	(19022804)	431824.87	
3720465.08	161.69790	(19011420)			
431746.87	3720630.10	125.93913	(21090404)	431718.91	
3720636.87	108.25254	(21090404)			
431769.86	3720571.04	96.85510	(19013117)	431828.48	
3720830.29	77.16947	(21121316)			
431795.56	3720851.94	64.27311	(21121316)	431709.90	
3720687.81	137.25534	(21090404)			
431720.72	3720650.84	125.39125	(21090404)	431690.06	
3720613.42	87.80816	(18011318)			
431685.55	3720648.14	89.57889	(21090404)	431653.09	
3720714.87	116.00003	(21090404)			
431660.75	3720740.12	124.44401	(21021003)	431667.06	
3720767.17	115.04355	(20050502)			
431672.47	3720800.08	101.45836	(21101622)	431676.08	
3720826.23	84.17659	(21021007)			
431680.14	3720851.94	51.75373	(17090704)	433382.64	
3721167.41	5.75801	(19040418)			
433341.15	3721247.68	4.69235	(19020503)	433323.12	
3721251.28	4.71776	(19020503)			
432993.01	3721124.56	8.75719	(17070719)	432819.84	
3721275.64	10.77937	(17070719)			
432735.51	3721287.81	9.03960	(20051324)	432701.69	
3721285.56	10.28835	(20051324)			
432888.84	3721184.54	12.45500	(17070719)	432798.65	
3721183.19	13.81772	(17070719)			
432741.38	3721201.68	12.97163	(17070719)	432669.67	
3721211.60	10.93796	(17070719)			
432802.71	3721413.18	8.49004	(20051324)	432674.64	
3721290.52	11.56890	(21081203)			
432613.30	3721308.11	15.44048	(18071405)	432550.62	
3721318.93	18.75061	(21092124)			
432615.11	3721232.79	13.78212	(18071405)	432534.84	
3721218.82	19.05891	(18071405)			
432381.96	3721246.77	25.38355	(19122918)	432413.98	
3721344.18	22.25813	(19122918)			
432490.19	3721330.65	20.87302	(21021920)	432375.65	
3721348.24	23.37130	(20022307)			
432365.73	3721270.22	25.15669	(20022307)	432314.77	
3721271.13	25.79166	(20022307)			
432246.67	3721271.13	25.19852	(20101722)	432302.59	
3721208.44	28.61687	(20022307)			
432234.05	3721217.01	27.56442	(20101722)	432247.12	
3721359.97	22.41117	(17022801)			
432356.71	3721352.75	23.48651	(20022307)	432289.06	
3721101.11	33.97600	(20022307)			
432217.81	3721121.86	32.82883	(20101722)	432214.66	
3721047.45	37.75798	(20022307)			
432280.04	3721039.78	38.21040	(19122918)	432195.26	
3720984.32	45.02239	(20022307)			
432188.05	3720943.73	51.06966	(20022307)	432243.97	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL28 ***
INCLUDING SOURCE(S): VOL28 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	240.71351	(19020217)	431839.58	
3720538.42	305.69502	(18122305)			
431848.44	3720506.30	261.38630	(19022605)	431808.02	
3720544.24	245.04750	(19011420)			
432072.45	3720450.37	238.90183	(20090918)	432046.42	
3720409.11	189.42663	(20090918)			
432081.39	3720459.96	249.85527	(20041418)	432108.76	
3720473.97	201.46127	(20041418)			
431818.11	3720498.90	218.69008	(19022605)	431824.87	
3720465.08	148.62993	(19033001)			
431746.87	3720630.10	141.96178	(19013117)	431718.91	
3720636.87	117.55737	(19013117)			
431769.86	3720571.04	192.34819	(19022804)	431828.48	
3720830.29	123.75634	(21121316)			
431795.56	3720851.94	107.50099	(21121316)	431709.90	
3720687.81	149.98201	(21090404)			
431720.72	3720650.84	114.74487	(17120723)	431690.06	
3720613.42	158.43784	(20020723)			
431685.55	3720648.14	112.19898	(21012207)	431653.09	
3720714.87	117.00531	(21090404)			
431660.75	3720740.12	151.60324	(21090404)	431667.06	
3720767.17	152.13560	(21021003)			
431672.47	3720800.08	127.44902	(21101622)	431676.08	
3720826.23	76.13082	(19091602)			
431680.14	3720851.94	72.58834	(17090704)	433382.64	
3721167.41	6.19750	(19040418)			
433341.15	3721247.68	5.66823	(19040418)	433323.12	
3721251.28	5.63899	(19040418)			
432993.01	3721124.56	8.65851	(19040418)	432819.84	
3721275.64	12.16112	(17070719)			
432735.51	3721287.81	12.89799	(17070719)	432701.69	
3721285.56	12.92957	(17070719)			
432888.84	3721184.54	9.28682	(17070719)	432798.65	
3721183.19	12.55589	(17070719)			
432741.38	3721201.68	14.51254	(17070719)	432669.67	
3721211.60	15.68990	(17070719)			
432802.71	3721413.18	9.31130	(17070719)	432674.64	
3721290.52	12.50607	(17070719)			
432613.30	3721308.11	10.39635	(17070719)	432550.62	
3721318.93	12.98658	(20082924)			
432615.11	3721232.79	14.60114	(17070719)	432534.84	
3721218.82	13.52834	(17070719)			
432381.96	3721246.77	23.43097	(21092124)	432413.98	
3721344.18	21.31458	(18052223)			
432490.19	3721330.65	17.09335	(18071405)	432375.65	
3721348.24	23.19166	(21021920)			
432365.73	3721270.22	24.18044	(18052223)	432314.77	
3721271.13	26.59051	(21021920)			
432246.67	3721271.13	28.07323	(20022307)	432302.59	
3721208.44	28.81949	(21021920)			
432234.05	3721217.01	30.55910	(20022307)	432247.12	

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ  U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL28 ***
INCLUDING SOURCE(S): VOL28 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER      IN
MICROGRAMS/M**3

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X-COORD (M)	(M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	60.13984	(17091907)		432011.44	
3720873.33	95.73522	(20122620)				
432052.07	3720849.95	99.23264	(20022307)		432084.66	
3720824.64	105.86486	(21021920)				
432095.01	3720762.16	118.32123	(21092124)		432127.98	
3720889.43	77.00019	(21021920)				
432095.77	3720936.20	68.79823	(20022307)		431860.12	
3720941.68	74.10070	(19021217)				
431774.93	3721018.65	43.93907	(20021921)		431864.43	
3720908.43	87.00541	(19021217)				
431846.93	3720964.64	66.11055	(19021217)		431144.82	
3719945.78	23.95908	(17011607)				
431157.20	3719933.07	25.17091	(21021004)		431994.43	
3719146.82	22.90830	(21020221)				
431999.70	3719120.50	22.26285	(19011101)		434516.47	
3720617.48	7.69484	(18122507)				

434406.06 3720633.41 7.47021
(18122507)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL29 ***
INCLUDING SOURCE(S): VOL29 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	156.59147	(19013117)	431839.58	
3720538.42	200.51973	(19011420)			
431848.44	3720506.30	189.85450	(19022605)	431808.02	
3720544.24	165.51269	(19011420)			
432072.45	3720450.37	265.36557	(20090918)	432046.42	
3720409.11	192.93064	(17022717)			
432081.39	3720459.96	338.32434	(20090918)	432108.76	
3720473.97	336.77754	(20090918)			
431818.11	3720498.90	152.24324	(19022605)	431824.87	
3720465.08	142.26694	(19022605)			
431746.87	3720630.10	103.44980	(20020723)	431718.91	
3720636.87	95.28131	(21011702)			
431769.86	3720571.04	195.99794	(21120204)	431828.48	
3720830.29	106.10774	(17091907)			
431795.56	3720851.94	87.19512	(17091907)	431709.90	
3720687.81	85.08813	(18012803)			
431720.72	3720650.84	92.17320	(17120723)	431690.06	
3720613.42	131.52398	(20020723)			
431685.55	3720648.14	92.84603	(17012920)	431653.09	
3720714.87	87.51658	(18011318)			
431660.75	3720740.12	101.77288	(21090404)	431667.06	
3720767.17	121.81598	(21090404)			
431672.47	3720800.08	113.64212	(21021003)	431676.08	
3720826.23	64.65120	(21090624)			
431680.14	3720851.94	62.79918	(19091602)	433382.64	
3721167.41	6.59862	(19040418)			
433341.15	3721247.68	5.70581	(19040418)	433323.12	
3721251.28	5.63430	(19040418)			
432993.01	3721124.56	8.42749	(19040418)	432819.84	
3721275.64	13.05767	(17070719)			
432735.51	3721287.81	12.64640	(17070719)	432701.69	
3721285.56	12.24585	(17070719)			
432888.84	3721184.54	11.45960	(17070719)	432798.65	
3721183.19	14.66841	(17070719)			
432741.38	3721201.68	15.84348	(17070719)	432669.67	
3721211.60	15.71474	(17070719)			
432802.71	3721413.18	8.56086	(17070719)	432674.64	
3721290.52	11.39478	(17070719)			
432613.30	3721308.11	12.55557	(21081203)	432550.62	
3721318.93	17.13160	(18071405)			
432615.11	3721232.79	13.23946	(17070719)	432534.84	
3721218.82	15.70346	(20082924)			
432381.96	3721246.77	27.18459	(21021920)	432413.98	


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*** MODELOPTs: ReqDFault CONC ELEV URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	53.17980	(17090704)	432011.44	
3720873.33	89.56808	(21090723)			
432052.07	3720849.95	108.19038	(20122620)	432084.66	
3720824.64	112.48519	(20101722)			
432095.01	3720762.16	165.89497	(20022307)	432127.98	
3720889.43	85.14838	(20022307)			
432095.77	3720936.20	70.54680	(20122620)	431860.12	
3720941.68	56.09252	(20021921)			

431774.93	3721018.65	44.27114	(21121316)	431864.43
3720908.43	65.35261	(21121316)		
431846.93	3720964.64	51.78282	(20021921)	431144.82
3719945.78	24.77330	(17011607)		
431157.20	3719933.07	24.91843	(17011607)	431994.43
3719146.82	23.32165	(21121818)		
431999.70	3719120.50	22.83577	(21020221)	434516.47
3720617.48	8.30784	(18122507)		
434406.06	3720633.41	8.14731		
(18122507)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL3 ***
 INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	332.36847	(17022717)	431839.58	
3720538.42	123.28209	(17022717)			
431848.44	3720506.30	95.23329	(17022717)	431808.02	
3720544.24	130.45139	(17022717)			
432072.45	3720450.37	54.47711	(20041418)	432046.42	
3720409.11	54.69810	(20090918)			
432081.39	3720459.96	56.99903	(20041418)	432108.76	
3720473.97	54.87424	(20041418)			
431818.11	3720498.90	96.90341	(17022717)	431824.87	
3720465.08	78.92038	(17022717)			
431746.87	3720630.10	184.35512	(18012717)	431718.91	
3720636.87	131.41111	(19010716)			
431769.86	3720571.04	122.36838	(19020216)	431828.48	
3720830.29	659.35801	(19090807)			
431795.56	3720851.94	745.27175	(19021217)	431709.90	
3720687.81	299.85578	(17011216)			
431720.72	3720650.84	166.73879	(18082607)	431690.06	
3720613.42	179.94063	(19121223)			
431685.55	3720648.14	219.47551	(21122223)	431653.09	
3720714.87	374.73864	(20102504)			
431660.75	3720740.12	410.09153	(21110503)	431667.06	
3720767.17	303.22527	(19022804)			
431672.47	3720800.08	306.38614	(19013117)	431676.08	
3720826.23	302.28819	(19020217)			
431680.14	3720851.94	272.74884	(19020217)	433382.64	
3721167.41	4.04681	(19050518)			
433341.15	3721247.68	4.58626	(19040418)	433323.12	
3721251.28	4.80187	(19040418)			
432993.01	3721124.56	7.46122	(19040418)	432819.84	
3721275.64	9.66452	(19040418)			
432735.51	3721287.81	9.01788	(19040418)	432701.69	
3721285.56	8.86243	(19040418)			
432888.84	3721184.54	10.39239	(19040418)	432798.65	
3721183.19	12.04705	(19040418)			
432741.38	3721201.68	12.49442	(19040418)	432669.67	

3721211.60	12.55619	(19040418)	
432802.71	3721413.18	7.79017	(17070719)
3721290.52	8.97886	(17070719)	
432613.30	3721308.11	12.21804	(17070719)
3721318.93	15.27859	(17070719)	
432615.11	3721232.79	11.07220	(19040418)
3721218.82	13.31396	(17070719)	
432381.96	3721246.77	23.21794	(17070719)
3721344.18	18.14979	(17070719)	
432490.19	3721330.65	17.46580	(17070719)
3721348.24	17.51141	(17070719)	
432365.73	3721270.22	22.66757	(17070719)
3721271.13	22.66612	(17070719)	
432246.67	3721271.13	20.04150	(17070719)
3721208.44	27.96553	(17070719)	
432234.05	3721217.01	26.66271	(17070719)
3721359.97	19.98102	(18071405)	
432356.71	3721352.75	16.70945	(17070719)
3721101.11	30.86291	(17070719)	
432217.81	3721121.86	38.75902	(17070719)
3721047.45	40.14448	(17070719)	
432280.04	3721039.78	30.44998	(19040418)
3720984.32	44.92429	(19040418)	
432188.05	3720943.73	57.58559	(19040418)
3720808.89	55.86619	(21101617)	
432150.62	3720733.13	62.77930	(18121016)
3720693.00	39.02508	(18121016)	
432206.99	3720559.06	29.56035	(21021017)
3720348.46	30.72679	(20041418)	
432180.38	3720350.72	33.74889	(20041418)
3720281.27	27.09582	(19101917)	
432236.75	3720646.55	31.95868	(21021017)
3720348.46	47.75190	(20090918)	
431941.37	3720348.46	36.66964	(18120916)
3720357.48	37.80352	(17022717)	
431923.34	3720345.30	34.85666	(18120916)
3720352.52	33.62120	(18120916)	
431851.18	3720360.64	46.41800	(17022717)
3720441.91	66.04261	(17022717)	
431852.07	3720489.04	84.33267	(17022717)
3720523.74	108.17240	(17022717)	
431823.30	3720473.86	83.13824	(17022717)
3720457.81	75.46337	(17022717)	
431793.30	3720942.34	212.76791	(19021217)
3720987.19	124.16469	(21121316)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL3 ***
INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			

431680.98	3720921.25	217.73742	(17091907)	432011.44
3720873.33	145.77391	(19040418)		
432052.07	3720849.95	126.90833	(19040418)	432084.66
3720824.64	107.36837	(21101617)		
432095.01	3720762.16	102.03691	(21101617)	432127.98
3720889.43	85.91845	(19040418)		
432095.77	3720936.20	71.05310	(19040418)	431860.12
3720941.68	167.61578	(20022307)		
431774.93	3721018.65	111.76352	(19021217)	431864.43
3720908.43	212.97231	(20022307)		
431846.93	3720964.64	144.12353	(20122620)	431144.82
3719945.78	18.30260	(19121223)		
431157.20	3719933.07	18.89209	(19121223)	431994.43
3719146.82	19.87006	(21011318)		
431999.70	3719120.50	19.52998	(21011318)	434516.47
3720617.48	4.58582	(19021719)		
434406.06	3720633.41	4.22202		
(19021719)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL30 ***
 INCLUDING SOURCE(S): VOL30 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	172.88344	(21090404)	431839.58	
3720538.42	143.47703	(19022804)			
431848.44	3720506.30	160.86582	(19022804)	431808.02	
3720544.24	117.02887	(19022804)			
432072.45	3720450.37	659.19633	(17022717)	432046.42	
3720409.11	257.34969	(19020216)			
432081.39	3720459.96	832.77065	(17022717)	432108.76	
3720473.97	1054.83937	(20090918)			
431818.11	3720498.90	196.72910	(21120204)	431824.87	
3720465.08	194.82737	(20040703)			
431746.87	3720630.10	81.94965	(18012803)	431718.91	
3720636.87	83.26115	(18011318)			
431769.86	3720571.04	103.97446	(20020723)	431828.48	
3720830.29	74.79914	(17091907)			
431795.56	3720851.94	64.10260	(19121220)	431709.90	
3720687.81	107.57947	(21090404)			
431720.72	3720650.84	81.61397	(18011318)	431690.06	
3720613.42	83.81185	(18012822)			
431685.55	3720648.14	84.25466	(18011318)	431653.09	
3720714.87	86.34753	(21090404)			
431660.75	3720740.12	107.58371	(21090404)	431667.06	
3720767.17	112.72344	(21021003)			
431672.47	3720800.08	101.85652	(20050502)	431676.08	
3720826.23	86.86198	(21101622)			
431680.14	3720851.94	50.07854	(19091602)	433382.64	
3721167.41	6.08782	(19040418)			
433341.15	3721247.68	4.87169	(19020503)	433323.12	

3721251.28	4.89985	(19020503)	
432993.01	3721124.56	9.39231	(17070719) 432819.84
3721275.64	11.16445	(17070719)	
432735.51	3721287.81	10.09850	(20051324) 432701.69
3721285.56	11.45935	(20051324)	
432888.84	3721184.54	13.27429	(17070719) 432798.65
3721183.19	14.60088	(17070719)	
432741.38	3721201.68	13.49025	(17070719) 432669.67
3721211.60	11.74910	(20051324)	
432802.71	3721413.18	9.35250	(20051324) 432674.64
3721290.52	13.10141	(18071405)	
432613.30	3721308.11	17.15428	(18071405) 432550.62
3721318.93	20.36126	(18052223)	
432615.11	3721232.79	15.69819	(18071405) 432534.84
3721218.82	21.21388	(21092124)	
432381.96	3721246.77	27.11786	(20022307) 432413.98
3721344.18	23.80812	(20022307)	
432490.19	3721330.65	22.48862	(21021920) 432375.65
3721348.24	24.51865	(20022307)	
432365.73	3721270.22	26.99186	(20022307) 432314.77
3721271.13	26.28076	(20022307)	
432246.67	3721271.13	26.23960	(17022801) 432302.59
3721208.44	29.55206	(20022307)	
432234.05	3721217.01	28.78349	(17022801) 432247.12
3721359.97	23.66084	(17022801)	
432356.71	3721352.75	24.19355	(20022307) 432289.06
3721101.11	36.53111	(20022307)	
432217.81	3721121.86	34.25700	(17022801) 432214.66
3721047.45	40.28724	(20101722)	
432280.04	3721039.78	42.17138	(20022307) 432195.26
3720984.32	48.15566	(20101722)	
432188.05	3720943.73	54.31619	(20101722) 432243.97
3720808.89	77.18256	(21021920)	
432150.62	3720733.13	143.76280	(20022307) 432249.83
3720693.00	154.06141	(17070719)	
432206.99	3720559.06	371.54483	(21101617) 432232.69
3720348.46	143.00529	(20041418)	
432180.38	3720350.72	193.76209	(20090918) 432183.09
3720281.27	110.31619	(20090918)	
432236.75	3720646.55	206.22486	(17070719) 432042.84
3720348.46	143.24264	(19020216)	
431941.37	3720348.46	175.96939	(19121223) 431888.61
3720357.48	150.93427	(21021004)	
431923.34	3720345.30	170.17036	(21122223) 431907.10
3720352.52	161.96604	(21122223)	
431851.18	3720360.64	155.67150	(21122423) 431852.21
3720441.91	142.88679	(18122305)	
431852.07	3720489.04	160.16412	(19011420) 431845.13
3720523.74	157.83555	(19022804)	
431823.30	3720473.86	196.30693	(20040703) 431823.88
3720457.81	192.17615	(19110604)	
431793.30	3720942.34	50.28196	(21121819) 431690.56
3720987.19	37.72138	(19121220)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL30 ***
INCLUDING SOURCE(S): VOL30 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	44.31692	(17090704)	432011.44	
3720873.33	81.27265	(19021217)			
432052.07	3720849.95	80.63010	(21090723)	432084.66	
3720824.64	95.29251	(19121219)			
432095.01	3720762.16	130.13022	(20122620)	432127.98	
3720889.43	76.99121	(20122620)			
432095.77	3720936.20	62.09781	(19121219)	431860.12	
3720941.68	46.51333	(21051023)			
431774.93	3721018.65	37.10426	(21121316)	431864.43	
3720908.43	54.98620	(21121316)			
431846.93	3720964.64	43.99069	(21051023)	431144.82	
3719945.78	34.24275	(21122423)			
431157.20	3719933.07	31.28817	(21122423)	431994.43	
3719146.82	24.83977	(17072906)			
431999.70	3719120.50	24.38070	(17072906)	434516.47	
3720617.48	9.40999	(18122507)			
434406.06	3720633.41	9.27662			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL31 ***
INCLUDING SOURCE(S): VOL31 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	136.78714	(17120821)	431839.58	
3720538.42	244.50311	(21120204)			
431848.44	3720506.30	233.02629	(19110604)	431808.02	
3720544.24	217.66235	(21120204)			
432072.45	3720450.37	397.22729	(17022717)	432046.42	
3720409.11	196.30720	(17022717)			
432081.39	3720459.96	426.82704	(17022717)	432108.76	
3720473.97	562.57766	(20090918)			
431818.11	3720498.90	212.60114	(20030806)	431824.87	
3720465.08	208.58805	(18112723)			
431746.87	3720630.10	99.77112	(17012920)	431718.91	
3720636.87	98.46679	(20120219)			
431769.86	3720571.04	187.80126	(20020723)	431828.48	
3720830.29	88.35951	(17091907)			
431795.56	3720851.94	72.68646	(19121220)	431709.90	
3720687.81	91.83748	(18011318)			
431720.72	3720650.84	98.39712	(18012822)	431690.06	
3720613.42	96.33612	(17121219)			
431685.55	3720648.14	93.51022	(21011903)	431653.09	

3720714.87	84.52703	(18011318)	
431660.75	3720740.12	86.88216	(21090404)
3720767.17	113.77373	(21090404)	
431672.47	3720800.08	119.62351	(21021003)
3720826.23	105.39723	(20050502)	
431680.14	3720851.94	91.46744	(21101622)
3721167.41	6.61779	(19040418)	
433341.15	3721247.68	5.34909	(19040418)
3721251.28	5.23351	(19040418)	
432993.01	3721124.56	7.76163	(17070719)
3721275.64	12.80274	(17070719)	
432735.51	3721287.81	11.35447	(17070719)
3721285.56	10.63878	(17070719)	
432888.84	3721184.54	12.89527	(17070719)
3721183.19	15.50670	(17070719)	
432741.38	3721201.68	15.62649	(17070719)
3721211.60	14.23326	(17070719)	
432802.71	3721413.18	8.42853	(20051324)
3721290.52	11.65740	(20051324)	
432613.30	3721308.11	15.84435	(18071405)
3721318.93	20.19063	(21092124)	
432615.11	3721232.79	13.74656	(20051324)
3721218.82	19.95314	(18071405)	
432381.96	3721246.77	29.07168	(21021920)
3721344.18	25.07360	(19122918)	
432490.19	3721330.65	22.82617	(21021920)
3721348.24	26.30431	(20022307)	
432365.73	3721270.22	28.32759	(19122918)
3721271.13	29.61759	(20022307)	
432246.67	3721271.13	28.85615	(20101722)
3721208.44	33.05870	(20022307)	
432234.05	3721217.01	31.82527	(20101722)
3721359.97	25.38344	(17022801)	
432356.71	3721352.75	26.60003	(20022307)
3721101.11	39.36134	(20022307)	
432217.81	3721121.86	38.52686	(20101722)
3721047.45	45.40002	(20022307)	
432280.04	3721039.78	45.44315	(21021920)
3720984.32	55.39644	(20022307)	
432188.05	3720943.73	63.70792	(20022307)
3720808.89	74.26502	(18071405)	
432150.62	3720733.13	174.76878	(21021920)
3720693.00	164.62515	(17070719)	
432206.99	3720559.06	332.63223	(21101617)
3720348.46	105.59409	(19101917)	
432180.38	3720350.72	143.75444	(20090918)
3720281.27	83.74055	(20090918)	
432236.75	3720646.55	242.86704	(19040418)
3720348.46	112.65908	(17022717)	
431941.37	3720348.46	157.49154	(21121703)
3720357.48	145.94662	(19121223)	
431923.34	3720345.30	159.92086	(21121703)
3720352.52	151.90616	(21121703)	
431851.18	3720360.64	140.79595	(21122223)
3720441.91	207.23974	(21122423)	
431852.07	3720489.04	155.64970	(18122305)
3720523.74	238.96179	(20040703)	
431823.30	3720473.86	211.48063	(18112723)
3720457.81	213.63229	(21122423)	
431793.30	3720942.34	56.74808	(21121819)
3720987.19	42.09672	(19121220)	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL31 ***
INCLUDING SOURCE(S): VOL31 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	49.39014	(17090704)	432011.44	
3720873.33	100.68155	(19021217)			
432052.07	3720849.95	101.87230	(19121219)	432084.66	
3720824.64	120.74714	(20122620)			
432095.01	3720762.16	166.50374	(20122620)	432127.98	
3720889.43	86.37392	(20122620)			
432095.77	3720936.20	74.64724	(20122620)	431860.12	
3720941.68	55.78122	(21121316)			
431774.93	3721018.65	43.18490	(21121316)	431864.43	
3720908.43	68.60825	(21121316)			
431846.93	3720964.64	51.10982	(21051023)	431144.82	
3719945.78	28.82232	(17011607)			
431157.20	3719933.07	29.40906	(17011607)	431994.43	
3719146.82	23.95680	(17072906)			
431999.70	3719120.50	23.38688	(17072906)	434516.47	
3720617.48	10.07328	(18122507)			
434406.06	3720633.41	10.17019			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL32 ***
INCLUDING SOURCE(S): VOL32 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431824.47	3720637.57	331.84327	(20020723)	431839.58	
3720538.42	285.87781	(21122423)			
431848.44	3720506.30	172.72489	(21021004)	431808.02	
3720544.24	260.34934	(21122423)			
432072.45	3720450.37	145.18864	(18120916)	432046.42	
3720409.11	118.92574	(17022717)			
432081.39	3720459.96	167.32909	(20090918)	432108.76	
3720473.97	217.25313	(20090918)			
431818.11	3720498.90	181.64916	(21122423)	431824.87	
3720465.08	153.22026	(21122223)			
431746.87	3720630.10	230.51201	(20020723)	431718.91	

3720636.87	210.11959	(20020723)	
431769.86	3720571.04	235.15849	(20102504) 431828.48
3720830.29	136.44341	(17091907)	
431795.56	3720851.94	104.47344	(17090704) 431709.90
3720687.81	121.44089	(17121219)	
431720.72	3720650.84	200.92921	(20020723) 431690.06
3720613.42	172.27867	(20020723)	
431685.55	3720648.14	177.52732	(20020723) 431653.09
3720714.87	103.01296	(18011820)	
431660.75	3720740.12	103.78786	(21012201) 431667.06
3720767.17	100.14138	(18011318)	
431672.47	3720800.08	119.90146	(21090404) 431676.08
3720826.23	137.70809	(21090404)	
431680.14	3720851.94	133.11380	(21021003) 433382.64
3721167.41	6.62237	(19040418)	
433341.15	3721247.68	6.56912	(19040418) 433323.12
3721251.28	6.60152	(19040418)	
432993.01	3721124.56	10.86067	(19040418) 432819.84
3721275.64	13.64143	(17070719)	
432735.51	3721287.81	15.13796	(17070719) 432701.69
3721285.56	15.39662	(17070719)	
432888.84	3721184.54	9.43899	(17070719) 432798.65
3721183.19	13.52305	(17070719)	
432741.38	3721201.68	16.40669	(17070719) 432669.67
3721211.60	18.58822	(17070719)	
432802.71	3721413.18	10.92105	(17070719) 432674.64
3721290.52	15.06450	(17070719)	
432613.30	3721308.11	12.77146	(17070719) 432550.62
3721318.93	15.73643	(18071405)	
432615.11	3721232.79	17.86931	(17070719) 432534.84
3721218.82	17.04193	(17070719)	
432381.96	3721246.77	29.51763	(18052223) 432413.98
3721344.18	26.09987	(18052223)	
432490.19	3721330.65	20.95415	(18071405) 432375.65
3721348.24	28.60604	(21021920)	
432365.73	3721270.22	30.36264	(21021920) 432314.77
3721271.13	32.96913	(21021920)	
432246.67	3721271.13	34.84509	(20022307) 432302.59
3721208.44	36.68740	(21021920)	
432234.05	3721217.01	38.75308	(20022307) 432247.12
3721359.97	29.96399	(20022307)	
432356.71	3721352.75	29.09891	(21021920) 432289.06
3721101.11	41.67914	(18052223)	
432217.81	3721121.86	46.69426	(20022307) 432214.66
3721047.45	54.58507	(21021920)	
432280.04	3721039.78	45.34400	(21092124) 432195.26
3720984.32	66.95973	(21021920)	
432188.05	3720943.73	74.07390	(21021920) 432243.97
3720808.89	119.47829	(17070719)	
432150.62	3720733.13	289.79282	(17070719) 432249.83
3720693.00	169.80162	(21101617)	
432206.99	3720559.06	135.30434	(21021017) 432232.69
3720348.46	69.61010	(20090918)	
432180.38	3720350.72	86.98059	(20090918) 432183.09
3720281.27	57.70417	(20090918)	
432236.75	3720646.55	191.71204	(21101617) 432042.84
3720348.46	85.35955	(17022717)	
431941.37	3720348.46	123.93011	(21013120) 431888.61
3720357.48	117.72914	(18121519)	
431923.34	3720345.30	123.08302	(18121620) 431907.10
3720352.52	120.24585	(18011621)	
431851.18	3720360.64	124.87848	(20012122) 431852.21
3720441.91	137.33308	(19121223)	
431852.07	3720489.04	155.59795	(21021004) 431845.13
3720523.74	238.14525	(21122423)	
431823.30	3720473.86	156.69720	(21021004) 431823.88

3720457.81 151.30051 (21122223)
431793.30 3720942.34 80.71982 (17091907) 431690.56
3720987.19 53.23783 (21051104)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL32 ***
INCLUDING SOURCE(S): VOL32 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	63.32779	(19091602)	432011.44	
3720873.33	139.54265	(19121219)			
432052.07	3720849.95	161.52416	(20122620)	432084.66	
3720824.64	180.38779	(20022307)			
432095.01	3720762.16	267.63327	(17070719)	432127.98	
3720889.43	120.11635	(21021920)			
432095.77	3720936.20	95.64895	(20101722)	431860.12	
3720941.68	82.32858	(21121316)			
431774.93	3721018.65	59.40254	(21121316)	431864.43	
3720908.43	106.36180	(21121316)			
431846.93	3720964.64	73.49111	(21121316)	431144.82	
3719945.78	28.81569	(21021004)			
431157.20	3719933.07	29.92043	(21021004)	431994.43	
3719146.82	21.93118	(21020221)			
431999.70	3719120.50	21.56995	(21020221)	434516.47	
3720617.48	9.81647	(18122507)			
434406.06	3720633.41	10.23842			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL33 ***
INCLUDING SOURCE(S): VOL33 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	389.72161	(21090405)	431839.58	
3720538.42	199.04046	(21121703)			
431848.44	3720506.30	170.52031	(21121703)	431808.02	

3720544.24	192.53878	(21122223)	
432072.45	3720450.37	110.93729	(20090918) 432046.42
3720409.11	67.78288	(18120916)	
432081.39	3720459.96	127.32634	(20090918) 432108.76
3720473.97	127.70016	(20090918)	
431818.11	3720498.90	164.29846	(21121703) 431824.87
3720465.08	143.86603	(21121703)	
431746.87	3720630.10	259.26243	(20101104) 431718.91
3720636.87	239.66866	(19121506)	
431769.86	3720571.04	206.82910	(21090405) 431828.48
3720830.29	253.97810	(17091907)	
431795.56	3720851.94	238.63800	(21021007) 431709.90
3720687.81	235.68454	(20020723)	
431720.72	3720650.84	241.26335	(19121506) 431690.06
3720613.42	193.34386	(20112424)	
431685.55	3720648.14	197.81675	(19121506) 431653.09
3720714.87	167.51884	(20020723)	
431660.75	3720740.12	126.98965	(17121219) 431667.06
3720767.17	126.60054	(18011820)	
431672.47	3720800.08	125.36131	(18011318) 431676.08
3720826.23	138.69009	(21090404)	
431680.14	3720851.94	170.32346	(21090404) 433382.64
3721167.41	5.57575	(19040418)	
433341.15	3721247.68	6.52508	(19040418) 433323.12
3721251.28	6.68791	(19040418)	
432993.01	3721124.56	11.42310	(19040418) 432819.84
3721275.64	10.94330	(17070719)	
432735.51	3721287.81	14.60775	(17070719) 432701.69
3721285.56	15.85764	(17070719)	
432888.84	3721184.54	11.05710	(19040418) 432798.65
3721183.19	10.84311	(19040418)	
432741.38	3721201.68	12.43703	(17070719) 432669.67
3721211.60	16.81265	(17070719)	
432802.71	3721413.18	12.21522	(17070719) 432674.64
3721290.52	16.68856	(17070719)	
432613.30	3721308.11	17.20739	(17070719) 432550.62
3721318.93	16.00792	(17070719)	
432615.11	3721232.79	19.61710	(17070719) 432534.84
3721218.82	22.62270	(17070719)	
432381.96	3721246.77	23.45443	(18071405) 432413.98
3721344.18	22.86914	(18071405)	
432490.19	3721330.65	15.09653	(20051324) 432375.65
3721348.24	26.64065	(21092124)	
432365.73	3721270.22	26.35820	(18071405) 432314.77
3721271.13	31.80562	(21092124)	
432246.67	3721271.13	37.38680	(21021920) 432302.59
3721208.44	33.36871	(21092124)	
432234.05	3721217.01	41.08499	(21021920) 432247.12
3721359.97	33.19363	(19122918)	
432356.71	3721352.75	28.06316	(21092124) 432289.06
3721101.11	31.46970	(17070719)	
432217.81	3721121.86	47.00153	(18052223) 432214.66
3721047.45	47.17300	(18071405)	
432280.04	3721039.78	48.35411	(17070719) 432195.26
3720984.32	61.82172	(17070719)	
432188.05	3720943.73	86.76688	(17070719) 432243.97
3720808.89	118.57303	(19040418)	
432150.62	3720733.13	268.23687	(21101617) 432249.83
3720693.00	110.82778	(21101617)	
432206.99	3720559.06	70.08314	(19012817) 432232.69
3720348.46	47.47183	(20090918)	
432180.38	3720350.72	61.65836	(20090918) 432183.09
3720281.27	47.26799	(20090918)	
432236.75	3720646.55	89.68927	(18121016) 432042.84
3720348.46	64.08760	(18010419)	
431941.37	3720348.46	106.82332	(19012818) 431888.61

3720357.48	106.63974	(17021222)		
431923.34	3720345.30	107.21031	(20121619)	431907.10
3720352.52	107.23101	(20120618)		
431851.18	3720360.64	106.40090	(18011620)	431852.21
3720441.91	118.87315	(20013119)		
431852.07	3720489.04	145.98879	(21121703)	431845.13
3720523.74	190.82521	(21121703)		
431823.30	3720473.86	151.23176	(21121703)	431823.88
3720457.81	139.06177	(20050705)		
431793.30	3720942.34	125.73600	(21121316)	431690.56
3720987.19	70.67665	(17090704)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL33 ***
INCLUDING SOURCE(S): VOL33 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	129.59150	(21101622)	432011.44	
3720873.33	203.31054	(20022307)			
432052.07	3720849.95	201.20359	(18052223)	432084.66	
3720824.64	283.70366	(17070719)			
432095.01	3720762.16	414.95822	(19040418)	432127.98	
3720889.43	140.72570	(17070719)			
432095.77	3720936.20	113.84539	(21021920)	431860.12	
3720941.68	138.78590	(19021217)			
431774.93	3721018.65	80.76655	(21121316)	431864.43	
3720908.43	166.89420	(19021217)			
431846.93	3720964.64	115.25484	(19021217)	431144.82	
3719945.78	29.86505	(21021004)			
431157.20	3719933.07	30.87784	(21122223)	431994.43	
3719146.82	20.04386	(21020221)			
431999.70	3719120.50	19.68319	(19011101)	434516.47	
3720617.48	9.18398	(18122503)			
434406.06	3720633.41	9.51095			
(18122503)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL34 ***
INCLUDING SOURCE(S): VOL34 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431824.47	3720637.57	367.66911	(21120204)	431839.58	
3720538.42	176.41150	(19033001)			
431848.44	3720506.30	117.46612	(18082607)	431808.02	
3720544.24	178.08638	(19022605)			
432072.45	3720450.37	165.77656	(20090918)	432046.42	
3720409.11	97.64957	(18120916)			
432081.39	3720459.96	183.63855	(20090918)	432108.76	
3720473.97	166.85900	(20090918)			
431818.11	3720498.90	105.19252	(19033001)	431824.87	
3720465.08	77.88690	(18082607)			
431746.87	3720630.10	233.20490	(21120204)	431718.91	
3720636.87	211.42421	(21120204)			
431769.86	3720571.04	157.24073	(18122305)	431828.48	
3720830.29	166.78695	(17091907)			
431795.56	3720851.94	128.76890	(17091907)	431709.90	
3720687.81	124.90508	(20020723)			
431720.72	3720650.84	202.13546	(20020723)	431690.06	
3720613.42	194.70063	(21120204)			
431685.55	3720648.14	195.76486	(20020723)	431653.09	
3720714.87	105.01301	(20120219)			
431660.75	3720740.12	100.37260	(18011318)	431667.06	
3720767.17	111.25574	(21090404)			
431672.47	3720800.08	134.25681	(21090404)	431676.08	
3720826.23	82.96741	(21090624)			
431680.14	3720851.94	80.91949	(21090624)	433382.64	
3721167.41	6.29345	(19040418)			
433341.15	3721247.68	6.42137	(19040418)	433323.12	
3721251.28	6.47614	(19040418)			
432993.01	3721124.56	10.64204	(19040418)	432819.84	
3721275.64	12.56284	(17070719)			
432735.51	3721287.81	14.60015	(17070719)	432701.69	
3721285.56	15.09873	(17070719)			
432888.84	3721184.54	8.05973	(17070719)	432798.65	
3721183.19	11.82288	(17070719)			
432741.38	3721201.68	14.84115	(17070719)	432669.67	
3721211.60	17.55012	(17070719)			
432802.71	3721413.18	11.02106	(17070719)	432674.64	
3721290.52	15.07691	(17070719)			
432613.30	3721308.11	13.54170	(17070719)	432550.62	
3721318.93	12.47009	(20051324)			
432615.11	3721232.79	17.77893	(17070719)	432534.84	
3721218.82	17.89617	(17070719)			
432381.96	3721246.77	24.59036	(18071405)	432413.98	
3721344.18	22.52807	(21092124)			
432490.19	3721330.65	16.98425	(18071405)	432375.65	
3721348.24	24.72219	(21021920)			
432365.73	3721270.22	25.83559	(18052223)	432314.77	
3721271.13	29.07599	(21021920)			
432246.67	3721271.13	31.00929	(20022307)	432302.59	
3721208.44	31.11719	(21021920)			
432234.05	3721217.01	34.05370	(19122918)	432247.12	
3721359.97	28.23070	(20022307)			
432356.71	3721352.75	25.85219	(21021920)	432289.06	
3721101.11	33.97615	(21092124)			
432217.81	3721121.86	41.71861	(21021920)	432214.66	
3721047.45	46.47914	(21021920)			
432280.04	3721039.78	34.70416	(18071405)	432195.26	
3720984.32	54.44454	(18052223)			
432188.05	3720943.73	58.33162	(21092124)	432243.97	
3720808.89	85.58382	(17070719)			
432150.62	3720733.13	218.22537	(19040418)	432249.83	

3720693.00	129.06165	(21101617)	
432206.99	3720559.06	100.42282	(21021017)
3720348.46	60.57407	(20041418)	
432180.38	3720350.72	75.88410	(20090918)
3720281.27	59.96584	(20090918)	
432236.75	3720646.55	137.04253	(21101617)
3720348.46	69.03386	(17022717)	
431941.37	3720348.46	93.18772	(18010318)
3720357.48	88.21631	(20122418)	
431923.34	3720345.30	97.89233	(18011523)
3720352.52	90.90942	(20122418)	
431851.18	3720360.64	91.90984	(20120723)
3720441.91	68.02748	(19123104)	
431852.07	3720489.04	96.04085	(18082607)
3720523.74	142.06268	(19033001)	
431823.30	3720473.86	85.82454	(18082607)
3720457.81	71.53713	(18082607)	
431793.30	3720942.34	88.90306	(21121316)
3720987.19	57.47057	(17091907)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL34 ***
INCLUDING SOURCE(S): VOL34 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	66.32740	(17090704)	432011.44	
3720873.33	130.48373	(20122620)			
432052.07	3720849.95	139.55885	(20022307)	432084.66	
3720824.64	141.47027	(21021920)			
432095.01	3720762.16	259.47156	(17070719)	432127.98	
3720889.43	92.47479	(21021920)			
432095.77	3720936.20	86.78051	(20022307)	431860.12	
3720941.68	88.85399	(19021217)			
431774.93	3721018.65	54.93600	(21121316)	431864.43	
3720908.43	102.72341	(19021217)			
431846.93	3720964.64	77.08490	(19021217)	431144.82	
3719945.78	24.38794	(21021004)			
431157.20	3719933.07	25.11507	(21021004)	431994.43	
3719146.82	22.25032	(21020221)			
431999.70	3719120.50	21.70381	(21020221)	434516.47	
3720617.48	7.61082	(18122507)			
434406.06	3720633.41	7.54451			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL4 ***
INCLUDING SOURCE(S): VOL4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN		**	
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	813.92674	(20090918)	431839.58	
3720538.42	190.59959	(20090918)			
431848.44	3720506.30	134.91481	(20090918)	431808.02	
3720544.24	206.70352	(17022717)			
432072.45	3720450.37	58.24695	(20041418)	432046.42	
3720409.11	58.50095	(20041418)			
432081.39	3720459.96	54.18372	(20041418)	432108.76	
3720473.97	40.10093	(20041418)			
431818.11	3720498.90	135.23246	(17022717)	431824.87	
3720465.08	103.75639	(17022717)			
431746.87	3720630.10	453.95742	(18012717)	431718.91	
3720636.87	396.12550	(18082607)			
431769.86	3720571.04	276.92322	(17022717)	431828.48	
3720830.29	254.99769	(20022307)			
431795.56	3720851.94	231.27913	(20122620)	431709.90	
3720687.81	678.47565	(17011216)			
431720.72	3720650.84	550.15806	(17011216)	431690.06	
3720613.42	253.23466	(18082607)			
431685.55	3720648.14	424.55384	(17011216)	431653.09	
3720714.87	419.89518	(20020723)			
431660.75	3720740.12	371.17168	(19013117)	431667.06	
3720767.17	394.06667	(19020217)			
431672.47	3720800.08	341.74936	(17091907)	431676.08	
3720826.23	329.12610	(17091907)			
431680.14	3720851.94	275.81051	(21121316)	433382.64	
3721167.41	3.73267	(19040418)			
433341.15	3721247.68	4.87070	(19040418)	433323.12	
3721251.28	5.04959	(19040418)			
432993.01	3721124.56	7.99266	(19040418)	432819.84	
3721275.64	7.62112	(19040418)			
432735.51	3721287.81	7.46437	(17070719)	432701.69	
3721285.56	8.53119	(17070719)			
432888.84	3721184.54	9.64509	(19040418)	432798.65	
3721183.19	10.53352	(19040418)			
432741.38	3721201.68	10.17844	(19040418)	432669.67	
3721211.60	9.47525	(19040418)			
432802.71	3721413.18	8.06525	(17070719)	432674.64	
3721290.52	9.63106	(17070719)			
432613.30	3721308.11	12.22456	(17070719)	432550.62	
3721318.93	14.34200	(17070719)			
432615.11	3721232.79	10.39851	(17070719)	432534.84	
3721218.82	13.85541	(17070719)			
432381.96	3721246.77	19.90016	(17070719)	432413.98	
3721344.18	14.83414	(17070719)			
432490.19	3721330.65	15.39900	(17070719)	432375.65	
3721348.24	13.82461	(17070719)			
432365.73	3721270.22	18.69474	(17070719)	432314.77	
3721271.13	17.73547	(17070719)			
432246.67	3721271.13	15.59805	(21081203)	432302.59	
3721208.44	22.73670	(17070719)			
432234.05	3721217.01	19.84173	(17070719)	432247.12	
3721359.97	18.49608	(18071405)			
432356.71	3721352.75	12.95881	(17070719)	432289.06	

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	154.05325	(19021217)	432011.44	
3720873.33	101.80566	(17070719)			
432052.07	3720849.95	90.44319	(19040418)	432084.66	
3720824.64	89.70921	(19040418)			
432095.01	3720762.16	90.14286	(21101617)	432127.98	
3720889.43	61.82566	(19040418)			
432095.77	3720936.20	62.74803	(17070719)	431860.12	
3720941.68	113.54079	(20022307)			
431774.93	3721018.65	81.22372	(19121219)	431864.43	
3720908.43	133.61861	(20022307)			
431846.93	3720964.64	98.93566	(20101722)	431144.82	
3719945.78	7.38144	(21011421)			
431157.20	3719933.07	7.36657	(21011421)	431994.43	
3719146.82	20.72993	(17120218)			
431999.70	3719120.50	20.34666	(18010608)	434516.47	
3720617.48	3.54738	(19021719)			
434406.06	3720633.41	1.34991			
(19123016)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL5 ***
 INCLUDING SOURCE(S): VOL5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	716.55163	(19020216)	431839.58	
3720538.42	212.53645	(17022717)			
431848.44	3720506.30	162.16200	(17022717)	431808.02	
3720544.24	170.21554	(19020216)			
432072.45	3720450.37	77.40813	(20041418)	432046.42	
3720409.11	72.41620	(20090918)			
432081.39	3720459.96	78.63495	(20041418)	432108.76	
3720473.97	68.62683	(20041418)			
431818.11	3720498.90	117.12937	(17022717)	431824.87	
3720465.08	98.76311	(17022717)			
431746.87	3720630.10	321.40765	(17011216)	431718.91	
3720636.87	429.38483	(21122423)			
431769.86	3720571.04	154.46014	(18012717)	431828.48	
3720830.29	425.70374	(19021217)			
431795.56	3720851.94	369.82176	(19021217)	431709.90	
3720687.81	450.35218	(21120204)			
431720.72	3720650.84	452.25938	(21122423)	431690.06	
3720613.42	337.13810	(21122423)			
431685.55	3720648.14	362.14134	(20101104)	431653.09	
3720714.87	312.21103	(20020723)			
431660.75	3720740.12	206.50781	(19013117)	431667.06	
3720767.17	235.54674	(21090404)			
431672.47	3720800.08	199.88570	(17052606)	431676.08	
3720826.23	180.07396	(19091602)			
431680.14	3720851.94	167.76758	(17091907)	433382.64	
3721167.41	4.29313	(19040418)			
433341.15	3721247.68	5.41752	(19040418)	433323.12	
3721251.28	5.59734	(19040418)			
432993.01	3721124.56	9.10805	(19040418)	432819.84	
3721275.64	7.27605	(19040418)			
432735.51	3721287.81	9.67930	(17070719)	432701.69	
3721285.56	10.90921	(17070719)			
432888.84	3721184.54	10.30730	(19040418)	432798.65	
3721183.19	10.93421	(19040418)			
432741.38	3721201.68	10.09067	(19040418)	432669.67	
3721211.60	10.10811	(17070719)			
432802.71	3721413.18	9.61898	(17070719)	432674.64	
3721290.52	12.07383	(17070719)			
432613.30	3721308.11	14.44421	(17070719)	432550.62	
3721318.93	15.88369	(17070719)			
432615.11	3721232.79	13.44314	(17070719)	432534.84	
3721218.82	17.27759	(17070719)			
432381.96	3721246.77	20.13409	(17070719)	432413.98	
3721344.18	13.47602	(17070719)			
432490.19	3721330.65	15.78232	(17070719)	432375.65	

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
431680.98	3720921.25	136.99476	(21121316)	432011.44	
3720873.33	140.45568	(17070719)			
432052.07	3720849.95	123.50808	(17070719)	432084.66	
3720824.64	122.31628	(19040418)			
432095.01	3720762.16	125.60402	(21101617)	432127.98	
3720889.43	74.72022	(17070719)			
432095.77	3720936.20	82.58429	(17070719)	431860.12	
3720941.68	122.37140	(20122620)			
431774.93	3721018.65	89.03683	(19021217)	431864.43	
3720908.43	149.87568	(20122620)			

431846.93	3720964.64	106.40565	(19121219)	431144.82
3719945.78	21.65259	(21122223)		
431157.20	3719933.07	22.20948	(19121223)	431994.43
3719146.82	20.72263	(20012318)		
431999.70	3719120.50	20.33671	(20012318)	434516.47
3720617.48	5.61567	(18122507)		
434406.06	3720633.41	5.38211		
(18122507)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL6 ***
 INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	226.98258	(18010424)	431839.58	
3720538.42	78.96307	(19020216)			
431848.44	3720506.30	65.41124	(17022717)	431808.02	
3720544.24	104.77580	(20122418)			
432072.45	3720450.37	66.03603	(20090918)	432046.42	
3720409.11	50.63168	(20090918)			
432081.39	3720459.96	67.08685	(20090918)	432108.76	
3720473.97	59.85619	(20090918)			
431818.11	3720498.90	88.32087	(18010318)	431824.87	
3720465.08	81.23757	(18010318)			
431746.87	3720630.10	193.49077	(19121223)	431718.91	
3720636.87	197.47910	(21122223)			
431769.86	3720571.04	134.95229	(20120723)	431828.48	
3720830.29	1292.22962	(17091907)			
431795.56	3720851.94	604.28598	(19020217)	431709.90	
3720687.81	274.83377	(21122423)			
431720.72	3720650.84	206.98726	(21122223)	431690.06	
3720613.42	169.05576	(21122223)			
431685.55	3720648.14	174.79822	(21021004)	431653.09	
3720714.87	249.77761	(18121805)			
431660.75	3720740.12	282.32808	(19121506)	431667.06	
3720767.17	291.78499	(21110503)			
431672.47	3720800.08	297.68498	(20020723)	431676.08	
3720826.23	196.77957	(20020723)			
431680.14	3720851.94	163.33075	(19013117)	433382.64	
3721167.41	4.44415	(19050518)			
433341.15	3721247.68	4.91691	(19040418)	433323.12	
3721251.28	5.16322	(19040418)			
432993.01	3721124.56	8.17017	(19040418)	432819.84	
3721275.64	10.96378	(19040418)			
432735.51	3721287.81	10.16574	(19040418)	432701.69	
3721285.56	9.96958	(19040418)			
432888.84	3721184.54	11.76832	(19040418)	432798.65	
3721183.19	13.85465	(19040418)			
432741.38	3721201.68	14.45909	(19040418)	432669.67	
3721211.60	14.55978	(19040418)			
432802.71	3721413.18	9.30800	(17070719)	432674.64	

3721290.52	11.11686	(17070719)	
432613.30	3721308.11	14.99142	(17070719) 432550.62
3721318.93	18.41799	(17070719)	
432615.11	3721232.79	12.67703	(19040418) 432534.84
3721218.82	16.95962	(17070719)	
432381.96	3721246.77	27.82281	(17070719) 432413.98
3721344.18	19.93847	(17070719)	
432490.19	3721330.65	20.43030	(17070719) 432375.65
3721348.24	18.44970	(17070719)	
432365.73	3721270.22	26.11591	(17070719) 432314.77
3721271.13	24.80814	(17070719)	
432246.67	3721271.13	25.14626	(18071405) 432302.59
3721208.44	33.16893	(17070719)	
432234.05	3721217.01	28.53386	(17070719) 432247.12
3721359.97	28.35085	(21092124)	
432356.71	3721352.75	17.12484	(17070719) 432289.06
3721101.11	42.04633	(17070719)	
432217.81	3721121.86	48.90109	(17070719) 432214.66
3721047.45	57.65424	(17070719)	
432280.04	3721039.78	39.24073	(19040418) 432195.26
3720984.32	62.14743	(19040418)	
432188.05	3720943.73	84.13211	(19040418) 432243.97
3720808.89	76.07803	(21101617)	
432150.62	3720733.13	83.44250	(18121016) 432249.83
3720693.00	42.19811	(21021017)	
432206.99	3720559.06	40.90320	(20041418) 432232.69
3720348.46	31.39061	(19101917)	
432180.38	3720350.72	37.20658	(20090918) 432183.09
3720281.27	33.08675	(20090918)	
432236.75	3720646.55	43.40102	(21021017) 432042.84
3720348.46	32.73620	(20090918)	
431941.37	3720348.46	58.25423	(18121918) 431888.61
3720357.48	64.52589	(17011719)	
431923.34	3720345.30	61.97883	(21020222) 431907.10
3720352.52	60.38528	(17011719)	
431851.18	3720360.64	72.34549	(19012818) 431852.21
3720441.91	47.85388	(17022717)	
431852.07	3720489.04	61.73518	(17022717) 431845.13
3720523.74	71.44664	(19020216)	
431823.30	3720473.86	83.60606	(18010318) 431823.88
3720457.81	79.46623	(18010318)	
431793.30	3720942.34	282.43963	(21121316) 431690.56
3720987.19	131.52511	(17091907)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL6 ***
INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	153.09495	(21090624)	432011.44	
3720873.33	280.81827	(19040418)			

432052.07	3720849.95	225.82949	(19040418)	432084.66
3720824.64	201.81712	(21101617)		
432095.01	3720762.16	135.62201	(18121016)	432127.98
3720889.43	136.42819	(19040418)		
432095.77	3720936.20	115.90492	(17070719)	431860.12
3720941.68	287.26374	(19021217)		
431774.93	3721018.65	138.64160	(19021217)	431864.43
3720908.43	437.23406	(19021217)		
431846.93	3720964.64	250.28033	(19021217)	431144.82
3719945.78	26.08516	(19121223)		
431157.20	3719933.07	26.95697	(20121403)	431994.43
3719146.82	19.30489	(18120819)		
431999.70	3719120.50	18.93751	(18120819)	434516.47
3720617.48	7.50493	(19022103)		
434406.06	3720633.41	7.31725		
(19022103)				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL7 ***
INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	242.81796	(18012717)	431839.58	
3720538.42	101.70913	(17022717)			
431848.44	3720506.30	89.23365	(17022717)	431808.02	
3720544.24	91.21670	(18012717)			
432072.45	3720450.37	68.09796	(20090918)	432046.42	
3720409.11	61.22347	(20090918)			
432081.39	3720459.96	65.50293	(20090918)	432108.76	
3720473.97	62.12505	(20041418)			
431818.11	3720498.90	70.87237	(19020216)	431824.87	
3720465.08	58.01813	(19020216)			
431746.87	3720630.10	130.99887	(18082607)	431718.91	
3720636.87	134.73073	(18082607)			
431769.86	3720571.04	89.14353	(18012717)	431828.48	
3720830.29	967.98461	(19021217)			
431795.56	3720851.94	523.99690	(21121316)	431709.90	
3720687.81	226.60177	(19022605)			
431720.72	3720650.84	156.66204	(19033001)	431690.06	
3720613.42	152.47302	(21021004)			
431685.55	3720648.14	253.46024	(21122423)	431653.09	
3720714.87	281.11351	(20030806)			
431660.75	3720740.12	293.54926	(21110503)	431667.06	
3720767.17	266.97980	(21120204)			
431672.47	3720800.08	182.74364	(19013117)	431676.08	
3720826.23	147.74292	(19013117)			
431680.14	3720851.94	166.56173	(19020217)	433382.64	
3721167.41	4.27885	(19050518)			
433341.15	3721247.68	5.15196	(19040418)	433323.12	
3721251.28	5.38035	(19040418)			
432993.01	3721124.56	8.62408	(19040418)	432819.84	

3721275.64	9.64292	(19040418)	
432735.51	3721287.81	8.70308	(17070719) 432701.69
3721285.56	10.05972	(17070719)	
432888.84	3721184.54	11.42001	(19040418) 432798.65
3721183.19	12.95630	(19040418)	
432741.38	3721201.68	12.94369	(19040418) 432669.67
3721211.60	12.41841	(19040418)	
432802.71	3721413.18	9.44548	(17070719) 432674.64
3721290.52	11.47179	(17070719)	
432613.30	3721308.11	14.81606	(17070719) 432550.62
3721318.93	17.49778	(17070719)	
432615.11	3721232.79	12.47515	(17070719) 432534.84
3721218.82	17.08340	(17070719)	
432381.96	3721246.77	24.74119	(17070719) 432413.98
3721344.18	17.35771	(17070719)	
432490.19	3721330.65	18.64774	(17070719) 432375.65
3721348.24	15.71966	(17070719)	
432365.73	3721270.22	22.69582	(17070719) 432314.77
3721271.13	20.80481	(17070719)	
432246.67	3721271.13	23.12836	(18071405) 432302.59
3721208.44	28.30109	(17070719)	
432234.05	3721217.01	22.91678	(17070719) 432247.12
3721359.97	25.20975	(21092124)	
432356.71	3721352.75	14.88894	(20051324) 432289.06
3721101.11	38.49309	(17070719)	
432217.81	3721121.86	40.42500	(17070719) 432214.66
3721047.45	51.22555	(17070719)	
432280.04	3721039.78	38.19969	(17070719) 432195.26
3720984.32	54.98609	(17070719)	
432188.05	3720943.73	62.84997	(19040418) 432243.97
3720808.89	69.77440	(21101617)	
432150.62	3720733.13	83.48769	(18121016) 432249.83
3720693.00	47.59167	(18121016)	
432206.99	3720559.06	35.03991	(19012817) 432232.69
3720348.46	33.79073	(20041418)	
432180.38	3720350.72	35.15785	(19101917) 432183.09
3720281.27	33.35814	(20090918)	
432236.75	3720646.55	41.49367	(21021017) 432042.84
3720348.46	43.18549	(20090918)	
431941.37	3720348.46	37.74366	(17022717) 431888.61
3720357.48	46.34010	(17022717)	
431923.34	3720345.30	41.77354	(17022717) 431907.10
3720352.52	44.93391	(17022717)	
431851.18	3720360.64	41.01004	(17022717) 431852.21
3720441.91	61.64322	(17022717)	
431852.07	3720489.04	81.92742	(17022717) 431845.13
3720523.74	97.61753	(17022717)	
431823.30	3720473.86	61.15455	(19020216) 431823.88
3720457.81	55.45502	(19020216)	
431793.30	3720942.34	231.66849	(19021217) 431690.56
3720987.19	117.92920	(17091907)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL7 ***
 INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	126.45648	(17091907)	432011.44	
3720873.33	200.28512	(17070719)			
432052.07	3720849.95	183.29932	(19040418)	432084.66	
3720824.64	137.59633	(21101617)			
432095.01	3720762.16	144.16512	(21101617)	432127.98	
3720889.43	109.32330	(19040418)			
432095.77	3720936.20	102.14078	(17070719)	431860.12	
3720941.68	176.25855	(19121219)			
431774.93	3721018.65	119.14763	(19021217)	431864.43	
3720908.43	230.99668	(19121219)			
431846.93	3720964.64	154.60209	(19021217)	431144.82	
3719945.78	18.59808	(19121223)			
431157.20	3719933.07	19.54830	(19121223)	431994.43	
3719146.82	19.86829	(18120819)			
431999.70	3719120.50	19.45147	(18120819)	434516.47	
3720617.48	5.03086	(21121417)			
434406.06	3720633.41	4.71422			
(19021719)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: VOL8 ***
 INCLUDING SOURCE(S): VOL8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	324.79938	(21122223)	431839.58	
3720538.42	141.33887	(20122921)			
431848.44	3720506.30	91.79017	(18012717)	431808.02	
3720544.24	149.41003	(21121703)			
432072.45	3720450.37	92.55629	(20090918)	432046.42	
3720409.11	60.84965	(20090918)			
432081.39	3720459.96	96.80542	(20090918)	432108.76	
3720473.97	88.52378	(20090918)			
431818.11	3720498.90	117.99983	(20122520)	431824.87	
3720465.08	106.11924	(19010720)			
431746.87	3720630.10	291.88822	(21122423)	431718.91	
3720636.87	267.19264	(21090405)			
431769.86	3720571.04	182.14947	(21122223)	431828.48	
3720830.29	431.49301	(17091907)			
431795.56	3720851.94	261.69659	(17091907)	431709.90	
3720687.81	280.71671	(21110223)			
431720.72	3720650.84	275.99303	(20101104)	431690.06	
3720613.42	234.22572	(21090405)			
431685.55	3720648.14	236.58786	(20101104)	431653.09	
3720714.87	218.20607	(20020723)			
431660.75	3720740.12	226.99638	(20020723)	431667.06	

3720767.17	165.72653	(20020723)	
431672.47	3720800.08	134.60988	(17120821) 431676.08
3720826.23	153.00984	(21090404)	
431680.14	3720851.94	180.19529	(21090404) 433382.64
3721167.41	4.72401	(19040418)	
433341.15	3721247.68	6.03529	(19040418) 433323.12
3721251.28	6.24415	(19040418)	
432993.01	3721124.56	10.49663	(19040418) 432819.84
3721275.64	8.41681	(17070719)	
432735.51	3721287.81	12.35331	(17070719) 432701.69
3721285.56	13.84130	(17070719)	
432888.84	3721184.54	11.86227	(19040418) 432798.65
3721183.19	12.55613	(19040418)	
432741.38	3721201.68	11.35766	(19040418) 432669.67
3721211.60	13.38681	(17070719)	
432802.71	3721413.18	11.52710	(17070719) 432674.64
3721290.52	15.14212	(17070719)	
432613.30	3721308.11	17.37975	(17070719) 432550.62
3721318.93	18.11392	(17070719)	
432615.11	3721232.79	17.33084	(17070719) 432534.84
3721218.82	21.85102	(17070719)	
432381.96	3721246.77	21.03792	(17070719) 432413.98
3721344.18	16.98095	(21081203)	
432490.19	3721330.65	16.73338	(17070719) 432375.65
3721348.24	21.22802	(18071405)	
432365.73	3721270.22	18.91119	(21081203) 432314.77
3721271.13	25.33610	(18071405)	
432246.67	3721271.13	32.72402	(18052223) 432302.59
3721208.44	24.32342	(20082924)	
432234.05	3721217.01	34.70175	(21092124) 432247.12
3721359.97	31.75780	(21021920)	
432356.71	3721352.75	23.32033	(18071405) 432289.06
3721101.11	40.65385	(17070719)	
432217.81	3721121.86	35.59972	(18071405) 432214.66
3721047.45	51.98739	(17070719)	
432280.04	3721039.78	52.06133	(17070719) 432195.26
3720984.32	75.27590	(17070719)	
432188.05	3720943.73	86.96681	(17070719) 432243.97
3720808.89	87.80860	(21101617)	
432150.62	3720733.13	172.00266	(21101617) 432249.83
3720693.00	72.10975	(18121016)	
432206.99	3720559.06	51.93557	(19012817) 432232.69
3720348.46	40.29938	(19101917)	
432180.38	3720350.72	49.40249	(20090918) 432183.09
3720281.27	41.65345	(20090918)	
432236.75	3720646.55	59.12081	(21021017) 432042.84
3720348.46	42.39968	(18120916)	
431941.37	3720348.46	80.38611	(17011719) 431888.61
3720357.48	84.93306	(19012818)	
431923.34	3720345.30	88.32193	(19012818) 431907.10
3720352.52	87.13449	(19012818)	
431851.18	3720360.64	89.44892	(20120618) 431852.21
3720441.91	59.20155	(18012717)	
431852.07	3720489.04	81.75266	(18012717) 431845.13
3720523.74	126.97828	(21123101)	
431823.30	3720473.86	109.17776	(19010720) 431823.88
3720457.81	103.51925	(17122719)	
431793.30	3720942.34	165.87912	(21121316) 431690.56
3720987.19	89.32617	(17091907)	

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL8 ***
INCLUDING SOURCE(S): VOL8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	104.94747	(19091602)	432011.44	
3720873.33	185.34009	(19090807)			
432052.07	3720849.95	261.97486	(17070719)	432084.66	
3720824.64	231.63838	(19040418)			
432095.01	3720762.16	280.33874	(21101617)	432127.98	
3720889.43	140.25722	(17070719)			
432095.77	3720936.20	111.82868	(17070719)	431860.12	
3720941.68	191.03568	(19021217)			
431774.93	3721018.65	83.95249	(21121316)	431864.43	
3720908.43	250.50281	(19021217)			
431846.93	3720964.64	161.24223	(19021217)	431144.82	
3719945.78	29.37090	(21122223)			
431157.20	3719933.07	29.69415	(21122223)	431994.43	
3719146.82	20.11093	(20010218)			
431999.70	3719120.50	19.70790	(20021519)	434516.47	
3720617.48	7.75860	(19022103)			
434406.06	3720633.41	7.78173			
(21121417)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL9 ***
INCLUDING SOURCE(S): VOL9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431824.47	3720637.57	1587.24043	(17011216)	431839.58	
3720538.42	343.30783	(19020216)			
431848.44	3720506.30	253.39305	(17022717)	431808.02	
3720544.24	248.22512	(18012717)			
432072.45	3720450.37	102.16335	(20041418)	432046.42	
3720409.11	89.90038	(19101917)			
432081.39	3720459.96	95.96762	(20041418)	432108.76	
3720473.97	68.08990	(20041418)			
431818.11	3720498.90	184.81999	(18012717)	431824.87	
3720465.08	139.01610	(19020216)			
431746.87	3720630.10	381.72593	(19022804)	431718.91	
3720636.87	418.82751	(21120204)			
431769.86	3720571.04	326.22111	(17011216)	431828.48	

3720830.29	247.00554	(19021217)	
431795.56	3720851.94	208.05069	(19021217) 431709.90
3720687.81	252.73772	(19013117)	
431720.72	3720650.84	383.04227	(21120204) 431690.06
3720613.42	341.09123	(21110503)	
431685.55	3720648.14	333.71822	(20020723) 431653.09
3720714.87	163.37756	(18011318)	
431660.75	3720740.12	245.37450	(21090404) 431667.06
3720767.17	237.56844	(21021003)	
431672.47	3720800.08	139.58957	(19091602) 431676.08
3720826.23	133.86924	(17091907)	
431680.14	3720851.94	135.00131	(17091907) 433382.64
3721167.41	5.09569	(19040418)	
433341.15	3721247.68	5.67750	(19040418) 433323.12
3721251.28	5.78601	(19040418)	
432993.01	3721124.56	9.40223	(19040418) 432819.84
3721275.64	8.59963	(17070719)	
432735.51	3721287.81	11.45079	(17070719) 432701.69
3721285.56	12.43574	(17070719)	
432888.84	3721184.54	8.67430	(19040418) 432798.65
3721183.19	8.34015	(19040418)	
432741.38	3721201.68	9.54312	(17070719) 432669.67
3721211.60	12.76739	(17070719)	
432802.71	3721413.18	10.07840	(17070719) 432674.64
3721290.52	13.17620	(17070719)	
432613.30	3721308.11	14.03631	(17070719) 432550.62
3721318.93	13.75180	(17070719)	
432615.11	3721232.79	15.08047	(17070719) 432534.84
3721218.82	17.59060	(17070719)	
432381.96	3721246.77	14.30056	(17070719) 432413.98
3721344.18	13.69238	(20082924)	
432490.19	3721330.65	12.08110	(17070719) 432375.65
3721348.24	16.72277	(18071405)	
432365.73	3721270.22	15.05507	(21081203) 432314.77
3721271.13	19.51503	(18071405)	
432246.67	3721271.13	24.61706	(18052223) 432302.59
3721208.44	18.82113	(18071405)	
432234.05	3721217.01	25.82217	(21092124) 432247.12
3721359.97	24.13845	(21021920)	
432356.71	3721352.75	18.20789	(18071405) 432289.06
3721101.11	26.11362	(17070719)	
432217.81	3721121.86	26.23545	(18071405) 432214.66
3721047.45	30.56226	(17070719)	
432280.04	3721039.78	34.74181	(17070719) 432195.26
3720984.32	44.28916	(17070719)	
432188.05	3720943.73	53.78036	(17070719) 432243.97
3720808.89	63.10618	(19040418)	
432150.62	3720733.13	99.42004	(19040418) 432249.83
3720693.00	70.83274	(21101617)	
432206.99	3720559.06	50.23873	(18121016) 432232.69
3720348.46	37.60067	(20041418)	
432180.38	3720350.72	50.85224	(20041418) 432183.09
3720281.27	42.88403	(20041418)	
432236.75	3720646.55	69.48987	(21101617) 432042.84
3720348.46	82.59771	(20090918)	
431941.37	3720348.46	67.83087	(18120916) 431888.61
3720357.48	88.94628	(17022717)	
431923.34	3720345.30	69.11011	(17022717) 431907.10
3720352.52	80.94208	(17022717)	
431851.18	3720360.64	79.53240	(17022717) 431852.21
3720441.91	140.86403	(17022717)	
431852.07	3720489.04	218.73398	(17022717) 431845.13
3720523.74	295.66252	(17022717)	
431823.30	3720473.86	148.39275	(19020216) 431823.88
3720457.81	129.68611	(19020216)	
431793.30	3720942.34	109.22234	(19021217) 431690.56

3720987.19 60.11220 (17071702)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: VOL9 ***
INCLUDING SOURCE(S): VOL9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	100.81525	(21121316)	432011.44	
3720873.33	89.08275	(21092124)			
432052.07	3720849.95	104.81911	(17070719)	432084.66	
3720824.64	112.32882	(17070719)			
432095.01	3720762.16	129.60569	(19040418)	432127.98	
3720889.43	78.08488	(17070719)			
432095.77	3720936.20	52.05292	(17070719)	431860.12	
3720941.68	88.13624	(19121219)			
431774.93	3721018.65	67.67805	(19021217)	431864.43	
3720908.43	104.18986	(19121219)			
431846.93	3720964.64	76.80721	(19121219)	431144.82	
3719945.78	22.32313	(21122223)			
431157.20	3719933.07	23.46762	(21122223)	431994.43	
3719146.82	21.58640	(20012318)			
431999.70	3719120.50	21.20414	(20012318)	434516.47	
3720617.48	6.09100	(18122507)			
434406.06	3720633.41	5.74713			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 ,
VOL3 , VOL4 , VOL5 ,

VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			

431824.47	3720637.57	6670.69673	(17091907)	431839.58
3720538.42	4155.35921	(21123108)		
431848.44	3720506.30	3564.65826	(19033001)	431808.02
3720544.24	3674.70503	(21092804)		
432072.45	3720450.37	5910.00976	(19122116)	432046.42
3720409.11	5056.83206	(20090918)		
432081.39	3720459.96	5811.29487	(19122116)	432108.76
3720473.97	4704.88018	(20041418)		
431818.11	3720498.90	3056.03472	(19033001)	431824.87
3720465.08	2966.85674	(21120204)		
431746.87	3720630.10	3574.59212	(21090404)	431718.91
3720636.87	3327.95815	(21090404)		
431769.86	3720571.04	3372.03796	(19022804)	431828.48
3720830.29	5509.12101	(19021217)		
431795.56	3720851.94	4080.27755	(19021217)	431709.90
3720687.81	4277.84158	(20050504)		
431720.72	3720650.84	3750.91499	(20091405)	431690.06
3720613.42	2936.91741	(20020723)		
431685.55	3720648.14	2663.08240	(21090404)	431653.09
3720714.87	3131.23580	(21090404)		
431660.75	3720740.12	3609.44977	(21021003)	431667.06
3720767.17	3947.35803	(20091302)		
431672.47	3720800.08	3613.46125	(19091602)	431676.08
3720826.23	3234.56919	(17091907)		
431680.14	3720851.94	3158.53573	(17091907)	433382.64
3721167.41	173.55645	(19040418)		
433341.15	3721247.68	169.22839	(19040418)	433323.12
3721251.28	170.03749	(19040418)		
432993.01	3721124.56	256.67214	(19040418)	432819.84
3721275.64	313.51609	(17070719)		
432735.51	3721287.81	347.05856	(17070719)	432701.69
3721285.56	357.01693	(17070719)		
432888.84	3721184.54	246.09304	(17070719)	432798.65
3721183.19	317.19900	(17070719)		
432741.38	3721201.68	362.27241	(17070719)	432669.67
3721211.60	401.67032	(17070719)		
432802.71	3721413.18	279.78643	(17070719)	432674.64
3721290.52	359.20603	(17070719)		
432613.30	3721308.11	346.02563	(17070719)	432550.62
3721318.93	354.00938	(20082924)		
432615.11	3721232.79	407.60742	(17070719)	432534.84
3721218.82	426.04356	(17070719)		
432381.96	3721246.77	579.94296	(18052223)	432413.98
3721344.18	546.14362	(18052223)		
432490.19	3721330.65	442.46384	(18071405)	432375.65
3721348.24	589.42287	(18052223)		
432365.73	3721270.22	603.19315	(18052223)	432314.77
3721271.13	654.54622	(21021920)		
432246.67	3721271.13	699.04042	(21021920)	432302.59
3721208.44	687.85204	(18052223)		
432234.05	3721217.01	745.05354	(21021920)	432247.12
3721359.97	674.51536	(20022307)		
432356.71	3721352.75	607.55869	(21021920)	432289.06
3721101.11	730.09187	(18052223)		
432217.81	3721121.86	827.51610	(21021920)	432214.66
3721047.45	875.13693	(18052223)		
432280.04	3721039.78	764.90056	(18052223)	432195.26
3720984.32	977.75376	(18052223)		
432188.05	3720943.73	1035.83661	(18052223)	432243.97
3720808.89	1313.19210	(17070719)		
432150.62	3720733.13	2020.27944	(17070719)	432249.83
3720693.00	1578.41723	(19040418)		
432206.99	3720559.06	2976.18657	(21101617)	432232.69
3720348.46	1766.93655	(20041418)		

432180.38	3720350.72	2274.93930	(20041418)	432183.09
3720281.27	1765.40759	(20041418)		
432236.75	3720646.55	1918.51839	(21101617)	432042.84
3720348.46	3922.29390	(20090918)		
431941.37	3720348.46	3198.00556	(20013119)	431888.61
3720357.48	2962.66117	(21122223)		
431923.34	3720345.30	3126.61356	(21121703)	431907.10
3720352.52	3149.20211	(21121703)		
431851.18	3720360.64	2667.01440	(21090405)	431852.21
3720441.91	2787.26514	(19033001)		
431852.07	3720489.04	3169.79325	(19033001)	431845.13
3720523.74	3871.55694	(19033001)		
431823.30	3720473.86	2974.59945	(21120204)	431823.88
3720457.81	2923.20852	(21120204)		
431793.30	3720942.34	2604.06564	(19021217)	431690.56
3720987.19	1703.04451	(21121819)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

	INCLUDING SOURCE(S):	VOL1	, VOL2	,
	VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	, VOL9	, VOL10
VOL11	, VOL12	, VOL13	,	
VOL14	, VOL15	, VOL16	, VOL17	, VOL18
VOL19	, VOL20	, VOL21	,	
VOL22	, VOL23	, VOL24	, VOL25	, VOL26
VOL27	, VOL28	, . . .	,	

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
431680.98	3720921.25	2224.65724	(17091907)	432011.44	
3720873.33	1777.26175	(20122620)			
432052.07	3720849.95	1725.00338	(20022307)	432084.66	
3720824.64	1692.51189	(17070719)			
432095.01	3720762.16	2094.19838	(17070719)	432127.98	
3720889.43	1365.53755	(18052223)			
432095.77	3720936.20	1325.97434	(20022307)	431860.12	
3720941.68	2349.30298	(19021217)			
431774.93	3721018.65	1717.58342	(19021217)	431864.43	
3720908.43	2893.41641	(19021217)			
431846.93	3720964.64	2166.73642	(19021217)	431144.82	
3719945.78	644.45110	(17011607)			
431157.20	3719933.07	653.64516	(21021004)	431994.43	
3719146.82	653.20691	(20010218)			
431999.70	3719120.50	642.50904	(20010218)	434516.47	
3720617.48	240.97288	(18122507)			
434406.06	3720633.41	227.34395			
(18122507)					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS
***** CONC OF OTHER IN
MICROGRAMS/M**3

**

NETWORK

GROUP ID	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,

ZFLAG)				

VOL1	1ST HIGHEST VALUE IS	132.92490 AT (	431672.47,	3720800.08,	108.80,
114.76,	0.00) DC				
	2ND HIGHEST VALUE IS	120.59057 AT (	431667.06,	3720767.17,	111.49,
	114.76, 0.00) DC				
	3RD HIGHEST VALUE IS	108.13327 AT (	431676.08,	3720826.23,	105.73,
	114.76, 0.00) DC				
	4TH HIGHEST VALUE IS	93.68428 AT (	431795.56,	3720851.94,	97.59,
	110.23, 0.00) DC				
	5TH HIGHEST VALUE IS	84.70681 AT (	431709.90,	3720687.81,	110.76,
	118.81, 0.00) DC				
	6TH HIGHEST VALUE IS	82.22736 AT (	431660.75,	3720740.12,	114.87,
	114.87, 0.00) DC				
	7TH HIGHEST VALUE IS	80.36507 AT (	431680.14,	3720851.94,	103.18,
	114.76, 0.00) DC				
	8TH HIGHEST VALUE IS	75.29541 AT (	431828.48,	3720830.29,	96.22,
	114.81, 0.00) DC				
	9TH HIGHEST VALUE IS	58.85638 AT (	431653.09,	3720714.87,	116.78,
	116.78, 0.00) DC				
	10TH HIGHEST VALUE IS	51.31622 AT (	431720.72,	3720650.84,	110.87,
	111.98, 0.00) DC				

VOL10	1ST HIGHEST VALUE IS	77.38929 AT (	431824.47,	3720637.57,	107.74,
110.43,	0.00) DC				
	2ND HIGHEST VALUE IS	40.70681 AT (	431828.48,	3720830.29,	96.22,
	114.81, 0.00) DC				
	3RD HIGHEST VALUE IS	30.88608 AT (	431746.87,	3720630.10,	108.39,
	108.39, 0.00) DC				
	4TH HIGHEST VALUE IS	29.75843 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
	5TH HIGHEST VALUE IS	27.99217 AT (	431795.56,	3720851.94,	97.59,
	110.23, 0.00) DC				
	6TH HIGHEST VALUE IS	27.44343 AT (	431808.02,	3720544.24,	103.88,
	126.84, 0.00) DC				
	7TH HIGHEST VALUE IS	26.68697 AT (	431769.86,	3720571.04,	106.99,
	126.84, 0.00) DC				
	8TH HIGHEST VALUE IS	26.48990 AT (	431845.13,	3720523.74,	102.72,
	125.73, 0.00) DC				
	9TH HIGHEST VALUE IS	25.01023 AT (	431720.72,	3720650.84,	110.87,
	111.98, 0.00) DC				
	10TH HIGHEST VALUE IS	24.14144 AT (	431709.90,	3720687.81,	110.76,
	118.81, 0.00) DC				

VOL11	1ST HIGHEST VALUE IS	234.40938 AT (	431824.47,	3720637.57,	107.74,
110.43,	0.00) DC				
	2ND HIGHEST VALUE IS	147.11510 AT (	431746.87,	3720630.10,	108.39,
	108.39, 0.00) DC				
	3RD HIGHEST VALUE IS	120.39205 AT (	431720.72,	3720650.84,	110.87,
	111.98, 0.00) DC				

4TH HIGHEST VALUE IS 109.64100 AT (431709.90, 3720687.81, 110.76,
118.81, 0.00) DC
5TH HIGHEST VALUE IS 101.42400 AT (431718.91, 3720636.87, 110.97,
110.97, 0.00) DC
6TH HIGHEST VALUE IS 63.66377 AT (431769.86, 3720571.04, 106.99,
126.84, 0.00) DC
7TH HIGHEST VALUE IS 62.91628 AT (431685.55, 3720648.14, 114.01,
114.01, 0.00) DC
8TH HIGHEST VALUE IS 53.85395 AT (431690.06, 3720613.42, 113.15,
125.16, 0.00) DC
9TH HIGHEST VALUE IS 45.17263 AT (431808.02, 3720544.24, 103.88,
126.84, 0.00) DC
10TH HIGHEST VALUE IS 41.08648 AT (431660.75, 3720740.12, 114.87,
114.87, 0.00) DC

VOL12 1ST HIGHEST VALUE IS 303.18295 AT (431824.47, 3720637.57, 107.74,
110.43, 0.00) DC
2ND HIGHEST VALUE IS 169.64123 AT (431839.58, 3720538.42, 103.19,
125.73, 0.00) DC
3RD HIGHEST VALUE IS 133.93928 AT (431808.02, 3720544.24, 103.88,
126.84, 0.00) DC
4TH HIGHEST VALUE IS 123.06678 AT (431845.13, 3720523.74, 102.72,
125.73, 0.00) DC
5TH HIGHEST VALUE IS 94.95154 AT (431769.86, 3720571.04, 106.99,
126.84, 0.00) DC
6TH HIGHEST VALUE IS 87.65719 AT (431848.44, 3720506.30, 102.31,
125.73, 0.00) DC
7TH HIGHEST VALUE IS 69.38623 AT (431818.11, 3720498.90, 104.44,
126.84, 0.00) DC
8TH HIGHEST VALUE IS 65.77729 AT (431852.07, 3720489.04, 101.72,
126.84, 0.00) DC
9TH HIGHEST VALUE IS 64.82783 AT (431746.87, 3720630.10, 108.39,
108.39, 0.00) DC
10TH HIGHEST VALUE IS 50.32767 AT (431823.30, 3720473.86, 105.05,
125.73, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF OTHER IN
MICROGRAMS/M**3 **

NETWORK

GROUP ID	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,
ZFLAG)				

VOL13	1ST HIGHEST VALUE IS	238.13612 AT (	431839.58,	3720538.42,	103.19,
125.73,	0.00) DC				
	2ND HIGHEST VALUE IS	177.31094 AT (	431845.13,	3720523.74,	102.72,
	125.73, 0.00) DC				
	3RD HIGHEST VALUE IS	141.64871 AT (	431824.47,	3720637.57,	107.74,
	110.43, 0.00) DC				
	4TH HIGHEST VALUE IS	138.80266 AT (	431808.02,	3720544.24,	103.88,
	126.84, 0.00) DC				
	5TH HIGHEST VALUE IS	122.32922 AT (	431848.44,	3720506.30,	102.31,

125.73,	0.00)	DC			
6TH HIGHEST VALUE IS			88.75727	AT (	431852.07,
126.84,	0.00)	DC			3720489.04,
7TH HIGHEST VALUE IS			83.56209	AT (	431818.11,
126.84,	0.00)	DC			3720498.90,
8TH HIGHEST VALUE IS			76.98133	AT (	431769.86,
126.84,	0.00)	DC			3720571.04,
9TH HIGHEST VALUE IS			60.84700	AT (	431823.30,
125.73,	0.00)	DC			3720473.86,
10TH HIGHEST VALUE IS			54.63907	AT (	431824.87,
125.73,	0.00)	DC			3720465.08,

VOL14	1ST HIGHEST VALUE IS		221.64431	AT (	431839.58,	3720538.42,	103.19,
125.73,	0.00)	DC					
	2ND HIGHEST VALUE IS		195.56823	AT (	431845.13,	3720523.74,	102.72,
	125.73,	0.00)	DC				
	3RD HIGHEST VALUE IS		145.52566	AT (	431848.44,	3720506.30,	102.31,
	125.73,	0.00)	DC				
	4TH HIGHEST VALUE IS		109.91545	AT (	431808.02,	3720544.24,	103.88,
	126.84,	0.00)	DC				
	5TH HIGHEST VALUE IS		108.21762	AT (	431852.07,	3720489.04,	101.72,
	126.84,	0.00)	DC				
	6TH HIGHEST VALUE IS		85.44496	AT (	431818.11,	3720498.90,	104.44,
	126.84,	0.00)	DC				
	7TH HIGHEST VALUE IS		83.37210	AT (	431824.47,	3720637.57,	107.74,
	110.43,	0.00)	DC				
	8TH HIGHEST VALUE IS		65.85044	AT (	431823.30,	3720473.86,	105.05,
	125.73,	0.00)	DC				
	9TH HIGHEST VALUE IS		59.78831	AT (	431824.87,	3720465.08,	105.14,
	125.73,	0.00)	DC				
	10TH HIGHEST VALUE IS		57.49997	AT (	431769.86,	3720571.04,	106.99,
	126.84,	0.00)	DC				

VOL15	1ST HIGHEST VALUE IS		166.31758	AT (	431845.13,	3720523.74,	102.72,
125.73,	0.00)	DC					
	2ND HIGHEST VALUE IS		155.02530	AT (	431839.58,	3720538.42,	103.19,
	125.73,	0.00)	DC				
	3RD HIGHEST VALUE IS		148.44658	AT (	431848.44,	3720506.30,	102.31,
	125.73,	0.00)	DC				
	4TH HIGHEST VALUE IS		122.72136	AT (	431852.07,	3720489.04,	101.72,
	126.84,	0.00)	DC				
	5TH HIGHEST VALUE IS		79.35021	AT (	431808.02,	3720544.24,	103.88,
	126.84,	0.00)	DC				
	6TH HIGHEST VALUE IS		78.15292	AT (	431818.11,	3720498.90,	104.44,
	126.84,	0.00)	DC				
	7TH HIGHEST VALUE IS		66.70889	AT (	431823.30,	3720473.86,	105.05,
	125.73,	0.00)	DC				
	8TH HIGHEST VALUE IS		62.06707	AT (	431824.87,	3720465.08,	105.14,
	125.73,	0.00)	DC				
	9TH HIGHEST VALUE IS		61.61798	AT (	431852.21,	3720441.91,	102.33,
	125.73,	0.00)	DC				
	10TH HIGHEST VALUE IS		56.92625	AT (	431823.88,	3720457.81,	105.26,
	125.73,	0.00)	DC				

VOL16	1ST HIGHEST VALUE IS		128.67338	AT (	431848.44,	3720506.30,	102.31,
125.73,	0.00)	DC					
	2ND HIGHEST VALUE IS		125.27824	AT (	431845.13,	3720523.74,	102.72,
	125.73,	0.00)	DC				
	3RD HIGHEST VALUE IS		121.67645	AT (	431852.07,	3720489.04,	101.72,
	126.84,	0.00)	DC				
	4TH HIGHEST VALUE IS		108.08220	AT (	431839.58,	3720538.42,	103.19,
	125.73,	0.00)	DC				
	5TH HIGHEST VALUE IS		69.30259	AT (	431852.21,	3720441.91,	102.33,
	125.73,	0.00)	DC				
	6TH HIGHEST VALUE IS		69.21121	AT (	431818.11,	3720498.90,	104.44,
	126.84,	0.00)	DC				

7TH HIGHEST VALUE IS 64.84464 AT (431823.30, 3720473.86, 105.05,
 125.73, 0.00) DC
 8TH HIGHEST VALUE IS 61.99715 AT (431824.87, 3720465.08, 105.14,
 125.73, 0.00) DC
 9TH HIGHEST VALUE IS 60.79555 AT (431808.02, 3720544.24, 103.88,
 126.84, 0.00) DC
 10TH HIGHEST VALUE IS 57.72983 AT (431823.88, 3720457.81, 105.26,
 125.73, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF OTHER IN
 MICROGRAMS/M**3 **

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
 ZFLAG) OF TYPE GRID-ID

VOL17 1ST HIGHEST VALUE IS 88.69375 AT (431852.21, 3720441.91, 102.33,
 125.73, 0.00) DC
 2ND HIGHEST VALUE IS 87.92979 AT (431852.07, 3720489.04, 101.72,
 126.84, 0.00) DC
 3RD HIGHEST VALUE IS 74.52562 AT (431848.44, 3720506.30, 102.31,
 125.73, 0.00) DC
 4TH HIGHEST VALUE IS 62.43291 AT (431845.13, 3720523.74, 102.72,
 125.73, 0.00) DC
 5TH HIGHEST VALUE IS 60.94480 AT (432046.42, 3720409.11, 94.03,
 111.43, 0.00) DC
 6TH HIGHEST VALUE IS 55.10934 AT (431824.87, 3720465.08, 105.14,
 125.73, 0.00) DC
 7TH HIGHEST VALUE IS 54.06637 AT (431823.88, 3720457.81, 105.26,
 125.73, 0.00) DC
 8TH HIGHEST VALUE IS 53.94025 AT (431941.37, 3720348.46, 108.70,
 111.43, 0.00) DC
 9TH HIGHEST VALUE IS 53.75862 AT (431823.30, 3720473.86, 105.05,
 125.73, 0.00) DC
 10TH HIGHEST VALUE IS 51.89485 AT (431839.58, 3720538.42, 103.19,
 125.73, 0.00) DC

VOL18 1ST HIGHEST VALUE IS 99.25986 AT (431941.37, 3720348.46, 108.70,
 111.43, 0.00) DC
 2ND HIGHEST VALUE IS 92.33260 AT (432046.42, 3720409.11, 94.03,
 111.43, 0.00) DC
 3RD HIGHEST VALUE IS 82.77443 AT (431907.10, 3720352.52, 108.60,
 111.09, 0.00) DC
 4TH HIGHEST VALUE IS 78.89755 AT (431923.34, 3720345.30, 110.24,
 110.24, 0.00) DC
 5TH HIGHEST VALUE IS 73.49968 AT (431888.61, 3720357.48, 108.22,
 111.60, 0.00) DC
 6TH HIGHEST VALUE IS 70.00613 AT (431852.21, 3720441.91, 102.33,
 125.73, 0.00) DC
 7TH HIGHEST VALUE IS 68.21997 AT (432042.84, 3720348.46, 99.37,
 111.43, 0.00) DC
 8TH HIGHEST VALUE IS 60.27469 AT (432072.45, 3720450.37, 95.23,

100.93, 0.00) DC
9TH HIGHEST VALUE IS 54.91478 AT (431852.07, 3720489.04, 101.72,
126.84, 0.00) DC
10TH HIGHEST VALUE IS 52.04031 AT (432081.39, 3720459.96, 95.43,
100.93, 0.00) DC

VOL19 1ST HIGHEST VALUE IS 202.48508 AT (432046.42, 3720409.11, 94.03,
111.43, 0.00) DC
2ND HIGHEST VALUE IS 105.64456 AT (432072.45, 3720450.37, 95.23,
100.93, 0.00) DC
3RD HIGHEST VALUE IS 104.18375 AT (432042.84, 3720348.46, 99.37,
111.43, 0.00) DC
4TH HIGHEST VALUE IS 85.57390 AT (432081.39, 3720459.96, 95.43,
100.93, 0.00) DC
5TH HIGHEST VALUE IS 78.00397 AT (431941.37, 3720348.46, 108.70,
111.43, 0.00) DC
6TH HIGHEST VALUE IS 61.49172 AT (431923.34, 3720345.30, 110.24,
110.24, 0.00) DC
7TH HIGHEST VALUE IS 59.16334 AT (431907.10, 3720352.52, 108.60,
111.09, 0.00) DC
8TH HIGHEST VALUE IS 52.36846 AT (432108.76, 3720473.97, 93.38,
100.99, 0.00) DC
9TH HIGHEST VALUE IS 50.74521 AT (431888.61, 3720357.48, 108.22,
111.60, 0.00) DC
10TH HIGHEST VALUE IS 43.37400 AT (431852.21, 3720441.91, 102.33,
125.73, 0.00) DC

VOL2 1ST HIGHEST VALUE IS 304.94418 AT (431709.90, 3720687.81, 110.76,
118.81, 0.00) DC
2ND HIGHEST VALUE IS 144.04998 AT (431720.72, 3720650.84, 110.87,
111.98, 0.00) DC
3RD HIGHEST VALUE IS 105.82880 AT (431718.91, 3720636.87, 110.97,
110.97, 0.00) DC
4TH HIGHEST VALUE IS 101.13675 AT (431746.87, 3720630.10, 108.39,
108.39, 0.00) DC
5TH HIGHEST VALUE IS 100.91522 AT (431660.75, 3720740.12, 114.87,
114.87, 0.00) DC
6TH HIGHEST VALUE IS 95.10021 AT (431667.06, 3720767.17, 111.49,
114.76, 0.00) DC
7TH HIGHEST VALUE IS 90.38830 AT (431685.55, 3720648.14, 114.01,
114.01, 0.00) DC
8TH HIGHEST VALUE IS 82.83365 AT (431653.09, 3720714.87, 116.78,
116.78, 0.00) DC
9TH HIGHEST VALUE IS 70.56612 AT (431672.47, 3720800.08, 108.80,
114.76, 0.00) DC
10TH HIGHEST VALUE IS 67.43579 AT (431824.47, 3720637.57, 107.74,
110.43, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF OTHER IN
MICROGRAMS/M**3 **

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
ZFLAG) OF TYPE GRID-ID

VOL20	1ST HIGHEST VALUE IS	150.08260 AT (	432046.42,	3720409.11,	94.03,
111.43,	0.00) DC				
	2ND HIGHEST VALUE IS	142.94468 AT (	432072.45,	3720450.37,	95.23,
	100.93, 0.00) DC				
	3RD HIGHEST VALUE IS	119.65460 AT (	432081.39,	3720459.96,	95.43,
	100.93, 0.00) DC				
	4TH HIGHEST VALUE IS	69.35414 AT (	432108.76,	3720473.97,	93.38,
	100.99, 0.00) DC				
	5TH HIGHEST VALUE IS	61.63951 AT (	432042.84,	3720348.46,	99.37,
	111.43, 0.00) DC				
	6TH HIGHEST VALUE IS	43.49443 AT (	431941.37,	3720348.46,	108.70,
	111.43, 0.00) DC				
	7TH HIGHEST VALUE IS	37.69039 AT (	431852.21,	3720441.91,	102.33,
	125.73, 0.00) DC				
	8TH HIGHEST VALUE IS	37.40770 AT (	431852.07,	3720489.04,	101.72,
	126.84, 0.00) DC				
	9TH HIGHEST VALUE IS	37.29257 AT (	431907.10,	3720352.52,	108.60,
	111.09, 0.00) DC				
	10TH HIGHEST VALUE IS	37.16498 AT (	431923.34,	3720345.30,	110.24,
	110.24, 0.00) DC				
VOL21	1ST HIGHEST VALUE IS	178.26266 AT (	432072.45,	3720450.37,	95.23,
100.93,	0.00) DC				
	2ND HIGHEST VALUE IS	155.47597 AT (	432081.39,	3720459.96,	95.43,
	100.93, 0.00) DC				
	3RD HIGHEST VALUE IS	132.83565 AT (	432046.42,	3720409.11,	94.03,
	111.43, 0.00) DC				
	4TH HIGHEST VALUE IS	87.16819 AT (	432108.76,	3720473.97,	93.38,
	100.99, 0.00) DC				
	5TH HIGHEST VALUE IS	52.85993 AT (	432042.84,	3720348.46,	99.37,
	111.43, 0.00) DC				
	6TH HIGHEST VALUE IS	35.29794 AT (	431941.37,	3720348.46,	108.70,
	111.43, 0.00) DC				
	7TH HIGHEST VALUE IS	32.91807 AT (	431852.07,	3720489.04,	101.72,
	126.84, 0.00) DC				
	8TH HIGHEST VALUE IS	31.79910 AT (	431852.21,	3720441.91,	102.33,
	125.73, 0.00) DC				
	9TH HIGHEST VALUE IS	30.96896 AT (	431848.44,	3720506.30,	102.31,
	125.73, 0.00) DC				
	10TH HIGHEST VALUE IS	30.68564 AT (	431923.34,	3720345.30,	110.24,
	110.24, 0.00) DC				
VOL22	1ST HIGHEST VALUE IS	84.36995 AT (	431824.47,	3720637.57,	107.74,
110.43,	0.00) DC				
	2ND HIGHEST VALUE IS	47.77239 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
	3RD HIGHEST VALUE IS	42.58995 AT (	431845.13,	3720523.74,	102.72,
	125.73, 0.00) DC				
	4TH HIGHEST VALUE IS	38.71824 AT (	431808.02,	3720544.24,	103.88,
	126.84, 0.00) DC				
	5TH HIGHEST VALUE IS	36.33163 AT (	431848.44,	3720506.30,	102.31,
	125.73, 0.00) DC				
	6TH HIGHEST VALUE IS	31.94567 AT (	431769.86,	3720571.04,	106.99,
	126.84, 0.00) DC				
	7TH HIGHEST VALUE IS	31.23096 AT (	431852.07,	3720489.04,	101.72,
	126.84, 0.00) DC				
	8TH HIGHEST VALUE IS	29.71680 AT (	431746.87,	3720630.10,	108.39,
	108.39, 0.00) DC				
	9TH HIGHEST VALUE IS	29.03991 AT (	431818.11,	3720498.90,	104.44,
	126.84, 0.00) DC				
	10TH HIGHEST VALUE IS	24.49549 AT (	431823.30,	3720473.86,	105.05,
	125.73, 0.00) DC				

100.93,	0.00)	DC			
3RD HIGHEST VALUE IS			94.29088	AT (432108.76,	3720473.97,
100.99,	0.00)	DC			93.38,
4TH HIGHEST VALUE IS			51.12327	AT (432046.42,	3720409.11,
111.43,	0.00)	DC			94.03,
5TH HIGHEST VALUE IS			31.15675	AT (432206.99,	3720559.06,
88.14,	0.00)	DC			88.14,
6TH HIGHEST VALUE IS			27.05990	AT (432042.84,	3720348.46,
111.43,	0.00)	DC			99.37,
7TH HIGHEST VALUE IS			23.78435	AT (431852.07,	3720489.04,
126.84,	0.00)	DC			101.72,
8TH HIGHEST VALUE IS			23.69835	AT (431848.44,	3720506.30,
125.73,	0.00)	DC			102.31,
9TH HIGHEST VALUE IS			23.38135	AT (431845.13,	3720523.74,
125.73,	0.00)	DC			102.72,
10TH HIGHEST VALUE IS			22.34612	AT (431839.58,	3720538.42,
125.73,	0.00)	DC			103.19,

VOL26	1ST HIGHEST VALUE IS		196.71054	AT (432072.45,	3720450.37,	95.23,
100.93,	0.00)	DC				
	2ND HIGHEST VALUE IS		185.97623	AT (432081.39,	3720459.96,	95.43,
	100.93,	0.00)	DC			
	3RD HIGHEST VALUE IS		111.75226	AT (432046.42,	3720409.11,	94.03,
	111.43,	0.00)	DC			
	4TH HIGHEST VALUE IS		106.50570	AT (432108.76,	3720473.97,	93.38,
	100.99,	0.00)	DC			
	5TH HIGHEST VALUE IS		45.92587	AT (432042.84,	3720348.46,	99.37,
	111.43,	0.00)	DC			
	6TH HIGHEST VALUE IS		30.06701	AT (431941.37,	3720348.46,	108.70,
	111.43,	0.00)	DC			
	7TH HIGHEST VALUE IS		29.28897	AT (431852.07,	3720489.04,	101.72,
	126.84,	0.00)	DC			
	8TH HIGHEST VALUE IS		27.98955	AT (431848.44,	3720506.30,	102.31,
	125.73,	0.00)	DC			
	9TH HIGHEST VALUE IS		27.60101	AT (431852.21,	3720441.91,	102.33,
	125.73,	0.00)	DC			
	10TH HIGHEST VALUE IS		26.48411	AT (431845.13,	3720523.74,	102.72,
	125.73,	0.00)	DC			

VOL27	1ST HIGHEST VALUE IS		191.17908	AT (432081.39,	3720459.96,	95.43,
100.93,	0.00)	DC				
	2ND HIGHEST VALUE IS		172.96566	AT (432072.45,	3720450.37,	95.23,
	100.93,	0.00)	DC			
	3RD HIGHEST VALUE IS		134.33978	AT (432108.76,	3720473.97,	93.38,
	100.99,	0.00)	DC			
	4TH HIGHEST VALUE IS		79.75661	AT (432046.42,	3720409.11,	94.03,
	111.43,	0.00)	DC			
	5TH HIGHEST VALUE IS		36.53098	AT (432042.84,	3720348.46,	99.37,
	111.43,	0.00)	DC			
	6TH HIGHEST VALUE IS		30.04890	AT (432206.99,	3720559.06,	88.14,
	88.14,	0.00)	DC			
	7TH HIGHEST VALUE IS		24.64569	AT (431852.07,	3720489.04,	101.72,
	126.84,	0.00)	DC			
	8TH HIGHEST VALUE IS		24.06677	AT (431941.37,	3720348.46,	108.70,
	111.43,	0.00)	DC			
	9TH HIGHEST VALUE IS		24.00389	AT (431848.44,	3720506.30,	102.31,
	125.73,	0.00)	DC			
	10TH HIGHEST VALUE IS		23.31170	AT (432180.38,	3720350.72,	90.93,
	115.45,	0.00)	DC			

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*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF OTHER IN
MICROGRAMS/M**3 **

GROUP ID		NETWORK		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZHILL,		
ZFLAG)	OF TYPE	GRID-ID						

VOL28	1ST HIGHEST VALUE IS		45.71392 AT (	431839.58,	3720538.42,	103.19,		
125.73,	0.00) DC							
	2ND HIGHEST VALUE IS		45.39629 AT (	431845.13,	3720523.74,	102.72,		
	125.73, 0.00) DC							
	3RD HIGHEST VALUE IS		42.25630 AT (	431848.44,	3720506.30,	102.31,		
	125.73, 0.00) DC							
	4TH HIGHEST VALUE IS		38.72597 AT (	431852.07,	3720489.04,	101.72,		
	126.84, 0.00) DC							
	5TH HIGHEST VALUE IS		36.85076 AT (	431824.47,	3720637.57,	107.74,		
	110.43, 0.00) DC							
	6TH HIGHEST VALUE IS		33.62993 AT (	432081.39,	3720459.96,	95.43,		
	100.93, 0.00) DC							
	7TH HIGHEST VALUE IS		33.14470 AT (	432072.45,	3720450.37,	95.23,		
	100.93, 0.00) DC							
	8TH HIGHEST VALUE IS		32.68125 AT (	431808.02,	3720544.24,	103.88,		
	126.84, 0.00) DC							
	9TH HIGHEST VALUE IS		30.26360 AT (	431818.11,	3720498.90,	104.44,		
	126.84, 0.00) DC							
	10TH HIGHEST VALUE IS		29.37739 AT (	432108.76,	3720473.97,	93.38,		
	100.99, 0.00) DC							
VOL29	1ST HIGHEST VALUE IS		48.90680 AT (	432081.39,	3720459.96,	95.43,		
100.93,	0.00) DC							
	2ND HIGHEST VALUE IS		47.18572 AT (	432108.76,	3720473.97,	93.38,		
	100.99, 0.00) DC							
	3RD HIGHEST VALUE IS		45.17637 AT (	432072.45,	3720450.37,	95.23,		
	100.93, 0.00) DC							
	4TH HIGHEST VALUE IS		29.87710 AT (	432046.42,	3720409.11,	94.03,		
	111.43, 0.00) DC							
	5TH HIGHEST VALUE IS		26.78229 AT (	432095.01,	3720762.16,	88.28,		
	89.52, 0.00) DC							
	6TH HIGHEST VALUE IS		25.97449 AT (	432150.62,	3720733.13,	88.82,		
	88.82, 0.00) DC							
	7TH HIGHEST VALUE IS		25.95984 AT (	432206.99,	3720559.06,	88.14,		
	88.14, 0.00) DC							
	8TH HIGHEST VALUE IS		25.24156 AT (	431845.13,	3720523.74,	102.72,		
	125.73, 0.00) DC							
	9TH HIGHEST VALUE IS		24.88417 AT (	431839.58,	3720538.42,	103.19,		
	125.73, 0.00) DC							
	10TH HIGHEST VALUE IS		24.59496 AT (	431848.44,	3720506.30,	102.31,		
	125.73, 0.00) DC							
VOL3	1ST HIGHEST VALUE IS		143.45094 AT (	431828.48,	3720830.29,	96.22,		
114.81,	0.00) DC							
	2ND HIGHEST VALUE IS		97.69163 AT (	431795.56,	3720851.94,	97.59,		
	110.23, 0.00) DC							
	3RD HIGHEST VALUE IS		55.00197 AT (	431709.90,	3720687.81,	110.76,		
	118.81, 0.00) DC							
	4TH HIGHEST VALUE IS		53.49267 AT (	431824.47,	3720637.57,	107.74,		
	110.43, 0.00) DC							
	5TH HIGHEST VALUE IS		46.01607 AT (	431672.47,	3720800.08,	108.80,		

114.76, 0.00) DC
6TH HIGHEST VALUE IS 44.70285 AT (431667.06, 3720767.17, 111.49,
114.76, 0.00) DC
7TH HIGHEST VALUE IS 43.04928 AT (431676.08, 3720826.23, 105.73,
114.76, 0.00) DC
8TH HIGHEST VALUE IS 42.60181 AT (431720.72, 3720650.84, 110.87,
111.98, 0.00) DC
9TH HIGHEST VALUE IS 40.62030 AT (431746.87, 3720630.10, 108.39,
108.39, 0.00) DC
10TH HIGHEST VALUE IS 38.09007 AT (431680.14, 3720851.94, 103.18,
114.76, 0.00) DC

VOL30 1ST HIGHEST VALUE IS 179.08903 AT (432108.76, 3720473.97, 93.38,
100.99, 0.00) DC
2ND HIGHEST VALUE IS 162.80797 AT (432081.39, 3720459.96, 95.43,
100.93, 0.00) DC
3RD HIGHEST VALUE IS 128.48940 AT (432072.45, 3720450.37, 95.23,
100.93, 0.00) DC
4TH HIGHEST VALUE IS 56.19376 AT (432046.42, 3720409.11, 94.03,
111.43, 0.00) DC
5TH HIGHEST VALUE IS 44.15189 AT (432206.99, 3720559.06, 88.14,
88.14, 0.00) DC
6TH HIGHEST VALUE IS 28.86007 AT (432042.84, 3720348.46, 99.37,
111.43, 0.00) DC
7TH HIGHEST VALUE IS 24.15887 AT (432180.38, 3720350.72, 90.93,
115.45, 0.00) DC
8TH HIGHEST VALUE IS 24.01070 AT (432236.75, 3720646.55, 87.96,
87.96, 0.00) DC
9TH HIGHEST VALUE IS 21.64609 AT (432150.62, 3720733.13, 88.82,
88.82, 0.00) DC
10TH HIGHEST VALUE IS 18.73849 AT (431852.07, 3720489.04, 101.72,
126.84, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF OTHER IN
MICROGRAMS/M**3 **

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
ZFLAG) OF TYPE GRID-ID

VOL31 1ST HIGHEST VALUE IS 77.98169 AT (432108.76, 3720473.97, 93.38,
100.99, 0.00) DC
2ND HIGHEST VALUE IS 72.65437 AT (432081.39, 3720459.96, 95.43,
100.93, 0.00) DC
3RD HIGHEST VALUE IS 63.28822 AT (432072.45, 3720450.37, 95.23,
100.93, 0.00) DC
4TH HIGHEST VALUE IS 38.93513 AT (432206.99, 3720559.06, 88.14,
88.14, 0.00) DC
5TH HIGHEST VALUE IS 36.17816 AT (432046.42, 3720409.11, 94.03,
111.43, 0.00) DC
6TH HIGHEST VALUE IS 28.61048 AT (432150.62, 3720733.13, 88.82,
88.82, 0.00) DC

7TH HIGHEST VALUE IS	25.76927 AT (	432095.01,	3720762.16,	88.28,
89.52, 0.00) DC				
8TH HIGHEST VALUE IS	25.28626 AT (	432236.75,	3720646.55,	87.96,
87.96, 0.00) DC				
9TH HIGHEST VALUE IS	20.57747 AT (	432042.84,	3720348.46,	99.37,
111.43, 0.00) DC				
10TH HIGHEST VALUE IS	19.65753 AT (	432249.83,	3720693.00,	88.06,
88.06, 0.00) DC				

VOL32	1ST HIGHEST VALUE IS	46.96955 AT (	432095.01,	3720762.16,	88.28,
89.52,	0.00) DC				
	2ND HIGHEST VALUE IS	35.90374 AT (	432150.62,	3720733.13,	88.82,
	88.82, 0.00) DC				
	3RD HIGHEST VALUE IS	27.85901 AT (	432084.66,	3720824.64,	87.43,
	87.43, 0.00) DC				
	4TH HIGHEST VALUE IS	26.96912 AT (	432108.76,	3720473.97,	93.38,
	100.99, 0.00) DC				
	5TH HIGHEST VALUE IS	26.35950 AT (	432081.39,	3720459.96,	95.43,
	100.93, 0.00) DC				
	6TH HIGHEST VALUE IS	24.77487 AT (	432072.45,	3720450.37,	95.23,
	100.93, 0.00) DC				
	7TH HIGHEST VALUE IS	23.97287 AT (	432052.07,	3720849.95,	87.27,
	109.90, 0.00) DC				
	8TH HIGHEST VALUE IS	23.32353 AT (	431824.47,	3720637.57,	107.74,
	110.43, 0.00) DC				
	9TH HIGHEST VALUE IS	21.90848 AT (	432206.99,	3720559.06,	88.14,
	88.14, 0.00) DC				
	10TH HIGHEST VALUE IS	21.79093 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				

VOL33	1ST HIGHEST VALUE IS	42.80580 AT (	432095.01,	3720762.16,	88.28,
89.52,	0.00) DC				
	2ND HIGHEST VALUE IS	34.85391 AT (	432052.07,	3720849.95,	87.27,
	109.90, 0.00) DC				
	3RD HIGHEST VALUE IS	33.69436 AT (	432084.66,	3720824.64,	87.43,
	87.43, 0.00) DC				
	4TH HIGHEST VALUE IS	33.24326 AT (	431824.47,	3720637.57,	107.74,
	110.43, 0.00) DC				
	5TH HIGHEST VALUE IS	33.11574 AT (	432011.44,	3720873.33,	86.61,
	109.90, 0.00) DC				
	6TH HIGHEST VALUE IS	27.97083 AT (	431828.48,	3720830.29,	96.22,
	114.81, 0.00) DC				
	7TH HIGHEST VALUE IS	25.73656 AT (	432150.62,	3720733.13,	88.82,
	88.82, 0.00) DC				
	8TH HIGHEST VALUE IS	20.55126 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
	9TH HIGHEST VALUE IS	19.83589 AT (	431795.56,	3720851.94,	97.59,
	110.23, 0.00) DC				
	10TH HIGHEST VALUE IS	19.03574 AT (	431864.43,	3720908.43,	82.71,
	124.06, 0.00) DC				

VOL34	1ST HIGHEST VALUE IS	33.95511 AT (	431824.47,	3720637.57,	107.74,
110.43,	0.00) DC				
	2ND HIGHEST VALUE IS	33.72969 AT (	432095.01,	3720762.16,	88.28,
	89.52, 0.00) DC				
	3RD HIGHEST VALUE IS	29.16513 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
	4TH HIGHEST VALUE IS	27.84960 AT (	431845.13,	3720523.74,	102.72,
	125.73, 0.00) DC				
	5TH HIGHEST VALUE IS	25.46261 AT (	431848.44,	3720506.30,	102.31,
	125.73, 0.00) DC				
	6TH HIGHEST VALUE IS	24.96882 AT (	432150.62,	3720733.13,	88.82,
	88.82, 0.00) DC				
	7TH HIGHEST VALUE IS	23.45675 AT (	431808.02,	3720544.24,	103.88,
	126.84, 0.00) DC				
	8TH HIGHEST VALUE IS	23.20292 AT (	431852.07,	3720489.04,	101.72,

126.84, 0.00) DC
9TH HIGHEST VALUE IS 23.15884 AT (432084.66, 3720824.64, 87.43,
87.43, 0.00) DC
10TH HIGHEST VALUE IS 23.01223 AT (432081.39, 3720459.96, 95.43,
100.93, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF OTHER IN
MICROGRAMS/M**3 **

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
ZFLAG) OF TYPE GRID-ID

VOL4 1ST HIGHEST VALUE IS 149.62983 AT (431709.90, 3720687.81, 110.76,
118.81, 0.00) DC
2ND HIGHEST VALUE IS 120.95404 AT (431720.72, 3720650.84, 110.87,
111.98, 0.00) DC
3RD HIGHEST VALUE IS 117.66738 AT (431824.47, 3720637.57, 107.74,
110.43, 0.00) DC
4TH HIGHEST VALUE IS 113.75370 AT (431746.87, 3720630.10, 108.39,
108.39, 0.00) DC
5TH HIGHEST VALUE IS 95.38915 AT (431718.91, 3720636.87, 110.97,
110.97, 0.00) DC
6TH HIGHEST VALUE IS 67.67365 AT (431685.55, 3720648.14, 114.01,
114.01, 0.00) DC
7TH HIGHEST VALUE IS 55.23210 AT (431660.75, 3720740.12, 114.87,
114.87, 0.00) DC
8TH HIGHEST VALUE IS 52.95737 AT (431667.06, 3720767.17, 111.49,
114.76, 0.00) DC
9TH HIGHEST VALUE IS 51.80014 AT (431690.06, 3720613.42, 113.15,
125.16, 0.00) DC
10TH HIGHEST VALUE IS 49.50044 AT (431653.09, 3720714.87, 116.78,
116.78, 0.00) DC

VOL5 1ST HIGHEST VALUE IS 155.36311 AT (431824.47, 3720637.57, 107.74,
110.43, 0.00) DC
2ND HIGHEST VALUE IS 58.35253 AT (431746.87, 3720630.10, 108.39,
108.39, 0.00) DC
3RD HIGHEST VALUE IS 53.38639 AT (431828.48, 3720830.29, 96.22,
114.81, 0.00) DC
4TH HIGHEST VALUE IS 46.72140 AT (431720.72, 3720650.84, 110.87,
111.98, 0.00) DC
5TH HIGHEST VALUE IS 46.53063 AT (431709.90, 3720687.81, 110.76,
118.81, 0.00) DC
6TH HIGHEST VALUE IS 42.31444 AT (431718.91, 3720636.87, 110.97,
110.97, 0.00) DC
7TH HIGHEST VALUE IS 38.93589 AT (431769.86, 3720571.04, 106.99,
126.84, 0.00) DC
8TH HIGHEST VALUE IS 37.74223 AT (431795.56, 3720851.94, 97.59,
110.23, 0.00) DC
9TH HIGHEST VALUE IS 34.12684 AT (431808.02, 3720544.24, 103.88,
126.84, 0.00) DC

10TH HIGHEST VALUE IS 33.62121 AT (431839.58, 3720538.42, 103.19,
125.73, 0.00) DC

VOL6 1ST HIGHEST VALUE IS 223.97562 AT (431828.48, 3720830.29, 96.22,
114.81, 0.00) DC
2ND HIGHEST VALUE IS 89.16616 AT (431795.56, 3720851.94, 97.59,
110.23, 0.00) DC
3RD HIGHEST VALUE IS 58.64061 AT (431864.43, 3720908.43, 82.71,
124.06, 0.00) DC
4TH HIGHEST VALUE IS 37.74171 AT (431860.12, 3720941.68, 81.24,
124.06, 0.00) DC
5TH HIGHEST VALUE IS 34.13015 AT (432011.44, 3720873.33, 86.61,
109.90, 0.00) DC
6TH HIGHEST VALUE IS 32.50410 AT (431793.30, 3720942.34, 92.00,
109.90, 0.00) DC
7TH HIGHEST VALUE IS 29.35804 AT (431846.93, 3720964.64, 82.23,
124.06, 0.00) DC
8TH HIGHEST VALUE IS 28.73212 AT (431824.47, 3720637.57, 107.74,
110.43, 0.00) DC
9TH HIGHEST VALUE IS 25.33915 AT (432052.07, 3720849.95, 87.27,
109.90, 0.00) DC
10TH HIGHEST VALUE IS 23.89799 AT (431709.90, 3720687.81, 110.76,
118.81, 0.00) DC

VOL7 1ST HIGHEST VALUE IS 124.89745 AT (431828.48, 3720830.29, 96.22,
114.81, 0.00) DC
2ND HIGHEST VALUE IS 65.13223 AT (431795.56, 3720851.94, 97.59,
110.23, 0.00) DC
3RD HIGHEST VALUE IS 49.76701 AT (431824.47, 3720637.57, 107.74,
110.43, 0.00) DC
4TH HIGHEST VALUE IS 37.55328 AT (431864.43, 3720908.43, 82.71,
124.06, 0.00) DC
5TH HIGHEST VALUE IS 31.57363 AT (431709.90, 3720687.81, 110.76,
118.81, 0.00) DC
6TH HIGHEST VALUE IS 29.75350 AT (431746.87, 3720630.10, 108.39,
108.39, 0.00) DC
7TH HIGHEST VALUE IS 28.28015 AT (431720.72, 3720650.84, 110.87,
111.98, 0.00) DC
8TH HIGHEST VALUE IS 26.34702 AT (431860.12, 3720941.68, 81.24,
124.06, 0.00) DC
9TH HIGHEST VALUE IS 25.63871 AT (431718.91, 3720636.87, 110.97,
110.97, 0.00) DC
10TH HIGHEST VALUE IS 25.58863 AT (431672.47, 3720800.08, 108.80,
114.76, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS

** CONC OF OTHER IN
MICROGRAMS/M**3 **

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
ZFLAG) OF TYPE GRID-ID

VOL8	1ST HIGHEST VALUE IS	49.65609 AT (	431828.48,	3720830.29,	96.22,
114.81,	0.00) DC				
	2ND HIGHEST VALUE IS	41.27809 AT (	431824.47,	3720637.57,	107.74,
	110.43, 0.00) DC				
	3RD HIGHEST VALUE IS	34.56805 AT (	432011.44,	3720873.33,	86.61,
	109.90, 0.00) DC				
	4TH HIGHEST VALUE IS	31.63131 AT (	431795.56,	3720851.94,	97.59,
	110.23, 0.00) DC				
	5TH HIGHEST VALUE IS	30.83114 AT (	432052.07,	3720849.95,	87.27,
	109.90, 0.00) DC				
	6TH HIGHEST VALUE IS	28.26443 AT (	432095.01,	3720762.16,	88.28,
	89.52, 0.00) DC				
	7TH HIGHEST VALUE IS	26.60660 AT (	432084.66,	3720824.64,	87.43,
	87.43, 0.00) DC				
	8TH HIGHEST VALUE IS	26.23285 AT (	431864.43,	3720908.43,	82.71,
	124.06, 0.00) DC				
	9TH HIGHEST VALUE IS	22.43299 AT (	431746.87,	3720630.10,	108.39,
	108.39, 0.00) DC				
	10TH HIGHEST VALUE IS	20.28577 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
VOL9	1ST HIGHEST VALUE IS	460.27269 AT (	431824.47,	3720637.57,	107.74,
110.43,	0.00) DC				
	2ND HIGHEST VALUE IS	70.21892 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
	3RD HIGHEST VALUE IS	64.36158 AT (	431808.02,	3720544.24,	103.88,
	126.84, 0.00) DC				
	4TH HIGHEST VALUE IS	62.63547 AT (	431746.87,	3720630.10,	108.39,
	108.39, 0.00) DC				
	5TH HIGHEST VALUE IS	61.01708 AT (	431769.86,	3720571.04,	106.99,
	126.84, 0.00) DC				
	6TH HIGHEST VALUE IS	57.13748 AT (	431845.13,	3720523.74,	102.72,
	125.73, 0.00) DC				
	7TH HIGHEST VALUE IS	45.49006 AT (	431848.44,	3720506.30,	102.31,
	125.73, 0.00) DC				
	8TH HIGHEST VALUE IS	41.75283 AT (	431720.72,	3720650.84,	110.87,
	111.98, 0.00) DC				
	9TH HIGHEST VALUE IS	40.65484 AT (	431718.91,	3720636.87,	110.97,
	110.97, 0.00) DC				
	10TH HIGHEST VALUE IS	38.84191 AT (	431818.11,	3720498.90,	104.44,
	126.84, 0.00) DC				
ALL	1ST HIGHEST VALUE IS	2429.63864 AT (	431824.47,	3720637.57,	107.74,
110.43,	0.00) DC				
	2ND HIGHEST VALUE IS	1794.89808 AT (	431839.58,	3720538.42,	103.19,
	125.73, 0.00) DC				
	3RD HIGHEST VALUE IS	1666.43419 AT (	431845.13,	3720523.74,	102.72,
	125.73, 0.00) DC				
	4TH HIGHEST VALUE IS	1647.88334 AT (	432072.45,	3720450.37,	95.23,
	100.93, 0.00) DC				
	5TH HIGHEST VALUE IS	1633.13824 AT (	432081.39,	3720459.96,	95.43,
	100.93, 0.00) DC				
	6TH HIGHEST VALUE IS	1476.96981 AT (	431848.44,	3720506.30,	102.31,
	125.73, 0.00) DC				
	7TH HIGHEST VALUE IS	1366.42547 AT (	432046.42,	3720409.11,	94.03,
	111.43, 0.00) DC				
	8TH HIGHEST VALUE IS	1329.31000 AT (	431852.07,	3720489.04,	101.72,
	126.84, 0.00) DC				
	9TH HIGHEST VALUE IS	1286.70633 AT (	431808.02,	3720544.24,	103.88,
	126.84, 0.00) DC				
	10TH HIGHEST VALUE IS	1275.30631 AT (	432108.76,	3720473.97,	93.38,
	100.99, 0.00) DC				

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR

DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN
MICROGRAMS/M**3 **

GROUP ID	DATE	NETWORK
ZELEV, ZHILL, ZFLAG) OF TYPE AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,		
GRID-ID		
VOL1 HIGH 1ST HIGH VALUE IS 764.09778 ON 19020217: AT (431672.47, 3720800.08,		
108.80, 114.76, 0.00) DC		
VOL10 HIGH 1ST HIGH VALUE IS 399.98361 ON 17011216: AT (431824.47, 3720637.57,		
107.74, 110.43, 0.00) DC		
VOL11 HIGH 1ST HIGH VALUE IS 1366.88428 ON 20090918: AT (431824.47, 3720637.57,		
107.74, 110.43, 0.00) DC		
VOL12 HIGH 1ST HIGH VALUE IS 1968.42197 ON 17091907: AT (431824.47, 3720637.57,		
107.74, 110.43, 0.00) DC		
VOL13 HIGH 1ST HIGH VALUE IS 1222.08230 ON 17091907: AT (431824.47, 3720637.57,		
107.74, 110.43, 0.00) DC		
VOL14 HIGH 1ST HIGH VALUE IS 1073.75838 ON 17011216: AT (431839.58, 3720538.42,		
103.19, 125.73, 0.00) DC		
VOL15 HIGH 1ST HIGH VALUE IS 800.84086 ON 17011216: AT (431845.13, 3720523.74,		
102.72, 125.73, 0.00) DC		
VOL16 HIGH 1ST HIGH VALUE IS 658.96278 ON 17011216: AT (431852.07, 3720489.04,		
101.72, 126.84, 0.00) DC		
VOL17 HIGH 1ST HIGH VALUE IS 541.04620 ON 19013117: AT (431852.07, 3720489.04,		
101.72, 126.84, 0.00) DC		
VOL18 HIGH 1ST HIGH VALUE IS 597.97694 ON 21101617: AT (432046.42, 3720409.11,		
94.03, 111.43, 0.00) DC		
VOL19 HIGH 1ST HIGH VALUE IS 1067.73731 ON 21101617: AT (432046.42, 3720409.11,		
94.03, 111.43, 0.00) DC		
VOL2 HIGH 1ST HIGH VALUE IS 1256.76413 ON 17011216: AT (431709.90, 3720687.81,		
110.76, 118.81, 0.00) DC		
VOL20 HIGH 1ST HIGH VALUE IS 963.78267 ON 21101617: AT (432081.39, 3720459.96,		
95.43, 100.93, 0.00) DC		
VOL21 HIGH 1ST HIGH VALUE IS 864.33131 ON 21021017: AT (432072.45, 3720450.37,		
95.23, 100.93, 0.00) DC		

VOL5 HIGH 1ST HIGH VALUE IS 716.55163 ON 19020216: AT (431824.47, 3720637.57,
107.74, 110.43, 0.00) DC

VOL6 HIGH 1ST HIGH VALUE IS 1292.22962 ON 17091907: AT (431828.48, 3720830.29,
96.22, 114.81, 0.00) DC

VOL7 HIGH 1ST HIGH VALUE IS 967.98461 ON 19021217: AT (431828.48, 3720830.29,
96.22, 114.81, 0.00) DC

VOL8 HIGH 1ST HIGH VALUE IS 431.49301 ON 17091907: AT (431828.48, 3720830.29,
96.22, 114.81, 0.00) DC

VOL9 HIGH 1ST HIGH VALUE IS 1587.24043 ON 17011216: AT (431824.47, 3720637.57,
107.74, 110.43, 0.00) DC

ALL HIGH 1ST HIGH VALUE IS 6670.69673 ON 17091907: AT (431824.47, 3720637.57,
107.74, 110.43, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT 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 2 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W186 164 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50

ME W187 164 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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APPENDIX 2.5:

HARP MODEL OUTPUTS & RISK CALCULATIONS

*HARP - HRACalc v22118 2/28/2025 10:30:43 AM - Cancer Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\16380 Terravita\HARP\16380 OPS\hra\ResidentHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		431824.5	3720638	7.36E-06	30YrCance	7.00E-06	2.64E-07	2.79E-08	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		431839.6	3720538	5.44E-06	30YrCance	5.17E-06	1.95E-07	2.06E-08	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		431848.4	3720506	4.47E-06	30YrCance	4.25E-06	1.61E-07	1.69E-08	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		431808	3720544	3.90E-06	30YrCance	3.70E-06	1.40E-07	1.48E-08	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		432072.5	3720450	4.99E-06	30YrCance	4.74E-06	1.79E-07	1.89E-08	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		432046.4	3720409	4.14E-06	30YrCance	3.93E-06	1.49E-07	1.57E-08	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		432081.4	3720460	4.95E-06	30YrCance	4.70E-06	1.78E-07	1.87E-08	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		432108.8	3720474	3.86E-06	30YrCance	3.67E-06	1.39E-07	1.46E-08	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		431818.1	3720499	3.20E-06	30YrCance	3.04E-06	1.15E-07	1.21E-08	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		431824.9	3720465	2.72E-06	30YrCance	2.59E-06	9.77E-08	1.03E-08	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		431746.9	3720630	3.42E-06	30YrCance	3.25E-06	1.23E-07	1.29E-08	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		431718.9	3720637	2.75E-06	30YrCance	2.61E-06	9.86E-08	1.04E-08	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		431769.9	3720571	3.06E-06	30YrCance	2.91E-06	1.10E-07	1.16E-08	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		431828.5	3720830	3.47E-06	30YrCance	3.30E-06	1.25E-07	1.31E-08	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		431795.6	3720852	2.44E-06	30YrCance	2.32E-06	8.76E-08	9.24E-09	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		431709.9	3720688	3.57E-06	30YrCance	3.40E-06	1.28E-07	1.35E-08	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		431720.7	3720651	3.06E-06	30YrCance	2.91E-06	1.10E-07	1.16E-08	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		431690.1	3720613	1.94E-06	30YrCance	1.85E-06	6.97E-08	7.36E-09	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		431685.6	3720648	2.12E-06	30YrCance	2.01E-06	7.60E-08	8.01E-09	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		431653.1	3720715	1.73E-06	30YrCance	1.64E-06	6.21E-08	6.55E-09	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		431660.8	3720740	1.91E-06	30YrCance	1.82E-06	6.86E-08	7.24E-09	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		431667.1	3720767	2.02E-06	30YrCance	1.92E-06	7.24E-08	7.64E-09	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		431672.5	3720800	1.90E-06	30YrCance	1.81E-06	6.82E-08	7.20E-09	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		431676.1	3720826	1.67E-06	30YrCance	1.59E-06	6.01E-08	6.34E-09	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		431680.1	3720852	1.45E-06	30YrCance	1.38E-06	5.22E-08	5.50E-09	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		433382.6	3721167	7.43E-08	30YrCance	7.07E-08	2.67E-09	2.81E-10	7.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		433341.2	3721248	7.51E-08	30YrCance	7.14E-08	2.70E-09	2.84E-10	7.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		433323.1	3721251	7.64E-08	30YrCance	7.26E-08	2.74E-09	2.89E-10	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		432993	3721125	1.17E-07	30YrCance	1.12E-07	4.21E-09	4.44E-10	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		432819.8	3721276	1.32E-07	30YrCance	1.26E-07	4.76E-09	5.02E-10	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		432735.5	3721288	1.46E-07	30YrCance	1.39E-07	5.23E-09	5.52E-10	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		432701.7	3721286	1.52E-07	30YrCance	1.45E-07	5.46E-09	5.77E-10	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		432888.8	3721185	1.30E-07	30YrCance	1.23E-07	4.66E-09	4.92E-10	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		432798.7	3721183	1.46E-07	30YrCance	1.39E-07	5.26E-09	5.54E-10	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		432741.4	3721202	1.56E-07	30YrCance	1.48E-07	5.60E-09	5.91E-10	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		432669.7	3721212	1.71E-07	30YrCance	1.62E-07	6.13E-09	6.47E-10	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		432802.7	3721413	1.21E-07	30YrCance	1.15E-07	4.33E-09	4.57E-10	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		432674.6	3721291	1.57E-07	30YrCance	1.49E-07	5.63E-09	5.94E-10	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		432613.3	3721308	1.66E-07	30YrCance	1.58E-07	5.97E-09	6.30E-10	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		432550.6	3721319	1.78E-07	30YrCance	1.69E-07	6.39E-09	6.74E-10	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		432615.1	3721233	1.80E-07	30YrCance	1.71E-07	6.47E-09	6.83E-10	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		432534.8	3721219	2.05E-07	30YrCance	1.95E-07	7.37E-09	7.77E-10	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		432382	3721247	2.45E-07	30YrCance	2.33E-07	8.79E-09	9.27E-10	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		432414	3721344	2.03E-07	30YrCance	1.93E-07	7.29E-09	7.69E-10	1.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		432490.2	3721331	1.89E-07	30YrCance	1.79E-07	6.77E-09	7.14E-10	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

46			432375.7	3721348	2.11E-07	30YrCance	2.01E-07	7.57E-09	7.99E-10	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		432365.7	3721270	2.41E-07	30YrCance	2.29E-07	8.64E-09	9.12E-10	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		432314.8	3721271	2.56E-07	30YrCance	2.43E-07	9.17E-09	9.68E-10	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		432246.7	3721271	2.75E-07	30YrCance	2.61E-07	9.87E-09	1.04E-09	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		432302.6	3721208	2.91E-07	30YrCance	2.76E-07	1.04E-08	1.10E-09	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		432234.1	3721217	3.11E-07	30YrCance	2.96E-07	1.12E-08	1.18E-09	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		432247.1	3721360	2.34E-07	30YrCance	2.23E-07	8.40E-09	8.87E-10	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		432356.7	3721353	2.14E-07	30YrCance	2.03E-07	7.68E-09	8.10E-10	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		432289.1	3721101	3.65E-07	30YrCance	3.47E-07	1.31E-08	1.38E-09	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		432217.8	3721122	3.92E-07	30YrCance	3.72E-07	1.41E-08	1.48E-09	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		432214.7	3721047	4.68E-07	30YrCance	4.45E-07	1.68E-08	1.77E-09	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		432280	3721040	4.24E-07	30YrCance	4.03E-07	1.52E-08	1.61E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		432195.3	3720984	5.77E-07	30YrCance	5.49E-07	2.07E-08	2.19E-09	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		432188.1	3720944	6.57E-07	30YrCance	6.24E-07	2.36E-08	2.49E-09	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		432244	3720809	7.97E-07	30YrCance	7.58E-07	2.86E-08	3.02E-09	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		432150.6	3720733	1.53E-06	30YrCance	1.45E-06	5.48E-08	5.78E-09	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		432249.8	3720693	1.01E-06	30YrCance	9.57E-07	3.61E-08	3.81E-09	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		432207	3720559	1.55E-06	30YrCance	1.47E-06	5.56E-08	5.87E-09	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		432232.7															

[illegible]

*HARP - HRACalc v22118 2/28/2025 10:30:43 AM - Acute Risk - Input File: C:\Users\Michael Tirohn\Desktop\VRAs\16380 Terravita\HARP\16380 OPS\hra\ResidentHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		431824.5	3720638	NonCancer	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.12E-04	0.00E+00	4.51E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
2	ALL		431839.6	3720538	NonCancer	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.88E-03	3.06E-04	0.00E+00	2.70E-03	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.88E-03
3	ALL		431848.4	3720506	NonCancer	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.55E-03	2.61E-04	0.00E+00	2.30E-03	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.55E-03
4	ALL		431808	3720544	NonCancer	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.05E-03	2.43E-04	0.00E+00	2.14E-03	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.05E-03
5	ALL		432072.5	3720450	NonCancer	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.23E-03	3.19E-04	0.00E+00	2.81E-03	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.23E-03
6	ALL		432046.4	3720409	NonCancer	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.43E-03	2.57E-04	0.00E+00	2.26E-03	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.43E-03
7	ALL		432081.4	3720460	NonCancer	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.33E-03	3.22E-04	0.00E+00	2.84E-03	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.33E-03
8	ALL		432108.8	3720474	NonCancer	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.85E-03	2.71E-04	0.00E+00	2.39E-03	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.85E-03
9	ALL		431818.1	3720499	NonCancer	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.94E-03	2.05E-04	0.00E+00	1.81E-03	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.94E-03
10	ALL		431824.9	3720465	NonCancer	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.43E-03	1.87E-04	0.00E+00	1.65E-03	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.43E-03
11	ALL		431746.9	3720630	NonCancer	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.39E-03	2.55E-04	0.00E+00	2.25E-03	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.39E-03
12	ALL		431718.9	3720637	NonCancer	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.91E-03	2.38E-04	0.00E+00	2.10E-03	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.91E-03
13	ALL		431769.9	3720571	NonCancer	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.51E-03	2.25E-04	0.00E+00	1.98E-03	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.51E-03
14	ALL		431828.5	3720830	NonCancer	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	7.36E-03	2.54E-04	0.00E+00	2.24E-03	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	7.36E-03
15	ALL		431795.6	3720852	NonCancer	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.71E-03	1.97E-04	0.00E+00	1.74E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.71E-03
16	ALL		431709.9	3720688	NonCancer	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.96E-03	2.75E-04	0.00E+00	2.42E-03	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.96E-03
17	ALL		431720.7	3720651	NonCancer	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.40E-03	2.55E-04	0.00E+00	2.25E-03	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.40E-03
18	ALL		431690.1	3720613	NonCancer	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.61E-03	1.94E-04	0.00E+00	1.71E-03	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.61E-03
19	ALL		431685.6	3720648	NonCancer	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.13E-03	2.11E-04	0.00E+00	1.86E-03	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.13E-03
20	ALL		431653.1	3720715	NonCancer	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.23E-03	2.15E-04	0.00E+00	1.89E-03	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.23E-03
21	ALL		431660.8	3720740	NonCancer	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.31E-03	2.18E-04	0.00E+00	1.92E-03	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.31E-03
22	ALL		431667.1	3720767	NonCancer	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.01E-03	2.07E-04	0.00E+00	1.83E-03	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.01E-03
23	ALL		431672.5	3720800	NonCancer	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.42E-03	1.87E-04	0.00E+00	1.65E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.42E-03
24	ALL		431676.1	3720826	NonCancer	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.59E-03	1.58E-04	0.00E+00	1.40E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.59E-03
25	ALL		431680.1	3720852	NonCancer	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.99E-03	1.38E-04	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.99E-03
26	ALL		433382.6	3721167	NonCancer	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04	5.45E-06	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
27	ALL		433341.2	3721248	NonCancer	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.56E-04	5.38E-06	0.00E+00	4.74E-05	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.56E-04
28	ALL		433323.1	3721251	NonCancer	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.58E-04	5.45E-06	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.58E-04
29	ALL		432993	3721125	NonCancer	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04	8.92E-06	0.00E+00	7.86E-05	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04
30	ALL		432819.8	3721276	NonCancer	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04	1.06E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
31	ALL		432735.5	3721288	NonCancer	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.22E-04	1.11E-05	0.00E+00	9.78E-05	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.22E-04
32	ALL		432701.7	3721286	NonCancer	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.38E-04	1.17E-05	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.38E-04
33	ALL		432888.8	3721185	NonCancer	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.06E-04	1.06E-05	0.00E+00	9.30E-05	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.06E-04
34	ALL		432798.7	3721183	NonCancer	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.56E-04	1.23E-05	0.00E+00	1.08E-04	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.56E-04
35	ALL		432741.4	3721202	NonCancer	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.73E-04	1.29E-05	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.73E-04
36	ALL		432669.7	3721212	NonCancer	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.88E-04	1.34E-05	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.88E-04
37	ALL		432802.7	3721413	NonCancer	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	2.69E-04	9.28E-06	0.00E+00	8.18E-05	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	2.69E-04
38	ALL		432674.6	3721291	NonCancer	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.55E-04	1.22E-05	0.00E+00	1.08E-04	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.55E-04
39	ALL		432613.3	3721308	NonCancer	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.01E-04	1.38E-05	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.01E-04
40	ALL		432550.6	3721319	NonCancer	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.56E-04	1.58E-05	0.00E+00	1.39E-04	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.56E-04
41	ALL		432615.1	3721233	NonCancer	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.12E-04	1.42E-05	0.00E+00	1.25E-04	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.12E-04
42	ALL		432534.8	3721219	NonCancer	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.96E-04	1.71E-05	0.00E+00	1.51E-04	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.96E-04
43	ALL		432382	3721247	NonCancer	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.69E-04	2.31E-05	0.00E+00	2.03E-04	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.69E-04
44	ALL		432414	3721344	NonCancer	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.81E-04	2.01E-05	0.00E+00	1.77E-04	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.81E-04
45	ALL		432490.2	3721331	NonCancer	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.09E-04	1.76E-05	0.00E+00	1.55E-04	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.09E-04
46	ALL		432375.7	3721348	NonCancer	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.18E-04	2.13E-05	0.00E+00	1.88E-04	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.18E-04
47	ALL		432365.7	3721270	NonCancer	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.70E-04	2.31E-05	0.00E+00	2.04E-04	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.70E-04
48	ALL		432314.8	3721271	NonCancer	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.20E-04	2.48E-05	0.00E+00	2.19E-04	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.20E-04
49	ALL		432246.7	3721271	NonCancer	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00										

51 ALL	432234.1	3721217	NonCancer	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.42E-04	2.91E-05	0.00E+00	2.56E-04	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.42E-04
52 ALL	432247.1	3721360	NonCancer	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.14E-04	2.46E-05	0.00E+00	2.17E-04	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.14E-04
53 ALL	432356.7	3721353	NonCancer	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.32E-04	2.18E-05	0.00E+00	1.92E-04	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.32E-04
54 ALL	432289.1	3721101	NonCancer	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.32E-04	3.22E-05	0.00E+00	2.83E-04	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.32E-04
55 ALL	432217.8	3721122	NonCancer	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.03E-03	3.54E-05	0.00E+00	3.12E-04	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.03E-03
56 ALL	432214.7	3721047	NonCancer	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.04E-05	0.00E+00	3.56E-04	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
57 ALL	432280	3721040	NonCancer	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03	3.63E-05	0.00E+00	3.20E-04	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
58 ALL	432195.3	3720984	NonCancer	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.40E-03	4.83E-05	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.40E-03
59 ALL	432188.1	3720944	NonCancer	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03	5.53E-05	0.00E+00	4.87E-04	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
60 ALL	432244	3720809	NonCancer	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.95E-03	6.71E-05	0.00E+00	5.91E-04	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.95E-03
61 ALL	432150.6	3720733	NonCancer	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.62E-03	1.25E-04	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.62E-03
62 ALL	432249.8	3720693	NonCancer	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.62E-03	9.04E-05	0.00E+00	7.96E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.62E-03
63 ALL	432207	3720559	NonCancer	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.64E-03	1.26E-04	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.64E-03
64 ALL	432232.7	3720348	NonCancer	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.84E-03	6.35E-05	0.00E+00	5.59E-04	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.84E-03
65 ALL	432180.4	3720351	NonCancer	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.53E-03	8.72E-05	0.00E+00	7.68E-04	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.53E-03
66 ALL	432183.1	3720281	NonCancer	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.03E-03	6.99E-05	0.00E+00	6.16E-04	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.03E-03
67 ALL	432236.8	3720647	NonCancer	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03	1.02E-04	0.00E+00	8.97E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03
68 ALL	432042.8	3720348	NonCancer	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.64E-03	1.60E-04	0.00E+00	1.41E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.64E-03
69 ALL	431941.4	3720348	NonCancer	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.66E-03	1.61E-04	0.00E+00	1.42E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.66E-03
70 ALL	431888.6	3720357	NonCancer	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.34E-03	1.50E-04	0.00E+00	1.32E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.34E-03
71 ALL	431923.3	3720345	NonCancer	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.47E-03	1.54E-04	0.00E+00	1.36E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.47E-03
72 ALL	431907.1	3720353	NonCancer	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.38E-03	1.51E-04	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.38E-03
73 ALL	431851.2	3720361	NonCancer	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.37E-03	1.51E-04	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.37E-03
74 ALL	431852.2	3720442	NonCancer	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.13E-03	1.77E-04	0.00E+00	1.56E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.13E-03
75 ALL	431852.1	3720489	NonCancer	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.86E-03	2.37E-04	0.00E+00	2.08E-03	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.86E-03
76 ALL	431845.1	3720524	NonCancer	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.38E-03	2.89E-04	0.00E+00	2.55E-03	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.38E-03
77 ALL	431823.3	3720474	NonCancer	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.55E-03	1.92E-04	0.00E+00	1.69E-03	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.55E-03
78 ALL	431823.9	3720458	NonCancer	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.26E-03	1.82E-04	0.00E+00	1.60E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.26E-03
79 ALL	431793.3	3720942	NonCancer	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03	1.02E-04	0.00E+00	8.97E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03
80 ALL	431690.6	3720987	NonCancer	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.01E-03	6.92E-05	0.00E+00	6.10E-04	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.01E-03
81 ALL	431681	3720921	NonCancer	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03	9.50E-05	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
82 ALL	432011.4	3720873	NonCancer	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.21E-03	1.11E-04	0.00E+00	9.76E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.21E-03
83 ALL	432052.1	3720850	NonCancer	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.27E-03	1.13E-04	0.00E+00	9.94E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.27E-03
84 ALL	432084.7	3720825	NonCancer	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.33E-03	1.15E-04	0.00E+00	1.01E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.33E-03
85 ALL	432095	3720762	NonCancer	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.13E-03	1.42E-04	0.00E+00	1.25E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.13E-03
86 ALL	432128	3720889	NonCancer	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.33E-03	8.03E-05	0.00E+00	7.08E-04	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.33E-03
87 ALL	432095.8	3720936	NonCancer	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.06E-03	7.11E-05	0.00E+00	6.26E-04	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.06E-03
88 ALL	431860.1	3720942	NonCancer	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03	9.43E-05	0.00E+00	8.31E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
89 ALL	431774.9	3721019	NonCancer	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.86E-03	6.40E-05	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.86E-03
90 ALL	431864.4	3720908	NonCancer	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.40E-03	1.17E-04	0.00E+00	1.03E-03	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.40E-03
91 ALL	431846.9	3720965	NonCancer	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03	8.50E-05	0.00E+00	7.49E-04	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
92 ALL	431144.8	3719946	NonCancer	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.07E-04	2.79E-05	0.00E+00	2.45E-04	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.07E-04
93 ALL	431157.2	3719933	NonCancer	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.06E-04	2.78E-05	0.00E+00	2.45E-04	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.06E-04
94 ALL	431994.4	3719147	NonCancer	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.84E-04	2.36E-05	0.00E+00	2.08E-04	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.84E-04
95 ALL	431999.7	3719121	NonCancer	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.70E-04	2.31E-05	0.00E+00	2.04E-04	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.70E-04
96 ALL	434516.5	3720617	NonCancer	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04	7.57E-06	0.00E+00	6.67E-05	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
97 ALL	434406.1	3720633	NonCancer	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04	7.19E-06	0.00E+00	6.34E-05	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04

*HARP - HRACalc v22118 2/28/2025 10:30:43 AM - Chronic Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRA\16380 Terravita\HARP\16380 OPS\hra\ResidentHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GLV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		431824.5	3720638	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.36E-06	8.36E-06	1.82E-03	4.65E-03	0.00E+00	0.00E+00	0.00E+00	8.36E-06	1.94E-02	0.00E+00	0.00E+00	1.94E-02
2	ALL		431839.6	3720538	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.17E-06	6.17E-06	1.34E-03	3.43E-03	0.00E+00	0.00E+00	0.00E+00	6.17E-06	1.43E-02	0.00E+00	0.00E+00	1.43E-02
3	ALL		431848.4	3720506	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.08E-06	5.08E-06	1.10E-03	2.83E-03	0.00E+00	0.00E+00	0.00E+00	5.08E-06	1.18E-02	0.00E+00	0.00E+00	1.18E-02
4	ALL		431808	3720544	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.43E-06	4.43E-06	9.62E-04	2.46E-03	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.03E-02	0.00E+00	0.00E+00	1.03E-02
5	ALL		432072.5	3720450	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.67E-06	5.67E-06	1.23E-03	3.15E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-06	1.32E-02	0.00E+00	0.00E+00	1.32E-02
6	ALL		432046.4	3720409	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.70E-06	4.70E-06	1.02E-03	2.61E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.09E-02	0.00E+00	0.00E+00	1.09E-02
7	ALL		432081.4	3720460	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.62E-06	5.62E-06	1.22E-03	3.12E-03	0.00E+00	0.00E+00	0.00E+00	5.62E-06	1.30E-02	0.00E+00	0.00E+00	1.30E-02
8	ALL		432108.8	3720474	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.39E-06	4.39E-06	9.54E-04	2.44E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
9	ALL		431818.1	3720499	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.64E-06	3.64E-06	7.90E-04	2.02E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-06	8.44E-03	0.00E+00	0.00E+00	8.44E-03
10	ALL		431824.9	3720465	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.09E-06	3.09E-06	6.72E-04	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-06	7.17E-03	0.00E+00	0.00E+00	7.17E-03
11	ALL		431746.9	3720630	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.88E-06	3.88E-06	8.44E-04	2.16E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-06	9.01E-03	0.00E+00	0.00E+00	9.01E-03
12	ALL		431718.9	3720637	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.12E-06	3.12E-06	6.78E-04	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-06	7.24E-03	0.00E+00	0.00E+00	7.24E-03
13	ALL		431769.9	3720571	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.48E-06	3.48E-06	7.56E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-06	8.07E-03	0.00E+00	0.00E+00	8.07E-03
14	ALL		431828.5	3720830	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.94E-06	3.94E-06	8.57E-04	2.19E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-06	9.14E-03	0.00E+00	0.00E+00	9.14E-03
15	ALL		431795.6	3720852	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.77E-06	2.77E-06	6.03E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-06	6.43E-03	0.00E+00	0.00E+00	6.43E-03
16	ALL		431709.9	3720688	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.06E-06	4.06E-06	8.83E-04	2.26E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-06	9.42E-03	0.00E+00	0.00E+00	9.42E-03
17	ALL		431720.7	3720651	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.48E-06	3.48E-06	7.56E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-06	8.07E-03	0.00E+00	0.00E+00	8.07E-03
18	ALL		431690.1	3720613	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.21E-06	2.21E-06	4.80E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-06	5.12E-03	0.00E+00	0.00E+00	5.12E-03
19	ALL		431685.6	3720648	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.40E-06	2.40E-06	5.23E-04	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-06	5.58E-03	0.00E+00	0.00E+00	5.58E-03
20	ALL		431653.1	3720715	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.96E-06	1.96E-06	4.27E-04	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-06	4.56E-03	0.00E+00	0.00E+00	4.56E-03
21	ALL		431660.8	3720740	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.17E-06	2.17E-06	4.72E-04	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-06	5.04E-03	0.00E+00	0.00E+00	5.04E-03
22	ALL		431667.1	3720767	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	4.98E-04	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
23	ALL		431672.5	3720800	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.16E-06	2.16E-06	4.69E-04	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-06	5.01E-03	0.00E+00	0.00E+00	5.01E-03
24	ALL		431676.1	3720826	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.90E-06	1.90E-06	4.14E-04	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-06	4.41E-03	0.00E+00	0.00E+00	4.41E-03
25	ALL		431680.1	3720852	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-06	1.65E-06	3.59E-04	9.18E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-06	3.83E-03	0.00E+00	0.00E+00	3.83E-03
26	ALL		433382.6	3721167	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.44E-08	8.44E-08	1.84E-05	4.69E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-08	1.96E-04	0.00E+00	0.00E+00	1.96E-04
27	ALL		433341.2	3721248	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.53E-08	8.53E-08	1.85E-05	4.74E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-08	1.98E-04	0.00E+00	0.00E+00	1.98E-04
28	ALL		433323.1	3721251	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.67E-08	8.67E-08	1.89E-05	4.82E-05	0.00E+00	0.00E+00	0.00E+00	8.67E-08	2.01E-04	0.00E+00	0.00E+00	2.01E-04
29	ALL		432993	3721125	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.33E-07	1.33E-07	2.90E-05	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
30	ALL		432819.8	3721276	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.50E-07	1.50E-07	3.27E-05	8.37E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
31	ALL		432735.5	3721288	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-07	1.65E-07	3.60E-05	9.20E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
32	ALL		432701.7	3721286	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.73E-07	1.73E-07	3.76E-05	9.62E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-07	4.01E-04	0.00E+00	0.00E+00	4.01E-04
33	ALL		432888.8	3721185	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.47E-07	1.47E-07	3.21E-05	8.20E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-07	3.42E-04	0.00E+00	0.00E+00	3.42E-04
34	ALL		432798.7	3721183	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.66E-07	1.66E-07	3.62E-05	9.25E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-07	3.86E-04	0.00E+00	0.00E+00	3.86E-04
35	ALL		432741.4	3721202	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.77E-07	1.77E-07	3.85E-05	9.85E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-07	4.11E-04	0.00E+00	0.00E+00	4.11E-04
36	ALL		432669.7	3721212	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.94E-07	1.94E-07	4.22E-05	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-07	4.50E-04	0.00E+00	0.00E+00	4.50E-04
37	ALL		432802.7	3721413	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.37E-07	1.37E-07	2.98E-05	7.62E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-07	3.18E-04	0.00E+00	0.00E+00	3.18E-04
38	ALL		432674.6	3721291	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.78E-07	1.78E-07	3.87E-05	9.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-07	4.13E-04	0.00E+00	0.00E+00	4.13E-04
39	ALL		432613.3	3721308	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.89E-07	1.89E-07	4.11E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-07	4.39E-04	0.00E+00	0.00E+00	4.39E-04
40	ALL		432550.6	3721319	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.02E-07	2.02E-07	4.40E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-07	4.69E-04	0.00E+00	0.00E+00	4.69E-04
41	ALL		432615.1	3721233	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.05E-07	2.05E-07	4.45E-05	1.14E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-07	4.75E-04	0.00E+00	0.00E+00	4.75E-04
42	ALL		432534.8	3721219	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.33E-07	2.33E-07	5.07E-05	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-07	5.41E-04	0.00E+00	0.00E+00	5.41E-04
43	ALL		432382	3721247	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.78E-07	2.78E-07	6.05E-05	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-07	6.45E-04	0.00E+00	0.00E+00	6.45E-04
44	ALL		432414	3721344	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.31E-07	2.31E-07	5.01E-05	1.28E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-07	5.35E-04	0.00E+00	0.00E+00	5.35E-04
45	ALL		432490.2	3721331	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.14E-07	2.14E-07	4.66E-05	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-07	4.97E-04	0.00E+00	0.00E+00	4.97E-04
46	ALL		432375.7	3721348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.40E-07	2.40E-07	5.21E-05	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-07	5.56E-04	0.00E+00	0.00E+00	5.56E-04
47	ALL		432365.7	3721270	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.73E-07	2.73E-07	5.95E-05	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-07	6.35E-04	0.00E+00	0.00E+00	6.35E-04
48	ALL		432314.8	3721271	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.90E-07	2.90E-07	6.31E-05	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-07	6.74E-04	0.00E+00	0.00E+00	6.74E-04
49	ALL		432246.7	3721271	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.12E-07	3.12E										

51 ALL	432234.1	3721217	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.53E-07	3.53E-07	7.68E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.53E-07	8.20E-04	0.00E+00	0.00E+00	8.20E-04
52 ALL	432247.1	3721360	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.66E-07	2.66E-07	5.78E-05	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-07	6.17E-04	0.00E+00	0.00E+00	6.17E-04
53 ALL	432356.7	3721353	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.43E-07	2.43E-07	5.28E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-07	5.64E-04	0.00E+00	0.00E+00	5.64E-04
54 ALL	432289.1	3721101	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.15E-07	4.15E-07	9.01E-05	2.31E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-07	9.62E-04	0.00E+00	0.00E+00	9.62E-04
55 ALL	432217.8	3721122	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.45E-07	4.45E-07	9.67E-05	2.47E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-07	1.03E-03	0.00E+00	0.00E+00	1.03E-03
56 ALL	432214.7	3721047	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.31E-07	5.31E-07	1.16E-04	2.96E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-07	1.23E-03	0.00E+00	0.00E+00	1.23E-03
57 ALL	432280	3721040	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.81E-07	4.81E-07	1.05E-04	2.68E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-07	1.12E-03	0.00E+00	0.00E+00	1.12E-03
58 ALL	432195.3	3720984	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.55E-07	6.55E-07	1.42E-04	3.64E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-07	1.52E-03	0.00E+00	0.00E+00	1.52E-03
59 ALL	432188.1	3720944	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.46E-07	7.46E-07	1.62E-04	4.15E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-07	1.73E-03	0.00E+00	0.00E+00	1.73E-03
60 ALL	432244	3720809	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.06E-07	9.06E-07	1.97E-04	5.04E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-07	2.10E-03	0.00E+00	0.00E+00	2.10E-03
61 ALL	432150.6	3720733	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.73E-06	1.73E-06	3.77E-04	9.64E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-06	4.02E-03	0.00E+00	0.00E+00	4.02E-03
62 ALL	432249.8	3720693	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.14E-06	1.14E-06	2.49E-04	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
63 ALL	432207	3720559	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.76E-06	1.76E-06	3.83E-04	9.79E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-06	4.08E-03	0.00E+00	0.00E+00	4.08E-03
64 ALL	432232.7	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.05E-06	1.05E-06	2.29E-04	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
65 ALL	432180.4	3720351	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.35E-06	1.35E-06	2.93E-04	7.49E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-06	3.13E-03	0.00E+00	0.00E+00	3.13E-03
66 ALL	432183.1	3720281	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.02E-06	1.02E-06	2.23E-04	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
67 ALL	432236.8	3720647	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.32E-06	1.32E-06	2.87E-04	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
68 ALL	432042.8	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.64E-06	2.64E-06	5.74E-04	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-06	6.13E-03	0.00E+00	0.00E+00	6.13E-03
69 ALL	431941.4	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.48E-06	2.48E-06	5.39E-04	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-06	5.76E-03	0.00E+00	0.00E+00	5.76E-03
70 ALL	431888.6	3720357	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.22E-06	2.22E-06	4.82E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-06	5.14E-03	0.00E+00	0.00E+00	5.14E-03
71 ALL	431923.3	3720345	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.20E-06	2.20E-06	4.79E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-06	5.11E-03	0.00E+00	0.00E+00	5.11E-03
72 ALL	431907.1	3720353	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	4.98E-04	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
73 ALL	431851.2	3720361	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.90E-06	1.90E-06	4.12E-04	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-06	4.40E-03	0.00E+00	0.00E+00	4.40E-03
74 ALL	431852.2	3720442	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.33E-06	3.33E-06	7.24E-04	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-06	7.73E-03	0.00E+00	0.00E+00	7.73E-03
75 ALL	431852.1	3720489	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.57E-06	4.57E-06	9.94E-04	2.54E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.06E-02	0.00E+00	0.00E+00	1.06E-02
76 ALL	431845.1	3720524	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.73E-06	5.73E-06	1.25E-03	3.19E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-06	1.33E-02	0.00E+00	0.00E+00	1.33E-02
77 ALL	431823.3	3720474	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.23E-06	3.23E-06	7.02E-04	1.79E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-06	7.49E-03	0.00E+00	0.00E+00	7.49E-03
78 ALL	431823.9	3720458	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.94E-06	2.94E-06	6.39E-04	1.64E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-06	6.82E-03	0.00E+00	0.00E+00	6.82E-03
79 ALL	431793.3	3720942	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.31E-06	1.31E-06	2.84E-04	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03
80 ALL	431690.6	3720987	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.14E-07	8.14E-07	1.77E-04	4.53E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-07	1.89E-03	0.00E+00	0.00E+00	1.89E-03
81 ALL	431681	3720921	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.11E-06	1.11E-06	2.41E-04	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-06	2.57E-03	0.00E+00	0.00E+00	2.57E-03
82 ALL	432011.4	3720873	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-06	1.65E-06	3.58E-04	9.17E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-06	3.82E-03	0.00E+00	0.00E+00	3.82E-03
83 ALL	432052.1	3720850	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.63E-06	1.63E-06	3.54E-04	9.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
84 ALL	432084.7	3720825	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.62E-06	1.62E-06	3.52E-04	9.01E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-06	3.76E-03	0.00E+00	0.00E+00	3.76E-03
85 ALL	432095	3720762	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.06E-06	2.06E-06	4.47E-04	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-06	4.77E-03	0.00E+00	0.00E+00	4.77E-03
86 ALL	432128	3720889	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.09E-06	1.09E-06	2.36E-04	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
87 ALL	432095.8	3720936	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.84E-07	9.84E-07	2.14E-04	5.47E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-07	2.28E-03	0.00E+00	0.00E+00	2.28E-03
88 ALL	431860.1	3720942	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.32E-06	1.32E-06	2.86E-04	7.33E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-06	3.06E-03	0.00E+00	0.00E+00	3.06E-03
89 ALL	431774.9	3721019	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.99E-07	7.99E-07	1.74E-04	4.44E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-07	1.85E-03	0.00E+00	0.00E+00	1.85E-03
90 ALL	431864.4	3720908	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.67E-06	1.67E-06	3.63E-04	9.29E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-06	3.88E-03	0.00E+00	0.00E+00	3.88E-03
91 ALL	431846.9	3720965	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.15E-06	1.15E-06	2.50E-04	6.39E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
92 ALL	431144.8	3719946	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.87E-07	1.87E-07	4.06E-05	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-07	4.34E-04	0.00E+00	0.00E+00	4.34E-04
93 ALL	431157.2	3719933	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.88E-07	1.88E-07	4.10E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-07	4.37E-04	0.00E+00	0.00E+00	4.37E-04
94 ALL	431994.4	3719147	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.81E-08	4.81E-08	1.04E-05	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-08	1.12E-04	0.00E+00	0.00E+00	1.12E-04
95 ALL	431999.7	3719121	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.67E-08	4.67E-08	1.01E-05	2.60E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-08	1.08E-04	0.00E+00	0.00E+00	1.08E-04
96 ALL	434516.5	3720617	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.85E-08	2.85E-08	6.19E-06	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-08	6.61E-05	0.00E+00	0.00E+00	6.61E-05
97 ALL	434406.1	3720633	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.20E-08	3.20E-08	6.95E-06	1.78E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-08	7.42E-05	0.00E+00	0.00E+00	7.42E-05

*HARP - HRACalc v22118 2/28/2025 10:37:14 AM - Cancer Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\16380 Terravita\HARP\16380 OPS\hra\SchoolHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		431824.5	3720638	5.44E-06	9YrCancerf	5.09E-06	2.55E-07	1.80E-08	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		431839.6	3720538	4.02E-06	9YrCancerf	3.76E-06	1.89E-07	1.33E-08	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		431848.4	3720506	3.30E-06	9YrCancerf	3.10E-06	1.55E-07	1.09E-08	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		431808	3720544	2.88E-06	9YrCancerf	2.70E-06	1.35E-07	9.52E-09	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		432072.5	3720450	3.69E-06	9YrCancerf	3.45E-06	1.73E-07	1.22E-08	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		432046.4	3720409	3.06E-06	9YrCancerf	2.86E-06	1.44E-07	1.01E-08	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		432081.4	3720460	3.65E-06	9YrCancerf	3.42E-06	1.72E-07	1.21E-08	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		432108.8	3720474	2.85E-06	9YrCancerf	2.67E-06	1.34E-07	9.43E-09	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		431818.1	3720499	2.36E-06	9YrCancerf	2.22E-06	1.11E-07	7.82E-09	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		431824.9	3720465	2.01E-06	9YrCancerf	1.88E-06	9.45E-08	6.64E-09	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		431746.9	3720630	2.53E-06	9YrCancerf	2.37E-06	1.19E-07	8.35E-09	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		431718.9	3720637	2.03E-06	9YrCancerf	1.90E-06	9.54E-08	6.71E-09	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		431769.9	3720571	2.26E-06	9YrCancerf	2.12E-06	1.06E-07	7.48E-09	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		431828.5	3720830	2.56E-06	9YrCancerf	2.40E-06	1.20E-07	8.47E-09	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		431795.6	3720852	1.80E-06	9YrCancerf	1.69E-06	8.47E-08	5.96E-09	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		431709.9	3720688	2.64E-06	9YrCancerf	2.47E-06	1.24E-07	8.73E-09	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		431720.7	3720651	2.26E-06	9YrCancerf	2.12E-06	1.06E-07	7.47E-09	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		431690.1	3720613	1.44E-06	9YrCancerf	1.34E-06	6.74E-08	4.74E-09	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		431685.6	3720648	1.56E-06	9YrCancerf	1.46E-06	7.34E-08	5.17E-09	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		431653.1	3720715	1.28E-06	9YrCancerf	1.20E-06	6.00E-08	4.22E-09	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		431660.8	3720740	1.41E-06	9YrCancerf	1.32E-06	6.63E-08	4.67E-09	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		431667.1	3720767	1.49E-06	9YrCancerf	1.40E-06	7.00E-08	4.92E-09	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		431672.5	3720800	1.40E-06	9YrCancerf	1.32E-06	6.60E-08	4.64E-09	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		431676.1	3720826	1.24E-06	9YrCancerf	1.16E-06	5.81E-08	4.09E-09	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		431680.1	3720852	1.07E-06	9YrCancerf	1.01E-06	5.04E-08	3.55E-09	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		433382.6	3721167	5.49E-08	9YrCancerf	5.14E-08	2.58E-09	1.81E-10	7.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		433341.2	3721248	5.55E-08	9YrCancerf	5.20E-08	2.61E-09	1.83E-10	7.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		433323.1	3721251	5.64E-08	9YrCancerf	5.28E-08	2.65E-09	1.86E-10	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		432993	3721125	8.67E-08	9YrCancerf	8.12E-08	4.07E-09	2.87E-10	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		432819.8	3721276	9.79E-08	9YrCancerf	9.17E-08	4.60E-09	3.23E-10	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		432735.5	3721288	1.08E-07	9YrCancerf	1.01E-07	5.06E-09	3.56E-10	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		432701.7	3721286	1.12E-07	9YrCancerf	1.05E-07	5.28E-09	3.72E-10	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		432888.8	3721185	9.59E-08	9YrCancerf	8.98E-08	4.51E-09	3.17E-10	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		432798.7	3721183	1.08E-07	9YrCancerf	1.01E-07	5.08E-09	3.57E-10	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		432741.4	3721202	1.15E-07	9YrCancerf	1.08E-07	5.41E-09	3.81E-10	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		432669.7	3721212	1.26E-07	9YrCancerf	1.18E-07	5.93E-09	4.17E-10	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		432802.7	3721413	8.91E-08	9YrCancerf	8.35E-08	4.19E-09	2.95E-10	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		432674.6	3721291	1.16E-07	9YrCancerf	1.09E-07	5.44E-09	3.83E-10	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		432613.3	3721308	1.23E-07	9YrCancerf	1.15E-07	5.77E-09	4.06E-10	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		432550.6	3721319	1.32E-07	9YrCancerf	1.23E-07	6.18E-09	4.35E-10	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		432615.1	3721233	1.33E-07	9YrCancerf	1.25E-07	6.26E-09	4.40E-10	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		432534.8	3721219	1.52E-07	9YrCancerf	1.42E-07	7.12E-09	5.01E-10	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		432382	3721247	1.81E-07	9YrCancerf	1.69E-07	8.50E-09	5.98E-10	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		432414	3721344	1.50E-07	9YrCancerf	1.40E-07	7.05E-09	4.96E-10	1.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		432490.2	3721331	1.39E-07	9YrCancerf	1.31E-07	6.55E-09	4.61E-10	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

46		432375.7	3721348	1.56E-07	9YrCancerf	1.46E-07	7.32E-09	5.15E-10	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	432365.7	3721270	1.78E-07	9YrCancerf	1.67E-07	8.36E-09	5.88E-10	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	432314.8	3721271	1.89E-07	9YrCancerf	1.77E-07	8.87E-09	6.24E-10	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	432246.7	3721271	2.03E-07	9YrCancerf	1.90E-07	9.55E-09	6.72E-10	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	432302.6	3721208	2.15E-07	9YrCancerf	2.01E-07	1.01E-08	7.10E-10	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	432234.1	3721217	2.30E-07	9YrCancerf	2.15E-07	1.08E-08	7.60E-10	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	432247.1	3721360	1.73E-07	9YrCancerf	1.62E-07	8.13E-09	5.72E-10	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	432356.7	3721353	1.58E-07	9YrCancerf	1.48E-07	7.43E-09	5.22E-10	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	432289.1	3721101	2.70E-07	9YrCancerf	2.53E-07	1.27E-08	8.91E-10	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	432217.8	3721122	2.89E-07	9YrCancerf	2.71E-07	1.36E-08	9.56E-10	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	432214.7	3721047	3.46E-07	9YrCancerf	3.24E-07	1.62E-08	1.14E-09	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	432280	3721040	3.13E-07	9YrCancerf	2.93E-07	1.47E-08	1.04E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	432195.3	3720984	4.26E-07	9YrCancerf	3.99E-07	2.00E-08	1.41E-09	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	432188.1	3720944	4.85E-07	9YrCancerf	4.55E-07	2.28E-08	1.60E-09	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	432244	3720809	5.89E-07	9YrCancerf	5.52E-07	2.77E-08	1.95E-09	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	432150.6	3720733	1.13E-06	9YrCancerf	1.06E-06	5.30E-08	3.73E-09	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	432249.8	3720693	7.44E-07	9YrCancerf	6.97E-07	3.50E-08	2.46E-09	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	432207	3720559	1.14E-06	9YrCancerf	1.07E-06	5.38E-08	3.78E-09	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	432232.7	3720348	6.85E-07	9YrCancerf	6.42E-07	3.22E-08	2.26E-09	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	432180.4	3720351	8.76E-07	9YrCancerf	8.21E-07	4.12E-08	2.90E-09	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	432183.1	3720281	6.67E-07	9YrCancerf	6.24E-07	3.13E-08	2.20E-09	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	432236.8	3720647	8.60E-07	9YrCancerf	8.05E-07	4.04E-08	2.84E-09	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	432042.8	3720348	1.72E-06	9YrCancerf	1.61E-06	8.07E-08	5.68E-09	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	431941.4	3720348	1.61E-06	9YrCancerf	1.51E-06	7.58E-08	5.33E-09	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	431888.6	3720357	1.44E-06	9YrCancerf	1.35E-06	6.77E-08	4.76E-09	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	431923.3	3720345	1.43E-06	9YrCancerf	1.34E-06	6.73E-08	4.74E-09	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	431907.1	3720353	1.49E-06	9YrCancerf	1.40E-06	7.01E-08	4.93E-09	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	431851.2	3720361	1.23E-06	9YrCancerf	1.16E-06	5.80E-08	4.08E-09	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	431852.2	3720442	2.17E-06	9YrCancerf	2.03E-06	1.02E-07	7.16E-09	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	431852.1	3720489	2.97E-06	9YrCancerf	2.79E-06	1.40E-07	9.83E-09	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	431845.1	3720524	3.73E-06	9YrCancerf	3.49E-06	1.75E-07	1.23E-08	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	431823.3	3720474	2.10E-06	9YrCancerf	1.97E-06	9.86E-08	6.94E-09	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	431823.9	3720458	1.91E-06	9YrCancerf	1.79E-06	8.98E-08	6.32E-09	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	431793.3	3720942	8.50E-07	9YrCancerf	7.96E-07	3.99E-08	2.81E-09	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	431690.6	3720987	5.30E-07	9YrCancerf	4.96E-07	2.49E-08	1.75E-09	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	431681	3720921	7.20E-07	9YrCancerf	6.75E-07	3.38E-08	2.38E-09	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	432011.4	3720873	1.07E-06	9YrCancerf	1.00E-06	5.04E-08	3.54E-09	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	432052.1	3720850	1.06E-06	9YrCancerf	9.92E-07	4.98E-08	3.50E-09	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	432084.7	3720825	1.05E-06	9YrCancerf	9.87E-07	4.95E-08	3.48E-09	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	432095	3720762	1.34E-06	9YrCancerf	1.25E-06	6.28E-08	4.42E-09	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	432128	3720889	7.06E-07	9YrCancerf	6.61E-07	3.32E-08	2.33E-09	9.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	432095.8	3720936	6.40E-07	9YrCancerf	6.00E-07	3.01E-08	2.12E-09	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	431860.1	3720942	8.57E-07	9YrCancerf	8.02E-07	4.02E-08	2.83E-09	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	431774.9	3721019	5.20E-07	9YrCancerf	4.87E-07	2.44E-08	1.72E-09	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	431864.4	3720908	1.09E-06	9YrCancerf	1.02E-06	5.10E-08	3.59E-09	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	431846.9	3720965	7.47E-07	9YrCancerf	7.00E-07	3.51E-08	2.47E-09	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	431144.8	3719946	1.22E-07	9YrCancerf	1.14E-07	5.71E-09	4.02E-10	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

[illegible]

*HARP - HRACalc v22118 2/28/2025 10:37:14 AM - Acute Risk - Input File: C:\Users\Michael Tirohn\Desktop\VRAs\16380 Terravita\HARP\16380 OPS\hra\SchoolHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		431824.5	3720638	NonCancer	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.12E-04	0.00E+00	4.51E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
2	ALL		431839.6	3720538	NonCancer	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.88E-03	3.06E-04	0.00E+00	2.70E-03	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.88E-03
3	ALL		431848.4	3720506	NonCancer	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.55E-03	2.61E-04	0.00E+00	2.30E-03	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.55E-03
4	ALL		431808	3720544	NonCancer	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.05E-03	2.43E-04	0.00E+00	2.14E-03	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.05E-03
5	ALL		432072.5	3720450	NonCancer	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.23E-03	3.19E-04	0.00E+00	2.81E-03	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.23E-03
6	ALL		432046.4	3720409	NonCancer	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.43E-03	2.57E-04	0.00E+00	2.26E-03	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.43E-03
7	ALL		432081.4	3720460	NonCancer	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.33E-03	3.22E-04	0.00E+00	2.84E-03	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.33E-03
8	ALL		432108.8	3720474	NonCancer	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.85E-03	2.71E-04	0.00E+00	2.39E-03	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.85E-03
9	ALL		431818.1	3720499	NonCancer	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.94E-03	2.05E-04	0.00E+00	1.81E-03	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.94E-03
10	ALL		431824.9	3720465	NonCancer	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.43E-03	1.87E-04	0.00E+00	1.65E-03	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.43E-03
11	ALL		431746.9	3720630	NonCancer	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.39E-03	2.55E-04	0.00E+00	2.25E-03	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.39E-03
12	ALL		431718.9	3720637	NonCancer	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.91E-03	2.38E-04	0.00E+00	2.10E-03	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.91E-03
13	ALL		431769.9	3720571	NonCancer	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.51E-03	2.25E-04	0.00E+00	1.98E-03	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.51E-03
14	ALL		431828.5	3720830	NonCancer	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	7.36E-03	2.54E-04	0.00E+00	2.24E-03	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	7.36E-03
15	ALL		431795.6	3720852	NonCancer	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.71E-03	1.97E-04	0.00E+00	1.74E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.71E-03
16	ALL		431709.9	3720688	NonCancer	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.96E-03	2.75E-04	0.00E+00	2.42E-03	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.96E-03
17	ALL		431720.7	3720651	NonCancer	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.40E-03	2.55E-04	0.00E+00	2.25E-03	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.40E-03
18	ALL		431690.1	3720613	NonCancer	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.61E-03	1.94E-04	0.00E+00	1.71E-03	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.61E-03
19	ALL		431685.6	3720648	NonCancer	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.13E-03	2.11E-04	0.00E+00	1.86E-03	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.13E-03
20	ALL		431653.1	3720715	NonCancer	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.23E-03	2.15E-04	0.00E+00	1.89E-03	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.23E-03
21	ALL		431660.8	3720740	NonCancer	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.31E-03	2.18E-04	0.00E+00	1.92E-03	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.31E-03
22	ALL		431667.1	3720767	NonCancer	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.01E-03	2.07E-04	0.00E+00	1.83E-03	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.01E-03
23	ALL		431672.5	3720800	NonCancer	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.42E-03	1.87E-04	0.00E+00	1.65E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.42E-03
24	ALL		431676.1	3720826	NonCancer	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.59E-03	1.58E-04	0.00E+00	1.40E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.59E-03
25	ALL		431680.1	3720852	NonCancer	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.99E-03	1.38E-04	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.99E-03
26	ALL		433382.6	3721167	NonCancer	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04	5.45E-06	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
27	ALL		433341.2	3721248	NonCancer	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.56E-04	5.38E-06	0.00E+00	4.74E-05	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.56E-04
28	ALL		433323.1	3721251	NonCancer	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.58E-04	5.45E-06	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.58E-04
29	ALL		432993	3721125	NonCancer	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04	8.92E-06	0.00E+00	7.86E-05	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04
30	ALL		432819.8	3721276	NonCancer	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04	1.06E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
31	ALL		432735.5	3721288	NonCancer	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.22E-04	1.11E-05	0.00E+00	9.78E-05	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.22E-04
32	ALL		432701.7	3721286	NonCancer	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.38E-04	1.17E-05	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.38E-04
33	ALL		432888.8	3721185	NonCancer	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.06E-04	1.06E-05	0.00E+00	9.30E-05	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.06E-04
34	ALL		432798.7	3721183	NonCancer	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.56E-04	1.23E-05	0.00E+00	1.08E-04	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.56E-04
35	ALL		432741.4	3721202	NonCancer	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.73E-04	1.29E-05	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.73E-04
36	ALL		432669.7	3721212	NonCancer	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.88E-04	1.34E-05	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.88E-04
37	ALL		432802.7	3721413	NonCancer	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	2.69E-04	9.28E-06	0.00E+00	8.18E-05	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	2.69E-04
38	ALL		432674.6	3721291	NonCancer	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.55E-04	1.22E-05	0.00E+00	1.08E-04	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.55E-04
39	ALL		432613.3	3721308	NonCancer	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.01E-04	1.38E-05	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.01E-04
40	ALL		432550.6	3721319	NonCancer	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.56E-04	1.58E-05	0.00E+00	1.39E-04	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.56E-04
41	ALL		432615.1	3721233	NonCancer	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.12E-04	1.42E-05	0.00E+00	1.25E-04	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.12E-04
42	ALL		432534.8	3721219	NonCancer	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.96E-04	1.71E-05	0.00E+00	1.51E-04	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.96E-04
43	ALL		432382	3721247	NonCancer	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.69E-04	2.31E-05	0.00E+00	2.03E-04	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.69E-04
44	ALL		432414	3721344	NonCancer	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.81E-04	2.01E-05	0.00E+00	1.77E-04	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.81E-04
45	ALL		432490.2	3721331	NonCancer	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.09E-04	1.76E-05	0.00E+00	1.55E-04	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.09E-04
46	ALL		432375.7	3721348	NonCancer	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.18E-04	2.13E-05	0.00E+00	1.88E-04	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.18E-04
47	ALL		432365.7	3721270	NonCancer	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.70E-04	2.31E-05	0.00E+00	2.04E-04	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.70E-04
48	ALL		432314.8	3721271	NonCancer	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.20E-04	2.48E-05	0.00E+00	2.19E-04	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.20E-04
49	ALL		432246.7	3721271	NonCancer	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E										

51 ALL	432234.1	3721217	NonCancer	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.42E-04	2.91E-05	0.00E+00	2.56E-04	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.42E-04
52 ALL	432247.1	3721360	NonCancer	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.14E-04	2.46E-05	0.00E+00	2.17E-04	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.14E-04
53 ALL	432356.7	3721353	NonCancer	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.32E-04	2.18E-05	0.00E+00	1.92E-04	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.32E-04
54 ALL	432289.1	3721101	NonCancer	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.32E-04	3.22E-05	0.00E+00	2.83E-04	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.32E-04
55 ALL	432217.8	3721122	NonCancer	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.03E-03	3.54E-05	0.00E+00	3.12E-04	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.03E-03
56 ALL	432214.7	3721047	NonCancer	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.04E-05	0.00E+00	3.56E-04	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
57 ALL	432280	3721040	NonCancer	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03	3.63E-05	0.00E+00	3.20E-04	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
58 ALL	432195.3	3720984	NonCancer	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.40E-03	4.83E-05	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.40E-03
59 ALL	432188.1	3720944	NonCancer	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03	5.53E-05	0.00E+00	4.87E-04	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
60 ALL	432244	3720809	NonCancer	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.95E-03	6.71E-05	0.00E+00	5.91E-04	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.95E-03
61 ALL	432150.6	3720733	NonCancer	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.62E-03	1.25E-04	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.62E-03
62 ALL	432249.8	3720693	NonCancer	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.62E-03	9.04E-05	0.00E+00	7.96E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.62E-03
63 ALL	432207	3720559	NonCancer	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.64E-03	1.26E-04	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.64E-03
64 ALL	432232.7	3720348	NonCancer	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.84E-03	6.35E-05	0.00E+00	5.59E-04	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.84E-03
65 ALL	432180.4	3720351	NonCancer	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.53E-03	8.72E-05	0.00E+00	7.68E-04	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.53E-03
66 ALL	432183.1	3720281	NonCancer	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.03E-03	6.99E-05	0.00E+00	6.16E-04	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.03E-03
67 ALL	432236.8	3720647	NonCancer	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03	1.02E-04	0.00E+00	8.97E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03
68 ALL	432042.8	3720348	NonCancer	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.64E-03	1.60E-04	0.00E+00	1.41E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.64E-03
69 ALL	431941.4	3720348	NonCancer	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.66E-03	1.61E-04	0.00E+00	1.42E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.66E-03
70 ALL	431888.6	3720357	NonCancer	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.34E-03	1.50E-04	0.00E+00	1.32E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.34E-03
71 ALL	431923.3	3720345	NonCancer	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.47E-03	1.54E-04	0.00E+00	1.36E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.47E-03
72 ALL	431907.1	3720353	NonCancer	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.38E-03	1.51E-04	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.38E-03
73 ALL	431851.2	3720361	NonCancer	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.37E-03	1.51E-04	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.37E-03
74 ALL	431852.2	3720442	NonCancer	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.13E-03	1.77E-04	0.00E+00	1.56E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.13E-03
75 ALL	431852.1	3720489	NonCancer	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.86E-03	2.37E-04	0.00E+00	2.08E-03	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.86E-03
76 ALL	431845.1	3720524	NonCancer	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.38E-03	2.89E-04	0.00E+00	2.55E-03	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.38E-03
77 ALL	431823.3	3720474	NonCancer	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.55E-03	1.92E-04	0.00E+00	1.69E-03	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.55E-03
78 ALL	431823.9	3720458	NonCancer	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.26E-03	1.82E-04	0.00E+00	1.60E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.26E-03
79 ALL	431793.3	3720942	NonCancer	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03	1.02E-04	0.00E+00	8.97E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03
80 ALL	431690.6	3720987	NonCancer	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.01E-03	6.92E-05	0.00E+00	6.10E-04	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.01E-03
81 ALL	431681	3720921	NonCancer	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03	9.50E-05	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
82 ALL	432011.4	3720873	NonCancer	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.21E-03	1.11E-04	0.00E+00	9.76E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.21E-03
83 ALL	432052.1	3720850	NonCancer	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.27E-03	1.13E-04	0.00E+00	9.94E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.27E-03
84 ALL	432084.7	3720825	NonCancer	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.33E-03	1.15E-04	0.00E+00	1.01E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.33E-03
85 ALL	432095	3720762	NonCancer	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.13E-03	1.42E-04	0.00E+00	1.25E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.13E-03
86 ALL	432128	3720889	NonCancer	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.33E-03	8.03E-05	0.00E+00	7.08E-04	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.33E-03
87 ALL	432095.8	3720936	NonCancer	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.06E-03	7.11E-05	0.00E+00	6.26E-04	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.06E-03
88 ALL	431860.1	3720942	NonCancer	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03	9.43E-05	0.00E+00	8.31E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
89 ALL	431774.9	3721019	NonCancer	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.86E-03	6.40E-05	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.86E-03
90 ALL	431864.4	3720908	NonCancer	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.40E-03	1.17E-04	0.00E+00	1.03E-03	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.40E-03
91 ALL	431846.9	3720965	NonCancer	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03	8.50E-05	0.00E+00	7.49E-04	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
92 ALL	431144.8	3719946	NonCancer	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.07E-04	2.79E-05	0.00E+00	2.45E-04	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.07E-04
93 ALL	431157.2	3719933	NonCancer	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.06E-04	2.78E-05	0.00E+00	2.45E-04	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.06E-04
94 ALL	431994.4	3719147	NonCancer	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.84E-04	2.36E-05	0.00E+00	2.08E-04	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.84E-04
95 ALL	431999.7	3719121	NonCancer	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.70E-04	2.31E-05	0.00E+00	2.04E-04	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.70E-04
96 ALL	434516.5	3720617	NonCancer	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04	7.57E-06	0.00E+00	6.67E-05	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
97 ALL	434406.1	3720633	NonCancer	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04	7.19E-06	0.00E+00	6.34E-05	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04

*HARP - HRACalc v22118 2/28/2025 10:37:14 AM - Chronic Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRA\16380 Terravita\HARP\16380 OPS\hra\SchoolHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GLV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		431824.5	3720638	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.36E-06	8.36E-06	1.82E-03	4.65E-03	0.00E+00	0.00E+00	0.00E+00	8.36E-06	1.94E-02	0.00E+00	0.00E+00	1.94E-02
2	ALL		431839.6	3720538	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.17E-06	6.17E-06	1.34E-03	3.43E-03	0.00E+00	0.00E+00	0.00E+00	6.17E-06	1.43E-02	0.00E+00	0.00E+00	1.43E-02
3	ALL		431848.4	3720506	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.08E-06	5.08E-06	1.10E-03	2.83E-03	0.00E+00	0.00E+00	0.00E+00	5.08E-06	1.18E-02	0.00E+00	0.00E+00	1.18E-02
4	ALL		431808	3720544	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.43E-06	4.43E-06	9.62E-04	2.46E-03	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.03E-02	0.00E+00	0.00E+00	1.03E-02
5	ALL		432072.5	3720450	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.67E-06	5.67E-06	1.23E-03	3.15E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-06	1.32E-02	0.00E+00	0.00E+00	1.32E-02
6	ALL		432046.4	3720409	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.70E-06	4.70E-06	1.02E-03	2.61E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.09E-02	0.00E+00	0.00E+00	1.09E-02
7	ALL		432081.4	3720460	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.62E-06	5.62E-06	1.22E-03	3.12E-03	0.00E+00	0.00E+00	0.00E+00	5.62E-06	1.30E-02	0.00E+00	0.00E+00	1.30E-02
8	ALL		432108.8	3720474	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.39E-06	4.39E-06	9.54E-04	2.44E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
9	ALL		431818.1	3720499	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.64E-06	3.64E-06	7.90E-04	2.02E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-06	8.44E-03	0.00E+00	0.00E+00	8.44E-03
10	ALL		431824.9	3720465	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.09E-06	3.09E-06	6.72E-04	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-06	7.17E-03	0.00E+00	0.00E+00	7.17E-03
11	ALL		431746.9	3720630	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.88E-06	3.88E-06	8.44E-04	2.16E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-06	9.01E-03	0.00E+00	0.00E+00	9.01E-03
12	ALL		431718.9	3720637	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.12E-06	3.12E-06	6.78E-04	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-06	7.24E-03	0.00E+00	0.00E+00	7.24E-03
13	ALL		431769.9	3720571	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.48E-06	3.48E-06	7.56E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-06	8.07E-03	0.00E+00	0.00E+00	8.07E-03
14	ALL		431828.5	3720830	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.94E-06	3.94E-06	8.57E-04	2.19E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-06	9.14E-03	0.00E+00	0.00E+00	9.14E-03
15	ALL		431795.6	3720852	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.77E-06	2.77E-06	6.03E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-06	6.43E-03	0.00E+00	0.00E+00	6.43E-03
16	ALL		431709.9	3720688	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.06E-06	4.06E-06	8.83E-04	2.26E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-06	9.42E-03	0.00E+00	0.00E+00	9.42E-03
17	ALL		431720.7	3720651	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.48E-06	3.48E-06	7.56E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-06	8.07E-03	0.00E+00	0.00E+00	8.07E-03
18	ALL		431690.1	3720613	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.21E-06	2.21E-06	4.80E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-06	5.12E-03	0.00E+00	0.00E+00	5.12E-03
19	ALL		431685.6	3720648	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.40E-06	2.40E-06	5.23E-04	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-06	5.58E-03	0.00E+00	0.00E+00	5.58E-03
20	ALL		431653.1	3720715	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.96E-06	1.96E-06	4.27E-04	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-06	4.56E-03	0.00E+00	0.00E+00	4.56E-03
21	ALL		431660.8	3720740	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.17E-06	2.17E-06	4.72E-04	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-06	5.04E-03	0.00E+00	0.00E+00	5.04E-03
22	ALL		431667.1	3720767	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	4.98E-04	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
23	ALL		431672.5	3720800	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.16E-06	2.16E-06	4.69E-04	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-06	5.01E-03	0.00E+00	0.00E+00	5.01E-03
24	ALL		431676.1	3720826	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.90E-06	1.90E-06	4.14E-04	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-06	4.41E-03	0.00E+00	0.00E+00	4.41E-03
25	ALL		431680.1	3720852	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-06	1.65E-06	3.59E-04	9.18E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-06	3.83E-03	0.00E+00	0.00E+00	3.83E-03
26	ALL		433382.6	3721167	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.44E-08	8.44E-08	1.84E-05	4.69E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-08	1.96E-04	0.00E+00	0.00E+00	1.96E-04
27	ALL		433341.2	3721248	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.53E-08	8.53E-08	1.85E-05	4.74E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-08	1.98E-04	0.00E+00	0.00E+00	1.98E-04
28	ALL		433323.1	3721251	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.67E-08	8.67E-08	1.89E-05	4.82E-05	0.00E+00	0.00E+00	0.00E+00	8.67E-08	2.01E-04	0.00E+00	0.00E+00	2.01E-04
29	ALL		432993	3721125	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.33E-07	1.33E-07	2.90E-05	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
30	ALL		432819.8	3721276	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.50E-07	1.50E-07	3.27E-05	8.37E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
31	ALL		432735.5	3721288	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-07	1.65E-07	3.60E-05	9.20E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
32	ALL		432701.7	3721286	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.73E-07	1.73E-07	3.76E-05	9.62E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-07	4.01E-04	0.00E+00	0.00E+00	4.01E-04
33	ALL		432888.8	3721185	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.47E-07	1.47E-07	3.21E-05	8.20E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-07	3.42E-04	0.00E+00	0.00E+00	3.42E-04
34	ALL		432798.7	3721183	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.66E-07	1.66E-07	3.62E-05	9.25E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-07	3.86E-04	0.00E+00	0.00E+00	3.86E-04
35	ALL		432741.4	3721202	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.77E-07	1.77E-07	3.85E-05	9.85E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-07	4.11E-04	0.00E+00	0.00E+00	4.11E-04
36	ALL		432669.7	3721212	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.94E-07	1.94E-07	4.22E-05	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-07	4.50E-04	0.00E+00	0.00E+00	4.50E-04
37	ALL		432802.7	3721413	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.37E-07	1.37E-07	2.98E-05	7.62E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-07	3.18E-04	0.00E+00	0.00E+00	3.18E-04
38	ALL		432674.6	3721291	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.78E-07	1.78E-07	3.87E-05	9.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-07	4.13E-04	0.00E+00	0.00E+00	4.13E-04
39	ALL		432613.3	3721308	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.89E-07	1.89E-07	4.11E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-07	4.39E-04	0.00E+00	0.00E+00	4.39E-04
40	ALL		432550.6	3721319	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.02E-07	2.02E-07	4.40E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-07	4.69E-04	0.00E+00	0.00E+00	4.69E-04
41	ALL		432615.1	3721233	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.05E-07	2.05E-07	4.45E-05	1.14E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-07	4.75E-04	0.00E+00	0.00E+00	4.75E-04
42	ALL		432534.8	3721219	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.33E-07	2.33E-07	5.07E-05	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-07	5.41E-04	0.00E+00	0.00E+00	5.41E-04
43	ALL		432382	3721247	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.78E-07	2.78E-07	6.05E-05	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-07	6.45E-04	0.00E+00	0.00E+00	6.45E-04
44	ALL		432414	3721344	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.31E-07	2.31E-07	5.01E-05	1.28E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-07	5.35E-04	0.00E+00	0.00E+00	5.35E-04
45	ALL		432490.2	3721331	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.14E-07	2.14E-07	4.66E-05	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-07	4.97E-04	0.00E+00	0.00E+00	4.97E-04
46	ALL		432375.7	3721348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.40E-07	2.40E-07	5.21E-05	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-07	5.56E-04	0.00E+00	0.00E+00	5.56E-04
47	ALL		432365.7	3721270	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.73E-07	2.73E-07	5.95E-05	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-07	6.35E-04	0.00E+00	0.00E+00	6.35E-04
48	ALL		432314.8	3721271	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.90E-07	2.90E-07	6.31E-05	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-07	6.74E-04	0.00E+00	0.00E+00	6.74E-04
49	ALL		432246.7	3721271	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.12E-07	3.12E-07	6.79E-05	1.74E-04	0.00E+00	0.00E+00						

51 ALL	432234.1	3721217	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.53E-07	3.53E-07	7.68E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.53E-07	8.20E-04	0.00E+00	0.00E+00	8.20E-04
52 ALL	432247.1	3721360	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.66E-07	2.66E-07	5.78E-05	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-07	6.17E-04	0.00E+00	0.00E+00	6.17E-04
53 ALL	432356.7	3721353	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.43E-07	2.43E-07	5.28E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-07	5.64E-04	0.00E+00	0.00E+00	5.64E-04
54 ALL	432289.1	3721101	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.15E-07	4.15E-07	9.01E-05	2.31E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-07	9.62E-04	0.00E+00	0.00E+00	9.62E-04
55 ALL	432217.8	3721122	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.45E-07	4.45E-07	9.67E-05	2.47E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-07	1.03E-03	0.00E+00	0.00E+00	1.03E-03
56 ALL	432214.7	3721047	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.31E-07	5.31E-07	1.16E-04	2.96E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-07	1.23E-03	0.00E+00	0.00E+00	1.23E-03
57 ALL	432280	3721040	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.81E-07	4.81E-07	1.05E-04	2.68E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-07	1.12E-03	0.00E+00	0.00E+00	1.12E-03
58 ALL	432195.3	3720984	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.55E-07	6.55E-07	1.42E-04	3.64E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-07	1.52E-03	0.00E+00	0.00E+00	1.52E-03
59 ALL	432188.1	3720944	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.46E-07	7.46E-07	1.62E-04	4.15E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-07	1.73E-03	0.00E+00	0.00E+00	1.73E-03
60 ALL	432244	3720809	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.06E-07	9.06E-07	1.97E-04	5.04E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-07	2.10E-03	0.00E+00	0.00E+00	2.10E-03
61 ALL	432150.6	3720733	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.73E-06	1.73E-06	3.77E-04	9.64E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-06	4.02E-03	0.00E+00	0.00E+00	4.02E-03
62 ALL	432249.8	3720693	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.14E-06	1.14E-06	2.49E-04	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
63 ALL	432207	3720559	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.76E-06	1.76E-06	3.83E-04	9.79E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-06	4.08E-03	0.00E+00	0.00E+00	4.08E-03
64 ALL	432232.7	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.05E-06	1.05E-06	2.29E-04	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
65 ALL	432180.4	3720351	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.35E-06	1.35E-06	2.93E-04	7.49E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-06	3.13E-03	0.00E+00	0.00E+00	3.13E-03
66 ALL	432183.1	3720281	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.02E-06	1.02E-06	2.23E-04	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
67 ALL	432236.8	3720647	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.32E-06	1.32E-06	2.87E-04	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
68 ALL	432042.8	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.64E-06	2.64E-06	5.74E-04	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-06	6.13E-03	0.00E+00	0.00E+00	6.13E-03
69 ALL	431941.4	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.48E-06	2.48E-06	5.39E-04	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-06	5.76E-03	0.00E+00	0.00E+00	5.76E-03
70 ALL	431888.6	3720357	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.22E-06	2.22E-06	4.82E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-06	5.14E-03	0.00E+00	0.00E+00	5.14E-03
71 ALL	431923.3	3720345	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.20E-06	2.20E-06	4.79E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-06	5.11E-03	0.00E+00	0.00E+00	5.11E-03
72 ALL	431907.1	3720353	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	4.98E-04	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
73 ALL	431851.2	3720361	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.90E-06	1.90E-06	4.12E-04	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-06	4.40E-03	0.00E+00	0.00E+00	4.40E-03
74 ALL	431852.2	3720442	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.33E-06	3.33E-06	7.24E-04	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-06	7.73E-03	0.00E+00	0.00E+00	7.73E-03
75 ALL	431852.1	3720489	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.57E-06	4.57E-06	9.94E-04	2.54E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.06E-02	0.00E+00	0.00E+00	1.06E-02
76 ALL	431845.1	3720524	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.73E-06	5.73E-06	1.25E-03	3.19E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-06	1.33E-02	0.00E+00	0.00E+00	1.33E-02
77 ALL	431823.3	3720474	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.23E-06	3.23E-06	7.02E-04	1.79E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-06	7.49E-03	0.00E+00	0.00E+00	7.49E-03
78 ALL	431823.9	3720458	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.94E-06	2.94E-06	6.39E-04	1.64E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-06	6.82E-03	0.00E+00	0.00E+00	6.82E-03
79 ALL	431793.3	3720942	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.31E-06	1.31E-06	2.84E-04	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03
80 ALL	431690.6	3720987	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.14E-07	8.14E-07	1.77E-04	4.53E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-07	1.89E-03	0.00E+00	0.00E+00	1.89E-03
81 ALL	431681	3720921	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.11E-06	1.11E-06	2.41E-04	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-06	2.57E-03	0.00E+00	0.00E+00	2.57E-03
82 ALL	432011.4	3720873	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-06	1.65E-06	3.58E-04	9.17E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-06	3.82E-03	0.00E+00	0.00E+00	3.82E-03
83 ALL	432052.1	3720850	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.63E-06	1.63E-06	3.54E-04	9.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
84 ALL	432084.7	3720825	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.62E-06	1.62E-06	3.52E-04	9.01E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-06	3.76E-03	0.00E+00	0.00E+00	3.76E-03
85 ALL	432095	3720762	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.06E-06	2.06E-06	4.47E-04	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-06	4.77E-03	0.00E+00	0.00E+00	4.77E-03
86 ALL	432128	3720889	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.09E-06	1.09E-06	2.36E-04	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
87 ALL	432095.8	3720936	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.84E-07	9.84E-07	2.14E-04	5.47E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-07	2.28E-03	0.00E+00	0.00E+00	2.28E-03
88 ALL	431860.1	3720942	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.32E-06	1.32E-06	2.86E-04	7.33E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-06	3.06E-03	0.00E+00	0.00E+00	3.06E-03
89 ALL	431774.9	3721019	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.99E-07	7.99E-07	1.74E-04	4.44E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-07	1.85E-03	0.00E+00	0.00E+00	1.85E-03
90 ALL	431864.4	3720908	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.67E-06	1.67E-06	3.63E-04	9.29E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-06	3.88E-03	0.00E+00	0.00E+00	3.88E-03
91 ALL	431846.9	3720965	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.15E-06	1.15E-06	2.50E-04	6.39E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
92 ALL	431144.8	3719946	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.87E-07	1.87E-07	4.06E-05	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-07	4.34E-04	0.00E+00	0.00E+00	4.34E-04
93 ALL	431157.2	3719933	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.88E-07	1.88E-07	4.10E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-07	4.37E-04	0.00E+00	0.00E+00	4.37E-04
94 ALL	431994.4	3719147	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.81E-08	4.81E-08	1.04E-05	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-08	1.12E-04	0.00E+00	0.00E+00	1.12E-04
95 ALL	431999.7	3719121	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.67E-08	4.67E-08	1.01E-05	2.60E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-08	1.08E-04	0.00E+00	0.00E+00	1.08E-04
96 ALL	434516.5	3720617	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.85E-08	2.85E-08	6.19E-06	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-08	6.61E-05	0.00E+00	0.00E+00	6.61E-05
97 ALL	434406.1	3720633	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.20E-08	3.20E-08	6.95E-06	1.78E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-08	7.42E-05	0.00E+00	0.00E+00	7.42E-05

*HARP - HRACalc v22118 2/28/2025 10:35:42 AM - Cancer Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\16380 Terravita\HARP\16380 OPS\hra\WorkerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		431824.5	3720638	6.03E-07	25YrCance	5.82E-07	1.11E-08	9.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		431839.6	3720538	4.45E-07	25YrCance	4.30E-07	8.23E-09	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		431848.4	3720506	3.66E-07	25YrCance	3.54E-07	6.78E-09	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		431808	3720544	3.19E-07	25YrCance	3.08E-07	5.90E-09	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		432072.5	3720450	4.09E-07	25YrCance	3.95E-07	7.56E-09	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		432046.4	3720409	3.39E-07	25YrCance	3.27E-07	6.27E-09	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		432081.4	3720460	4.05E-07	25YrCance	3.91E-07	7.49E-09	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		432108.8	3720474	3.16E-07	25YrCance	3.05E-07	5.85E-09	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		431818.1	3720499	2.62E-07	25YrCance	2.53E-07	4.85E-09	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		431824.9	3720465	2.23E-07	25YrCance	2.15E-07	4.12E-09	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		431746.9	3720630	2.80E-07	25YrCance	2.70E-07	5.18E-09	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		431718.9	3720637	2.25E-07	25YrCance	2.17E-07	4.16E-09	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		431769.9	3720571	2.51E-07	25YrCance	2.42E-07	4.64E-09	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		431828.5	3720830	2.84E-07	25YrCance	2.74E-07	5.25E-09	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		431795.6	3720852	2.00E-07	25YrCance	1.93E-07	3.70E-09	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		431709.9	3720688	2.93E-07	25YrCance	2.83E-07	5.41E-09	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		431720.7	3720651	2.51E-07	25YrCance	2.42E-07	4.64E-09	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		431690.1	3720613	1.59E-07	25YrCance	1.54E-07	2.94E-09	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		431685.6	3720648	1.73E-07	25YrCance	1.67E-07	3.21E-09	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		431653.1	3720715	1.42E-07	25YrCance	1.37E-07	2.62E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		431660.8	3720740	1.56E-07	25YrCance	1.51E-07	2.89E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		431667.1	3720767	1.65E-07	25YrCance	1.59E-07	3.05E-09	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		431672.5	3720800	1.56E-07	25YrCance	1.50E-07	2.88E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		431676.1	3720826	1.37E-07	25YrCance	1.32E-07	2.54E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		431680.1	3720852	1.19E-07	25YrCance	1.15E-07	2.20E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		433382.6	3721167	6.09E-09	25YrCance	5.88E-09	1.13E-10	9.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		433341.2	3721248	6.15E-09	25YrCance	5.94E-09	1.14E-10	9.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		433323.1	3721251	6.25E-09	25YrCance	6.04E-09	1.16E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		432993	3721125	9.61E-09	25YrCance	9.28E-09	1.78E-10	1.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		432819.8	3721276	1.08E-08	25YrCance	1.05E-08	2.01E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		432735.5	3721288	1.19E-08	25YrCance	1.15E-08	2.21E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		432701.7	3721286	1.25E-08	25YrCance	1.20E-08	2.31E-10	2.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		432888.8	3721185	1.06E-08	25YrCance	1.03E-08	1.97E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		432798.7	3721183	1.20E-08	25YrCance	1.16E-08	2.22E-10	1.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		432741.4	3721202	1.28E-08	25YrCance	1.23E-08	2.36E-10	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		432669.7	3721212	1.40E-08	25YrCance	1.35E-08	2.59E-10	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		432802.7	3721413	9.88E-09	25YrCance	9.54E-09	1.83E-10	1.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		432674.6	3721291	1.28E-08	25YrCance	1.24E-08	2.38E-10	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		432613.3	3721308	1.36E-08	25YrCance	1.32E-08	2.52E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		432550.6	3721319	1.46E-08	25YrCance	1.41E-08	2.70E-10	2.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		432615.1	3721233	1.48E-08	25YrCance	1.43E-08	2.73E-10	2.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		432534.8	3721219	1.68E-08	25YrCance	1.62E-08	3.11E-10	2.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		432382	3721247	2.01E-08	25YrCance	1.94E-08	3.71E-10	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		432414	3721344	1.66E-08	25YrCance	1.60E-08	3.07E-10	2.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		432490.2	3721331	1.54E-08	25YrCance	1.49E-08	2.86E-10	2.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

46			432375.7	3721348	1.73E-08	25YrCance	1.67E-08	3.20E-10	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		432365.7	3721270	1.97E-08	25YrCance	1.90E-08	3.65E-10	3.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		432314.8	3721271	2.09E-08	25YrCance	2.02E-08	3.87E-10	3.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		432246.7	3721271	2.25E-08	25YrCance	2.17E-08	4.17E-10	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		432302.6	3721208	2.38E-08	25YrCance	2.30E-08	4.41E-10	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		432234.1	3721217	2.55E-08	25YrCance	2.46E-08	4.71E-10	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		432247.1	3721360	1.92E-08	25YrCance	1.85E-08	3.55E-10	3.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		432356.7	3721353	1.75E-08	25YrCance	1.69E-08	3.24E-10	2.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		432289.1	3721101	2.99E-08	25YrCance	2.89E-08	5.53E-10	4.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		432217.8	3721122	3.21E-08	25YrCance	3.10E-08	5.93E-10	5.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		432214.7	3721047	3.83E-08	25YrCance	3.70E-08	7.09E-10	6.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		432280	3721040	3.47E-08	25YrCance	3.35E-08	6.42E-10	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		432195.3	3720984	4.72E-08	25YrCance	4.56E-08	8.74E-10	7.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		432188.1	3720944	5.38E-08	25YrCance	5.19E-08	9.95E-10	8.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		432244	3720809	6.53E-08	25YrCance	6.30E-08	1.21E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		432150.6	3720733	1.25E-07	25YrCance	1.21E-07	2.31E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		432249.8	3720693	8.25E-08	25YrCance	7.96E-08	1.53E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		432207	37205															

[illegible]

*HARP - HRACalc v22118 2/28/2025 10:35:42 AM - Acute Risk - Input File: C:\Users\Michael Tirohn\Desktop\VRAs\16380 Terravita\HARP\16380 OPS\hra\WorkerHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		431824.5	3720638	NonCancer	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.12E-04	0.00E+00	4.51E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
2	ALL		431839.6	3720538	NonCancer	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.88E-03	3.06E-04	0.00E+00	2.70E-03	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.88E-03
3	ALL		431848.4	3720506	NonCancer	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.55E-03	2.61E-04	0.00E+00	2.30E-03	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.55E-03
4	ALL		431808	3720544	NonCancer	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.05E-03	2.43E-04	0.00E+00	2.14E-03	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.05E-03
5	ALL		432072.5	3720450	NonCancer	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.23E-03	3.19E-04	0.00E+00	2.81E-03	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.23E-03
6	ALL		432046.4	3720409	NonCancer	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.43E-03	2.57E-04	0.00E+00	2.26E-03	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.43E-03
7	ALL		432081.4	3720460	NonCancer	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.33E-03	3.22E-04	0.00E+00	2.84E-03	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.33E-03
8	ALL		432108.8	3720474	NonCancer	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.85E-03	2.71E-04	0.00E+00	2.39E-03	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.85E-03
9	ALL		431818.1	3720499	NonCancer	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.94E-03	2.05E-04	0.00E+00	1.81E-03	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.94E-03
10	ALL		431824.9	3720465	NonCancer	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.43E-03	1.87E-04	0.00E+00	1.65E-03	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.43E-03
11	ALL		431746.9	3720630	NonCancer	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.39E-03	2.55E-04	0.00E+00	2.25E-03	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.39E-03
12	ALL		431718.9	3720637	NonCancer	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.91E-03	2.38E-04	0.00E+00	2.10E-03	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.91E-03
13	ALL		431769.9	3720571	NonCancer	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.51E-03	2.25E-04	0.00E+00	1.98E-03	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.51E-03
14	ALL		431828.5	3720830	NonCancer	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	7.36E-03	2.54E-04	0.00E+00	2.24E-03	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	7.36E-03
15	ALL		431795.6	3720852	NonCancer	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.71E-03	1.97E-04	0.00E+00	1.74E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.71E-03
16	ALL		431709.9	3720688	NonCancer	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.96E-03	2.75E-04	0.00E+00	2.42E-03	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.96E-03
17	ALL		431720.7	3720651	NonCancer	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.40E-03	2.55E-04	0.00E+00	2.25E-03	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.40E-03
18	ALL		431690.1	3720613	NonCancer	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.61E-03	1.94E-04	0.00E+00	1.71E-03	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.61E-03
19	ALL		431685.6	3720648	NonCancer	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.13E-03	2.11E-04	0.00E+00	1.86E-03	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.13E-03
20	ALL		431653.1	3720715	NonCancer	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.23E-03	2.15E-04	0.00E+00	1.89E-03	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.23E-03
21	ALL		431660.8	3720740	NonCancer	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.31E-03	2.18E-04	0.00E+00	1.92E-03	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.31E-03
22	ALL		431667.1	3720767	NonCancer	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.01E-03	2.07E-04	0.00E+00	1.83E-03	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.01E-03
23	ALL		431672.5	3720800	NonCancer	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.42E-03	1.87E-04	0.00E+00	1.65E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.42E-03
24	ALL		431676.1	3720826	NonCancer	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.59E-03	1.58E-04	0.00E+00	1.40E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.59E-03
25	ALL		431680.1	3720852	NonCancer	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.99E-03	1.38E-04	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.99E-03
26	ALL		433382.6	3721167	NonCancer	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04	5.45E-06	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
27	ALL		433341.2	3721248	NonCancer	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.56E-04	5.38E-06	0.00E+00	4.74E-05	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.56E-04
28	ALL		433323.1	3721251	NonCancer	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.58E-04	5.45E-06	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.58E-04
29	ALL		432993	3721125	NonCancer	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04	8.92E-06	0.00E+00	7.86E-05	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04
30	ALL		432819.8	3721276	NonCancer	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04	1.06E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
31	ALL		432735.5	3721288	NonCancer	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.22E-04	1.11E-05	0.00E+00	9.78E-05	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.22E-04
32	ALL		432701.7	3721286	NonCancer	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.38E-04	1.17E-05	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.38E-04
33	ALL		432888.8	3721185	NonCancer	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.06E-04	1.06E-05	0.00E+00	9.30E-05	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.06E-04
34	ALL		432798.7	3721183	NonCancer	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.56E-04	1.23E-05	0.00E+00	1.08E-04	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.56E-04
35	ALL		432741.4	3721202	NonCancer	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.73E-04	1.29E-05	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.73E-04
36	ALL		432669.7	3721212	NonCancer	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.88E-04	1.34E-05	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.88E-04
37	ALL		432802.7	3721413	NonCancer	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	2.69E-04	9.28E-06	0.00E+00	8.18E-05	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	2.69E-04
38	ALL		432674.6	3721291	NonCancer	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.55E-04	1.22E-05	0.00E+00	1.08E-04	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.55E-04
39	ALL		432613.3	3721308	NonCancer	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.01E-04	1.38E-05	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.01E-04
40	ALL		432550.6	3721319	NonCancer	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.56E-04	1.58E-05	0.00E+00	1.39E-04	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.56E-04
41	ALL		432615.1	3721233	NonCancer	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.12E-04	1.42E-05	0.00E+00	1.25E-04	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.12E-04
42	ALL		432534.8	3721219	NonCancer	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.96E-04	1.71E-05	0.00E+00	1.51E-04	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.96E-04
43	ALL		432382	3721247	NonCancer	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.69E-04	2.31E-05	0.00E+00	2.03E-04	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.69E-04
44	ALL		432414	3721344	NonCancer	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.81E-04	2.01E-05	0.00E+00	1.77E-04	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.81E-04
45	ALL		432490.2	3721331	NonCancer	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.09E-04	1.76E-05	0.00E+00	1.55E-04	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.09E-04
46	ALL		432375.7	3721348	NonCancer	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.18E-04	2.13E-05	0.00E+00	1.88E-04	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.18E-04
47	ALL		432365.7	3721270	NonCancer	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.70E-04	2.31E-05	0.00E+00	2.04E-04	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.70E-04
48	ALL		432314.8	3721271	NonCancer	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.20E-04	2.48E-05	0.00E+00	2.19E-04	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.20E-04
49	ALL		432246.7	3721271	NonCancer	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	7.68E-04	2.65E-05	0.00E+00	2.34E-04</						

51 ALL	432234.1	3721217	NonCancer	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.42E-04	2.91E-05	0.00E+00	2.56E-04	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.42E-04
52 ALL	432247.1	3721360	NonCancer	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.14E-04	2.46E-05	0.00E+00	2.17E-04	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.14E-04
53 ALL	432356.7	3721353	NonCancer	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.32E-04	2.18E-05	0.00E+00	1.92E-04	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.32E-04
54 ALL	432289.1	3721101	NonCancer	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.32E-04	3.22E-05	0.00E+00	2.83E-04	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.32E-04
55 ALL	432217.8	3721122	NonCancer	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.03E-03	3.54E-05	0.00E+00	3.12E-04	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.03E-03
56 ALL	432214.7	3721047	NonCancer	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.04E-05	0.00E+00	3.56E-04	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
57 ALL	432280	3721040	NonCancer	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03	3.63E-05	0.00E+00	3.20E-04	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
58 ALL	432195.3	3720984	NonCancer	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.40E-03	4.83E-05	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.40E-03
59 ALL	432188.1	3720944	NonCancer	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03	5.53E-05	0.00E+00	4.87E-04	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
60 ALL	432244	3720809	NonCancer	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.95E-03	6.71E-05	0.00E+00	5.91E-04	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.95E-03
61 ALL	432150.6	3720733	NonCancer	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.62E-03	1.25E-04	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.62E-03
62 ALL	432249.8	3720693	NonCancer	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.62E-03	9.04E-05	0.00E+00	7.96E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.62E-03
63 ALL	432207	3720559	NonCancer	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.64E-03	1.26E-04	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.64E-03
64 ALL	432232.7	3720348	NonCancer	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.84E-03	6.35E-05	0.00E+00	5.59E-04	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.84E-03
65 ALL	432180.4	3720351	NonCancer	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.53E-03	8.72E-05	0.00E+00	7.68E-04	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.53E-03
66 ALL	432183.1	3720281	NonCancer	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.03E-03	6.99E-05	0.00E+00	6.16E-04	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.03E-03
67 ALL	432236.8	3720647	NonCancer	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03	1.02E-04	0.00E+00	8.97E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03
68 ALL	432042.8	3720348	NonCancer	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.64E-03	1.60E-04	0.00E+00	1.41E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.64E-03
69 ALL	431941.4	3720348	NonCancer	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.66E-03	1.61E-04	0.00E+00	1.42E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.66E-03
70 ALL	431888.6	3720357	NonCancer	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.34E-03	1.50E-04	0.00E+00	1.32E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.34E-03
71 ALL	431923.3	3720345	NonCancer	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.47E-03	1.54E-04	0.00E+00	1.36E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.47E-03
72 ALL	431907.1	3720353	NonCancer	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.38E-03	1.51E-04	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.38E-03
73 ALL	431851.2	3720361	NonCancer	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.37E-03	1.51E-04	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.37E-03
74 ALL	431852.2	3720442	NonCancer	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.13E-03	1.77E-04	0.00E+00	1.56E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.13E-03
75 ALL	431852.1	3720489	NonCancer	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.86E-03	2.37E-04	0.00E+00	2.08E-03	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.86E-03
76 ALL	431845.1	3720524	NonCancer	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.38E-03	2.89E-04	0.00E+00	2.55E-03	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.38E-03
77 ALL	431823.3	3720474	NonCancer	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.55E-03	1.92E-04	0.00E+00	1.69E-03	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.55E-03
78 ALL	431823.9	3720458	NonCancer	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.26E-03	1.82E-04	0.00E+00	1.60E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.26E-03
79 ALL	431793.3	3720942	NonCancer	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03	1.02E-04	0.00E+00	8.97E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.95E-03
80 ALL	431690.6	3720987	NonCancer	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.01E-03	6.92E-05	0.00E+00	6.10E-04	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.01E-03
81 ALL	431681	3720921	NonCancer	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03	9.50E-05	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
82 ALL	432011.4	3720873	NonCancer	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.21E-03	1.11E-04	0.00E+00	9.76E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.21E-03
83 ALL	432052.1	3720850	NonCancer	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.27E-03	1.13E-04	0.00E+00	9.94E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.27E-03
84 ALL	432084.7	3720825	NonCancer	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.33E-03	1.15E-04	0.00E+00	1.01E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.33E-03
85 ALL	432095	3720762	NonCancer	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.13E-03	1.42E-04	0.00E+00	1.25E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.13E-03
86 ALL	432128	3720889	NonCancer	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.33E-03	8.03E-05	0.00E+00	7.08E-04	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.33E-03
87 ALL	432095.8	3720936	NonCancer	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.06E-03	7.11E-05	0.00E+00	6.26E-04	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.06E-03
88 ALL	431860.1	3720942	NonCancer	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03	9.43E-05	0.00E+00	8.31E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
89 ALL	431774.9	3721019	NonCancer	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.86E-03	6.40E-05	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.86E-03
90 ALL	431864.4	3720908	NonCancer	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.40E-03	1.17E-04	0.00E+00	1.03E-03	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.40E-03
91 ALL	431846.9	3720965	NonCancer	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03	8.50E-05	0.00E+00	7.49E-04	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
92 ALL	431144.8	3719946	NonCancer	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.07E-04	2.79E-05	0.00E+00	2.45E-04	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.07E-04
93 ALL	431157.2	3719933	NonCancer	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.06E-04	2.78E-05	0.00E+00	2.45E-04	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.06E-04
94 ALL	431994.4	3719147	NonCancer	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.84E-04	2.36E-05	0.00E+00	2.08E-04	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.84E-04
95 ALL	431999.7	3719121	NonCancer	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.70E-04	2.31E-05	0.00E+00	2.04E-04	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.70E-04
96 ALL	434516.5	3720617	NonCancer	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04	7.57E-06	0.00E+00	6.67E-05	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
97 ALL	434406.1	3720633	NonCancer	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04	7.19E-06	0.00E+00	6.34E-05	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04

*HARP - HRACalc v22118 2/28/2025 10:35:42 AM - Chronic Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRA\16380 Terravita\HARP\16380 OPS\hra\WorkerHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GLV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		431824.5	3720638	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.36E-06	8.36E-06	1.82E-03	4.65E-03	0.00E+00	0.00E+00	0.00E+00	8.36E-06	1.94E-02	0.00E+00	0.00E+00	1.94E-02
2	ALL		431839.6	3720538	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.17E-06	6.17E-06	1.34E-03	3.43E-03	0.00E+00	0.00E+00	0.00E+00	6.17E-06	1.43E-02	0.00E+00	0.00E+00	1.43E-02
3	ALL		431848.4	3720506	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.08E-06	5.08E-06	1.10E-03	2.83E-03	0.00E+00	0.00E+00	0.00E+00	5.08E-06	1.18E-02	0.00E+00	0.00E+00	1.18E-02
4	ALL		431808	3720544	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.43E-06	4.43E-06	9.62E-04	2.46E-03	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.03E-02	0.00E+00	0.00E+00	1.03E-02
5	ALL		432072.5	3720450	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.67E-06	5.67E-06	1.23E-03	3.15E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-06	1.32E-02	0.00E+00	0.00E+00	1.32E-02
6	ALL		432046.4	3720409	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.70E-06	4.70E-06	1.02E-03	2.61E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.09E-02	0.00E+00	0.00E+00	1.09E-02
7	ALL		432081.4	3720460	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.62E-06	5.62E-06	1.22E-03	3.12E-03	0.00E+00	0.00E+00	0.00E+00	5.62E-06	1.30E-02	0.00E+00	0.00E+00	1.30E-02
8	ALL		432108.8	3720474	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.39E-06	4.39E-06	9.54E-04	2.44E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
9	ALL		431818.1	3720499	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.64E-06	3.64E-06	7.90E-04	2.02E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-06	8.44E-03	0.00E+00	0.00E+00	8.44E-03
10	ALL		431824.9	3720465	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.09E-06	3.09E-06	6.72E-04	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-06	7.17E-03	0.00E+00	0.00E+00	7.17E-03
11	ALL		431746.9	3720630	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.88E-06	3.88E-06	8.44E-04	2.16E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-06	9.01E-03	0.00E+00	0.00E+00	9.01E-03
12	ALL		431718.9	3720637	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.12E-06	3.12E-06	6.78E-04	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-06	7.24E-03	0.00E+00	0.00E+00	7.24E-03
13	ALL		431769.9	3720571	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.48E-06	3.48E-06	7.56E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-06	8.07E-03	0.00E+00	0.00E+00	8.07E-03
14	ALL		431828.5	3720830	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.94E-06	3.94E-06	8.57E-04	2.19E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-06	9.14E-03	0.00E+00	0.00E+00	9.14E-03
15	ALL		431795.6	3720852	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.77E-06	2.77E-06	6.03E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-06	6.43E-03	0.00E+00	0.00E+00	6.43E-03
16	ALL		431709.9	3720688	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.06E-06	4.06E-06	8.83E-04	2.26E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-06	9.42E-03	0.00E+00	0.00E+00	9.42E-03
17	ALL		431720.7	3720651	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.48E-06	3.48E-06	7.56E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-06	8.07E-03	0.00E+00	0.00E+00	8.07E-03
18	ALL		431690.1	3720613	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.21E-06	2.21E-06	4.80E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-06	5.12E-03	0.00E+00	0.00E+00	5.12E-03
19	ALL		431685.6	3720648	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.40E-06	2.40E-06	5.23E-04	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-06	5.58E-03	0.00E+00	0.00E+00	5.58E-03
20	ALL		431653.1	3720715	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.96E-06	1.96E-06	4.27E-04	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-06	4.56E-03	0.00E+00	0.00E+00	4.56E-03
21	ALL		431660.8	3720740	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.17E-06	2.17E-06	4.72E-04	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-06	5.04E-03	0.00E+00	0.00E+00	5.04E-03
22	ALL		431667.1	3720767	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	4.98E-04	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
23	ALL		431672.5	3720800	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.16E-06	2.16E-06	4.69E-04	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-06	5.01E-03	0.00E+00	0.00E+00	5.01E-03
24	ALL		431676.1	3720826	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.90E-06	1.90E-06	4.14E-04	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-06	4.41E-03	0.00E+00	0.00E+00	4.41E-03
25	ALL		431680.1	3720852	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-06	1.65E-06	3.59E-04	9.18E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-06	3.83E-03	0.00E+00	0.00E+00	3.83E-03
26	ALL		433382.6	3721167	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.44E-08	8.44E-08	1.84E-05	4.69E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-08	1.96E-04	0.00E+00	0.00E+00	1.96E-04
27	ALL		433341.2	3721248	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.53E-08	8.53E-08	1.85E-05	4.74E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-08	1.98E-04	0.00E+00	0.00E+00	1.98E-04
28	ALL		433323.1	3721251	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.67E-08	8.67E-08	1.89E-05	4.82E-05	0.00E+00	0.00E+00	0.00E+00	8.67E-08	2.01E-04	0.00E+00	0.00E+00	2.01E-04
29	ALL		432993	3721125	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.33E-07	1.33E-07	2.90E-05	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
30	ALL		432819.8	3721276	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.50E-07	1.50E-07	3.27E-05	8.37E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
31	ALL		432735.5	3721288	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-07	1.65E-07	3.60E-05	9.20E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
32	ALL		432701.7	3721286	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.73E-07	1.73E-07	3.76E-05	9.62E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-07	4.01E-04	0.00E+00	0.00E+00	4.01E-04
33	ALL		432888.8	3721185	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.47E-07	1.47E-07	3.21E-05	8.20E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-07	3.42E-04	0.00E+00	0.00E+00	3.42E-04
34	ALL		432798.7	3721183	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.66E-07	1.66E-07	3.62E-05	9.25E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-07	3.86E-04	0.00E+00	0.00E+00	3.86E-04
35	ALL		432741.4	3721202	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.77E-07	1.77E-07	3.85E-05	9.85E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-07	4.11E-04	0.00E+00	0.00E+00	4.11E-04
36	ALL		432669.7	3721212	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.94E-07	1.94E-07	4.22E-05	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-07	4.50E-04	0.00E+00	0.00E+00	4.50E-04
37	ALL		432802.7	3721413	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.37E-07	1.37E-07	2.98E-05	7.62E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-07	3.18E-04	0.00E+00	0.00E+00	3.18E-04
38	ALL		432674.6	3721291	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.78E-07	1.78E-07	3.87E-05	9.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-07	4.13E-04	0.00E+00	0.00E+00	4.13E-04
39	ALL		432613.3	3721308	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.89E-07	1.89E-07	4.11E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-07	4.39E-04	0.00E+00	0.00E+00	4.39E-04
40	ALL		432550.6	3721319	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.02E-07	2.02E-07	4.40E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-07	4.69E-04	0.00E+00	0.00E+00	4.69E-04
41	ALL		432615.1	3721233	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.05E-07	2.05E-07	4.45E-05	1.14E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-07	4.75E-04	0.00E+00	0.00E+00	4.75E-04
42	ALL		432534.8	3721219	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.33E-07	2.33E-07	5.07E-05	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-07	5.41E-04	0.00E+00	0.00E+00	5.41E-04
43	ALL		432382	3721247	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.78E-07	2.78E-07	6.05E-05	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-07	6.45E-04	0.00E+00	0.00E+00	6.45E-04
44	ALL		432414	3721344	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.31E-07	2.31E-07	5.01E-05	1.28E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-07	5.35E-04	0.00E+00	0.00E+00	5.35E-04
45	ALL		432490.2	3721331	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.14E-07	2.14E-07	4.66E-05	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-07	4.97E-04	0.00E+00	0.00E+00	4.97E-04
46	ALL		432375.7	3721348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.40E-07	2.40E-07	5.21E-05	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-07	5.56E-04	0.00E+00	0.00E+00	5.56E-04
47	ALL		432365.7	3721270	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.73E-07	2.73E-07	5.95E-05	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-07	6.35E-04	0.00E+00	0.00E+00	6.35E-04
48	ALL		432314.8	3721271	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.90E-07	2.90E-07	6.31E-05	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-07	6.74E-04	0.00E+00	0.00E+00	6.74E-04
49	ALL		432246.7	3721271	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.12E-07	3.12E-										

51 ALL	432234.1	3721217	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.53E-07	3.53E-07	7.68E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.53E-07	8.20E-04	0.00E+00	0.00E+00	8.20E-04
52 ALL	432247.1	3721360	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.66E-07	2.66E-07	5.78E-05	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-07	6.17E-04	0.00E+00	0.00E+00	6.17E-04
53 ALL	432356.7	3721353	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.43E-07	2.43E-07	5.28E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-07	5.64E-04	0.00E+00	0.00E+00	5.64E-04
54 ALL	432289.1	3721101	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.15E-07	4.15E-07	9.01E-05	2.31E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-07	9.62E-04	0.00E+00	0.00E+00	9.62E-04
55 ALL	432217.8	3721122	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.45E-07	4.45E-07	9.67E-05	2.47E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-07	1.03E-03	0.00E+00	0.00E+00	1.03E-03
56 ALL	432214.7	3721047	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.31E-07	5.31E-07	1.16E-04	2.96E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-07	1.23E-03	0.00E+00	0.00E+00	1.23E-03
57 ALL	432280	3721040	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.81E-07	4.81E-07	1.05E-04	2.68E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-07	1.12E-03	0.00E+00	0.00E+00	1.12E-03
58 ALL	432195.3	3720984	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.55E-07	6.55E-07	1.42E-04	3.64E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-07	1.52E-03	0.00E+00	0.00E+00	1.52E-03
59 ALL	432188.1	3720944	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.46E-07	7.46E-07	1.62E-04	4.15E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-07	1.73E-03	0.00E+00	0.00E+00	1.73E-03
60 ALL	432244	3720809	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.06E-07	9.06E-07	1.97E-04	5.04E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-07	2.10E-03	0.00E+00	0.00E+00	2.10E-03
61 ALL	432150.6	3720733	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.73E-06	1.73E-06	3.77E-04	9.64E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-06	4.02E-03	0.00E+00	0.00E+00	4.02E-03
62 ALL	432249.8	3720693	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.14E-06	1.14E-06	2.49E-04	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
63 ALL	432207	3720559	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.76E-06	1.76E-06	3.83E-04	9.79E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-06	4.08E-03	0.00E+00	0.00E+00	4.08E-03
64 ALL	432232.7	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.05E-06	1.05E-06	2.29E-04	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
65 ALL	432180.4	3720351	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.35E-06	1.35E-06	2.93E-04	7.49E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-06	3.13E-03	0.00E+00	0.00E+00	3.13E-03
66 ALL	432183.1	3720281	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.02E-06	1.02E-06	2.23E-04	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
67 ALL	432236.8	3720647	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.32E-06	1.32E-06	2.87E-04	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
68 ALL	432042.8	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.64E-06	2.64E-06	5.74E-04	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-06	6.13E-03	0.00E+00	0.00E+00	6.13E-03
69 ALL	431941.4	3720348	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.48E-06	2.48E-06	5.39E-04	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-06	5.76E-03	0.00E+00	0.00E+00	5.76E-03
70 ALL	431888.6	3720357	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.22E-06	2.22E-06	4.82E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-06	5.14E-03	0.00E+00	0.00E+00	5.14E-03
71 ALL	431923.3	3720345	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.20E-06	2.20E-06	4.79E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-06	5.11E-03	0.00E+00	0.00E+00	5.11E-03
72 ALL	431907.1	3720353	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	4.98E-04	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
73 ALL	431851.2	3720361	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.90E-06	1.90E-06	4.12E-04	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-06	4.40E-03	0.00E+00	0.00E+00	4.40E-03
74 ALL	431852.2	3720442	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.33E-06	3.33E-06	7.24E-04	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-06	7.73E-03	0.00E+00	0.00E+00	7.73E-03
75 ALL	431852.1	3720489	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.57E-06	4.57E-06	9.94E-04	2.54E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.06E-02	0.00E+00	0.00E+00	1.06E-02
76 ALL	431845.1	3720524	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.73E-06	5.73E-06	1.25E-03	3.19E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-06	1.33E-02	0.00E+00	0.00E+00	1.33E-02
77 ALL	431823.3	3720474	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.23E-06	3.23E-06	7.02E-04	1.79E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-06	7.49E-03	0.00E+00	0.00E+00	7.49E-03
78 ALL	431823.9	3720458	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.94E-06	2.94E-06	6.39E-04	1.64E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-06	6.82E-03	0.00E+00	0.00E+00	6.82E-03
79 ALL	431793.3	3720942	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.31E-06	1.31E-06	2.84E-04	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03
80 ALL	431690.6	3720987	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.14E-07	8.14E-07	1.77E-04	4.53E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-07	1.89E-03	0.00E+00	0.00E+00	1.89E-03
81 ALL	431681	3720921	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.11E-06	1.11E-06	2.41E-04	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-06	2.57E-03	0.00E+00	0.00E+00	2.57E-03
82 ALL	432011.4	3720873	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.65E-06	1.65E-06	3.58E-04	9.17E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-06	3.82E-03	0.00E+00	0.00E+00	3.82E-03
83 ALL	432052.1	3720850	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.63E-06	1.63E-06	3.54E-04	9.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
84 ALL	432084.7	3720825	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.62E-06	1.62E-06	3.52E-04	9.01E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-06	3.76E-03	0.00E+00	0.00E+00	3.76E-03
85 ALL	432095	3720762	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.06E-06	2.06E-06	4.47E-04	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-06	4.77E-03	0.00E+00	0.00E+00	4.77E-03
86 ALL	432128	3720889	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.09E-06	1.09E-06	2.36E-04	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
87 ALL	432095.8	3720936	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.84E-07	9.84E-07	2.14E-04	5.47E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-07	2.28E-03	0.00E+00	0.00E+00	2.28E-03
88 ALL	431860.1	3720942	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.32E-06	1.32E-06	2.86E-04	7.33E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-06	3.06E-03	0.00E+00	0.00E+00	3.06E-03
89 ALL	431774.9	3721019	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.99E-07	7.99E-07	1.74E-04	4.44E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-07	1.85E-03	0.00E+00	0.00E+00	1.85E-03
90 ALL	431864.4	3720908	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.67E-06	1.67E-06	3.63E-04	9.29E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-06	3.88E-03	0.00E+00	0.00E+00	3.88E-03
91 ALL	431846.9	3720965	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.15E-06	1.15E-06	2.50E-04	6.39E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
92 ALL	431144.8	3719946	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.87E-07	1.87E-07	4.06E-05	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-07	4.34E-04	0.00E+00	0.00E+00	4.34E-04
93 ALL	431157.2	3719933	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.88E-07	1.88E-07	4.10E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-07	4.37E-04	0.00E+00	0.00E+00	4.37E-04
94 ALL	431994.4	3719147	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.81E-08	4.81E-08	1.04E-05	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-08	1.12E-04	0.00E+00	0.00E+00	1.12E-04
95 ALL	431999.7	3719121	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.67E-08	4.67E-08	1.01E-05	2.60E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-08	1.08E-04	0.00E+00	0.00E+00	1.08E-04
96 ALL	434516.5	3720617	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.85E-08	2.85E-08	6.19E-06	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-08	6.61E-05	0.00E+00	0.00E+00	6.61E-05
97 ALL	434406.1	3720633	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.20E-08	3.20E-08	6.95E-06	1.78E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-08	7.42E-05	0.00E+00	0.00E+00	7.42E-05

Construction Risk																						
Receptor No.	Age Bin	DPM Conc. (µg/m ³)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1 (MEIR)	-0.25 to 0	0.01105	250	0.25	361	1	70	1.00	10	3.0E-04	1.1E+00	2.7E-06	0.10	5.0E+00	1.4E-03	2.2E-03						
	0 to 2	0.01105	250	2	1090	1	70	1.00	10	3.0E-04	1.1E+00	8.2E-06	2.47	5.0E+00	1.4E-03	2.2E-03						
	2 to 16	0.01105	250	0.58	572	1	70	1.00	3	3.0E-04	1.1E+00	4.3E-06	0.11	5.0E+00	1.4E-03	2.2E-03						
	Total												2.69			2.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2 (MEIW)	16 to 41	0.01661	250	2.83	230	1	70	1.00	1	3.0E-04	1.1E+00	2.6E-06	0.11	5.0E+00	1.4E-03	3.3E-03						
	Total												0.11			3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3 (MEISC)	4 to 13	0.00287	180	2.83	572	1	70	1.00	3	3.0E-04	1.1E+00	8.1E-07	0.10	5.0E+00	1.4E-03	5.7E-04						
	Total												0.10			5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	16 to 41	0.01661	250	2.83	230	1	70	1.00	1	3.0E-04	1.1E+00	2.6E-06	0.11	5.0E+00	1.4E-03	3.3E-03						
	Total												0.11			3.32E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	-0.25 to 0	0.00478	250	0.25	361	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-06	0.04	5.0E+00	1.4E-03	9.6E-04						
	0 to 2	0.00478	250	2	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.6E-06	1.07	5.0E+00	1.4E-03	9.6E-04						
	2 to 16	0.00478	250	0.58	572	1	70	1.00	3	3.0E-04	1.1E+00	1.9E-06	0.05	5.0E+00	1.4E-03	9.6E-04						
	Total												1.16			9.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.01417	250	2.83	230	1	70	1.00	1	3.0E-04	1.1E+00	2.2E-06	0.09	5.0E+00	1.4E-03	2.8E-03						
	Total												0.09			2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Operational Risk

Receptor No.	Receptor Type	Cancer Risk (per million)	Chronic HI	Acute HI
1 (MEIR)	Resident	5.44	0.014	0.009
2 (MEIW)	Worker	0.60	0.019	0.015
3 (MEISC)	School	1.09	0.004	0.003
4	Worker	0.28	0.009	0.007
5	Resident	3.06	0.008	0.007
6	Worker	0.41	0.013	0.009

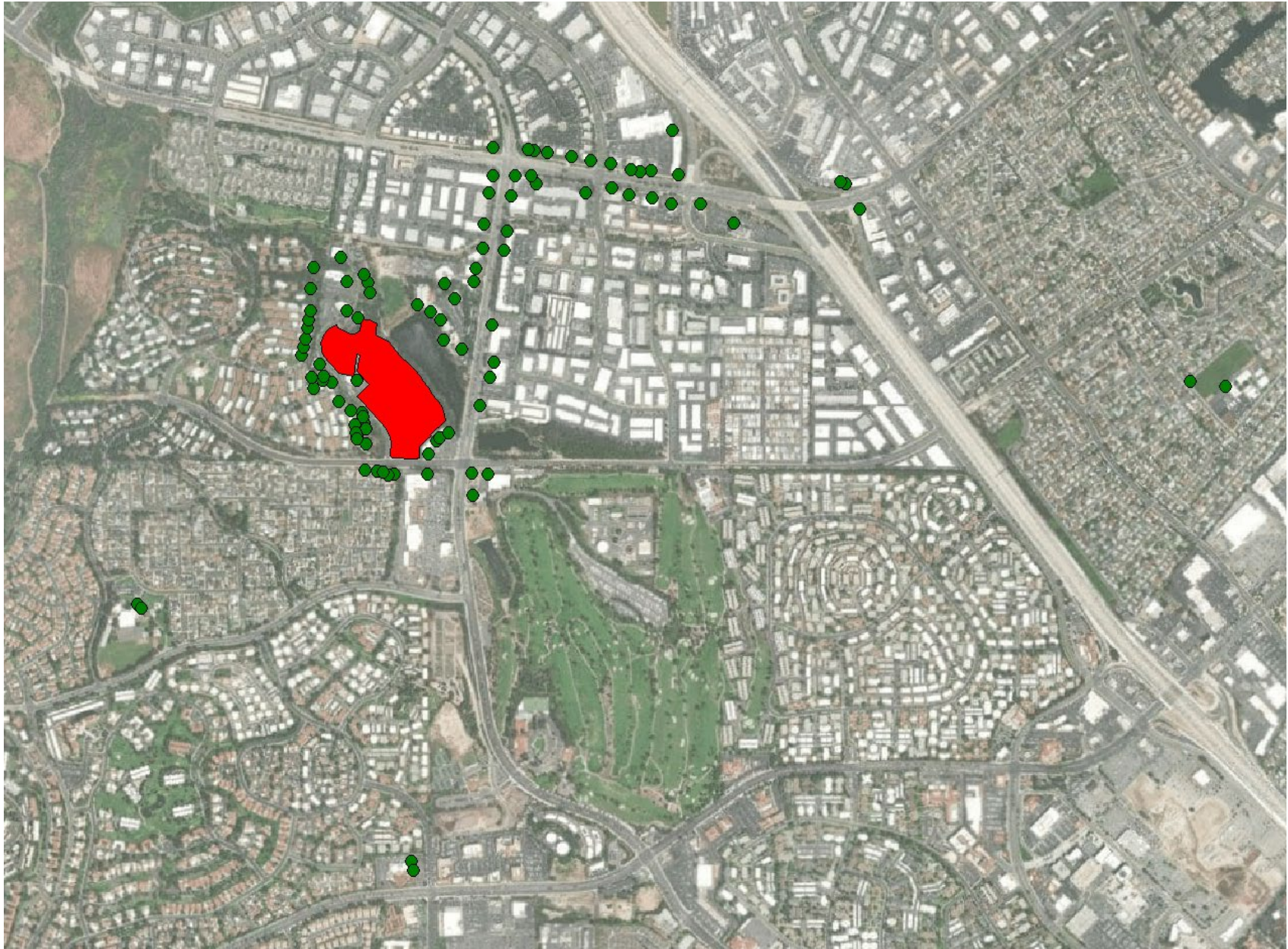
Combined Construction and Operational Risk

Receptor No.	Receptor Type	Cancer Risk (per million)
1	Resident	8.13
2	Worker	0.71
3	School	1.19
4	Worker	0.39
5	Resident	4.22
6	Worker	0.50

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APPENDIX 2.6:

MODELED RECEPTORS



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Terravita 021826 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Terravita 021826
Operational Year	2028
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	6.00000
Location	Mill Creek Dr & Ridge Rte Dr, Laguna Hills, CA 92653, USA
County	Orange
City	Laguna Hills
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5929
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

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
Single Family Housing	46.0000	Dwelling Unit	3.24000	142,669	87,990.0	—	137.000	Lot 1 - Single Family Attached "A"

Single Family Housing	107.000	Dwelling Unit	5.47000	279,900	54,700.0	—	319.000	Lot 2 - Single Family Attached "B"
Single Family Housing	106.000	Dwelling Unit	6.62000	308,650	8,193.00	—	316.000	Lot 3 - Single Family Attached "C"
Apartments Mid Rise	221.000	Dwelling Unit	2.40000	233,418	0.00000	—	659.000	Lot 4 Multi-Family
City Park	0.38000	Acre	0.38000	0.00000	16,552.0	16,552.0	—	Lot A - Terrace Park
City Park	0.40000	Acre	0.40000	0.00000	17,424.0	17,424.0	—	Lot B - Corner Park
Other Asphalt Surfaces	4.33000	Acre	0.00000	0.00000	0.00000	—	—	Internal Drive Aisles
Enclosed Parking with Elevator	161.000	1000sqft	0.00000	161,000	0.00000	—	—	MFR Parking Structure

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	35.4393	6.75619	110.879	0.20544	0.14137	20.0092	20.1505	0.12726	5.07875	5.20602	0.91777	65.4333	26,965.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.8393	6.99327	71.5534	0.19598	0.11624	20.0092	20.1254	0.10831	5.07875	5.18707	0.95312	8.42620	26,024.2
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	33.0686	6.44232	88.0433	0.17587	0.11977	17.5845	17.7043	0.10854	4.46359	4.57213	0.85755	29.2028	23,914.0

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.03502	1.17572	16.0679	0.03210	0.02186	3.20918	3.23104	0.01981	0.81461	0.83441	0.14198	4.83485	3,959.23

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.59900	6.43940	76.5968	0.20384	0.11618	20.0092	20.1254	0.10825	5.07875	5.18701	0.79629	58.5246	21,136.0
Area	25.8403	0.31680	34.2821	0.00160	0.02519	—	0.02519	0.01901	—	0.01901	0.00085	—	101.964
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.03500	—	4,672.78
Water	—	—	—	—	—	—	—	—	—	—	0.08563	—	353.597
Waste	—	—	—	—	—	—	—	—	—	—	0.00000	—	694.627
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.90873	6.90873
Total	35.4393	6.75619	110.879	0.20544	0.14137	20.0092	20.1505	0.12726	5.07875	5.20602	0.91777	65.4333	26,965.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.52260	6.99327	71.5534	0.19598	0.11624	20.0092	20.1254	0.10831	5.07875	5.18707	0.83249	1.51746	20,296.3
Area	22.3167	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.03500	—	4,672.78
Water	—	—	—	—	—	—	—	—	—	—	0.08563	—	353.597
Waste	—	—	—	—	—	—	—	—	—	—	0.00000	—	694.627
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.90873	6.90873
Total	31.8393	6.99327	71.5534	0.19598	0.11624	20.0092	20.1254	0.10831	5.07875	5.18707	0.95312	8.42620	26,024.2
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	8.33847	6.22533	64.5624	0.17477	0.10252	17.5845	17.6871	0.09552	4.46359	4.55911	0.73634	22.2941	18,116.2

Area	24.7301	0.21698	23.4809	0.00110	0.01725	—	0.01725	0.01302	—	0.01302	0.00058	—	69.8385
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.03500	—	4,672.78
Water	—	—	—	—	—	—	—	—	—	—	0.08563	—	353.597
Waste	—	—	—	—	—	—	—	—	—	—	0.00000	—	694.627
Refrig.	—	—	—	—	—	—	—	—	—	—	—	6.90873	6.90873
Total	33.0686	6.44232	88.0433	0.17587	0.11977	17.5845	17.7043	0.10854	4.46359	4.57213	0.85755	29.2028	23,914.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.52177	1.13612	11.7826	0.03190	0.01871	3.20918	3.22789	0.01743	0.81461	0.83204	0.12191	3.69104	2,999.34
Area	4.51325	0.03960	4.28526	0.00020	0.00315	—	0.00315	0.00238	—	0.00238	0.00010	—	11.5626
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00579	—	773.632
Water	—	—	—	—	—	—	—	—	—	—	0.01418	—	58.5420
Waste	—	—	—	—	—	—	—	—	—	—	0.00000	—	115.003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	1.14382	1.14382
Total	6.03502	1.17572	16.0679	0.03210	0.02186	3.20918	3.23104	0.01981	0.81461	0.83441	0.14198	4.83485	3,959.23

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	5.57591	3.74055	44.4939	0.11841	0.06749	11.6230	11.6905	0.06288	2.95017	3.01305	0.46255	33.9961	12,277.6
Apartments Mid Rise	4.02309	2.69885	32.1029	0.08543	0.04869	8.38615	8.43484	0.04537	2.12858	2.17395	0.33374	24.5286	8,858.43

City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Enclosed Parking with Elevator	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	9.59900	6.43940	76.5968	0.20384	0.11618	20.0092	20.1254	0.10825	5.07875	5.18701	0.79629	58.5246	21,136.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	5.53153	4.06228	41.5643	0.11384	0.06752	11.6230	11.6905	0.06292	2.95017	3.01309	0.48358	0.88147	11,789.8
Apartments Mid Rise	3.99107	2.93099	29.9891	0.08214	0.04872	8.38615	8.43487	0.04539	2.12858	2.17398	0.34891	0.63599	8,506.50
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Enclosed Parking with Elevator	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	9.52260	6.99327	71.5534	0.19598	0.11624	20.0092	20.1254	0.10831	5.07875	5.18707	0.83249	1.51746	20,296.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.98029	0.73187	7.59013	0.02055	0.01205	2.06729	2.07934	0.01123	0.52475	0.53598	0.07853	2.37769	1,932.11
Apartments Mid Rise	0.54148	0.40426	4.19251	0.01135	0.00666	1.14189	1.14855	0.00620	0.28985	0.29606	0.04338	1.31335	1,067.23
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Enclosed Parking with Elevator	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.52177	1.13612	11.7826	0.03190	0.01871	3.20918	3.22789	0.01743	0.81461	0.83204	0.12191	3.69104	2,999.34

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.01960	—	2,616.97
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00889	—	1,186.31
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00651	—	869.499
Total	—	—	—	—	—	—	—	—	—	—	0.03500	—	4,672.78
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.01960	—	2,616.97
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00889	—	1,186.31

City Park	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00651	—	869.499
Total	—	—	—	—	—	—	—	—	—	—	0.03500	—	4,672.78
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00325	—	433.269
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00147	—	196.408
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00108	—	143.955
Total	—	—	—	—	—	—	—	—	—	—	0.00579	—	773.632

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Apartments Mid Rise	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000

City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Enclosed Parking with Elevator	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Apartments Mid Rise	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Enclosed Parking with Elevator	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Apartments Mid Rise	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000

Enclosed Parking with Elevator	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	—	0.00000

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.6625	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.65417	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.52362	0.31680	34.2821	0.00160	0.02519	—	0.02519	0.01901	—	0.01901	0.00085	—	101.964
Total	25.8403	0.31680	34.2821	0.00160	0.02519	—	0.02519	0.01901	—	0.01901	0.00085	—	101.964
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	20.6625	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.65417	—	—	—	—	—	—	—	—	—	—	—	—
Total	22.3167	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.77091	—	—	—	—	—	—	—	—	—	—	—	—

Architecture I	0.30189	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.44045	0.03960	4.28526	0.00020	0.00315	—	0.00315	0.00238	—	0.00238	0.00010	—	11.5626
Total	4.51325	0.03960	4.28526	0.00020	0.00315	—	0.00315	0.00238	—	0.00238	0.00010	—	11.5626

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.04624	—	195.239
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.03934	—	150.760
City Park	—	—	—	—	—	—	—	—	—	—	0.00006	—	7.59724
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	0.08563	—	353.597
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.04624	—	195.239

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.03934	—	150.760
City Park	—	—	—	—	—	—	—	—	—	—	0.00006	—	7.59724
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	0.08563	—	353.597
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00766	—	32.3240
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00651	—	24.9601
City Park	—	—	—	—	—	—	—	—	—	—	0.00001	—	1.25781
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	0.01418	—	58.5420

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00000	—	386.161
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00000	—	308.340
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.12648
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	0.00000	—	694.627
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00000	—	386.161
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00000	—	308.340
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.12648
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	0.00000	—	694.627
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.00000	—	63.9333
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	0.00000	—	51.0492

City Park	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.02094
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	0.00000	—	115.003

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.23699	5.23699
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67174	1.67174
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	6.90873	6.90873
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	5.23699	5.23699
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.67174	1.67174
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	6.90873	6.90873

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	0.86704	0.86704
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.27678	0.27678
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	1.14382	1.14382

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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

5.9. 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
Single Family Housing	628.360	634.340	569.020	226,569	5,314.93	5,365.52	4,813.01	1,916,417
Single Family Housing	628.090	634.510	569.240	226,519	5,312.65	5,366.95	4,814.87	1,915,993
Single Family Housing	666.740	673.100	603.140	240,375	5,639.57	5,693.36	5,101.61	2,033,197
Apartments Mid Rise	1,007.76	906.100	1,401.14	383,044	8,524.06	7,664.18	11,851.4	3,239,944
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Enclosed Parking with Elevator	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Single Family Housing	Wood Fireplaces	0	0
Single Family Housing	Gas Fireplaces	0	0
Single Family Housing	Propane Fireplaces	0	0
Single Family Housing	Electric Fireplaces	0	0
Single Family Housing	No Fireplaces	0	0

Single Family Housing	Conventional Wood Stoves	0	0
Single Family Housing	Catalytic Wood Stoves	0	0
Single Family Housing	Non-Catalytic Wood Stoves	0	0
Single Family Housing	Pellet Wood Stoves	0	0
Single Family Housing	Wood Fireplaces	0	0
Single Family Housing	Gas Fireplaces	0	0
Single Family Housing	Propane Fireplaces	0	0
Single Family Housing	Electric Fireplaces	0	0
Single Family Housing	No Fireplaces	0	0
Single Family Housing	Conventional Wood Stoves	0	0
Single Family Housing	Catalytic Wood Stoves	0	0
Single Family Housing	Non-Catalytic Wood Stoves	0	0
Single Family Housing	Pellet Wood Stoves	0	0
Single Family Housing	Wood Fireplaces	0	0
Single Family Housing	Gas Fireplaces	0	0
Single Family Housing	Propane Fireplaces	0	0
Single Family Housing	Electric Fireplaces	0	0
Single Family Housing	No Fireplaces	0	0
Single Family Housing	Conventional Wood Stoves	0	0
Single Family Housing	Catalytic Wood Stoves	0	0
Single Family Housing	Non-Catalytic Wood Stoves	0	0
Single Family Housing	Pellet Wood Stoves	0	0
Apartments Mid Rise	Wood Fireplaces	0	0
Apartments Mid Rise	Gas Fireplaces	0	0
Apartments Mid Rise	Propane Fireplaces	0	0
Apartments Mid Rise	Electric Fireplaces	0	0
Apartments Mid Rise	No Fireplaces	0	0
Apartments Mid Rise	Conventional Wood Stoves	0	0

Apartments Mid Rise	Catalytic Wood Stoves	0	0
Apartments Mid Rise	Non-Catalytic Wood Stoves	0	0
Apartments Mid Rise	Pellet Wood Stoves	0	0
City Park	Wood Fireplaces	0	0
City Park	Gas Fireplaces	0	0
City Park	Propane Fireplaces	0	0
City Park	Electric Fireplaces	0	0
City Park	No Fireplaces	0	0
City Park	Conventional Wood Stoves	0	0
City Park	Catalytic Wood Stoves	0	0
City Park	Non-Catalytic Wood Stoves	0	0
City Park	Pellet Wood Stoves	0	0
City Park	Wood Fireplaces	0	0
City Park	Gas Fireplaces	0	0
City Park	Propane Fireplaces	0	0
City Park	Electric Fireplaces	0	0
City Park	No Fireplaces	0	0
City Park	Conventional Wood Stoves	0	0
City Park	Catalytic Wood Stoves	0	0
City Park	Non-Catalytic Wood Stoves	0	0
City Park	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0

Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0
Enclosed Parking with Elevator	Wood Fireplaces	0	0
Enclosed Parking with Elevator	Gas Fireplaces	0	0
Enclosed Parking with Elevator	Propane Fireplaces	0	0
Enclosed Parking with Elevator	Electric Fireplaces	0	0
Enclosed Parking with Elevator	No Fireplaces	0	0
Enclosed Parking with Elevator	Conventional Wood Stoves	0	0
Enclosed Parking with Elevator	Catalytic Wood Stoves	0	0
Enclosed Parking with Elevator	Non-Catalytic Wood Stoves	0	0
Enclosed Parking with Elevator	Pellet Wood Stoves	0	0

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)
1,953,390	651,130	0.00000	0.00000	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

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)	CO ₂	CH ₄	N ₂ O	Natural Gas (kBTU/yr)
Single Family Housing	317,694	531.983	0.0330	0.0040	0.00000

Single Family Housing	738,983	531.983	0.0330	0.0040	0.00000
Single Family Housing	732,076	531.983	0.0330	0.0040	0.00000
Apartments Mid Rise	810,869	531.983	0.0330	0.0040	0.00000
City Park	0.00000	531.983	0.0330	0.0040	0.00000
City Park	0.00000	531.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	531.983	0.0330	0.0040	0.00000
Enclosed Parking with Elevator	594,320	531.983	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	1,726,180	1,393,802
Single Family Housing	4,015,245	866,473
Single Family Housing	3,977,719	129,781
Apartments Mid Rise	8,293,169	0.00000
City Park	0.00000	476,711
City Park	0.00000	501,826
Other Asphalt Surfaces	0.00000	0.00000
Enclosed Parking with Elevator	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	36.3438	0.00000
Single Family Housing	84.6253	0.00000

Single Family Housing	83.8294	0.00000
Apartments Mid Rise	163.527	0.00000
City Park	0.03268	0.00000
City Park	0.03440	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Enclosed Parking with Elevator	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000

Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
City Park	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000
City Park	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

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	8.79000	annual days of extreme heat
Extreme Precipitation	4.15000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.32000	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 $\frac{3}{4}$ 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	1	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	1	1	1	2
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	64.7293
AQ-PM	50.7405
AQ-DPM	41.0828
Drinking Water	40.4646
Lead Risk Housing	22.8355
Pesticides	0.00000
Toxic Releases	63.6784
Traffic	85.7875
Effect Indicators	—
CleanUp Sites	0.00000
Groundwater	0.00000
Haz Waste Facilities/Generators	41.8134
Impaired Water Bodies	77.2995
Solid Waste	9.66781
Sensitive Population	—
Asthma	11.4158
Cardio-vascular	12.7866
Low Birth Weights	38.1832

Socioeconomic Factor Indicators	—
Education	23.6649
Housing	47.6172
Linguistic	55.1495
Poverty	25.2513
Unemployment	41.8402

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	87.24496343
Employed	91.37687668
Median HI	78.04439882
Education	—
Bachelor's or higher	80.88027717
High school enrollment	100
Preschool enrollment	76.50455537
Transportation	—
Auto Access	76.73553189
Active commuting	16.51482099
Social	—
2-parent households	47.27319389
Voting	53.2144232
Neighborhood	—
Alcohol availability	74.63107917
Park access	81.35506224
Retail density	81.68869498

Supermarket access	35.3137431
Tree canopy	67.04735019
Housing	—
Homeownership	65.03272167
Housing habitability	66.27742846
Low-inc homeowner severe housing cost burden	43.08995252
Low-inc renter severe housing cost burden	52.02104453
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	90.41447453
Arthritis	0.0
Asthma ER Admissions	84.1
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	76.1
Cognitively Disabled	18.3
Physically Disabled	50.9
Heart Attack ER Admissions	73.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	69.2
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	0.4
SLR Inundation Area	0.0
Children	65.5
Elderly	24.3
English Speaking	57.9
Foreign-born	62.8
Outdoor Workers	93.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.0
Traffic Density	92.7
Traffic Access	60.0
Other Indices	—
Hardship	18.2
Other Decision Support	—
2016 Voting	80.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	25.0000
Healthy Places Index Score for Project Location (b)	84.0000
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

8.1. Justifications

Screen	Justification
Land Use	User defined inputs based on site plan and applicant provided data needs.
Construction: Construction Phases	Schedule provided by Project Applicant in consultation with Project contractor
Construction: Off-Road Equipment	Data provided by Applicant
Construction: Off-Road Equipment EF	Crushing/Proc. Equipment EFs adjusted to represent a rock crusher powered by a diesel generator.
Construction: Dust From Material Movement	Based on applicant provided data.
Construction: Paving	Paving area added for internal drive aisles and parking garage
Operations: Vehicle Data	Trip rates adjusted to be consistent with TIA. SFR trips divided evenly across the three SFR uses. No changes made to default trip lengths/trip types.
Operations: Hearths	No fire places or wood stoves are proposed
Operations: Energy Use	All electric development. Project natural gas use was converted to kWh and added to projected electrical consumption

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	14.9351	3.24000

Building Area	sq. ft	89,700.0	142,669
Landscape Area	sq. ft	538,791	87,990.0
Lot Area	acre	34.7403	5.47000
Building Area	sq. ft	208,650	279,900
Landscape Area	sq. ft	1,253,276	54,700.0
Lot Area	acre	34.4156	6.62000
Building Area	sq. ft	206,700	308,650
Landscape Area	sq. ft	1,241,563	8,193.00
Lot Area	acre	5.81579	2.40000
Building Area	sq. ft	212,160	233,418
Landscape Area	sq. ft	—	0.00000
Lot Area	acre	4.33000	0.00000
Landscape Area	sq. ft	—	0.00000
Lot Area	acre	3.69605	0.00000
Landscape Area	sq. ft	—	0.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Single Family Housing	Weekday Trip Rate	size/day	9.44000	13.6600
Single Family Housing	Saturday Trip Rate	size/day	9.54000	13.7900
Single Family Housing	Sunday Trip Rate	size/day	8.55000	12.3700
Single Family Housing	Weekday Trip Rate	size/day	9.44000	5.87000
Single Family Housing	Saturday Trip Rate	size/day	9.54000	5.93000
Single Family Housing	Sunday Trip Rate	size/day	8.55000	5.32000
Single Family Housing	Weekday Trip Rate	size/day	9.44000	6.29000

Single Family Housing	Saturday Trip Rate	size/day	9.54000	6.35000
Single Family Housing	Sunday Trip Rate	size/day	8.55000	5.69000
Apartments Mid Rise	Weekday Trip Rate	size/day	5.44000	4.56000
Apartments Mid Rise	Saturday Trip Rate	size/day	4.91000	4.10000
Apartments Mid Rise	Sunday Trip Rate	size/day	4.09000	6.34000
City Park	Weekday Trip Rate	size/day	0.78000	0.00000
City Park	Saturday Trip Rate	size/day	1.96000	0.00000
City Park	Sunday Trip Rate	size/day	2.19000	0.00000
City Park	Weekday Trip Rate	size/day	0.78000	0.00000
City Park	Saturday Trip Rate	size/day	1.96000	0.00000
City Park	Sunday Trip Rate	size/day	2.19000	0.00000

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Single Family Housing	Electricity	kWh/yr	317,177	317,694
Single Family Housing	Natural Gas	kBTU/yr	1,763,426	0.00000
Single Family Housing	Natural Gas (Subject to Title 24)	kBTU/yr	1,552,380	0.00000
Single Family Housing	Natural Gas (Not Subject to Title 24)	kBTU/yr	211,046	0.00000
Single Family Housing	Electricity	kWh/yr	737,781	738,983
Single Family Housing	Electricity (Subject to Title 24)	kWh/yr	163,990	165,522
Single Family Housing	Electricity (Not Subject to Title 24)	kWh/yr	573,791	579,153
Single Family Housing	Natural Gas	kBTU/yr	4,101,882	0.00000
Single Family Housing	Natural Gas (Subject to Title 24)	kBTU/yr	3,610,970	0.00000
Single Family Housing	Natural Gas (Not Subject to Title 24)	kBTU/yr	490,912	0.00000
Single Family Housing	Electricity	kWh/yr	730,885	732,076
Single Family Housing	Electricity (Subject to Title 24)	kWh/yr	162,457	162,457
Single Family Housing	Electricity (Not Subject to Title 24)	kWh/yr	568,428	568,428
Single Family Housing	Natural Gas	kBTU/yr	4,063,547	0.00000

Single Family Housing	Natural Gas (Subject to Title 24)	kBTU/yr	3,577,223	0.00000
Single Family Housing	Natural Gas (Not Subject to Title 24)	kBTU/yr	486,324	0.00000
Apartments Mid Rise	Electricity	kWh/yr	810,149	810,869
Apartments Mid Rise	Electricity (Subject to Title 24)	kWh/yr	229,625	229,625
Apartments Mid Rise	Electricity (Not Subject to Title 24)	kWh/yr	580,524	580,524
Apartments Mid Rise	Natural Gas	kBTU/yr	2,454,612	0.00000
Apartments Mid Rise	Natural Gas (Subject to Title 24)	kBTU/yr	2,138,602	0.00000
Apartments Mid Rise	Natural Gas (Not Subject to Title 24)	kBTU/yr	316,010	0.00000

Existing Commercial Uses - Terravita Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Existing Commercial Uses - Terravita
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	6.00
Location	Mill Creek Dr & Ridge Rte Dr, Laguna Hills, CA 92653, USA
County	Orange
City	Laguna Hills
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5929
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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	285	1000sqft	6.54	285,061	0.00	—	—	—

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.6	8.44	80.5	0.23	0.27	21.5	21.8	0.26	5.46	5.72	1.11	63.6	33,770
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.6	9.00	74.5	0.22	0.27	21.5	21.8	0.26	5.46	5.72	1.15	2.32	32,865
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.4	7.35	58.2	0.17	0.24	16.2	16.5	0.23	4.12	4.35	0.95	21.3	27,789
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.45	1.34	10.6	0.03	0.04	2.96	3.00	0.04	0.75	0.79	0.16	3.52	4,601

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	8.69	6.50	78.9	0.22	0.12	21.5	21.6	0.11	5.46	5.57	0.81	62.9	22,594
Area	6.82	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.11	1.94	1.63	0.01	0.15	—	0.15	0.15	—	0.15	0.06	—	9,754
Water	—	—	—	—	—	—	—	—	—	—	0.24	—	921
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	500
Refrig.	—	—	—	—	—	—	—	—	—	—	—	0.69	0.69
Total	15.6	8.44	80.5	0.23	0.27	21.5	21.8	0.26	5.46	5.72	1.11	63.6	33,770
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	8.62	7.06	72.9	0.21	0.12	21.5	21.6	0.11	5.46	5.57	0.85	1.63	21,689
Area	6.82	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.11	1.94	1.63	0.01	0.15	—	0.15	0.15	—	0.15	0.06	—	9,754
Water	—	—	—	—	—	—	—	—	—	—	0.24	—	921
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	500
Refrig.	—	—	—	—	—	—	—	—	—	—	—	0.69	0.69
Total	15.6	9.00	74.5	0.22	0.27	21.5	21.8	0.26	5.46	5.72	1.15	2.32	32,865
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.48	5.40	56.6	0.16	0.09	16.2	16.3	0.09	4.12	4.20	0.65	20.6	16,614
Area	6.82	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.11	1.94	1.63	0.01	0.15	—	0.15	0.15	—	0.15	0.06	—	9,754
Water	—	—	—	—	—	—	—	—	—	—	0.24	—	921
Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	500
Refrig.	—	—	—	—	—	—	—	—	—	—	—	0.69	0.69
Total	13.4	7.35	58.2	0.17	0.24	16.2	16.5	0.23	4.12	4.35	0.95	21.3	27,789
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.18	0.99	10.3	0.03	0.02	2.96	2.98	0.02	0.75	0.77	0.11	3.41	2,751
Area	1.25	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.02	0.35	0.30	< 0.005	0.03	—	0.03	0.03	—	0.03	0.01	—	1,615
Water	—	—	—	—	—	—	—	—	—	—	0.04	—	152

Waste	—	—	—	—	—	—	—	—	—	—	0.00	—	82.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11
Total	2.45	1.34	10.6	0.03	0.04	2.96	3.00	0.04	0.75	0.79	0.16	3.52	4,601

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	8.69	6.50	78.9	0.22	0.12	21.5	21.6	0.11	5.46	5.57	0.81	62.9	22,594
Total	8.69	6.50	78.9	0.22	0.12	21.5	21.6	0.11	5.46	5.57	0.81	62.9	22,594
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	8.62	7.06	72.9	0.21	0.12	21.5	21.6	0.11	5.46	5.57	0.85	1.63	21,689
Total	8.62	7.06	72.9	0.21	0.12	21.5	21.6	0.11	5.46	5.57	0.85	1.63	21,689
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.18	0.99	10.3	0.03	0.02	2.96	2.98	0.02	0.75	0.77	0.11	3.41	2,751
Total	1.18	0.99	10.3	0.03	0.02	2.96	2.98	0.02	0.75	0.77	0.11	3.41	2,751

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.06	—	7,432
Total	—	—	—	—	—	—	—	—	—	—	0.06	—	7,432
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.06	—	7,432
Total	—	—	—	—	—	—	—	—	—	—	0.06	—	7,432
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.01	—	1,230
Total	—	—	—	—	—	—	—	—	—	—	0.01	—	1,230

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.11	1.94	1.63	0.01	0.15	—	0.15	0.15	—	0.15	< 0.005	—	2,322
Total	0.11	1.94	1.63	0.01	0.15	—	0.15	0.15	—	0.15	< 0.005	—	2,322

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.11	1.94	1.63	0.01	0.15	—	0.15	0.15	—	0.15	< 0.005	—	2,322
Total	0.11	1.94	1.63	0.01	0.15	—	0.15	0.15	—	0.15	< 0.005	—	2,322
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.02	0.35	0.30	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	384
Total	0.02	0.35	0.30	< 0.005	0.03	—	0.03	0.03	—	0.03	< 0.005	—	384

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.10	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.72	—	—	—	—	—	—	—	—	—	—	—	—
Total	6.82	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.10	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.72	—	—	—	—	—	—	—	—	—	—	—	—
Total	6.82	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.11	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.13	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.25	—	—	—	—	—	—	—	—	—	—	—	—

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.24	—	921
Total	—	—	—	—	—	—	—	—	—	—	0.24	—	921
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.24	—	921
Total	—	—	—	—	—	—	—	—	—	—	0.24	—	921
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	0.04	—	152
Total	—	—	—	—	—	—	—	—	—	—	0.04	—	152

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	—	500
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	500
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	—	500
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	500
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.00	—	82.8
Total	—	—	—	—	—	—	—	—	—	—	0.00	—	82.8

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.69	0.69
Total	—	—	—	—	—	—	—	—	—	—	—	0.69	0.69
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.69	0.69
Total	—	—	—	—	—	—	—	—	—	—	—	0.69	0.69
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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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

5.9. 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	2,888	656	208	797,894	30,401	6,902	2,191	8,400,007

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	427,592	142,531	—

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	5,079,869	532	0.0330	0.0040	7,225,289

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	50,664,960	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	265	—

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

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	8.79	annual days of extreme heat
Extreme Precipitation	4.15	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.32	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 $\frac{3}{4}$ 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	1	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	1	1	1	2
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	64.7
AQ-PM	50.7
AQ-DPM	41.1
Drinking Water	40.5
Lead Risk Housing	22.8
Pesticides	0.00
Toxic Releases	63.7
Traffic	85.8
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	41.8
Impaired Water Bodies	77.3
Solid Waste	9.67

Sensitive Population	—
Asthma	11.4
Cardio-vascular	12.8
Low Birth Weights	38.2
Socioeconomic Factor Indicators	—
Education	23.7
Housing	47.6
Linguistic	55.1
Poverty	25.3
Unemployment	41.8

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	87.24496343
Employed	91.37687668
Median HI	78.04439882
Education	—
Bachelor's or higher	80.88027717
High school enrollment	100
Preschool enrollment	76.50455537
Transportation	—
Auto Access	76.73553189
Active commuting	16.51482099
Social	—
2-parent households	47.27319389
Voting	53.2144232

Neighborhood	—
Alcohol availability	74.63107917
Park access	81.35506224
Retail density	81.68869498
Supermarket access	35.3137431
Tree canopy	67.04735019
Housing	—
Homeownership	65.03272167
Housing habitability	66.27742846
Low-inc homeowner severe housing cost burden	43.08995252
Low-inc renter severe housing cost burden	52.02104453
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	90.41447453
Arthritis	0.0
Asthma ER Admissions	84.1
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	76.1
Cognitively Disabled	18.3
Physically Disabled	50.9
Heart Attack ER Admissions	73.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0

Obesity	0.0
Pedestrian Injuries	69.2
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	0.4
SLR Inundation Area	0.0
Children	65.5
Elderly	24.3
English Speaking	57.9
Foreign-born	62.8
Outdoor Workers	93.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.0
Traffic Density	92.7
Traffic Access	60.0
Other Indices	—
Hardship	18.2
Other Decision Support	—
2016 Voting	80.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	25.0

Healthy Places Index Score for Project Location (b)	84.0
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	Trip rates adjusted to be consistent with TIA. Default trip lengths and trip types were not edited.