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 PM_{10}. 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 PM_{10} and $PM_{2.5}$ consistent with SCAQMD's LST guidance.

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[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 NO_2, CO, PM_{10}, 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 PM_{10} and $PM_{2.5}$, since PM_{10} 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 NO_2 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 PM_{10} and $PM_{2.5}$ analysis, must be considered to determine construction and operational LST air impacts for emissions of NO_2 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.

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 NO_2 are to be added to the model concentrations. However, because the basin exceeds the federal or state PM_{10} 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, PM_{10} and $PM_{2.5}$ background concentrations are not considered.

Notes: PM10 and PM2.5 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		NO₂	PM₁₀	PM₂.₅
	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 [A]	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**

[A] Highest concentration from the last three years of available data. Per SCAQMD LST guidance, PM_{10} and $PM_{2.5}$ background concentrations are not considered.

Notes: PM10 and PM2.5 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

Table of Contents

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

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

Architectural	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
Architectural 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
Architectural 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

											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

												< 0.005	—	1.26
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/Backhoes	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/Backhoes	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/Backhoes	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/Backhoes	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	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/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 ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	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 plana nd 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

Table of Contents

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	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	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 ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	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 plana nd 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

```
** 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 CO Tier 4\Con
LST CO Tier 4.ADI
**
***************************************
**
**
***************************************
** 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 "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
```

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   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
```

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    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
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   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 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
      EMISFACT VOL12          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
      EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL13          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
      EMISFACT VOL13          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
      EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
      EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
      EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   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
** 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
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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 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
    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
** WeekDays:
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    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
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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
```

```
      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 CO 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 ***
 ********************************

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

                             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: 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: Con LST CO Tier 4.err

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

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

                              PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                         *** VOLUME SOURCE DATA ***

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

 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
```

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

                              PAGE   3
 *** 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
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                        ***   13:17:05

                              PAGE   4
 *** 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         ,
♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        13:17:05


                                    PAGE    5
 *** 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
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                         ***   13:17:05

                              PAGE   6
 *** 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
```
♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***      03/05/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        13:17:05


                              PAGE   7
 *** 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 ***   ***
                        ***         13:17:05


                              PAGE   8
 *** 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


                         PAGE    9
 *** 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

                                    PAGE 10
 *** 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
```

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

                                    PAGE 11
 *** 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

                          PAGE 12
  *** 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

                         PAGE 13
 *** 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

                          PAGE  14
 *** 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

                          PAGE  15
 *** 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

                        PAGE 16
 *** 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

                          PAGE 17
 *** 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
```

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

                          PAGE 18
 *** 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

                          PAGE 19
 *** 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
```

♠ *** 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 = 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
```

                              PAGE 21
 *** 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
```

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

                                   PAGE 23
  *** 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
```

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

                           PAGE 24
 *** 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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                            PAGE  25
 *** 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
```

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

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

                            PAGE 28
 *** 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
```

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   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

                            PAGE 29
 *** 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
♠ *** 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 = 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
 ♠ *** AERMOD - VERSION 24142   ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***       03/05/25
  *** AERMET - VERSION  22112 ***   ***
                        ***        13:17:05


                                    PAGE  31
  *** 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
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     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
 6  .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
 6  .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
    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

                              PAGE 32
 *** 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 ***   ***
                          ***   13:17:05

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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 = 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 ***   ***
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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 ***   ***
                          ***   13:17:05

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

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

 SOURCE ID = 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 ***   ***
                        ***   13:17:05

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

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

 SOURCE ID = 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 ***   03/05/25
 *** 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 = 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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♠ *** 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 = 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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♠ *** 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*

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

                         PAGE 40
 *** 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);
```

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

                                           *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***

                                            (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1

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

                              PAGE 42
 *** 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   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   1.83 200.   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  ***    *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
 *** AERMET - VERSION  22112 ***    ***
                            ***        13:17:05


                         PAGE  43
 *** 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)
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- -

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

                              PAGE 44
 *** 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   , . . .   ,

                                            ** 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)

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

                                 PAGE 45
  *** 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   , . . .   ,

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

        X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)                X-COORD (M)
    Y-COORD (M)        CONC     (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  - - - - - - - - - - - - - - - - - - - - - - - - - -
         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)
```

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

                         PAGE 46
 *** 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)
```

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

                                 PAGE 47
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

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

- -
- -

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

                              PAGE 48
  *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL   URBAN   ADJ_U*

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

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

- -
- -

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

```
   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
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    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
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   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 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
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL15        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   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
** 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
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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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   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
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   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
** 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
   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:    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:  Con LST NOx Tier 4.err

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

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Terravita\16380 Terravita.is ***        03/05/25
 *** AERMET - VERSION  22112 ***    ***
```

                                              *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
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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Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   13:13:17

                              PAGE   3

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

                         PAGE   4
 *** 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   ,
```
♠ *** AERMOD - VERSION 24142   ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        13:13:17

                         PAGE   5
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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
```
⬆ *** 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 = 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
```

♠ *** 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 = 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 ***    ***
                           ***      13:13:17

                              PAGE   8
 *** 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 ***    ***
                           ***      13:13:17

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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 = 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 ***   ***
                          ***   13:13:17

                            PAGE 10
 *** 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
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                          ***   13:13:17

                          PAGE 11
 *** 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 ***   ***
                          ***       13:13:17

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

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

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

                            PAGE 14
 *** 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 ***   ***
                        ***       13:13:17

                         PAGE  15
 *** 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 ***   ***
                         ***   13:13:17

                              PAGE 16
 *** 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


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

                         PAGE 18
 *** 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 ***   ***
                         ***        13:13:17
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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 = 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
```

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

                          PAGE 21
 *** 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

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

                          PAGE 22
 *** 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
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  14  .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
  22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
  6  .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
  14  .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
  22  .0000E+00   23  .0000E+00   24  .0000E+00
  ♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
   *** AERMET - VERSION  22112 ***    ***
                          ***        13:13:17

                             PAGE  23
    *** 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
  ♠ *** 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 = 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 ***   03/05/25
 *** 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 = VOL21   ; 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 = SATURDAY
     1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
     9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
     1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
     9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
    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

                                      PAGE 26
  *** 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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                          PAGE  27
 *** 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
```

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

```
 6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
 6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
 6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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

                           PAGE 30
 *** 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
```

♠ *** 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   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

                          PAGE 32
 *** 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

                                PAGE   33
 *** 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

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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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♠ *** 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
```

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

                          PAGE 35
 *** 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


                          PAGE  36
 *** 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

                                        PAGE  37
  *** 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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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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                          PAGE  38
 *** 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
```

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

                              PAGE 39
 *** 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);
```

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

                         PAGE 40
 *** 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);
```

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

                         PAGE 41
 *** 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 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,
♠ *** AERMOD - VERSION 24142  ***    *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
 *** AERMET - VERSION  22112 ***    ***
                         ***        13:13:17


                                      PAGE  42
 *** 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                 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    1.83 200.    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  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
```

```
   *** AERMET - VERSION  22112 ***    ***
                          ***         13:13:17


                                PAGE  43
   *** 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
```

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


                              PAGE  44
 *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - -
        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)
```

                          PAGE   45
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                  *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                              ** CONC OF NOX   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   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

                          PAGE   46
 *** 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
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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
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   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:
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    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:
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    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:
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    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
    EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL13        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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    EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL14          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT VOL15          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL15          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL15          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL15          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    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
** 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:
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    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
    EMISFACT VOL20          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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    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
    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
** WeekDays:
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
    EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
    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
** Sunday:
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    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:
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    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
    EMISFACT VOL30          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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    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:
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   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 ***
 *********************************

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

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

                              PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                                 *** VOLUME SOURCE DATA ***

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

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -

 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
```

⩗ *** 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*

                              *** AREAPOLY SOURCE DATA ***

           NUMBER EMISSION RATE   LOCATION OF AREA   BASE   RELEASE   NUMBER
  INIT.   URBAN EMISSION RATE   AIRCRAFT
  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
⩗ *** 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 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   ,
♠ *** 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*

                                        *** 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   ,

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                 VOL33          , VOL34          , PAREA1          ,
♠ *** 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 = 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
♠ *** 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 = 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
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                          ***   13:07:24

                             PAGE   8
 *** 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 ***   ***
                           ***   13:07:24

                           PAGE 10
 *** 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 ***   ***
                           ***   13:07:24

                           PAGE 11
 *** 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
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***       03/05/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       13:07:24


                          PAGE  12
 *** 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
```

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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 ***   03/05/25
 *** 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 = 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

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


                                PAGE  14
 *** MODELOPTs:     RegDFAULT  CONC  ELEV  FLGPOL   URBAN   ADJ_U*
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = 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 ***    ***
                           ***       13:07:24


                                PAGE  15
 *** 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 ***   ***
                          ***   13:07:24

                          PAGE 16
 *** 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 ***   ***
                             ***       13:07:24


                            PAGE  17
 *** 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 ***   ***
                             ***       13:07:24
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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 = 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 ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   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 = 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 ***   ***
                            ***   13:07:24

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

                            PAGE 27
 *** 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
```

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

                          PAGE 28
 *** 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 ***   ***
                              ***        13:07:24


                              PAGE  29
 *** 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
```
♠ *** AERMOD - VERSION 24142   ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                              ***   13:07:24

                              PAGE 30
 *** 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
```

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

                          PAGE 31
 *** 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
```
♠ *** AERMOD - VERSION 24142   ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                          ***   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 = 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 ***       03/05/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        13:07:24


                        PAGE  33
 *** 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

                        PAGE 34
 *** 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 ***   ***
                        ***      13:07:24

                        PAGE  35
 *** 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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                            PAGE  36
 *** 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
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Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   13:07:24

                              PAGE 37
 *** 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 ***   ***
                       ***   13:07:24

                              PAGE 38
 *** 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 ***   ***
                            ***   13:07:24

                          PAGE 39
 *** 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
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                        ***   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 = 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
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***

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

                              PAGE  42
 *** 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);


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

                              PAGE  43
 *** 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 1 1 1 1   1 1 1
1 1 1 1 1 1  1 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.
```

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

                              PAGE 44
 *** 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   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  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  ***    *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
 *** AERMET - VERSION  22112 ***    ***
                      ***        13:07:24

                     PAGE  45
 *** 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_10    IN MICROGRAMS/M**3
              **


      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)
```

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        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

                          PAGE 46
 *** 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_10   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)

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

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

                                  PAGE  47
 *** 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      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

                                  PAGE  48
 *** 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.
```

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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
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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
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     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
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    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
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    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
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     EMISFACT VOL12          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  Saturday:
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  Sunday:
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL12          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  WeekDays:
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
     EMISFACT VOL13          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  Saturday:
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  Sunday:
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL13          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  WeekDays:
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
     EMISFACT VOL14          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  Saturday:
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  Sunday:
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL14          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  WeekDays:
     EMISFACT VOL15          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
     EMISFACT VOL15          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
     EMISFACT VOL15          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
     EMISFACT VOL15          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
**  Saturday:
     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
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    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
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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
** 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
   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
** WeekDays:
   EMISFACT VOL22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   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
** 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
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   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
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    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
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   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
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    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:    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_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

♠ *** 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*

                                            *** 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
 -
- - - - - - - - - - - - - - - - - - -

 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 ***

              NUMBER EMISSION RATE    LOCATION OF AREA  BASE     RELEASE   NUMBER
  INIT.   URBAN  EMISSION RATE    AIRCRAFT
   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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 *** AERMET - VERSION  22112 ***   ***
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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   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   , PAREA1   ,
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Terravita\16380 Terravita.is ***   03/05/25
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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 = 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
```

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 = 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 ***   ***
                       ***   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 = 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 ***   ***
                         ***      13:00:52


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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 = 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
```

```
 *** 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
```

 *** 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 ***   ***
 *** 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 ***   ***
                        ***   13:00:52

                              PAGE   14
 *** 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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                              PAGE  15
 *** 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
```

 *** 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 ***   ***
                      ***   13:00:52

 *** 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

```
  6  .0000E+00    7  .0000E+00    8  .0000E+00
     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
 14  .1000E+01   15  .1000E+01   16  .1000E+01
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
 22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SATURDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
  6  .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
 14  .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
 22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
  6  .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
 14  .0000E+00   15  .0000E+00   16  .0000E+00
    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

                                    PAGE 18

 *** 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
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
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 = 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 ***   ***
                          ***   13:00:52

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

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

 SOURCE ID = 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
```

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

                             PAGE 22
 *** 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
 *** AERMET - VERSION  22112 ***   ***
                        ***       13:00:52


                        PAGE  23
 *** 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
```
⬆ *** 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 = 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
 ⬆ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is ***   03/05/25
  *** AERMET - VERSION 22112 ***   ***
                       ***   13:00:52

                                  PAGE 25
  *** 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
 -
 -
                                      DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
 6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
 14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
  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 = 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
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                             ***   13:00:52

                                 PAGE 27
 *** 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
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                             ***   13:00:52

                                 PAGE 28
 *** 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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♠ *** 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 = 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
```

↥ *** 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 = 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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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 = 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
⬆ *** 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 = 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 ***   03/05/25
 *** 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 = 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 ***   ***
                          ***   13:00:52

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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 = 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

                    * 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

                    * 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 ***   ***
                       ***   13:00:52

                             PAGE 37
 *** 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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♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                            ***   13:00:52

                           PAGE 38
 *** 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 ***   ***
                            ***      13:00:52

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

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

                         PAGE 41
 *** 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);
```
⬆ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                        ***   13:00:52

                        PAGE   42
 *** 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);
```

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

                        PAGE   43
 *** 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 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

          NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.

                                        *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***

                                              (METERS/SEC)

                                         1.54,   3.09,   5.14,   8.23,
10.80,
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   03/05/25
 *** AERMET - VERSION 22112 ***   ***
                    ***   13:00:52

                                    PAGE 44
 *** 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              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  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  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        03/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:00:52

                         PAGE  45
 *** 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     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)
```

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

                              PAGE 46
 *** 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       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)

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


                                   PAGE  47
  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


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


                                   ** CONC OF PM_2.5   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      3.76965  ON 21121324: AT (   431828.48,
 3720830.29,    96.22,   114.81,    2.00) DC


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
```

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

                              PAGE 48
 *** 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: 2/28/2025
** File: C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\Ops LST CO\Ops LST
CO.ADI
**
***************************************
**
**
***************************************
** 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 ***
 **********************************

♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        02/28/25
 *** AERMET - VERSION  22112 ***   ***
                       ***         10:34:43

                              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: 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

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   10:34:43

                                PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                                 *** VOLUME SOURCE DATA ***

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

 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
```

♠ *** 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*

                                    *** 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
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   10:34:43

                       PAGE   4
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

```
  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 ***   ***
                       ***   10:34:43

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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);
```
⬆ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                     ***   10:34:43

                          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);
```

⬆ *** 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*


                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***

                                              (1=YES; 0=NO)


          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1


           NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.




                                   *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***

                                              (METERS/SEC)

                                      1.54,    3.09,    5.14,    8.23,
10.80,
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   10:34:43

                              PAGE   8
 *** 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              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  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
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 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  ***    *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        02/28/25
 *** AERMET - VERSION  22112 ***    ***
                         ***        10:34:43

                         PAGE   9
 *** 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
```

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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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⬆ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is ***   02/28/25
*** AERMET - VERSION 22112 ***   ***
                    ***   10:34:43

                     PAGE 10

 *** 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)

 ♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is ***   02/28/25
  *** AERMET - VERSION 22112 ***   ***
                         ***   10:34:43

                            PAGE 11
  *** 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)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
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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
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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
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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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♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   10:34:43

                       PAGE 12
 *** 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

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       , 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)

♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        02/28/25
 *** AERMET - VERSION  22112 ***    ***
                       ***        10:34:43

                                    PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***

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

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

- -

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

                              PAGE 14
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

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

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

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

                              PAGE 15
 *** 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 NOx.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 ***
 **********************************

♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***       02/28/25
 *** AERMET - VERSION  22112 ***   ***
                      ***      10:59:25

                              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: 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

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                        ***   10:59:25

                              PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL   URBAN   ADJ_U*

                                        *** VOLUME SOURCE DATA ***

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

 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 Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   10:59:25

                                    PAGE   3

 *** 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   ,

                                        *** 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 ***   ***
                        ***   10:59:25

                                *** 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);
```
⬆ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   10:59:25

                          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);
```

⬆ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25

```
 *** AERMET - VERSION  22112 ***     ***
                        ***           10:59:25


                                       PAGE    7
 *** 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 1  1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1


          NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.




                                         *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***

                                              (METERS/SEC)

                                         1.54,    3.09,    5.14,    8.23,
10.80,
```
♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
```
 *** AERMET - VERSION  22112 ***     ***
                        ***           10:59:25


                                       PAGE    8
 *** 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              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  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  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        02/28/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       10:59:25


                               PAGE   9
 *** 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)
```
⬥ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                        ***   10:59:25

                        PAGE 10
 *** 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   , . . .   ,

** 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)				

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                    ***   10:59:25

                                   PAGE 11
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

                            ** CONC OF NOX   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       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
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        02/28/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        10:59:25

                             PAGE  12
 *** 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 ***
 ********************************


 ⬆ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        02/28/25
 *** 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
```

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                         ***   11:11:38

                              PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

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

                      PAGE   3
 *** 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
 Terravita\16380 Terravita.is ***        02/28/25
  *** AERMET - VERSION  22112 ***   ***
                           ***        11:11:38

                                    PAGE   4
  *** 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         ,
 ♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
 Terravita\16380 Terravita.is ***        02/28/25
```

                                            *** 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);
```

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                        ***   11:11:38

                     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);

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                        ***   11:11:38

                     PAGE   7
 *** 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 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.

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                            ***   11:11:38

                                  PAGE   8
 *** 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   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  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 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                          ***   11:11:38

```
 *** 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_10    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)
     ♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
     Terravita\16380 Terravita.is ***        02/28/25
      *** AERMET - VERSION  22112 ***   ***
                             ***        11:11:38


                                   PAGE  10
      *** 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_10    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)
```

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                               ***   11:11:38

                              PAGE 11
 *** 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

                              PAGE 12
 *** 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 ***
 *********************************


 ♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***       02/28/25
 *** AERMET - VERSION  22112 ***   ***
                        ***       11:15:51

                              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_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
```

♠ *** AERMOD - VERSION 24142 *** *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                           ***   11:15:51

                           PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                       *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	EMISSION RATE SCALAR VARY BY	AIRCRAFT	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
VOL1	0	0.31500E-04		NO	431744.3	3720778.9	108.6	5.00	13.89	1.40	YES
VOL2	0	0.31500E-04		NO	431744.2	3720719.8	110.2	5.00	13.89	1.40	YES
VOL3	0	0.31500E-04		NO	431804.3	3720766.5	107.2	5.00	13.89	1.40	YES
VOL4	0	0.31500E-04		NO	431777.5	3720706.4	110.2	5.00	13.89	1.40	YES
VOL5	0	0.31500E-04		NO	431838.7	3720705.6	105.2	5.00	13.89	1.40	YES
VOL6	0	0.31500E-04		NO	431871.3	3720796.4	98.6	5.00	13.89	1.40	YES
VOL7	0	0.31500E-04		NO	431859.0	3720765.4	106.3	5.00	13.89	1.40	YES
VOL8	0	0.31500E-04		NO	431919.5	3720735.5	97.4	5.00	13.89	1.40	YES
VOL9	0	0.31500E-04		NO	431859.4	3720645.5	105.3	5.00	13.89	1.40	YES
VOL10	0	0.31500E-04		NO	431899.6	3720704.9	103.6	5.00	13.89	1.40	YES
VOL11	0	0.31500E-04		NO	431793.2	3720683.0	110.2	5.00	13.89	1.40	YES
VOL12	0	0.31500E-04		NO	431854.8	3720601.9	105.7	5.00	13.89	1.40	YES
VOL13	0	0.31500E-04		NO	431870.5	3720582.0	104.7	5.00	13.89	1.40	YES
VOL14	0	0.31500E-04		NO	431888.9	3720564.7	103.9	5.00	13.89	1.40	YES
VOL15	0	0.31500E-04		NO	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
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*

                                    *** 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
  Terravita\16380 Terravita.is ***        02/28/25
   *** AERMET - VERSION  22112 ***   ***
                           ***       11:15:51

                                     PAGE   4
   *** 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         ,
  ♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
  Terravita\16380 Terravita.is ***        02/28/25
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 *** AERMET - VERSION  22112 ***    ***
                        ***        11:15:51

                            PAGE   5
 *** 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);
```

♠ *** AERMOD - VERSION 24142 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380 Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                           ***   11:15:51

                          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);

♠ *** 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*

                                    *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***

                                             (1=YES; 0=NO)

         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

         NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.

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

                                              1.54,   3.09,   5.14,   8.23,
10.80,
 ♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***        02/28/25
  *** AERMET - VERSION  22112 ***   ***
                              ***       11:15:51

                                    PAGE   8
  *** 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               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  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 ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
Terravita\16380 Terravita.is ***   02/28/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   11:15:51

```
 *** 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
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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
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      3720457.81          0.04707m (21010924)
          431793.30   3720942.34          0.02014m (20112524)                431690.56
      3720987.19          0.01404m (20112524)
  ♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\adadabhoy\Desktop\AERMOD\16380
  Terravita\16380 Terravita.is ***          02/28/25
   *** AERMET - VERSION  22112 ***   ***
                              ***          11:15:51


                                 PAGE  10
   *** 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

                              PAGE 11
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

                              ** CONC OF PM_2.5   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   0.11088m 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

                              PAGE 12
 *** 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
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 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 ***
     **********************************
```