Kimley»Horn

MEMORANDUM

To:	Danica Nguyen, Sam Wang, Michael Krause
	South Coast Air Quality Management District (SCAQMD)
From:	Heidi Rous and Noemi Wyss
	Kimley-Horn and Associates, Inc.
Date:	January 13, 2023
Subject:	444 Nash Street IS/MND – AAQS Modeling Technical Memorandum

Methodology

This technical memorandum was prepared to summarize the analysis performed to determine whether the project would cause or contribute significantly to an ambient air quality standards (AAQS) from routine testing of emergency generators proposed to be located at 444 Nash Street, in El Segundo, California (Project Site). The methodology implemented is consistent with applicable SCAQMD guidance which largely follows Office of Environmental Health Hazard Assessment (OEHHA) but includes some notable local preferences, as discussed below.

Dispersion Modeling

The air dispersion modeling for the operational risk assessment was performed using United States Environmental Protection Agency (U.S. EPA) AERMOD dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. AERMOD regulatory defaults, the "Urban" modeling option for the County, and "Elevated" terrain were used for this analysis. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the project. Surface and upper air meteorological data is provided by CARB. Surface and upper air meteorological data from the Los Angeles International Airport was selected as being the most representative for meteorology based on proximity to the project site.

Emissions of nitrogen dioxide (NO_2), carbon monoxide (CO), particulate matter 10 microns or less in diameter (PM_{10}), and particulate matter 2.5 microns or less in diameter ($PM_{2.5}$) were calculated based on the largest generator's emission rates, which is conservative since regular maintenance and testing may involve short-duration operations from multiple generator models, including those with lower

emission rates. The emission sources were entered into AERMODas point sources with a release height of 20 feet (6.1 meters), which is appropriate for emergency generators

AERMOD was run to obtain the peak 1-hour, 8-hour, 24-hour and annual average (period) concentrations in micrograms per cubic meter ($\mu g/m^3$) at the nearby receivers at the property line and beyond. According to the SCAQMD, in order "to identify the maximum impacted receptors … a grid spacing of 100 meters or less must be used" (see page 16 of SCAQMD's Supplemental Guidelines). Due to the size of the Project site, receptors were modeled with a maximum of 50-meter grid spacing. The receiver grid extended 1,000 feet in every direction from the Project Site boundary. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. The modeling and analysis was prepared in accordance with the SCAQMD Modeling Guidance for AERMOD.[1] To incorporate the building downwash analysis the existing onsite building was digitized with a height of 10.67 meters (35 feet) and a plant boundary was drawn surrounding the Project site. The building profile input program (BPIP) was run to incorporate into the AERMOD program. The outputs from AERMOD include potential downwash effects.

Background of Air Quality Standards

For the purposes of establishing background concentrations of applicable criteria pollutants, this AAQA relied on SCAQMD monitoring values, the raw data for which were collected during the years 2020, 2019, and 2018 at CARB/SCAQMD monitoring stations. Background values were selected from the monitoring station with the closest proximity to the Project site and from the year with the highest NO_2, CO, PM_{10}. And $PM_{2.5}$ concentrations.

AAQS Modeling Analysis

Dispersion modeling was performed using the SCAQMD-preferred model, AERMOD, including building downwash considerations. Emissions were calculated using project-specific emission data and factors. The maximum off-site concentrations of NO_2 and CO from Project operations were added to the appropriate historical background concentrations and compared to the applicable AAQS. If an AAQS is not exceeded, the project is judged to not cause or contribute substantively to an AAQS violation for that pollutant. The SCAQMD has developed alternative significant impact thresholds for fugitive emissions of PM_{10} and $PM_{2.5}$, as shown in Table A: Maximum Off-Site Concentrations from Operations. If a source's maximum impacts are below the applicable significant impact thresholds,

[1] South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/modeling-guidance, accessed January 19, 2022.

the project is judged to not cause or contribute significantly to an AAQS violation or cause an increment violation.

As shown on Table A, maximum emissions from the Project during routine generator maintenance and testing will not cause or contribute to a violation of an applicable NO_2 or CO NAAQS or CAAQS or cause an increment exceedance of the SCAQMD significant impact levels for the annual and 24-hour averaging periods for PM_{10} and $PM_{2.5}$.

Table A: Maximum Off-Site Concentrations from Operations

Pollutant	Averaging Time	Maximum Modeled Concentration (µg/m³)	Background Concentration (ppm)	Background Concentration[1] (µg/m³)	Total Ground Level Concentration (µg/m³)	SCAQMD Threshold (µg/m³)[2]	Threshold Exceeded?[3]
NO_2[4]	1-hour	140.81	0.0597	112.34	253.15	339 (state)	No
	1-hour[5]	55.49	0.0509	95.78	151.27	188 (federal)	No
	Annual	0.79	0.0095	17.88	18.67	57 (state)	No
	Annual					100 (federal)	No
CO	1-hour	5.39	1.6	1,832.97	1,838.36	23,000 (state)	No
	1-hour					40,000 (federal)	No
	8-hour	2.83	1.3	1,489.29	1,492.12	10,000 (state/fed)	No
PM_{10}[6]	24-hour	0.13	--	--	0.13	2.5 (SCAQMD)	No
	Annual	0.01	--	--	0.01	1.0 (SCAQMD)	No
$PM_{2.5}$[6]	24-hour	0.13	--	--	0.13	2.5 (SCAQMD)	No

Notes:

1. Background concentrations are from the Southwest Coastal LA County Station #820 (2020).
2. All thresholds are shown in micrograms per cubic meter (µg/m³) for comparison to modeled concentrations.
3. Exceedances of the thresholds are indicated in bold.
4. NO_2 concentrations were calculated per Tier 2 ARM2 ratios in U.S. EPA's 40 CFR Part 51 Appendix W, Section 4.2.3.4. Conversion of NO_X to NO_2 use U.S. EPA minimum and maximum default values NO_2/NO_X of 0.5 and 0.9, respectively.
5. This comparison is to the federal NAAQS, which is a 98th percentile threshold. The background concentration is the average of the 8th highest daily maximum 1-hour concentration.
6. The thresholds for PM_{10} and $PM_{2.5}$ are incremental thresholds; therefore, the incremental concentration without background is compared to the threshold.

Conclusion

The results of the refined AAQS modeling demonstrate that maximum off-site concentrations from operational emissions would not exceed any applicable NAAQS, CAAQS or SCAQMD thresholds and localized impacts are predicted to be less than significant.

Appendix A

Modeling Data

Table 1 Emergency Standby Generator Specifications[4]

Permitting Status		Existing Generators		Permitted Generators	Future Generators	
Manufacturer		CAT	CAT	CAT	CAT	CAT
Model		3516C HD	C-15	3516C	3516C	C-32
Rating	kWe	2,500	550	2,500	2,500	1,250
Power generation per unit @ 100% load	kWm	2,709	581	2,710	2,710	1,355
	HP	3,633	779	3,634	3,634	1,816
Number of units		3	1	4	5	2
Annual maximum maintenance and testing hours		50	50	50	50	50
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel
Fuel high heat value	MMBtu/gal	0.138	0.138	0.138	0.138	0.138

1. Based on manufacturer specifications for CAT 3516c HD (existing) and CAT 3516C (proposed). C-15 information based on Certified Equipment Permits (CEP) provided by SCAQMD in December 2010.

2. Per SCAQMD Rule 1470(c) (2)(C) (i), maintenance and testing operations are limited to 50 hours per year per generator.

3. Potential to emit (PTE) of an engine is based on the limit of 50 hours on maintenane and testing operations per year, in accordance with South Coast AQMD's policy and procedures No. EC-02-09, dated 2/24/2009.

4. Total operation of emergency generators will be limited to 200 hours per year per generator and to be exempt from emissions limits set under Rule 1110.2 pursuant to Rule 1110.2(i)(1)(B).

Table 2 Emission Factors at 100% Operational Load

Pollutant	CAT 3516C HD Emission Factors (per generator)		CAT C-15 Emission Factors (per generator)		CAT 3516C Emission Factors (per generator)		CAT 3516C Emission Factors (per generator)		CAT C-32 Emission Factors (per generator)	
	g/hp-hr	lb/hr	g/hp-hr	lb/hr	g/hp-hr	lb/hr	g/hp-hr	lb/hr	g/hp-hr	lb/hr
NOx	3.7	29.63	2.85	4.89	3.79	30.36	3.79	30.36	3.79	15.17
CO	0.76	6.09	1.83	3.14	0.45	3.61	0.45	3.61	0.76	3.04
PM_{10}	0.05	0.40	0.098	0.17	0.05	0.40	0.05	0.40	0.05	0.20
$PM_{2.5}$	0.05	0.40	0.098	0.17	0.05	0.40	0.05	0.40	0.05	0.20
SO_2	0.006	0.05	0.006	0.01	0.006	0.05	0.006	0.05	0.006	0.02
VOC	0.14	1.12	0.09	0.15	0.02	0.16	0.02	0.16	0.14	0.56
CO_2	518	4148.87	518	889.61	518	4150.01	518	4150.01	518	2073.52
N_2O	0.004	0.03	0.004	0.01	0.004	0.03	0.004	0.03	0.004	0.02
CH4	0.02	0.16	0.02	0.03	0.02	0.16	0.02	0.16	0.02	0.08
CO_2e	519	4156.88	519	891.33	519	4158.02	519	4158.02	519	2077.52
Benzene	0.002	0.02	0.002	0.00	0.02	0.16	0.02	0.16	0.002	0.01
Toluene	8.90E-04	0.01	8.90E-04	0.00	8.90E-04	0.01	8.90E-04	0.01	8.90E-04	0.00
Formaldehyde	2.50E-04	0.00	2.50E-04	0.00	2.50E-04	0.00	2.50E-04	0.00	2.50E-04	0.00
Acetaldehyde	8.00E-05	0.00	8.00E-05	0.00	8.00E-05	0.00	8.00E-05	0.00	8.00E-05	0.00
Acrolein	2.50E-05	0.00	2.50E-05	0.00	2.50E-05	0.00	2.50E-05	0.00	2.50E-05	0.00
Naphthalene	4.10E-04	0.00	4.10E-04	0.00	4.10E-04	0.00	4.10E-04	0.00	4.10E-04	0.00
Total HAP	0.005	0.04	5.00E-03	0.01	5.00E-03	0.04	5.00E-03	0.04	0.005	0.02

1. Existing CAT 3516C HD information based on manufacturer specifications. C-15 information based on Certified Equipment Permits (CEP) provided by SCAQMD in December 2010. Emission factors of proposed CAT 3516C are based on CEP Application Number 554732. Emission factors were converted from (g/hp-hr) to (lb/hr) by multiplying the corresponding engine power (bhp) and converting from grams to pounds.

2. Conservatively estimated $PM=PM_{10}=PM_{2.5}$.

3. SO_2 emissions based on AP-42 Section 3.4 (10/96) emission rate of 8.09e-3 lb/hp-hr. Sulfur content of ultra-low sulfur diesel is 15 ppm.

4. Global Warming Potential from 40 CFR 98 Subpart A Table A-1. Emission factors from 40 CFR 98 Table C-1 and C-2 for petroleum fuel.

5. HAP emissions based on AP-42 Table 3.4-3. Speciated organic compound emission factors for large uncontrolled stationary diesel engines.

6. Proposed generators (CAT 3516C) is EPA Tier 2 certified and certified through SCAQMD, therefore meets the emission limits set under Rule 1470(c) (2)(C)(vii).

7. Sample Calculation:

$$100\%\ Load\ NO_X\left(^{lb}/_{hr}\right) = 3.70\left(^{g}/_{hp-hr}\right) * 3.633\ hp * \left(\frac{1\ lb}{453.592\ g}\right) = 29.63\ lb/hr$$

Table 3 Estimated Facility-wide Projected Annual Emissions and PTE[1]

				Future					
Pollutant	CAT 3516C HD (total) PTE tpy	CAT C-15 (total) PTE tpy	CAT 3516C (total) PTE tpy	CAT 3516C (total) PTE tpy	CAT C-32 (total) PTE tpy	Facility-wide Emissions PTE lb/day (avg)	Facility-wide Emissions PTE tpy	Title V Threshold[2] tpy	Maximum Daily[3] Mitigated lb/day
NOx	2.22	0.12	3.04	3.80	0.76	54.44	9.94	10	54.66
CO	0.46	0.08	0.36	0.45	0.15	8.21	1.50	50	10.96
PM_{10}	0.03	0.004	0.04	0.05	0.01	0.74	0.13	70	0.72
$PM_{2.5}$	0.03	0.004	0.04	0.05	0.01	0.74	0.13	---	0.72
SO2	0.00	0.000	0.005	0.01	0.001	0.09	0.02	100	0.09
VOC	0.08	0.004	0.02	0.02	0.03	0.83	0.15	10	2.02
CO_2e	312	22	416	520	104	7526	1373	100,000	
Total HAP	0.003	0.000	0.004	0.005	0.001	0.07	0.01	25	

1. Potential to emit (PTE) is based on the limit of 50 hours on maintenance and testing operation per generator per year, in accordance with SCAQMD's policy and procedures No. EC-02-09, dated 2/24/2009. Maximum lb/day emissions are based on 365 days/year.

2. Title V thresholds pursuant to South Coast AQMD Rule 3001(b)(2) Table 2 and 3001(c)(9).

3. Based on the largest emission factor for each pollutant, engine running 108 minutes per day, in accordance with MM AQ-1

Emissions Factors

Pollutant	CAT 3516C Emission Factors (per generator)					
	g/hp-hr	lb/hr	total lbs/day (max 1.8 hours)	Total grams/day	Total grams/sec per day	g/s per day (max 10 hours/day)
PM_{10}	0.05	0.40	0.72	327.06	0.0505	0.0050
$PM_{2.5}$	0.05	0.40	0.72	327.06	0.0505	0.0050
Nox (annual)	3.79	30.36	54.66	24791.15	3.8258	0.3826
NO_x (1hr)	3.79	30.36	54.66	24791.15	3.8258	
CO (annual)	0.45	3.61	6.49	2943.54	0.4543	0.0454

AERMOD Output Summary Table

		1hr	8hr	24hr	period
Individual	PM_{10}	--	--	0.13	0.01
	$PM_{2.5}$	--	--	0.13	0.01
	NO_2	55.49[a]	--	--	0.79
		140.81	--	--	--
	CO	5.39	2.83	--	--

a. 8th highest daily maximum 1-hour concentration for federal NAAQS comparison

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** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
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** AERMOD Control Pathway
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CO STARTING
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   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 10040000 LA_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Ollie__PM10.err
CO FINISHED
**
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** AERMOD Source Pathway
**************************************
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SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1        0.005047222     5.000   763.850 224.390836796445     0.229


** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67

   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
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   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

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   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

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   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

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** Variable Emission Scenario: "Scenario 1"
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   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
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   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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SO FINISHED
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** AERMOD Receptor Pathway
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RE FINISHED
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** AERMOD Meteorology Pathway
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ME STARTING
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   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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OU STARTING
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   RECTABLE 24 1ST
** Maximum Annual Average POST files for Each Met Year
   POSTFILE ANNUAL ALL PLOT OLLIE__PM10.AD\ANNUAL_G001.PLT 31
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST OLLIE__PM10.AD\24H1GALL.PLT 32
   PLOTFILE ANNUAL ALL OLLIE__PM10.AD\AN00GALL.PLT 33
   SUMMFILE Ollie__PM10.sum
OU FINISHED
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** Project Parameters
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** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
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** ZONEINX  0
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** Lakes Environmental Software Inc.
** Date: 1/10/2023
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** AERMOD Control Pathway
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   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 10040000 LA_County
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL Ollie_CO.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1         0.045425     5.000   763.850 224.390836796445     0.229


** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67

   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
```

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   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
```

```
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ollie_CO.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OLLIE_CO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST OLLIE_CO.AD\08H1GALL.PLT 32
   SUMMFILE Ollie_CO.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
```

```
** ZONE     11
** ZONEINX  0
**
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie_NOx\Ollie_NOx.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie_NOx\Ollie_NOx.isc
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1 ANNUAL
   URBANOPT 10040000 LA_County
   POLLUTID NO2
   RUNORNOT RUN
** NO2 Conversion Options
   ARMRATIO 0.500 0.900
   ERRORFIL Ollie_NOx.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1        0.382579444     5.000   763.850 224.390836796445     0.229


** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67
```

```
   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ollie_NOx.rou
RE FINISHED
**
**************************************
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```
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Maximum Annual Average POST files for Each Met Year
   POSTFILE ANNUAL ALL PLOT OLLIE_NOX.AD\ANNUAL_G001.PLT 31
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OLLIE_NOX.AD\01H1GALL.PLT 32
   PLOTFILE 1 ALL 8TH OLLIE_NOX.AD\01H8GALL.PLT 33
   PLOTFILE ANNUAL ALL OLLIE_NOX.AD\AN00GALL.PLT 34
   MXDYBYYR ALL OLLIE_NOX.AD\MXDYBYYR_ALL_NO2.DAT 35
   MAXDAILY ALL OLLIE_NOX.AD\MAXDAILY_ALL_NO2.DAT 36
   SUMMFILE Ollie_NOx.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1
   URBANOPT 10040000 LA_County
   POLLUTID NO2
   RUNORNOT RUN
** NO2 Conversion Options
   ARMRATIO 0.500 0.900
   ERRORFIL Ollie_NOx_1hr.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1         3.825794     5.000   763.850 224.390836796445     0.229


** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67
```

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   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 1.0 0.8 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ollie_NOx_1hr.rou
RE FINISHED
**
**************************************
```

```
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OLLIE_NOX_1HR.AD\01H1GALL.PLT 31
   PLOTFILE 1 ALL 8TH OLLIE_NOX_1HR.AD\01H8GALL.PLT 32
   MXDYBYYR ALL OLLIE_NOX_1HR.AD\MXDYBYYR_ALL_NO2.DAT 33
   MAXDAILY ALL OLLIE_NOX_1HR.AD\MAXDAILY_ALL_NO2.DAT 34
   SUMMFILE Ollie_NOx_1hr.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie_PM2\Ollie_PM2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie_PM2\Ollie_PM2.isc
   MODELOPT DFAULT CONC
   AVERTIME 24 PERIOD
   URBANOPT 10040000 LA_County
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL Ollie_PM2.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1        0.005047222     5.000   763.850 224.390836796445     0.229


** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67

   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
```

```
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
```

```
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ollie_PM2.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST OLLIE_PM2.AD\24H1GALL.PLT 31
   PLOTFILE PERIOD ALL OLLIE_PM2.AD\PE00GALL.PLT 32
   SUMMFILE Ollie_PM2.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
```

```
** ZONEINX  0
**
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie__PM10\Ollie__PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie__PM10\Ollie__PM10.isc
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 10040000 LA_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Ollie__PM10.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1        0.005047222     5.000   763.850 224.390836796445     0.229

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67

   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
```

```
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
```

```
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED Ollie__PM10.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Maximum Annual Average POST files for Each Met Year
   POSTFILE ANNUAL ALL PLOT OLLIE__PM10.AD\ANNUAL_G001.PLT 31
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST OLLIE__PM10.AD\24H1GALL.PLT 32
   PLOTFILE ANNUAL ALL OLLIE__PM10.AD\AN00GALL.PLT 33
   SUMMFILE Ollie__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            3 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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


   ********   WARNING MESSAGES   ********
 SO W320      39        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     125       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     125       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:14:31

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =  10040000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
```

```
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

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

 **This Run Includes:      1 Source(s);       1 Source Group(s); and     286
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of Concurrent Values for Postprocessing
(POSTFILE 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) =    30.00 ;  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
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.50472E-02	371900.7	3754412.6	30.9	5.00	763.85	224.39	0.23	YES	YES	NO	HRDOW7

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	STCK1 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
10040000.	STCK1 ,	

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	113.8,	104.3,	-126.3,	36.1,	2	10.7,	124.1,	117.1,	-137.9,	22.7,
3	10.7,	130.7,	126.4,	-145.2,	8.5,	4	10.7,	133.3,	131.9,	-148.2,	-5.8,
5	10.7,	131.9,	133.3,	-146.7,	-20.0,	6	10.7,	126.4,	130.7,	-140.7,	-33.6,
7	10.7,	117.1,	124.1,	-130.4,	-46.2,	8	10.7,	104.3,	113.8,	-116.1,	-57.3,
9	0.0,	0.0,	0.0,	0.0,	0.0,	10	0.0,	0.0,	0.0,	0.0,	0.0,
11	0.0,	0.0,	0.0,	0.0,	0.0,	12	0.0,	0.0,	0.0,	0.0,	0.0,
13	0.0,	0.0,	0.0,	0.0,	0.0,	14	0.0,	0.0,	0.0,	0.0,	0.0,
15	0.0,	0.0,	0.0,	0.0,	0.0,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	10.7,	113.8,	104.3,	5.2,	-59.3,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	10.7,	124.1,	117.1,	20.7,	-22.7,
21	10.7,	130.7,	126.4,	18.8,	-8.5,	22	10.7,	133.3,	131.9,		

16.3,   5.8,
   23   10.7, 131.9, 133.3,   13.3,   20.0,   24   10.7, 126.4, 130.7,
10.0,   33.6,
   25   10.7, 117.1, 124.1,   6.3,   46.2,   26   10.7, 104.3, 113.8,
2.4,   57.3,
   27   0.0,   0.0,   0.0,   0.0,   0.0,   28   0.0,   0.0,   0.0,
0.0,   0.0,
   29   0.0,   0.0,   0.0,   0.0,   0.0,   30   0.0,   0.0,   0.0,
0.0,   0.0,
   31   0.0,   0.0,   0.0,   0.0,   0.0,   32   0.0,   0.0,   0.0,
0.0,   0.0,
   33   0.0,   0.0,   0.0,   0.0,   0.0,   34   0.0,   0.0,   0.0,
0.0,   0.0,
   35   10.7, 113.8, 104.3, -109.5,   59.3,   36   10.7,   99.9,   88.3,
-110.9,   48.4,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK1   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01

```
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .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 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:14:31

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 371460.4, 3753964.2,      34.9,      34.9,       0.0);         ( 371510.4,
3753964.2,      34.8,      34.8,       0.0);
     ( 371560.4, 3753964.2,      35.0,      35.0,       0.0);         ( 371610.4,
3753964.2,      34.1,      34.1,       0.0);
     ( 371660.4, 3753964.2,      33.2,      33.2,       0.0);         ( 371710.4,
3753964.2,      32.7,      32.7,       0.0);
     ( 371760.4, 3753964.2,      32.0,      32.0,       0.0);         ( 371810.4,
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     ( 371860.4, 3753964.2,      32.2,      32.2,       0.0);         ( 371910.4,
3753964.2,      32.2,      32.2,       0.0);
     ( 371960.4, 3753964.2,      31.4,      31.4,       0.0);         ( 372010.4,
3753964.2,      30.2,      30.2,       0.0);
     ( 372060.4, 3753964.2,      30.3,      30.3,       0.0);         ( 372110.4,
3753964.2,      30.2,      30.2,       0.0);
     ( 372160.4, 3753964.2,      29.6,      29.6,       0.0);         ( 372210.4,
3753964.2,      30.0,      30.0,       0.0);
     ( 372260.4, 3753964.2,      30.5,      30.5,       0.0);         ( 371460.4,
3754014.2,      35.3,      35.3,       0.0);
     ( 371510.4, 3754014.2,      35.7,      35.7,       0.0);         ( 371560.4,
3754014.2,      35.3,      35.3,       0.0);
     ( 371610.4, 3754014.2,      34.2,      34.2,       0.0);         ( 371660.4,
3754014.2,      34.1,      34.1,       0.0);
     ( 371710.4, 3754014.2,      33.9,      33.9,       0.0);         ( 371760.4,
3754014.2,      32.0,      32.0,       0.0);
     ( 371810.4, 3754014.2,      32.1,      32.1,       0.0);         ( 371860.4,
3754014.2,      31.9,      31.9,       0.0);
     ( 371910.4, 3754014.2,      31.7,      31.7,       0.0);         ( 371960.4,
3754014.2,      31.3,      31.3,       0.0);
     ( 372010.4, 3754014.2,      30.1,      30.1,       0.0);         ( 372060.4,
3754014.2,      30.3,      30.3,       0.0);
     ( 372110.4, 3754014.2,      30.0,      30.0,       0.0);         ( 372160.4,
3754014.2,      29.8,      29.8,       0.0);
     ( 372210.4, 3754014.2,      30.2,      30.2,       0.0);         ( 372260.4,
3754014.2,      30.5,      30.5,       0.0);
     ( 371460.4, 3754064.2,      35.0,      35.0,       0.0);         ( 371510.4,
3754064.2,      35.6,      35.6,       0.0);
     ( 371560.4, 3754064.2,      35.4,      35.4,       0.0);         ( 371610.4,
3754064.2,      33.9,      33.9,       0.0);
     ( 371660.4, 3754064.2,      33.8,      33.8,       0.0);         ( 371710.4,
3754064.2,      33.5,      33.5,       0.0);
     ( 371760.4, 3754064.2,      32.2,      32.2,       0.0);         ( 371810.4,
3754064.2,      32.2,      32.2,       0.0);
     ( 371860.4, 3754064.2,      31.5,      31.5,       0.0);         ( 371910.4,
3754064.2,      31.2,      31.2,       0.0);
     ( 371960.4, 3754064.2,      31.3,      31.3,       0.0);         ( 372010.4,
3754064.2,      30.1,      30.1,       0.0);
     ( 372060.4, 3754064.2,      30.4,      30.4,       0.0);         ( 372110.4,
3754064.2,      30.1,      30.1,       0.0);
     ( 372160.4, 3754064.2,      29.7,      29.7,       0.0);         ( 372210.4,
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     ( 372260.4, 3754064.2,      30.4,      30.4,       0.0);         ( 371460.4,
3754114.2,      34.4,      34.4,       0.0);
     ( 371510.4, 3754114.2,      34.7,      34.7,       0.0);         ( 371560.4,
3754114.2,      34.8,      34.8,       0.0);
     ( 371610.4, 3754114.2,      34.4,      34.4,       0.0);         ( 371660.4,
3754114.2,      33.6,      33.6,       0.0);
     ( 371710.4, 3754114.2,      32.8,      32.8,       0.0);         ( 371760.4,
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     (371810.4, 3754114.2,   31.9,   31.9,   0.0);   (371860.4,
3754114.2,   31.3,   31.3,   0.0);
     (371910.4, 3754114.2,   30.7,   30.7,   0.0);   (371960.4,
3754114.2,   30.7,   30.7,   0.0);
     (372010.4, 3754114.2,   30.2,   30.2,   0.0);   (372060.4,
3754114.2,   30.4,   30.4,   0.0);
     (372110.4, 3754114.2,   30.2,   30.2,   0.0);   (372160.4,
3754114.2,   29.9,   29.9,   0.0);
     (372210.4, 3754114.2,   30.5,   30.5,   0.0);   (372260.4,
3754114.2,   30.4,   30.4,   0.0);
     (371460.4, 3754164.2,   35.0,   35.0,   0.0);   (371510.4,
3754164.2,   35.6,   35.6,   0.0);
     (371560.4, 3754164.2,   35.3,   35.3,   0.0);   (371610.4,
3754164.2,   34.4,   34.4,   0.0);
     (371660.4, 3754164.2,   34.1,   34.1,   0.0);   (371710.4,
3754164.2,   33.8,   33.8,   0.0);
     (371760.4, 3754164.2,   32.5,   32.5,   0.0);   (371810.4,
3754164.2,   32.2,   32.2,   0.0);
     (371860.4, 3754164.2,   31.6,   31.6,   0.0);   (371910.4,
3754164.2,   31.2,   31.2,   0.0);
     (371960.4, 3754164.2,   30.3,   30.3,   0.0);   (372010.4,
3754164.2,   30.2,   30.2,   0.0);
     (372060.4, 3754164.2,   30.3,   30.3,   0.0);   (372110.4,
3754164.2,   30.3,   30.3,   0.0);
     (372160.4, 3754164.2,   30.4,   30.4,   0.0);   (372210.4,
3754164.2,   30.9,   30.9,   0.0);
     (372260.4, 3754164.2,   30.5,   30.5,   0.0);   (371460.4,
3754214.2,   35.1,   35.1,   0.0);
     (371510.4, 3754214.2,   35.7,   35.7,   0.0);   (371560.4,
3754214.2,   35.7,   35.7,   0.0);
     (371610.4, 3754214.2,   34.9,   34.9,   0.0);   (371660.4,
3754214.2,   34.0,   34.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (371710.4, 3754214.2,   33.6,   33.6,   0.0);   (371760.4,
3754214.2,   32.6,   32.6,   0.0);
     (371810.4, 3754214.2,   32.6,   32.6,   0.0);   (371860.4,
3754214.2,   31.2,   31.2,   0.0);
     (371910.4, 3754214.2,   30.2,   30.2,   0.0);   (371960.4,

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3754214.2,      30.8,      30.8,       0.0);
     ( 372010.4, 3754214.2,      30.6,      30.6,       0.0);         ( 372060.4,
3754214.2,      30.6,      30.6,       0.0);
     ( 372110.4, 3754214.2,      30.2,      30.2,       0.0);         ( 372160.4,
3754214.2,      30.3,      30.3,       0.0);
     ( 372210.4, 3754214.2,      30.7,      30.7,       0.0);         ( 372260.4,
3754214.2,      30.5,      30.5,       0.0);
     ( 371460.4, 3754264.2,      35.6,      35.6,       0.0);         ( 371510.4,
3754264.2,      36.0,      36.0,       0.0);
     ( 371560.4, 3754264.2,      36.0,      36.0,       0.0);         ( 371610.4,
3754264.2,      33.2,      33.2,       0.0);
     ( 371660.4, 3754264.2,      32.8,      32.8,       0.0);         ( 371710.4,
3754264.2,      32.5,      32.5,       0.0);
     ( 371760.4, 3754264.2,      32.4,      32.4,       0.0);         ( 371810.4,
3754264.2,      32.4,      32.4,       0.0);
     ( 371860.4, 3754264.2,      31.0,      31.0,       0.0);         ( 371910.4,
3754264.2,      30.4,      30.4,       0.0);
     ( 371960.4, 3754264.2,      30.7,      30.7,       0.0);         ( 372010.4,
3754264.2,      30.8,      30.8,       0.0);
     ( 372060.4, 3754264.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754264.2,      30.9,      30.9,       0.0);
     ( 372160.4, 3754264.2,      30.2,      30.2,       0.0);         ( 372210.4,
3754264.2,      30.6,      30.6,       0.0);
     ( 372260.4, 3754264.2,      30.7,      30.7,       0.0);         ( 371460.4,
3754314.2,      35.5,      35.5,       0.0);
     ( 371510.4, 3754314.2,      35.8,      35.8,       0.0);         ( 371560.4,
3754314.2,      35.3,      35.3,       0.0);
     ( 371610.4, 3754314.2,      33.6,      33.6,       0.0);         ( 371660.4,
3754314.2,      33.6,      33.6,       0.0);
     ( 371710.4, 3754314.2,      33.0,      33.0,       0.0);         ( 371760.4,
3754314.2,      32.3,      32.3,       0.0);
     ( 371960.4, 3754314.2,      30.5,      30.5,       0.0);         ( 372010.4,
3754314.2,      30.5,      30.5,       0.0);
     ( 372060.4, 3754314.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754314.2,      30.8,      30.8,       0.0);
     ( 372160.4, 3754314.2,      30.6,      30.6,       0.0);         ( 372210.4,
3754314.2,      30.7,      30.7,       0.0);
     ( 372260.4, 3754314.2,      30.6,      30.6,       0.0);         ( 371460.4,
3754364.2,      34.4,      34.4,       0.0);
     ( 371510.4, 3754364.2,      34.0,      34.0,       0.0);         ( 371560.4,
3754364.2,      33.6,      33.6,       0.0);
     ( 371610.4, 3754364.2,      32.9,      32.9,       0.0);         ( 371660.4,
3754364.2,      33.0,      33.0,       0.0);
     ( 371710.4, 3754364.2,      32.7,      32.7,       0.0);         ( 371760.4,
3754364.2,      32.2,      32.2,       0.0);
     ( 371960.4, 3754364.2,      30.6,      30.6,       0.0);         ( 372010.4,
3754364.2,      30.1,      30.1,       0.0);
     ( 372060.4, 3754364.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754364.2,      30.9,      30.9,       0.0);
     ( 372160.4, 3754364.2,      30.4,      30.4,       0.0);         ( 372210.4,
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3754364.2,   30.7,   30.7,   0.0);
     (372260.4, 3754364.2,   30.7,   30.7,   0.0);   (371460.4,
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     (371510.4, 3754414.2,   34.1,   34.1,   0.0);   (371560.4,
3754414.2,   33.7,   33.7,   0.0);
     (371610.4, 3754414.2,   32.5,   32.5,   0.0);   (371660.4,
3754414.2,   32.6,   32.6,   0.0);
     (371710.4, 3754414.2,   32.4,   32.4,   0.0);   (371760.4,
3754414.2,   31.9,   31.9,   0.0);
     (371960.4, 3754414.2,   30.6,   30.6,   0.0);   (372010.4,
3754414.2,   30.4,   30.4,   0.0);
     (372060.4, 3754414.2,   30.7,   30.7,   0.0);   (372110.4,
3754414.2,   30.9,   30.9,   0.0);
     (372160.4, 3754414.2,   30.4,   30.4,   0.0);   (372210.4,
3754414.2,   30.7,   30.7,   0.0);
     (372260.4, 3754414.2,   30.8,   30.8,   0.0);   (371460.4,
3754464.2,   32.5,   32.5,   0.0);
     (371510.4, 3754464.2,   32.9,   32.9,   0.0);   (371560.4,
3754464.2,   32.8,   32.8,   0.0);
     (371610.4, 3754464.2,   32.4,   32.4,   0.0);   (371660.4,
3754464.2,   32.1,   32.1,   0.0);
     (371710.4, 3754464.2,   32.2,   32.2,   0.0);   (371760.4,
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     (371810.4, 3754464.2,   31.8,   31.8,   0.0);   (371860.4,
3754464.2,   31.8,   31.8,   0.0);
     (371910.4, 3754464.2,   31.4,   31.4,   0.0);   (371960.4,
3754464.2,   31.0,   31.0,   0.0);
     (372010.4, 3754464.2,   30.7,   30.7,   0.0);   (372060.4,
3754464.2,   30.4,   30.4,   0.0);
     (372110.4, 3754464.2,   30.5,   30.5,   0.0);   (372160.4,
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     (372210.4, 3754464.2,   30.8,   30.8,   0.0);   (372260.4,
3754464.2,   30.8,   30.8,   0.0);
     (371460.4, 3754514.2,   32.3,   32.3,   0.0);   (371510.4,
3754514.2,   32.7,   32.7,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (371560.4, 3754514.2,   32.7,   32.7,   0.0);   (371610.4,
3754514.2,   32.0,   32.0,   0.0);
     (371660.4, 3754514.2,   32.3,   32.3,   0.0);   (371710.4,

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3754514.2,      32.0,      32.0,       0.0);
     ( 371760.4, 3754514.2,      31.6,      31.6,       0.0);         ( 371810.4,
3754514.2,      31.9,      31.9,       0.0);
     ( 371860.4, 3754514.2,      32.1,      32.1,       0.0);         ( 371910.4,
3754514.2,      31.8,      31.8,       0.0);
     ( 371960.4, 3754514.2,      30.8,      30.8,       0.0);         ( 372010.4,
3754514.2,      30.8,      30.8,       0.0);
     ( 372060.4, 3754514.2,      30.6,      30.6,       0.0);         ( 372110.4,
3754514.2,      30.7,      30.7,       0.0);
     ( 372160.4, 3754514.2,      30.5,      30.5,       0.0);         ( 372210.4,
3754514.2,      30.9,      30.9,       0.0);
     ( 372260.4, 3754514.2,      30.7,      30.7,       0.0);         ( 371460.4,
3754564.2,      32.2,      32.2,       0.0);
     ( 371510.4, 3754564.2,      32.0,      32.0,       0.0);         ( 371560.4,
3754564.2,      31.9,      31.9,       0.0);
     ( 371610.4, 3754564.2,      31.8,      31.8,       0.0);         ( 371660.4,
3754564.2,      31.7,      31.7,       0.0);
     ( 371710.4, 3754564.2,      31.4,      31.4,       0.0);         ( 371760.4,
3754564.2,      31.1,      31.1,       0.0);
     ( 371810.4, 3754564.2,      31.1,      31.1,       0.0);         ( 371860.4,
3754564.2,      31.0,      31.0,       0.0);
     ( 371910.4, 3754564.2,      30.8,      30.8,       0.0);         ( 371960.4,
3754564.2,      30.7,      30.7,       0.0);
     ( 372010.4, 3754564.2,      30.8,      30.8,       0.0);         ( 372060.4,
3754564.2,      30.9,      30.9,       0.0);
     ( 372110.4, 3754564.2,      30.9,      30.9,       0.0);         ( 372160.4,
3754564.2,      30.7,      30.7,       0.0);
     ( 372210.4, 3754564.2,      30.9,      30.9,       0.0);         ( 372260.4,
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     ( 371460.4, 3754614.2,      32.4,      32.4,       0.0);         ( 371510.4,
3754614.2,      32.0,      32.0,       0.0);
     ( 371560.4, 3754614.2,      31.9,      31.9,       0.0);         ( 371610.4,
3754614.2,      32.0,      32.0,       0.0);
     ( 371660.4, 3754614.2,      31.8,      31.8,       0.0);         ( 371710.4,
3754614.2,      32.1,      32.1,       0.0);
     ( 371760.4, 3754614.2,      31.1,      31.1,       0.0);         ( 371810.4,
3754614.2,      31.2,      31.2,       0.0);
     ( 371860.4, 3754614.2,      31.3,      31.3,       0.0);         ( 371910.4,
3754614.2,      30.9,      30.9,       0.0);
     ( 371960.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372010.4,
3754614.2,      31.2,      31.2,       0.0);
     ( 372060.4, 3754614.2,      31.9,      31.9,       0.0);         ( 372110.4,
3754614.2,      31.4,      31.4,       0.0);
     ( 372160.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372210.4,
3754614.2,      31.0,      31.0,       0.0);
     ( 372260.4, 3754614.2,      30.9,      30.9,       0.0);         ( 371460.4,
3754664.2,      32.5,      32.5,       0.0);
     ( 371510.4, 3754664.2,      32.2,      32.2,       0.0);         ( 371560.4,
3754664.2,      32.0,      32.0,       0.0);
     ( 371610.4, 3754664.2,      32.1,      32.1,       0.0);         ( 371660.4,
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3754664.2,   31.7,   31.7,   0.0);
     (371710.4, 3754664.2,   31.4,   31.4,   0.0);   (371760.4,
3754664.2,   31.1,   31.1,   0.0);
     (371810.4, 3754664.2,   31.4,   31.4,   0.0);   (371860.4,
3754664.2,   31.4,   31.4,   0.0);
     (371910.4, 3754664.2,   31.1,   31.1,   0.0);   (371960.4,
3754664.2,   31.0,   31.0,   0.0);
     (372010.4, 3754664.2,   31.4,   31.4,   0.0);   (372060.4,
3754664.2,   32.0,   32.0,   0.0);
     (372110.4, 3754664.2,   31.6,   31.6,   0.0);   (372160.4,
3754664.2,   31.0,   31.0,   0.0);
     (372210.4, 3754664.2,   31.2,   31.2,   0.0);   (372260.4,
3754664.2,   31.0,   31.0,   0.0);
     (371460.4, 3754714.2,   32.6,   32.6,   0.0);   (371510.4,
3754714.2,   32.4,   32.4,   0.0);
     (371560.4, 3754714.2,   32.3,   32.3,   0.0);   (371610.4,
3754714.2,   32.0,   32.0,   0.0);
     (371660.4, 3754714.2,   31.8,   31.8,   0.0);   (371710.4,
3754714.2,   31.7,   31.7,   0.0);
     (371760.4, 3754714.2,   31.3,   31.3,   0.0);   (371810.4,
3754714.2,   32.2,   32.2,   0.0);
     (371860.4, 3754714.2,   31.8,   31.8,   0.0);   (371910.4,
3754714.2,   31.5,   31.5,   0.0);
     (371960.4, 3754714.2,   31.2,   31.2,   0.0);   (372010.4,
3754714.2,   31.2,   31.2,   0.0);
     (372060.4, 3754714.2,   31.5,   31.5,   0.0);   (372110.4,
3754714.2,   31.4,   31.4,   0.0);
     (372160.4, 3754714.2,   31.0,   31.0,   0.0);   (372210.4,
3754714.2,   31.2,   31.2,   0.0);
     (372260.4, 3754714.2,   31.0,   31.0,   0.0);   (371460.4,
3754764.2,   32.7,   32.7,   0.0);
     (371510.4, 3754764.2,   32.7,   32.7,   0.0);   (371560.4,
3754764.2,   32.5,   32.5,   0.0);
     (371610.4, 3754764.2,   31.9,   31.9,   0.0);   (371660.4,
3754764.2,   32.7,   32.7,   0.0);
     (371710.4, 3754764.2,   32.4,   32.4,   0.0);   (371760.4,
3754764.2,   31.8,   31.8,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (371810.4, 3754764.2,   32.6,   32.6,   0.0);   (371860.4,

3754764.2,   32.2,   32.2,   0.0);
(371910.4, 3754764.2,   31.8,   31.8,   0.0);   (371960.4, 3754764.2,   31.9,   31.9,   0.0);
(372010.4, 3754764.2,   32.0,   32.0,   0.0);   (372060.4, 3754764.2,   32.0,   32.0,   0.0);
(372110.4, 3754764.2,   31.9,   31.9,   0.0);   (372160.4, 3754764.2,   31.2,   31.2,   0.0);
(372210.4, 3754764.2,   31.2,   31.2,   0.0);   (372260.4, 3754764.2,   31.0,   31.0,   0.0);
(371769.5, 3754422.8,   31.9,   31.9,   0.0);   (371937.6, 3754421.1,   30.7,   30.7,   0.0);
(371939.4, 3754282.7,   30.4,   30.4,   0.0);   (371941.1, 3754277.5,   30.4,   30.4,   0.0);
(371762.5, 3754274.0,   32.4,   32.4,   0.0);   (371765.2, 3754425.4,   31.9,   31.9,   0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 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 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:14:31

                                   PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

   Surface file:   LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
                  Met Version:  16216
   Profile file:   LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    23174                  Upper air station no.:     3190
                  Name: LOS_ANGELES/INT'L_ARPT                     Name: UNKNOWN

                  Year:   2012                                     Year:   2012

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 12 01 01   1 01   -5.9  0.105 -9.000 -9.000 -999.   82.     17.6  0.10   2.55
1.00    1.35  246.   10.1  282.5    2.0
 12 01 01   1 02  -21.8  0.218 -9.000 -9.000 -999.  244.     52.3  0.10   2.55
1.00    2.67  268.   10.1  282.0    2.0
 12 01 01   1 03  -10.3  0.139 -9.000 -9.000 -999.  127.     23.6  0.10   2.55
1.00    1.76  311.   10.1  281.4    2.0
 12 01 01   1 04   -3.3  0.080 -9.000 -9.000 -999.   55.     14.1  0.10   2.55
1.00    0.97  280.   10.1  282.0    2.0
 12 01 01   1 05  -10.9  0.144 -9.000 -9.000 -999.  131.     24.4  0.10   2.55
1.00    1.81  267.   10.1  281.4    2.0
 12 01 01   1 06  -20.5  0.205 -9.000 -9.000 -999.  223.     46.3  0.10   2.55
1.00    2.52  283.   10.1  282.5    2.0
 12 01 01   1 07   -5.5  0.101 -9.000 -9.000 -999.   83.     16.9  0.10   2.55
1.00    1.30  324.   10.1  281.4    2.0
 12 01 01   1 08   -4.3  0.096 -9.000 -9.000 -999.   71.     18.6  0.10   2.55
0.55    1.23   90.   10.1  282.5    2.0
 12 01 01   1 09   45.7  0.183  0.378  0.007   43.  188.    -12.2  0.10   2.55
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0.32    1.67  106.   10.1  289.2    2.0
 12 01 01   1 10  117.3  0.180  0.751  0.007  131.  184.     -4.5  0.10   2.55
0.24    1.42  105.   10.1  293.8    2.0
 12 01 01   1 11  168.5  0.173  1.222  0.005  391.  173.     -2.8  0.10   2.55
0.21    1.25   27.   10.1  297.5    2.0
 12 01 01   1 12  186.3  0.227  1.521  0.005  680.  260.     -5.7  0.10   2.55
0.20    1.86   63.   10.1  299.2    2.0
 12 01 01   1 13  190.2  0.253  1.817  0.005 1136.  306.     -7.7  0.10   2.55
0.20    2.16  300.   10.1  296.4    2.0
 12 01 01   1 14  160.2  0.448  1.842  0.005 1405.  720.    -50.6  0.10   2.55
0.21    4.68  276.   10.1  291.4    2.0
 12 01 01   1 15  108.6  0.466  1.661  0.005 1520.  764.    -83.9  0.10   2.55
0.24    5.02  270.   10.1  289.9    2.0
 12 01 01   1 16   37.3  0.455  1.167  0.005 1543.  737.   -228.8  0.10   2.55
0.33    5.10  270.   10.1  288.1    2.0
 12 01 01   1 17  -31.4  0.381 -9.000 -9.000 -999.  569.    159.8  0.10   2.55
0.59    4.54  268.   10.1  287.5    2.0
 12 01 01   1 18  -36.0  0.365 -9.000 -9.000 -999.  529.    146.4  0.10   2.55
1.00    4.37  274.   10.1  286.4    2.0
 12 01 01   1 19  -29.6  0.301 -9.000 -9.000 -999.  398.     99.5  0.10   2.55
1.00    3.63  271.   10.1  286.4    2.0
 12 01 01   1 20  -21.0  0.213 -9.000 -9.000 -999.  239.     49.9  0.10   2.55
1.00    2.61  271.   10.1  286.4    2.0
 12 01 01   1 21  -10.3  0.140 -9.000 -9.000 -999.  128.     24.0  0.10   2.55
1.00    1.77  281.   10.1  286.4    2.0
 12 01 01   1 22  -22.9  0.230 -9.000 -9.000 -999.  265.     58.3  0.10   2.55
1.00    2.81  270.   10.1  285.9    2.0
 12 01 01   1 23  -37.0  0.374 -9.000 -9.000 -999.  550.    154.2  0.10   2.55
1.00    4.48  272.   10.1  285.9    2.0
 12 01 01   1 24  -24.0  0.243 -9.000 -9.000 -999.  299.     65.0  0.10   2.55
1.00    2.96  274.   10.1  285.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  246.    1.35   282.6   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:14:31

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

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371460.41	3753964.21	0.00044	371510.41	3753964.21	0.00047
371560.41	3753964.21	0.00049	371610.41	3753964.21	0.00050
371660.41	3753964.21	0.00050	371710.41	3753964.21	0.00048
371760.41	3753964.21	0.00045	371810.41	3753964.21	0.00042
371860.41	3753964.21	0.00040	371910.41	3753964.21	0.00039
371960.41	3753964.21	0.00039	372010.41	3753964.21	0.00037
372060.41	3753964.21	0.00034	372110.41	3753964.21	0.00031
372160.41	3753964.21	0.00029	372210.41	3753964.21	0.00026
372260.41	3753964.21	0.00024	371460.41	3754014.21	0.00051
371510.41	3754014.21	0.00056	371560.41	3754014.21	0.00060
371610.41	3754014.21	0.00063	371660.41	3754014.21	0.00062
371710.41	3754014.21	0.00061	371760.41	3754014.21	0.00057
371810.41	3754014.21	0.00052	371860.41	3754014.21	0.00049
371910.41	3754014.21	0.00048	371960.41	3754014.21	0.00047
372010.41	3754014.21	0.00043	372060.41	3754014.21	0.00040
372110.41	3754014.21	0.00036	372160.41	3754014.21	0.00033
372210.41	3754014.21	0.00030	372260.41	3754014.21	0.00027
371460.41	3754064.21	0.00058	371510.41	3754064.21	0.00066
371560.41	3754064.21	0.00073	371610.41	3754064.21	0.00078
371660.41	3754064.21	0.00080	371710.41	3754064.21	0.00078

```
         371760.41    3754064.21        0.00073                      371810.41
3754064.21        0.00066
         371860.41    3754064.21        0.00061                      371910.41
3754064.21        0.00060
         371960.41    3754064.21        0.00057                      372010.41
3754064.21        0.00052
         372060.41    3754064.21        0.00047                      372110.41
3754064.21        0.00043
         372160.41    3754064.21        0.00038                      372210.41
3754064.21        0.00034
         372260.41    3754064.21        0.00030                      371460.41
3754114.21        0.00066
         371510.41    3754114.21        0.00076                      371560.41
3754114.21        0.00086
         371610.41    3754114.21        0.00096                      371660.41
3754114.21        0.00101
         371710.41    3754114.21        0.00102                      371760.41
3754114.21        0.00096
         371810.41    3754114.21        0.00087                      371860.41
3754114.21        0.00078
         371910.41    3754114.21        0.00074                      371960.41
3754114.21        0.00070
         372010.41    3754114.21        0.00063                      372060.41
3754114.21        0.00057
         372110.41    3754114.21        0.00050                      372160.41
3754114.21        0.00044
         372210.41    3754114.21        0.00039                      372260.41
3754114.21        0.00034
         371460.41    3754164.21        0.00072                      371510.41
3754164.21        0.00085
         371560.41    3754164.21        0.00100                      371610.41
3754164.21        0.00115
         371660.41    3754164.21        0.00127                      371710.41
3754164.21        0.00133
         371760.41    3754164.21        0.00132                      371810.41
3754164.21        0.00119
         371860.41    3754164.21        0.00104                      371910.41
3754164.21        0.00097
         371960.41    3754164.21        0.00087                      372010.41
3754164.21        0.00077
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:14:31

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

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372060.41	3754164.21	0.00067	372110.41	3754164.21	0.00058
372160.41	3754164.21	0.00051	372210.41	3754164.21	0.00045
372260.41	3754164.21	0.00040	371460.41	3754214.21	0.00079
371510.41	3754214.21	0.00094	371560.41	3754214.21	0.00112
371610.41	3754214.21	0.00133	371660.41	3754214.21	0.00156
371710.41	3754214.21	0.00178	371760.41	3754214.21	0.00188
371810.41	3754214.21	0.00174	371860.41	3754214.21	0.00150
371910.41	3754214.21	0.00126	371960.41	3754214.21	0.00108
372010.41	3754214.21	0.00092	372060.41	3754214.21	0.00079
372110.41	3754214.21	0.00067	372160.41	3754214.21	0.00059
372210.41	3754214.21	0.00055	372260.41	3754214.21	0.00054
371460.41	3754264.21	0.00085	371510.41	3754264.21	0.00102
371560.41	3754264.21	0.00122	371610.41	3754264.21	0.00150
371660.41	3754264.21	0.00186	371710.41	3754264.21	0.00231
371760.41	3754264.21	0.00270	371810.41	3754264.21	0.00346
371860.41	3754264.21	0.00267	371910.41	3754264.21	0.00177
371960.41	3754264.21	0.00130	372010.41	3754264.21	0.00108
372060.41	3754264.21	0.00091	372110.41	3754264.21	0.00082
372160.41	3754264.21	0.00082	372210.41	3754264.21	0.00089

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         372260.41    3754264.21        0.00096                      371460.41
3754314.21        0.00086
         371510.41    3754314.21        0.00105                      371560.41
3754314.21        0.00128
         371610.41    3754314.21        0.00159                      371660.41
3754314.21        0.00205
         371710.41    3754314.21        0.00273                      371760.41
3754314.21        0.00480
         371960.41    3754314.21        0.00156                      372010.41
3754314.21        0.00130
         372060.41    3754314.21        0.00128                      372110.41
3754314.21        0.00150
         372160.41    3754314.21        0.00177                      372210.41
3754314.21        0.00197
         372260.41    3754314.21        0.00208                      371460.41
3754364.21        0.00084
         371510.41    3754364.21        0.00102                      371560.41
3754364.21        0.00126
         371610.41    3754364.21        0.00158                      371660.41
3754364.21        0.00210
         371710.41    3754364.21        0.00285                      371760.41
3754364.21        0.00474
         371960.41    3754364.21        0.00174                      372010.41
3754364.21        0.00233
         372060.41    3754364.21        0.00353                      372110.41
3754364.21        0.00431
         372160.41    3754364.21        0.00449                      372210.41
3754364.21        0.00439
         372260.41    3754364.21        0.00417                      371460.41
3754414.21        0.00080
         371510.41    3754414.21        0.00097                      371560.41
3754414.21        0.00120
         371610.41    3754414.21        0.00152                      371660.41
3754414.21        0.00199
         371710.41    3754414.21        0.00267                      371760.41
3754414.21        0.00359
         371960.41    3754414.21        0.00451                      372010.41
3754414.21        0.00783
         372060.41    3754414.21        0.00968                      372110.41
3754414.21        0.00966
         372160.41    3754414.21        0.00864                      372210.41
3754414.21        0.00760
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       15:14:31

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372260.41	3754414.21	0.00668	371460.41	3754464.21	0.00078
371510.41	3754464.21	0.00093	371560.41	3754464.21	0.00114
371610.41	3754464.21	0.00143	371660.41	3754464.21	0.00183
371710.41	3754464.21	0.00236	371760.41	3754464.21	0.00301
371810.41	3754464.21	0.00349	371860.41	3754464.21	0.00293
371910.41	3754464.21	0.00187	371960.41	3754464.21	0.00385
372010.41	3754464.21	0.00777	372060.41	3754464.21	0.01066
372110.41	3754464.21	0.01133	372160.41	3754464.21	0.01048
372210.41	3754464.21	0.00934	372260.41	3754464.21	0.00817
371460.41	3754514.21	0.00076	371510.41	3754514.21	0.00090
371560.41	3754514.21	0.00108	371610.41	3754514.21	0.00133
371660.41	3754514.21	0.00165	371710.41	3754514.21	0.00204
371760.41	3754514.21	0.00246	371810.41	3754514.21	0.00269
371860.41	3754514.21	0.00244	371910.41	3754514.21	0.00199
371960.41	3754514.21	0.00220	372010.41	3754514.21	0.00365
372060.41	3754514.21	0.00602	372110.41	3754514.21	0.00780
372160.41	3754514.21	0.00832	372210.41	3754514.21	0.00822
372260.41	3754514.21	0.00762	371460.41	3754564.21	0.00072

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         371510.41    3754564.21        0.00085                    371560.41
3754564.21        0.00100
         371610.41    3754564.21        0.00120                    371660.41
3754564.21        0.00143
         371710.41    3754564.21        0.00169                    371760.41
3754564.21        0.00192
         371810.41    3754564.21        0.00199                    371860.41
3754564.21        0.00184
         371910.41    3754564.21        0.00164                    371960.41
3754564.21        0.00163
         372010.41    3754564.21        0.00193                    372060.41
3754564.21        0.00281
         372110.41    3754564.21        0.00400                    372160.41
3754564.21        0.00494
         372210.41    3754564.21        0.00553                    372260.41
3754564.21        0.00563
         371460.41    3754614.21        0.00067                    371510.41
3754614.21        0.00077
         371560.41    3754614.21        0.00090                    371610.41
3754614.21        0.00104
         371660.41    3754614.21        0.00120                    371710.41
3754614.21        0.00135
         371760.41    3754614.21        0.00146                    371810.41
3754614.21        0.00147
         371860.41    3754614.21        0.00138                    371910.41
3754614.21        0.00128
         371960.41    3754614.21        0.00125                    372010.41
3754614.21        0.00130
         372060.41    3754614.21        0.00153                    372110.41
3754614.21        0.00202
         372160.41    3754614.21        0.00264                    372210.41
3754614.21        0.00320
         372260.41    3754614.21        0.00356                    371460.41
3754664.21        0.00061
         371510.41    3754664.21        0.00069                    371560.41
3754664.21        0.00078
         371610.41    3754664.21        0.00088                    371660.41
3754664.21        0.00099
         371710.41    3754664.21        0.00108                    371760.41
3754664.21        0.00112
         371810.41    3754664.21        0.00110                    371860.41
3754664.21        0.00105
         371910.41    3754664.21        0.00099                    371960.41
3754664.21        0.00097
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
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 *** AERMET - VERSION  16216 ***   ***
                       ***        15:14:31

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372010.41	3754664.21	0.00097	372060.41	3754664.21	0.00102
372110.41	3754664.21	0.00119	372160.41	3754664.21	0.00148
372210.41	3754664.21	0.00181	372260.41	3754664.21	0.00212
371460.41	3754714.21	0.00055	371510.41	3754714.21	0.00061
371560.41	3754714.21	0.00068	371610.41	3754714.21	0.00075
371660.41	3754714.21	0.00081	371710.41	3754714.21	0.00085
371760.41	3754714.21	0.00087	371810.41	3754714.21	0.00084
371860.41	3754714.21	0.00081	371910.41	3754714.21	0.00078
371960.41	3754714.21	0.00076	372010.41	3754714.21	0.00075
372060.41	3754714.21	0.00077	372110.41	3754714.21	0.00082
372160.41	3754714.21	0.00093	372210.41	3754714.21	0.00110
372260.41	3754714.21	0.00129	371460.41	3754764.21	0.00049
371510.41	3754764.21	0.00054	371560.41	3754764.21	0.00058
371610.41	3754764.21	0.00063	371660.41	3754764.21	0.00066
371710.41	3754764.21	0.00068	371760.41	3754764.21	0.00069
371810.41	3754764.21	0.00066	371860.41	3754764.21	0.00064
371910.41	3754764.21	0.00062	371960.41	3754764.21	0.00061

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   STCK1   ,

                                        *** 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)
 -
- -
        371460.41   3753964.21   0.01063 (16122624)   371510.41
 3753964.21   0.01106 (14121624)
        371560.41   3753964.21   0.01216 (12122024)   371610.41
 3753964.21   0.01223 (16122024)
        371660.41   3753964.21   0.01391 (16010124)   371710.41
 3753964.21   0.01529 (16010124)
        371760.41   3753964.21   0.01402 (16120224)   371810.41
 3753964.21   0.01141 (16120224)
        371860.41   3753964.21   0.00744 (16120224)   371910.41
 3753964.21   0.01259 (14122524)
        371960.41   3753964.21   0.01558 (14122524)   372010.41
 3753964.21   0.01488 (14122524)
        372060.41   3753964.21   0.01228 (14122524)   372110.41
 3753964.21   0.00984 (15121224)
        372160.41   3753964.21   0.00909 (15121224)   372210.41
 3753964.21   0.00771 (15121224)

```
       372260.41   3753964.21        0.00607  (15121224)               371460.41
3754014.21        0.01211  (16122624)
       371510.41   3754014.21        0.01410  (16122624)               371560.41
3754014.21        0.01442  (14121624)
       371610.41   3754014.21        0.01548  (12122024)               371660.41
3754014.21        0.01587  (16122024)
       371710.41   3754014.21        0.01812  (16010124)               371760.41
3754014.21        0.01694  (16010124)
       371810.41   3754014.21        0.01500  (16120224)               371860.41
3754014.21        0.00928  (16120224)
       371910.41   3754014.21        0.01528  (14122524)               371960.41
3754014.21        0.01810  (14122524)
       372010.41   3754014.21        0.01679  (14122524)               372060.41
3754014.21        0.01278  (14122524)
       372110.41   3754014.21        0.01122  (15121224)               372160.41
3754014.21        0.00965  (15121224)
       372210.41   3754014.21        0.00756  (15121224)               372260.41
3754014.21        0.00554  (15121224)
       371460.41   3754064.21        0.01224  (16122624)               371510.41
3754064.21        0.01588  (16122624)
       371560.41   3754064.21        0.01844  (16122624)               371610.41
3754064.21        0.01859  (14121624)
       371660.41   3754064.21        0.02000  (16122024)               371710.41
3754064.21        0.02096  (16010124)
       371760.41   3754064.21        0.02168  (16010124)               371810.41
3754064.21        0.01939  (16120224)
       371860.41   3754064.21        0.01175  (16120224)               371910.41
3754064.21        0.01852  (14122524)
       371960.41   3754064.21        0.02155  (14122524)               372010.41
3754064.21        0.01839  (14122524)
       372060.41   3754064.21        0.01377  (15121224)               372110.41
3754064.21        0.01231  (15121224)
       372160.41   3754064.21        0.00957  (15121224)               372210.41
3754064.21        0.00689  (15121224)
       372260.41   3754064.21        0.00521  (12102524)               371460.41
3754114.21        0.01164  (13011924)
       371510.41   3754114.21        0.01591  (16122624)               371560.41
3754114.21        0.02063  (16122624)
       371610.41   3754114.21        0.02386  (16122624)               371660.41
3754114.21        0.02472  (14121624)
       371710.41   3754114.21        0.02573  (16122024)               371760.41
3754114.21        0.02683  (16010124)
       371810.41   3754114.21        0.02509  (16120224)               371860.41
3754114.21        0.01624  (16120224)
       371910.41   3754114.21        0.02227  (14122524)               371960.41
3754114.21        0.02514  (14122524)
       372010.41   3754114.21        0.01904  (14122524)               372060.41
3754114.21        0.01583  (15121224)
       372110.41   3754114.21        0.01257  (15121224)               372160.41
3754114.21        0.00866  (15121224)
```

372210.41 3754114.21 0.00662 (12102524) 372260.41
3754114.21 0.00546 (12102524)
371460.41 3754164.21 0.01289b (15121724) 371510.41
3754164.21 0.01420 (13012524)
371560.41 3754164.21 0.02046 (16122624) 371610.41
3754164.21 0.02705 (16122624)
371660.41 3754164.21 0.03054 (14121624) 371710.41
3754164.21 0.03154 (14121624)
371760.41 3754164.21 0.03257 (16122024) 371810.41
3754164.21 0.03128 (16010124)
371860.41 3754164.21 0.02423 (16120224) 371910.41
3754164.21 0.02785 (14122524)
371960.41 3754164.21 0.02845 (14122524) 372010.41
3754164.21 0.01966 (15121224)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** 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)
- -
372060.41 3754164.21 0.01669 (15121224) 372110.41
3754164.21 0.01131 (15121224)
372160.41 3754164.21 0.00862 (12102524) 372210.41
3754164.21 0.00694 (12102524)
372260.41 3754164.21 0.00528 (12102524) 371460.41
3754214.21 0.01616 (12121624)
371510.41 3754214.21 0.01851 (12121624) 371560.41
3754214.21 0.01896 (12121624)
371610.41 3754214.21 0.02581 (16122624) 371660.41
3754214.21 0.03484 (16122624)
371710.41 3754214.21 0.04176 (14121624) 371760.41
3754214.21 0.04182 (14121624)
371810.41 3754214.21 0.04324 (16010124) 371860.41
3754214.21 0.03693 (16120224)

```
       371910.41   3754214.21        0.03475  (14122524)              371960.41
3754214.21        0.03105  (14122524)
       372010.41   3754214.21        0.02231  (15121224)              372060.41
3754214.21        0.01502  (15121224)
       372110.41   3754214.21        0.01153  (12102524)              372160.41
3754214.21        0.00886  (12102524)
       372210.41   3754214.21        0.00653  (12102524)              372260.41
3754214.21        0.00568  (15121424)
       371460.41   3754264.21        0.01925  (12121624)              371510.41
3754264.21        0.02290  (12121624)
       371560.41   3754264.21        0.02592  (12121624)              371610.41
3754264.21        0.02926  (12121624)
       371660.41   3754264.21        0.03359  (16122624)              371710.41
3754264.21        0.04869  (16122624)
       371760.41   3754264.21        0.06130  (14121624)              371810.41
3754264.21        0.09076  (16122024)
       371860.41   3754264.21        0.07582  (16120224)              371910.41
3754264.21        0.05844  (15102924)
       371960.41   3754264.21        0.02959m (14020124)              372010.41
3754264.21        0.01975  (15121224)
       372060.41   3754264.21        0.01594  (12102524)              372110.41
3754264.21        0.01165  (12102524)
       372160.41   3754264.21        0.00812  (12102524)              372210.41
3754264.21        0.00698  (15121424)
       372260.41   3754264.21        0.00700  (15121424)              371460.41
3754314.21        0.01985m (12122924)
       371510.41   3754314.21        0.02354m (12122924)              371560.41
3754314.21        0.02917  (12121624)
       371610.41   3754314.21        0.03566  (12121624)              371660.41
3754314.21        0.04317  (12121624)
       371710.41   3754314.21        0.05141  (12121624)              371760.41
3754314.21        0.12512  (16122624)
       371960.41   3754314.21        0.02632m (14020124)              372010.41
3754314.21        0.01917  (12102524)
       372060.41   3754314.21        0.01447  (12102524)              372110.41
3754314.21        0.01077  (12102524)
       372160.41   3754314.21        0.01067  (14013124)              372210.41
3754314.21        0.01128  (14013124)
       372260.41   3754314.21        0.01100  (14013124)              371460.41
3754364.21        0.01640m (12122924)
       371510.41   3754364.21        0.02022m (12122924)              371560.41
3754364.21        0.02441m (12122924)
       371610.41   3754364.21        0.02970  (12121624)              371660.41
3754364.21        0.04368  (12121624)
       371710.41   3754364.21        0.06164  (12121624)              371760.41
3754364.21        0.13259  (12121624)
       371960.41   3754364.21        0.00989  (13111224)              372010.41
3754364.21        0.02022  (15122224)
       372060.41   3754364.21        0.02139  (15122224)              372110.41
3754364.21        0.02115  (15121124)
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372160.41   3754364.21   0.01909 (15121124)   372210.41
3754364.21   0.01659 (15121124)
372260.41   3754364.21   0.01465 (14013124)   371460.41
3754414.21   0.01280 (13112924)
371510.41   3754414.21   0.01534 (13112924)   371560.41
3754414.21   0.01831 (13112924)
371610.41   3754414.21   0.02213 (13112924)   371660.41
3754414.21   0.02863 (13112924)
371710.41   3754414.21   0.03795 (13112924)   371760.41
3754414.21   0.05118 (13112924)
371960.41   3754414.21   0.03858 (15122224)   372010.41
3754414.21   0.03790 (15122224)
372060.41   3754414.21   0.03482 (13040824)   372110.41
3754414.21   0.02862 (13040824)
372160.41   3754414.21   0.02265 (13040824)   372210.41
3754414.21   0.01938 (16030624)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   ,

*** 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)
372260.41	3754414.21	0.01729	(16030624)	371460.41	3754464.21	0.00842	(13112924)
371510.41	3754464.21	0.00976	(13112924)	371560.41	3754464.21	0.01122	(13112924)
371610.41	3754464.21	0.01285	(13112924)	371660.41	3754464.21	0.01484	(13112924)
371710.41	3754464.21	0.01631	(13112924)	371760.41	3754464.21	0.01724	(12012324)
371810.41	3754464.21	0.01884	(15082524)	371860.41	3754464.21	0.02380	(13060224)
371910.41	3754464.21	0.00987b	(13122924)	371960.41	3754464.21	0.01797	(12052324)

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       372010.41   3754464.21        0.02498  (12052324)              372060.41
3754464.21        0.02701m (16123124)
       372110.41   3754464.21        0.02546m (16123124)              372160.41
3754464.21        0.02249  (16082024)
       372210.41   3754464.21        0.02125  (16030624)              372260.41
3754464.21        0.01955  (16030624)
       371460.41   3754514.21        0.00649  (12112924)              371510.41
3754514.21        0.00736  (12112924)
       371560.41   3754514.21        0.00846  (12112924)              371610.41
3754514.21        0.00980  (12112924)
       371660.41   3754514.21        0.01149  (16010324)              371710.41
3754514.21        0.01345  (16010324)
       371760.41   3754514.21        0.01749  (15082524)              371810.41
3754514.21        0.02250  (13060224)
       371860.41   3754514.21        0.01833  (13060224)              371910.41
3754514.21        0.01051  (13060624)
       371960.41   3754514.21        0.01114b (13122924)              372010.41
3754514.21        0.01964  (12052324)
       372060.41   3754514.21        0.02277  (12052324)              372110.41
3754514.21        0.02064  (16051424)
       372160.41   3754514.21        0.02058m (16123124)              372210.41
3754514.21        0.01903m (16123124)
       372260.41   3754514.21        0.01724  (16061324)              371460.41
3754564.21        0.00669  (12112924)
       371510.41   3754564.21        0.00747  (12112924)              371560.41
3754564.21        0.00828  (12112924)
       371610.41   3754564.21        0.00909  (16010324)              371660.41
3754564.21        0.00979  (15082524)
       371710.41   3754564.21        0.01307  (15082524)              371760.41
3754564.21        0.01552  (13050424)
       371810.41   3754564.21        0.01876  (13050524)              371860.41
3754564.21        0.01628  (13050524)
       371910.41   3754564.21        0.01067  (16013124)              371960.41
3754564.21        0.00947  (16041624)
       372010.41   3754564.21        0.00940  (16041624)              372060.41
3754564.21        0.01486  (12052324)
       372110.41   3754564.21        0.01658  (12052324)              372160.41
3754564.21        0.01530  (16051424)
       372210.41   3754564.21        0.01589  (16051424)              372260.41
3754564.21        0.01459  (16051424)
       371460.41   3754614.21        0.00618  (12112924)              371510.41
3754614.21        0.00669  (12112924)
       371560.41   3754614.21        0.00708  (12112924)              371610.41
3754614.21        0.00761  (15082524)
       371660.41   3754614.21        0.01003  (12032524)              371710.41
3754614.21        0.01166  (13050424)
       371760.41   3754614.21        0.01442  (13050524)              371810.41
3754614.21        0.01897  (13050524)
       371860.41   3754614.21        0.01330  (13050524)              371910.41
3754614.21        0.00990  (16013124)
```

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       371960.41   3754614.21        0.01142  (16013124)               372010.41
 3754614.21        0.01005  (14022824)
       372060.41   3754614.21        0.00804  (14080324)               372110.41
 3754614.21        0.01068  (12052324)
       372160.41   3754614.21        0.01183  (12052324)               372210.41
 3754614.21        0.01128  (16042224)
       372260.41   3754614.21        0.01172  (16051424)               371460.41
 3754664.21        0.00540  (12112924)
       371510.41   3754664.21        0.00564  (12112924)               371560.41
 3754664.21        0.00633  (12032524)
       371610.41   3754664.21        0.00807  (12032524)               371660.41
 3754664.21        0.00919  (12032524)
       371710.41   3754664.21        0.01124  (16061124)               371760.41
 3754664.21        0.01518  (13050524)
       371810.41   3754664.21        0.01604  (13050524)               371860.41
 3754664.21        0.01047  (13050524)
       371910.41   3754664.21        0.00822  (16013124)               371960.41
 3754664.21        0.01075  (16013124)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:14:31

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       372010.41   3754664.21        0.00790  (16041624)               372060.41
 3754664.21        0.00838  (14022824)
       372110.41   3754664.21        0.00685  (14080324)               372160.41
 3754664.21        0.00818  (14080324)
       372210.41   3754664.21        0.00865  (12052324)               372260.41
 3754664.21        0.00849  (12052324)
       371460.41   3754714.21        0.00459  (12112924)               371510.41
 3754714.21        0.00532  (12032524)
       371560.41   3754714.21        0.00656  (12032524)               371610.41
 3754714.21        0.00734  (12032524)
```

```
       371660.41   3754714.21        0.00876  (16061124)               371710.41
 3754714.21        0.01118  (13050524)
       371760.41   3754714.21        0.01384  (13050524)               371810.41
 3754714.21        0.01271  (13050524)
       371860.41   3754714.21        0.00802  (13050524)               371910.41
 3754714.21        0.00662  (16013124)
       371960.41   3754714.21        0.00915  (16013124)               372010.41
 3754714.21        0.00649  (16013124)
       372060.41   3754714.21        0.00762  (14022824)               372110.41
 3754714.21        0.00679  (14022824)
       372160.41   3754714.21        0.00569  (14080324)               372210.41
 3754714.21        0.00645  (14080324)
       372260.41   3754714.21        0.00650  (12052324)               371460.41
 3754764.21        0.00450  (12032524)
       371510.41   3754764.21        0.00539  (12032524)               371560.41
 3754764.21        0.00595  (12032524)
       371610.41   3754764.21        0.00692  (16061124)               371660.41
 3754764.21        0.00842  (16061124)
       371710.41   3754764.21        0.01082  (13050524)               371760.41
 3754764.21        0.01184  (13050524)
       371810.41   3754764.21        0.01013  (13050524)               371860.41
 3754764.21        0.00634  (13050524)
       371910.41   3754764.21        0.00543  (16013124)               371960.41
 3754764.21        0.00762  (16013124)
       372010.41   3754764.21        0.00642  (16013124)               372060.41
 3754764.21        0.00613  (15040724)
       372110.41   3754764.21        0.00652  (14022824)               372160.41
 3754764.21        0.00530  (15040724)
       372210.41   3754764.21        0.00465  (14080324)               372260.41
 3754764.21        0.00513  (14080324)
       371769.55   3754422.82        0.04897  (13112924)               371937.65
 3754421.07        0.01006  (12050924)
       371939.40   3754282.74        0.04324  (15102924)               371941.15
 3754277.48        0.04186  (15102924)
       371762.54   3754273.98        0.07654  (14121624)               371765.17
 3754425.45        0.04601  (13112924)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc               ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:14:31

                                  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
               **
```

ALL	1ST HIGHEST VALUE IS	0.01133	AT	372110.41,	3754464.21,	30.53,	30.53,	0.00)	DC
	2ND HIGHEST VALUE IS	0.01066	AT	372060.41,	3754464.21,	30.45,	30.45,	0.00)	DC
	3RD HIGHEST VALUE IS	0.01048	AT	372160.41,	3754464.21,	30.42,	30.42,	0.00)	DC
	4TH HIGHEST VALUE IS	0.00968	AT	372060.41,	3754414.21,	30.74,	30.74,	0.00)	DC
	5TH HIGHEST VALUE IS	0.00966	AT	372110.41,	3754414.21,	30.88,	30.88,	0.00)	DC
	6TH HIGHEST VALUE IS	0.00934	AT	372210.41,	3754464.21,	30.82,	30.82,	0.00)	DC
	7TH HIGHEST VALUE IS	0.00864	AT	372160.41,	3754414.21,	30.39,	30.39,	0.00)	DC
	8TH HIGHEST VALUE IS	0.00832	AT	372160.41,	3754514.21,	30.53,	30.53,	0.00)	DC
	9TH HIGHEST VALUE IS	0.00822	AT	372210.41,	3754514.21,	30.89,	30.89,	0.00)	DC
	10TH HIGHEST VALUE IS	0.00817	AT	372260.41,	3754464.21,	30.80,	30.80,	0.00)	DC

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

*** MODELOPTs: RegDFAULT CONC ELEV 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       0.13259  ON 12121624: AT (  371760.41,
3754364.21,    32.17,    32.17,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie__PM10\Ollie__PM10.isc              ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:14:31

                                   PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           3 Warning Message(s)
 A Total of         718 Informational Message(s)

 A Total of       43848 Hours Were Processed

 A Total of         458 Calm Hours Identified

 A Total of         260 Missing Hours Identified (  0.59 Percent)


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


    ********   WARNING MESSAGES   ********
 SO W320      39        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     125       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     125       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


    ************************************
```

```
*** AERMOD Finishes Successfully ***
**********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie_CO\Ollie_CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie_CO\Ollie_CO.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 10040000 LA_County
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL Ollie_CO.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1         0.045425     5.000   763.850 224.390836796445     0.229

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67

   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
```

```
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
```

```
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED Ollie_CO.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OLLIE_CO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST OLLIE_CO.AD\08H1GALL.PLT 32
   SUMMFILE Ollie_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            3 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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


   ********   WARNING MESSAGES   ********
 SO W320      39        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     125       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     125       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                     ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:44:42

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =  10040000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
```

```
     * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:      1 Source(s);       1 Source Group(s); and     286
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of 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) =    30.00 ;  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:   Ollie_CO.err
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.45425E-01	371900.7	3754412.6	30.9	5.00	763.85	224.39	0.23	YES	YES	NO	HRDOW7

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	STCK1 ,

 SOURCE ID: STCK1
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   10.7, 113.8, 104.3, -126.3,   36.1,   2   10.7, 124.1, 117.1,
-137.9,   22.7,
    3   10.7, 130.7, 126.4, -145.2,   8.5,   4   10.7, 133.3, 131.9,
-148.2,   -5.8,
    5   10.7, 131.9, 133.3, -146.7, -20.0,   6   10.7, 126.4, 130.7,
-140.7, -33.6,
    7   10.7, 117.1, 124.1, -130.4, -46.2,   8   10.7, 104.3, 113.8,
-116.1, -57.3,
    9   0.0,   0.0,   0.0,   0.0,   0.0,   10   0.0,   0.0,   0.0,
0.0,   0.0,
   11   0.0,   0.0,   0.0,   0.0,   0.0,   12   0.0,   0.0,   0.0,
0.0,   0.0,
   13   0.0,   0.0,   0.0,   0.0,   0.0,   14   0.0,   0.0,   0.0,
0.0,   0.0,
   15   0.0,   0.0,   0.0,   0.0,   0.0,   16   0.0,   0.0,   0.0,
0.0,   0.0,
   17   10.7, 113.8, 104.3,   5.2, -59.3,   18   0.0,   0.0,   0.0,
0.0,   0.0,
   19   0.0,   0.0,   0.0,   0.0,   0.0,   20   10.7, 124.1, 117.1,
20.7, -22.7,
   21   10.7, 130.7, 126.4,   18.8,   -8.5,   22   10.7, 133.3, 131.9,
16.3,   5.8,
   23   10.7, 131.9, 133.3,   13.3,   20.0,   24   10.7, 126.4, 130.7,
10.0,   33.6,
   25   10.7, 117.1, 124.1,   6.3,   46.2,   26   10.7, 104.3, 113.8,
2.4,   57.3,

```
   27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,
0.0,    0.0,
   29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,
0.0,    0.0,
   31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,
0.0,    0.0,
   33    0.0,    0.0,    0.0,    0.0,    0.0,     34    0.0,    0.0,    0.0,
0.0,    0.0,
   35   10.7,  113.8,  104.3, -109.5,   59.3,     36   10.7,   99.9,   88.3,
-110.9,   48.4,

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                     ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       15:44:42

                                  PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK1        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(371460.4, 3753964.2, 34.9, 34.9, 0.0); (371510.4, 3753964.2, 34.8, 34.8, 0.0);
(371560.4, 3753964.2, 35.0, 35.0, 0.0); (371610.4, 3753964.2, 34.1, 34.1, 0.0);
(371660.4, 3753964.2, 33.2, 33.2, 0.0); (371710.4, 3753964.2, 32.7, 32.7, 0.0);
(371760.4, 3753964.2, 32.0, 32.0, 0.0); (371810.4, 3753964.2, 32.3, 32.3, 0.0);
(371860.4, 3753964.2, 32.2, 32.2, 0.0); (371910.4, 3753964.2, 32.2, 32.2, 0.0);
(371960.4, 3753964.2, 31.4, 31.4, 0.0); (372010.4, 3753964.2, 30.2, 30.2, 0.0);

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3753964.2,      30.2,      30.2,       0.0);
     ( 372160.4, 3753964.2,      29.6,      29.6,       0.0);         ( 372210.4,
3753964.2,      30.0,      30.0,       0.0);
     ( 372260.4, 3753964.2,      30.5,      30.5,       0.0);         ( 371460.4,
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     ( 371510.4, 3754014.2,      35.7,      35.7,       0.0);         ( 371560.4,
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     ( 371710.4, 3754014.2,      33.9,      33.9,       0.0);         ( 371760.4,
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     ( 372110.4, 3754014.2,      30.0,      30.0,       0.0);         ( 372160.4,
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     ( 371860.4, 3754064.2,      31.5,      31.5,       0.0);         ( 371910.4,
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     ( 371960.4, 3754064.2,      31.3,      31.3,       0.0);         ( 372010.4,
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     ( 372060.4, 3754064.2,      30.4,      30.4,       0.0);         ( 372110.4,
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     ( 372160.4, 3754064.2,      29.7,      29.7,       0.0);         ( 372210.4,
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     ( 371960.4, 3754164.2,      30.3,      30.3,       0.0);         ( 372010.4,
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     ( 372060.4, 3754164.2,      30.3,      30.3,       0.0);         ( 372110.4,
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     ( 372160.4, 3754164.2,      30.4,      30.4,       0.0);         ( 372210.4,
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     ( 372260.4, 3754164.2,      30.5,      30.5,       0.0);         ( 371460.4,
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     ( 371510.4, 3754214.2,      35.7,      35.7,       0.0);         ( 371560.4,
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     ( 371610.4, 3754214.2,      34.9,      34.9,       0.0);         ( 371660.4,
3754214.2,      34.0,      34.0,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                      ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:44:42

                                  PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 371710.4, 3754214.2,      33.6,      33.6,       0.0);         ( 371760.4,
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     ( 371810.4, 3754214.2,      32.6,      32.6,       0.0);         ( 371860.4,
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     ( 371910.4, 3754214.2,      30.2,      30.2,       0.0);         ( 371960.4,
3754214.2,      30.8,      30.8,       0.0);
     ( 372010.4, 3754214.2,      30.6,      30.6,       0.0);         ( 372060.4,
3754214.2,      30.6,      30.6,       0.0);
     ( 372110.4, 3754214.2,      30.2,      30.2,       0.0);         ( 372160.4,
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     ( 371660.4, 3754264.2,      32.8,      32.8,       0.0);         ( 371710.4,
3754264.2,      32.5,      32.5,       0.0);
     ( 371760.4, 3754264.2,      32.4,      32.4,       0.0);         ( 371810.4,
3754264.2,      32.4,      32.4,       0.0);
     ( 371860.4, 3754264.2,      31.0,      31.0,       0.0);         ( 371910.4,
3754264.2,      30.4,      30.4,       0.0);
     ( 371960.4, 3754264.2,      30.7,      30.7,       0.0);         ( 372010.4,
3754264.2,      30.8,      30.8,       0.0);
     ( 372060.4, 3754264.2,      30.8,      30.8,       0.0);         ( 372110.4,
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     ( 372160.4, 3754264.2,      30.2,      30.2,       0.0);         ( 372210.4,
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     ( 371510.4, 3754314.2,      35.8,      35.8,       0.0);         ( 371560.4,
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     ( 371710.4, 3754314.2,      33.0,      33.0,       0.0);         ( 371760.4,
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     ( 371960.4, 3754314.2,      30.5,      30.5,       0.0);         ( 372010.4,
3754314.2,      30.5,      30.5,       0.0);
     ( 372060.4, 3754314.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754314.2,      30.8,      30.8,       0.0);
     ( 372160.4, 3754314.2,      30.6,      30.6,       0.0);         ( 372210.4,
3754314.2,      30.7,      30.7,       0.0);
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3754364.2,      33.6,      33.6,       0.0);
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     ( 371960.4, 3754364.2,      30.6,      30.6,       0.0);         ( 372010.4,
3754364.2,      30.1,      30.1,       0.0);
     ( 372060.4, 3754364.2,      30.8,      30.8,       0.0);         ( 372110.4,
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3754414.2,      34.2,      34.2,       0.0);
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3754414.2,      33.7,      33.7,       0.0);
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3754414.2,      31.9,      31.9,       0.0);
     ( 371960.4, 3754414.2,      30.6,      30.6,       0.0);         ( 372010.4,
3754414.2,      30.4,      30.4,       0.0);
     ( 372060.4, 3754414.2,      30.7,      30.7,       0.0);         ( 372110.4,
3754414.2,      30.9,      30.9,       0.0);
     ( 372160.4, 3754414.2,      30.4,      30.4,       0.0);         ( 372210.4,
3754414.2,      30.7,      30.7,       0.0);
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     ( 371610.4, 3754464.2,      32.4,      32.4,       0.0);         ( 371660.4,
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     ( 371910.4, 3754464.2,      31.4,      31.4,       0.0);         ( 371960.4,
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     ( 372010.4, 3754464.2,      30.7,      30.7,       0.0);         ( 372060.4,
3754464.2,      30.4,      30.4,       0.0);
     ( 372110.4, 3754464.2,      30.5,      30.5,       0.0);         ( 372160.4,
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     ( 372210.4, 3754464.2,      30.8,      30.8,       0.0);         ( 372260.4,
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                     ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:44:42

                                  PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 371560.4, 3754514.2,      32.7,      32.7,       0.0);         ( 371610.4,
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     ( 371760.4, 3754514.2,      31.6,      31.6,       0.0);         ( 371810.4,
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     ( 371860.4, 3754514.2,      32.1,      32.1,       0.0);         ( 371910.4,
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     ( 372060.4, 3754514.2,      30.6,      30.6,       0.0);         ( 372110.4,
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     ( 372160.4, 3754514.2,      30.5,      30.5,       0.0);         ( 372210.4,
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3754564.2,      31.1,      31.1,       0.0);
     ( 371810.4, 3754564.2,      31.1,      31.1,       0.0);         ( 371860.4,
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     ( 371660.4, 3754614.2,      31.8,      31.8,       0.0);         ( 371710.4,
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     ( 371760.4, 3754614.2,      31.1,      31.1,       0.0);         ( 371810.4,
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     ( 371960.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372010.4,
3754614.2,      31.2,      31.2,       0.0);
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     ( 372160.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372210.4,
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3754664.2,      31.1,      31.1,       0.0);
     ( 371810.4, 3754664.2,      31.4,      31.4,       0.0);         ( 371860.4,
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     ( 372110.4, 3754664.2,      31.6,      31.6,       0.0);         ( 372160.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 372210.4, 3754664.2,      31.2,      31.2,       0.0);         ( 372260.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 371460.4, 3754714.2,      32.6,      32.6,       0.0);         ( 371510.4,
3754714.2,      32.4,      32.4,       0.0);
     ( 371560.4, 3754714.2,      32.3,      32.3,       0.0);         ( 371610.4,
3754714.2,      32.0,      32.0,       0.0);
     ( 371660.4, 3754714.2,      31.8,      31.8,       0.0);         ( 371710.4,
3754714.2,      31.7,      31.7,       0.0);
     ( 371760.4, 3754714.2,      31.3,      31.3,       0.0);         ( 371810.4,
3754714.2,      32.2,      32.2,       0.0);
     ( 371860.4, 3754714.2,      31.8,      31.8,       0.0);         ( 371910.4,
3754714.2,      31.5,      31.5,       0.0);
     ( 371960.4, 3754714.2,      31.2,      31.2,       0.0);         ( 372010.4,
3754714.2,      31.2,      31.2,       0.0);
     ( 372060.4, 3754714.2,      31.5,      31.5,       0.0);         ( 372110.4,
3754714.2,      31.4,      31.4,       0.0);
     ( 372160.4, 3754714.2,      31.0,      31.0,       0.0);         ( 372210.4,
3754714.2,      31.2,      31.2,       0.0);
     ( 372260.4, 3754714.2,      31.0,      31.0,       0.0);         ( 371460.4,
3754764.2,      32.7,      32.7,       0.0);
     ( 371510.4, 3754764.2,      32.7,      32.7,       0.0);         ( 371560.4,
3754764.2,      32.5,      32.5,       0.0);
     ( 371610.4, 3754764.2,      31.9,      31.9,       0.0);         ( 371660.4,
3754764.2,      32.7,      32.7,       0.0);
     ( 371710.4, 3754764.2,      32.4,      32.4,       0.0);         ( 371760.4,
3754764.2,      31.8,      31.8,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                      ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:44:42

                                  PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 371810.4, 3754764.2,      32.6,      32.6,       0.0);         ( 371860.4,
3754764.2,      32.2,      32.2,       0.0);
     ( 371910.4, 3754764.2,      31.8,      31.8,       0.0);         ( 371960.4,
3754764.2,      31.9,      31.9,       0.0);
     ( 372010.4, 3754764.2,      32.0,      32.0,       0.0);         ( 372060.4,
3754764.2,      32.0,      32.0,       0.0);
```

(372110.4, 3754764.2,   31.9,   31.9,   0.0);   (372160.4,
3754764.2,   31.2,   31.2,   0.0);
(372210.4, 3754764.2,   31.2,   31.2,   0.0);   (372260.4,
3754764.2,   31.0,   31.0,   0.0);
(371769.5, 3754422.8,   31.9,   31.9,   0.0);   (371937.6,
3754421.1,   30.7,   30.7,   0.0);
(371939.4, 3754282.7,   30.4,   30.4,   0.0);   (371941.1,
3754277.5,   30.4,   30.4,   0.0);
(371762.5, 3754274.0,   32.4,   32.4,   0.0);   (371765.2,
3754425.4,   31.9,   31.9,   0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
(1=YES; 0=NO)

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

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

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

1.54,   3.09,   5.14,   8.23,
10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
Met Version: 16216
Profile file: LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23174 Upper air station no.: 3190
Name: LOS_ANGELES/INT'L_ARPT Name: UNKNOWN

Year: 2012 Year: 2012

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
12	01	01	1	01	-5.9	0.105	-9.000	-9.000	-999.	82.	17.6	0.10	2.55	1.00	1.35	246.	10.1	282.5	2.0
12	01	01	1	02	-21.8	0.218	-9.000	-9.000	-999.	244.	52.3	0.10	2.55	1.00	2.67	268.	10.1	282.0	2.0
12	01	01	1	03	-10.3	0.139	-9.000	-9.000	-999.	127.	23.6	0.10	2.55	1.00	1.76	311.	10.1	281.4	2.0
12	01	01	1	04	-3.3	0.080	-9.000	-9.000	-999.	55.	14.1	0.10	2.55	1.00	0.97	280.	10.1	282.0	2.0
12	01	01	1	05	-10.9	0.144	-9.000	-9.000	-999.	131.	24.4	0.10	2.55	1.00	1.81	267.	10.1	281.4	2.0
12	01	01	1	06	-20.5	0.205	-9.000	-9.000	-999.	223.	46.3	0.10	2.55	1.00	2.52	283.	10.1	282.5	2.0
12	01	01	1	07	-5.5	0.101	-9.000	-9.000	-999.	83.	16.9	0.10	2.55	1.00	1.30	324.	10.1	281.4	2.0
12	01	01	1	08	-4.3	0.096	-9.000	-9.000	-999.	71.	18.6	0.10	2.55	0.55	1.23	90.	10.1	282.5	2.0
12	01	01	1	09	45.7	0.183	0.378	0.007	43.	188.	-12.2	0.10	2.55	0.32	1.67	106.	10.1	289.2	2.0
12	01	01	1	10	117.3	0.180	0.751	0.007	131.	184.	-4.5	0.10	2.55	0.24	1.42	105.	10.1	293.8	2.0
12	01	01	1	11	168.5	0.173	1.222	0.005	391.	173.	-2.8	0.10	2.55	0.21	1.25	27.	10.1	297.5	2.0

```
 12 01 01   1 12  186.3  0.227  1.521  0.005  680.  260.     -5.7  0.10   2.55
0.20    1.86   63.   10.1  299.2    2.0
 12 01 01   1 13  190.2  0.253  1.817  0.005 1136.  306.     -7.7  0.10   2.55
0.20    2.16  300.   10.1  296.4    2.0
 12 01 01   1 14  160.2  0.448  1.842  0.005 1405.  720.    -50.6  0.10   2.55
0.21    4.68  276.   10.1  291.4    2.0
 12 01 01   1 15  108.6  0.466  1.661  0.005 1520.  764.    -83.9  0.10   2.55
0.24    5.02  270.   10.1  289.9    2.0
 12 01 01   1 16   37.3  0.455  1.167  0.005 1543.  737.   -228.8  0.10   2.55
0.33    5.10  270.   10.1  288.1    2.0
 12 01 01   1 17  -31.4  0.381 -9.000 -9.000 -999.  569.    159.8  0.10   2.55
0.59    4.54  268.   10.1  287.5    2.0
 12 01 01   1 18  -36.0  0.365 -9.000 -9.000 -999.  529.    146.4  0.10   2.55
1.00    4.37  274.   10.1  286.4    2.0
 12 01 01   1 19  -29.6  0.301 -9.000 -9.000 -999.  398.     99.5  0.10   2.55
1.00    3.63  271.   10.1  286.4    2.0
 12 01 01   1 20  -21.0  0.213 -9.000 -9.000 -999.  239.     49.9  0.10   2.55
1.00    2.61  271.   10.1  286.4    2.0
 12 01 01   1 21  -10.3  0.140 -9.000 -9.000 -999.  128.     24.0  0.10   2.55
1.00    1.77  281.   10.1  286.4    2.0
 12 01 01   1 22  -22.9  0.230 -9.000 -9.000 -999.  265.     58.3  0.10   2.55
1.00    2.81  270.   10.1  285.9    2.0
 12 01 01   1 23  -37.0  0.374 -9.000 -9.000 -999.  550.    154.2  0.10   2.55
1.00    4.48  272.   10.1  285.9    2.0
 12 01 01   1 24  -24.0  0.243 -9.000 -9.000 -999.  299.     65.0  0.10   2.55
1.00    2.96  274.   10.1  285.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  246.    1.35   282.6   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                      ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:44:42

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

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** 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)
371460.41	3753964.21	0.82103	(13011307)	371510.41	3753964.21	0.94198	(13012207)
371560.41	3753964.21	1.06690	(16111307)	371610.41	3753964.21	1.13844	(13011207)
371660.41	3753964.21	1.27168	(12122607)	371710.41	3753964.21	1.27817	(15112207)
371760.41	3753964.21	1.31966	(16020407)	371810.41	3753964.21	1.14103	(16020407)
371860.41	3753964.21	0.71404	(16010808)	371910.41	3753964.21	1.04450	(16123008)
371960.41	3753964.21	1.09714	(13011408)	372010.41	3753964.21	0.90852	(16122508)
372060.41	3753964.21	0.54632	(12121907)	372110.41	3753964.21	0.49530	(12121907)
372160.41	3753964.21	0.41771	(15121207)	372210.41	3753964.21	0.43706	(14020107)
372260.41	3753964.21	0.42096	(14020107)	371460.41	3754014.21	0.93866	(13030207)
371510.41	3754014.21	1.07346	(13011307)	371560.41	3754014.21	1.20751	(15110407)
371610.41	3754014.21	1.34955	(16111307)	371660.41	3754014.21	1.39001	(13011207)
371710.41	3754014.21	1.49972	(12122607)	371760.41	3754014.21	1.52113	(16112107)
371810.41	3754014.21	1.42678	(16020407)	371860.41	3754014.21	0.81720	(16010808)
371910.41	3754014.21	1.20329	(16123008)	371960.41	3754014.21	1.23848	(13011408)
372010.41	3754014.21	0.77443	(16122508)	372060.41	3754014.21	0.63552	(12121907)
372110.41	3754014.21	0.54786	(16121707)	372160.41	3754014.21	0.51470	(15121207)
372210.41	3754014.21	0.47901	(14020107)	372260.41	3754014.21	0.43811	(15111607)
371460.41	3754064.21	1.05245	(16121007)	371510.41	3754064.21	1.21201	(13030207)
371560.41	3754064.21	1.36151	(13011307)	371610.41	3754064.21	1.51843	(13031007)
371660.41	3754064.21	1.61749	(12020407)	371710.41	3754064.21	1.74560	(12122607)
371760.41	3754064.21	1.73106	(16112107)	371810.41	3754064.21	1.71961	(16020407)
371860.41	3754064.21	0.91896	(16010808)	371910.41	3754064.21	1.37206	(13011108)
371960.41	3754064.21	1.34910	(13011408)	372010.41			

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 3754064.21        0.81724  (16122508)
       372060.41   3754064.21        0.72775  (16121707)               372110.41
 3754064.21        0.62713  (15121207)
       372160.41   3754064.21        0.60294  (15121207)               372210.41
 3754064.21        0.50139  (15121207)
       372260.41   3754064.21        0.45887  (13010707)               371460.41
 3754114.21        1.12512  (13011907)
       371510.41   3754114.21        1.31887  (16121007)               371560.41
 3754114.21        1.51226  (13030207)
       371610.41   3754114.21        1.67340  (13011307)               371660.41
 3754114.21        1.84153  (13031007)
       371710.41   3754114.21        1.91316  (13011207)               371760.41
 3754114.21        1.97726  (12122607)
       371810.41   3754114.21        1.97840  (16020407)               371860.41
 3754114.21        1.42470  (16020407)
       371910.41   3754114.21        1.55301  (13011108)               371960.41
 3754114.21        1.43144  (16122508)
       372010.41   3754114.21        0.93159  (12121907)               372060.41
 3754114.21        0.83319  (16121707)
       372110.41   3754114.21        0.78458  (15121207)               372160.41
 3754114.21        0.65061  (15121207)
       372210.41   3754114.21        0.56059  (12102507)               372260.41
 3754114.21        0.53739  (12102507)
       371460.41   3754164.21        1.23275  (13122107)               371510.41
 3754164.21        1.39834  (14012407)
       371560.41   3754164.21        1.58224  (14112907)               371610.41
 3754164.21        1.81787  (15112307)
       371660.41   3754164.21        1.98548  (13011307)               371710.41
 3754164.21        2.15865  (16111307)
       371760.41   3754164.21        2.27382  (12122607)               371810.41
 3754164.21        2.30867  (16112107)
       371860.41   3754164.21        1.94056  (16020407)               371910.41
 3754164.21        1.91794  (13011108)
       371960.41   3754164.21        1.65479  (16122508)               372010.41
 3754164.21        1.15870  (16121707)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                     ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:44:42

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

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372060.41	3754164.21	1.02096	(15121207)	372110.41	3754164.21	0.88410	(15121207)
372160.41	3754164.21	0.73703	(12102507)	372210.41	3754164.21	0.69793	(12102507)
372260.41	3754164.21	0.58334	(12102507)	371460.41	3754214.21	1.23411	(14030407)
371510.41	3754214.21	1.42900	(13122107)	371560.41	3754214.21	1.68868	(13122107)
371610.41	3754214.21	1.86787	(15030107)	371660.41	3754214.21	2.14363	(15112307)
371710.41	3754214.21	2.38910	(13011307)	371760.41	3754214.21	2.65620	(16111307)
371810.41	3754214.21	2.78249	(12122607)	371860.41	3754214.21	2.60860	(16020407)
371910.41	3754214.21	2.38723	(13011108)	371960.41	3754214.21	1.65622	(16122508)
372010.41	3754214.21	1.34521	(16121707)	372060.41	3754214.21	1.23792	(15121207)
372110.41	3754214.21	1.00111	(12102507)	372160.41	3754214.21	0.91703	(12102507)
372210.41	3754214.21	0.72429	(12102507)	372260.41	3754214.21	0.52838	(12102507)
371460.41	3754264.21	1.29810	(16010907)	371510.41	3754264.21	1.46014	(16010907)
371560.41	3754264.21	1.65362	(13110307)	371610.41	3754264.21	1.89642	(13122107)
371660.41	3754264.21	2.22775	(12011507)	371710.41	3754264.21	2.66430	(12012207)
371760.41	3754264.21	3.05974	(13012207)	371810.41	3754264.21	4.04360	(16122007)
371860.41	3754264.21	4.43712	(15112207)	371910.41	3754264.21	3.93379	(16122508)
371960.41	3754264.21	1.86223	(16122508)	372010.41	3754264.21	1.70094	(15121207)
372060.41	3754264.21	1.41302	(12102507)	372110.41	3754264.21	1.24083	(12102507)
372160.41	3754264.21	0.86166	(12102507)	372210.41	3754264.21	0.59926	(13020808)
372260.41	3754264.21	0.60424	(13020808)	371460.41	3754314.21	1.17974	(13020207)
371510.41	3754314.21	1.38528	(13022207)	371560.41	3754314.21	1.65022	(13022207)
371610.41	3754314.21	1.90155	(16010907)	371660.41			

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 3754314.21        2.21084  (16010907)
       371710.41   3754314.21        2.73736  (14013008)               371760.41
 3754314.21        5.38616  (12121607)
       371960.41   3754314.21        1.52821  (15121207)               372010.41
 3754314.21        1.76139  (12102507)
       372060.41   3754314.21        1.52834  (12102507)               372110.41
 3754314.21        0.90843  (12102507)
       372160.41   3754314.21        0.87115  (13020808)               372210.41
 3754314.21        0.81465  (13020808)
       372260.41   3754314.21        0.70880  (13020808)               371460.41
 3754364.21        1.18433  (14022107)
       371510.41   3754364.21        1.35957  (14022107)               371560.41
 3754364.21        1.53166  (14022107)
       371610.41   3754364.21        1.71649  (14022107)               371660.41
 3754364.21        2.09409  (13020207)
       371710.41   3754364.21        2.71481  (13022207)               371760.41
 3754364.21        4.66530  (16010907)
       371960.41   3754364.21        0.88668  (16091910)               372010.41
 3754364.21        2.11777  (15122208)
       372060.41   3754364.21        1.99016  (15122208)               372110.41
 3754364.21        1.44552  (15122208)
       372160.41   3754364.21        1.11482  (15121108)               372210.41
 3754364.21        0.92467  (15121108)
       372260.41   3754364.21        0.75872  (14013107)               371460.41
 3754414.21        0.74300  (14022107)
       371510.41   3754414.21        0.85624  (14022107)               371560.41
 3754414.21        0.97161  (14022107)
       371610.41   3754414.21        1.12635  (14022107)               371660.41
 3754414.21        1.49670  (14022107)
       371710.41   3754414.21        2.03591  (15010307)               371760.41
 3754414.21        2.83055  (13120907)
       371960.41   3754414.21        5.19305  (15122207)               372010.41
 3754414.21        3.47185  (15122207)
       372060.41   3754414.21        2.04703  (14032607)               372110.41
 3754414.21        1.49738  (14032607)
       372160.41   3754414.21        1.11410  (14013107)               372210.41
 3754414.21        0.94553  (14013107)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                     ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:44:42

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372260.41	3754414.21	0.79313	(14013107)	371460.41	3754464.21	0.37231	(12112908)
371510.41	3754464.21	0.37326	(12112908)	371560.41	3754464.21	0.37857	(14102609)
371610.41	3754464.21	0.44722	(12012311)	371660.41	3754464.21	0.54025	(12012311)
371710.41	3754464.21	0.66572	(16062108)	371760.41	3754464.21	0.79823	(16021710)
371810.41	3754464.21	0.92960	(15082509)	371860.41	3754464.21	0.88345	(16072410)
371910.41	3754464.21	0.78260	(16072009)	371960.41	3754464.21	0.94737	(14041509)
372010.41	3754464.21	0.93331	(16013114)	372060.41	3754464.21	0.95009	(16032816)
372110.41	3754464.21	0.82410	(15122207)	372160.41	3754464.21	0.65847	(12112316)
372210.41	3754464.21	0.62236	(14013107)	372260.41	3754464.21	0.56967	(16112616)
371460.41	3754514.21	0.42361	(12032507)	371510.41	3754514.21	0.47046	(12032507)
371560.41	3754514.21	0.50732	(12032507)	371610.41	3754514.21	0.51754	(12032507)
371660.41	3754514.21	0.50415	(16010315)	371710.41	3754514.21	0.61497	(13050408)
371760.41	3754514.21	0.73738	(15092108)	371810.41	3754514.21	1.46934	(14022807)
371860.41	3754514.21	1.43127	(14022807)	371910.41	3754514.21	0.94090	(16062009)
371960.41	3754514.21	0.83840	(15110212)	372010.41	3754514.21	0.79273	(12061212)
372060.41	3754514.21	0.94538	(16013114)	372110.41	3754514.21	0.71587	(16013114)
372160.41	3754514.21	0.61404	(16032816)	372210.41	3754514.21	0.62840	(16031115)
372260.41	3754514.21	0.56540	(16030316)	371460.41	3754564.21	0.46785	(12032507)
371510.41	3754564.21	0.48857	(12032507)	371560.41	3754564.21	0.47801	(12032507)
371610.41	3754564.21	0.41463	(12032507)	371660.41	3754564.21	0.48428	(16010314)
371710.41	3754564.21	0.55709	(15092112)	371760.41			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** 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)
372010.41	3754664.21	0.64919	(16010612)	372060.41	3754664.21	0.67897	(14022816)
372110.41	3754664.21	0.57071	(16010613)	372160.41	3754664.21	0.55663	(12032515)
372210.41	3754664.21	0.52260	(12032515)	372260.41	3754664.21	0.46222	(14122416)
371460.41	3754714.21	0.30687	(14121208)	371510.41	3754714.21	0.36448	(14121208)
371560.41	3754714.21	0.39850	(14121208)	371610.41	3754714.21	0.40174	(14022807)
371660.41	3754714.21	0.62515	(14022807)	371710.41	3754714.21	0.81728	(14022807)
371760.41	3754714.21	0.81745	(14022807)	371810.41	3754714.21	0.54951	(14022807)
371860.41	3754714.21	0.58259	(14022808)	371910.41	3754714.21	0.62476	(12032514)
371960.41	3754714.21	0.61854	(16013113)	372010.41	3754714.21	0.68592	(16010612)
372060.41	3754714.21	0.57488	(14022816)	372110.41	3754714.21	0.57801	(14022816)
372160.41	3754714.21	0.48287	(16010613)	372210.41	3754714.21	0.45101	(12032515)
372260.41	3754714.21	0.42361	(12032515)	371460.41	3754764.21	0.34813	(14121208)
371510.41	3754764.21	0.37645	(14121208)	371560.41	3754764.21	0.36907	(14121208)
371610.41	3754764.21	0.46040	(14022807)	371660.41	3754764.21	0.62166	(14022807)
371710.41	3754764.21	0.68914	(14022807)	371760.41	3754764.21	0.59406	(14022807)
371810.41	3754764.21	0.54860	(12111714)	371860.41	3754764.21	0.59282	(16122316)
371910.41	3754764.21	0.59955	(12032514)	371960.41	3754764.21	0.56632	(16091307)
372010.41	3754764.21	0.61573	(16010612)	372060.41	3754764.21	0.50310	(14030113)
372110.41	3754764.21	0.53997	(14022816)	372160.41	3754764.21	0.44819	(14022815)
372210.41	3754764.21	0.39225	(15022215)	372260.41			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** 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)
371460.41	3753964.21	0.19356	(13011308)	371510.41	3753964.21	0.19761	(15010608)
371560.41	3753964.21	0.22461	(12020408)	371610.41	3753964.21	0.25128	(13011208)
371660.41	3753964.21	0.28194	(13011208)	371710.41	3753964.21	0.32213	(16120216)
371760.41	3753964.21	0.36752	(16120216)	371810.41	3753964.21	0.28933	(16120216)
371860.41	3753964.21	0.18384	(14122516)	371910.41	3753964.21	0.30539	(14122516)
371960.41	3753964.21	0.34920	(14122516)	372010.41	3753964.21	0.29757	(14122516)
372060.41	3753964.21	0.21063	(14122516)	372110.41	3753964.21	0.19071	(15121216)
372160.41	3753964.21	0.15177	(15121216)	372210.41	3753964.21	0.12039	(15022416)
372260.41	3753964.21	0.10182	(13011016)	371460.41	3754014.21	0.22021	(14121616)
371510.41	3754014.21	0.25346	(13011308)	371560.41	3754014.21	0.25628	(15010608)
371610.41	3754014.21	0.28806	(12020408)	371660.41			

3754014.21 0.32951 (13011208)
371710.41 3754014.21 0.34366 (16120216) 371760.41
3754014.21 0.43742 (16120216)
371810.41 3754014.21 0.38983 (16120216) 371860.41
3754014.21 0.22812 (16120216)
371910.41 3754014.21 0.37296 (14122516) 371960.41
3754014.21 0.40370 (14122516)
372010.41 3754014.21 0.33165 (14122516) 372060.41
3754014.21 0.24305 (15121216)
372110.41 3754014.21 0.20295 (15121216) 372160.41
3754014.21 0.15110 (15022416)
372210.41 3754014.21 0.12516 (13011016) 372260.41
3754014.21 0.10554 (15122516)
371460.41 3754064.21 0.24912 (14121616) 371510.41
3754064.21 0.29655 (14121616)
371560.41 3754064.21 0.32284 (13011308) 371610.41
3754064.21 0.32437 (15010608)
371660.41 3754064.21 0.35129 (12020408) 371710.41
3754064.21 0.39986 (13011208)
371760.41 3754064.21 0.51157 (16120216) 371810.41
3754064.21 0.51314 (16120216)
371860.41 3754064.21 0.29985 (16120216) 371910.41
3754064.21 0.45448 (14122516)
371960.41 3754064.21 0.48089 (14122516) 372010.41
3754064.21 0.35630 (14122516)
372060.41 3754064.21 0.27309 (15121216) 372110.41
3754064.21 0.20190 (15121216)
372160.41 3754064.21 0.15490 (13011016) 372210.41
3754064.21 0.12661 (15122516)
372260.41 3754064.21 0.11999 (15122516) 371460.41
3754114.21 0.27363 (13011908)
371510.41 3754114.21 0.33025 (14121616) 371560.41
3754114.21 0.39971 (14121616)
371610.41 3754114.21 0.42606 (14121616) 371660.41
3754114.21 0.39450 (15010608)
371710.41 3754114.21 0.44072 (13011208) 371760.41
3754114.21 0.54940 (16120216)
371810.41 3754114.21 0.67136 (16120216) 371860.41
3754114.21 0.42587 (16120216)
371910.41 3754114.21 0.55206 (14122516) 371960.41
3754114.21 0.56161 (14122516)
372010.41 3754114.21 0.35976 (14122516) 372060.41
3754114.21 0.28752 (15121216)
372110.41 3754114.21 0.20388 (15022416) 372160.41
3754114.21 0.15691 (12122716)
372210.41 3754114.21 0.14678 (15122516) 372260.41
3754114.21 0.12186 (15122516)
371460.41 3754164.21 0.26997m (15121708) 371510.41
3754164.21 0.32664 (13011908)
371560.41 3754164.21 0.43660 (14121616) 371610.41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** 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)
372060.41	3754164.21	0.27022	(15111616)	372110.41	3754164.21	0.20275	(13011016)
372160.41	3754164.21	0.18177	(15122516)	372210.41	3754164.21	0.14825	(15122516)
372260.41	3754164.21	0.11186	(15122516)	371460.41	3754214.21	0.32251m	(15121708)
371510.41	3754214.21	0.36340m	(15121708)	371560.41	3754214.21	0.38635	(14121616)
371610.41	3754214.21	0.55798	(14121616)	371660.41	3754214.21	0.71923	(14121616)
371710.41	3754214.21	0.77510	(14121616)	371760.41	3754214.21	0.67737	(12021616)
371810.41	3754214.21	0.94774	(16120216)	371860.41	3754214.21	0.99046	(16120216)
371910.41	3754214.21	0.89644	(14122516)	371960.41	3754214.21	0.71006	(14122516)
372010.41	3754214.21	0.41028	(15111616)	372060.41	3754214.21	0.26486	(13011016)
372110.41	3754214.21	0.22651	(15122516)	372160.41			

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3754214.21        0.17740  (15122516)
       372210.41   3754214.21        0.13104  (15122516)                372260.41
3754214.21        0.12279  (15121408)
       371460.41   3754264.21        0.34581  (12121616)                371510.41
3754264.21        0.39509  (12121616)
       371560.41   3754264.21        0.43132  (13012516)                371610.41
3754264.21        0.51059  (16122616)
       371660.41   3754264.21        0.69838  (14121616)                371710.41
3754264.21        1.01350  (14121616)
       371760.41   3754264.21        1.15450  (14121616)                371810.41
3754264.21        1.78746  (12021616)
       371860.41   3754264.21        2.04256  (16120216)                371910.41
3754264.21        1.45483  (14122516)
       371960.41   3754264.21        0.63956  (14122516)                372010.41
3754264.21        0.33288  (15022416)
       372060.41   3754264.21        0.27802  (15122516)                372110.41
3754264.21        0.22135  (12102508)
       372160.41   3754264.21        0.15273  (12102508)                372210.41
3754264.21        0.14726  (12122616)
       372260.41   3754264.21        0.14135  (12122616)                371460.41
3754314.21        0.37884  (12121616)
       371510.41   3754314.21        0.46512  (12121616)                371560.41
3754314.21        0.57431  (12121616)
       371610.41   3754314.21        0.67899  (12121616)                371660.41
3754314.21        0.78348  (12121616)
       371710.41   3754314.21        0.98630  (16122616)                371760.41
3754314.21        2.82612  (14121616)
       371960.41   3754314.21        0.49219  (14020116)                372010.41
3754314.21        0.30946  (12102508)
       372060.41   3754314.21        0.27231  (12102508)                372110.41
3754314.21        0.24425  (12122616)
       372160.41   3754314.21        0.23814  (12122616)                372210.41
3754314.21        0.22431  (12122616)
       372260.41   3754314.21        0.20445  (12122616)                371460.41
3754364.21        0.31832  (12121616)
       371510.41   3754364.21        0.40637  (12121616)                371560.41
3754364.21        0.51871  (12121616)
       371610.41   3754364.21        0.67214  (12121616)                371660.41
3754364.21        0.93858  (12121616)
       371710.41   3754364.21        1.28115  (12121616)                371760.41
3754364.21        2.67213  (12121616)
       371960.41   3754364.21        0.19530  (13111216)                372010.41
3754364.21        0.34552  (15122208)
       372060.41   3754364.21        0.43631  (13041616)                372110.41
3754364.21        0.42525  (13041616)
       372160.41   3754364.21        0.37620  (15121116)                372210.41
3754364.21        0.33225  (15121116)
       372260.41   3754364.21        0.28518  (15121116)                371460.41
3754414.21        0.26061  (13112916)
       371510.41   3754414.21        0.31307  (13112916)                371560.41
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** 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)
372260.41	3754414.21	0.36817	(13092016)	371460.41	3754464.21	0.19356	(13112916)
371510.41	3754464.21	0.22521	(13112916)	371560.41	3754464.21	0.26017	(13112916)
371610.41	3754464.21	0.29915	(13112916)	371660.41	3754464.21	0.35306	(12012316)
371710.41	3754464.21	0.43209	(12012316)	371760.41	3754464.21	0.46056	(12012316)
371810.41	3754464.21	0.47108	(16010316)	371860.41	3754464.21	0.48945	(13060216)
371910.41	3754464.21	0.22206	(13122916)	371960.41	3754464.21	0.36565	(12052316)
372010.41	3754464.21	0.60773	(12052316)	372060.41	3754464.21	0.61216	(16091216)
372110.41	3754464.21	0.55313	(16101116)	372160.41	3754464.21	0.52615	(16121616)
372210.41	3754464.21	0.47883	(16121616)	372260.41			

3754464.21 0.43707 (16030616)
371460.41 3754514.21 0.14237 (12012316) 371510.41
3754514.21 0.16923 (12012316)
371560.41 3754514.21 0.20019 (12012316) 371610.41
3754514.21 0.23820 (16010316)
371660.41 3754514.21 0.30943 (16010316) 371710.41
3754514.21 0.36273 (16010316)
371760.41 3754514.21 0.41992 (16062116) 371810.41
3754514.21 0.47580 (13050416)
371860.41 3754514.21 0.36732 (13060216) 371910.41
3754514.21 0.24265m (12121216)
371960.41 3754514.21 0.26740 (14022816) 372010.41
3754514.21 0.43682 (12052316)
372060.41 3754514.21 0.55699 (12052316) 372110.41
3754514.21 0.48072 (13052816)
372160.41 3754514.21 0.45195 (16070316) 372210.41
3754514.21 0.42540 (16101616)
372260.41 3754514.21 0.38280 (16101616) 371460.41
3754564.21 0.13697 (16010316)
371510.41 3754564.21 0.17231 (16010316) 371560.41
3754564.21 0.21127 (16010316)
371610.41 3754564.21 0.24506 (16010316) 371660.41
3754564.21 0.25685 (16010316)
371710.41 3754564.21 0.32024 (16062116) 371760.41
3754564.21 0.39509 (13050416)
371810.41 3754564.21 0.44830 (13050416) 371860.41
3754564.21 0.26071 (13050516)
371910.41 3754564.21 0.28804 (16013116) 371960.41
3754564.21 0.24821 (14022816)
372010.41 3754564.21 0.23725 (14022816) 372060.41
3754564.21 0.34137 (12052316)
372110.41 3754564.21 0.40654 (12052316) 372160.41
3754564.21 0.37347 (12052316)
372210.41 3754564.21 0.36047 (16051416) 372260.41
3754564.21 0.36294 (14121216)
371460.41 3754614.21 0.15004 (16010316) 371510.41
3754614.21 0.17020 (16010316)
371560.41 3754614.21 0.18166 (16010316) 371610.41
3754614.21 0.18646 (12112916)
371660.41 3754614.21 0.23637 (16062116) 371710.41
3754614.21 0.29907 (13050416)
371760.41 3754614.21 0.36670 (13050416) 371810.41
3754614.21 0.39602 (13050516)
371860.41 3754614.21 0.21397 (13050516) 371910.41
3754614.21 0.26731 (16013116)
371960.41 3754614.21 0.30842 (16013116) 372010.41
3754614.21 0.26860 (14022816)
372060.41 3754614.21 0.18976 (16041616) 372110.41
3754614.21 0.25214 (14080316)
372160.41 3754614.21 0.28950 (12052316) 372210.41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** 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)
372010.41	3754664.21	0.20886	(16041616)	372060.41	3754664.21	0.22449	(14022816)
372110.41	3754664.21	0.16347	(15040716)	372160.41	3754664.21	0.19883	(14080316)
372210.41	3754664.21	0.21079	(12052316)	372260.41	3754664.21	0.21225	(12052316)
371460.41	3754714.21	0.11899	(12112916)	371510.41	3754714.21	0.12021	(12112916)
371560.41	3754714.21	0.15544	(12032516)	371610.41	3754714.21	0.18707	(12032516)
371660.41	3754714.21	0.21610	(13050416)	371710.41	3754714.21	0.27184	(13050516)
371760.41	3754714.21	0.30778	(13050516)	371810.41	3754714.21	0.24811	(13050516)
371860.41	3754714.21	0.13492	(13050516)	371910.41			

```
 3754714.21        0.17883  (16013116)
       371960.41   3754714.21        0.24714  (16013116)                372010.41
 3754714.21        0.17514  (16013116)
       372060.41   3754714.21        0.20420  (14022816)                372110.41
 3754714.21        0.18191  (14022816)
       372160.41   3754714.21        0.13982  (15040716)                372210.41
 3754714.21        0.15652  (14080316)
       372260.41   3754714.21        0.16079  (14110316)                371460.41
 3754764.21        0.09939  (12112916)
       371510.41   3754764.21        0.12906  (12032516)                371560.41
 3754764.21        0.15169  (12032516)
       371610.41   3754764.21        0.16893  (13050416)                371660.41
 3754764.21        0.20528  (13050516)
       371710.41   3754764.21        0.25484  (13050516)                371760.41
 3754764.21        0.25466  (13050516)
       371810.41   3754764.21        0.19493  (13050516)                371860.41
 3754764.21        0.12489  (15012616)
       371910.41   3754764.21        0.14670  (16013116)                371960.41
 3754764.21        0.20564  (16013116)
       372010.41   3754764.21        0.17334  (16013116)                372060.41
 3754764.21        0.16365  (15040716)
       372110.41   3754764.21        0.17495  (14022816)                372160.41
 3754764.21        0.14138  (15040716)
       372210.41   3754764.21        0.11418  (15022216)                372260.41
 3754764.21        0.12418  (14080316)
       371769.55   3754422.82        0.99267  (13112916)                371937.65
 3754421.07        0.22097  (13102116)
       371939.40   3754282.74        0.97549  (14122516)                371941.15
 3754277.48        0.94724  (14122516)
       371762.54   3754273.98        1.46510  (14121616)                371765.17
 3754425.45        0.93974  (13112916)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_CO\Ollie_CO.isc                      ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:44:42

                                  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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 5.38616 ON 12121607: AT (371760.41, 3754314.21, 32.34, 32.34, 0.00) DC

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

- -

ALL HIGH 1ST HIGH VALUE IS 2.82612 ON 14121616: AT (371760.41, 3754314.21, 32.34, 32.34, 0.00) DC

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

```
 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            3 Warning Message(s)
A Total of          718 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          458 Calm Hours Identified

A Total of          260 Missing Hours Identified (  0.59 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320      39        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
ME W186     125       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187     125       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie_NOx\Ollie_NOx.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie_NOx\Ollie_NOx.isc
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1 ANNUAL
   URBANOPT 10040000 LA_County
   POLLUTID NO2
   RUNORNOT RUN
** NO2 Conversion Options
   ARMRATIO 0.500 0.900
   ERRORFIL Ollie_NOx.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1        0.382579444     5.000   763.850 224.390836796445     0.229

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67
```

```
   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ollie_NOx.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Maximum Annual Average POST files for Each Met Year
   POSTFILE ANNUAL ALL PLOT OLLIE_NOX.AD\ANNUAL_G001.PLT 31
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OLLIE_NOX.AD\01H1GALL.PLT 32
   PLOTFILE 1 ALL 8TH OLLIE_NOX.AD\01H8GALL.PLT 33
   PLOTFILE ANNUAL ALL OLLIE_NOX.AD\AN00GALL.PLT 34
   MXDYBYYR ALL OLLIE_NOX.AD\MXDYBYYR_ALL_NO2.DAT 35
   MAXDAILY ALL OLLIE_NOX.AD\MAXDAILY_ALL_NO2.DAT 36
   SUMMFILE Ollie_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            4 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 CO W361      28       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 SO W320      41        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 ME W186     110       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
```

```
      0.50
 ME W187     110       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:52:59

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  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.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =  10040000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.
```

```
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be
simulated using the MULTYEAR keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run
using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.

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

 **This Run Includes:      1 Source(s);       1 Source Group(s); and     286
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of Concurrent Values for Postprocessing
(POSTFILE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Day
(MAXDAILY Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Year
(MXDYBYYR Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    30.00 ;  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:   Ollie_NOx.err

 **File for Summary of Results:   Ollie_NOx.sum

↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:52:59

                                   PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE     STACK   STACK
STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.
EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC)  (METERS)                    VARY BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 STCK1            0   0.38258E+00  371900.7 3754412.6    30.9     5.00   763.85
224.39     0.23    YES     YES   NO  HROFDY
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:52:59

                                   PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                             *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                        SOURCE IDs
```

                                         *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             10040000.   STCK1   ,

                                         *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: STCK1
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   10.7, 113.8, 104.3, -126.3,   36.1,   2   10.7, 124.1, 117.1,
-137.9,   22.7,
    3   10.7, 130.7, 126.4, -145.2,   8.5,   4   10.7, 133.3, 131.9,
-148.2,   -5.8,
    5   10.7, 131.9, 133.3, -146.7, -20.0,   6   10.7, 126.4, 130.7,
-140.7, -33.6,
    7   10.7, 117.1, 124.1, -130.4, -46.2,   8   10.7, 104.3, 113.8,
-116.1, -57.3,
    9   0.0,   0.0,   0.0,   0.0,   0.0,   10   0.0,   0.0,   0.0,
0.0,   0.0,
   11   0.0,   0.0,   0.0,   0.0,   0.0,   12   0.0,   0.0,   0.0,
0.0,   0.0,
   13   0.0,   0.0,   0.0,   0.0,   0.0,   14   0.0,   0.0,   0.0,
0.0,   0.0,

```
   15    0.0,    0.0,    0.0,    0.0,    0.0,     16    0.0,    0.0,    0.0,
0.0,    0.0,
   17   10.7,  113.8,  104.3,    5.2,  -59.3,     18    0.0,    0.0,    0.0,
0.0,    0.0,
   19    0.0,    0.0,    0.0,    0.0,    0.0,     20   10.7,  124.1,  117.1,
20.7,  -22.7,
   21   10.7,  130.7,  126.4,   18.8,   -8.5,     22   10.7,  133.3,  131.9,
16.3,    5.8,
   23   10.7,  131.9,  133.3,   13.3,   20.0,     24   10.7,  126.4,  130.7,
10.0,   33.6,
   25   10.7,  117.1,  124.1,    6.3,   46.2,     26   10.7,  104.3,  113.8,
2.4,   57.3,
   27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,
0.0,    0.0,
   29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,
0.0,    0.0,
   31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,
0.0,    0.0,
   33    0.0,    0.0,    0.0,    0.0,    0.0,     34    0.0,    0.0,    0.0,
0.0,    0.0,
   35   10.7,  113.8,  104.3, -109.5,   59.3,     36   10.7,   99.9,   88.3,
-110.9,   48.4,

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:52:59

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR       HOUR    SCALAR       HOUR    SCALAR       HOUR    SCALAR
 HOUR    SCALAR       HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = STCK1        ; SOURCE TYPE = POINT    :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .00000E+00     18   .00000E+00
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

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

(371460.4, 3753964.2, 34.9, 34.9, 0.0); (371510.4, 3753964.2, 34.8, 34.8, 0.0);
(371560.4, 3753964.2, 35.0, 35.0, 0.0); (371610.4, 3753964.2, 34.1, 34.1, 0.0);
(371660.4, 3753964.2, 33.2, 33.2, 0.0); (371710.4, 3753964.2, 32.7, 32.7, 0.0);
(371760.4, 3753964.2, 32.0, 32.0, 0.0); (371810.4, 3753964.2, 32.3, 32.3, 0.0);
(371860.4, 3753964.2, 32.2, 32.2, 0.0); (371910.4, 3753964.2, 32.2, 32.2, 0.0);
(371960.4, 3753964.2, 31.4, 31.4, 0.0); (372010.4, 3753964.2, 30.2, 30.2, 0.0);
(372060.4, 3753964.2, 30.3, 30.3, 0.0); (372110.4, 3753964.2, 30.2, 30.2, 0.0);
(372160.4, 3753964.2, 29.6, 29.6, 0.0); (372210.4, 3753964.2, 30.0, 30.0, 0.0);
(372260.4, 3753964.2, 30.5, 30.5, 0.0); (371460.4, 3754014.2, 35.3, 35.3, 0.0);
(371510.4, 3754014.2, 35.7, 35.7, 0.0); (371560.4, 3754014.2, 35.3, 35.3, 0.0);
(371610.4, 3754014.2, 34.2, 34.2, 0.0); (371660.4, 3754014.2, 34.1, 34.1, 0.0);
(371710.4, 3754014.2, 33.9, 33.9, 0.0); (371760.4, 3754014.2, 32.0, 32.0, 0.0);
(371810.4, 3754014.2, 32.1, 32.1, 0.0); (371860.4, 3754014.2, 31.9, 31.9, 0.0);
(371910.4, 3754014.2, 31.7, 31.7, 0.0); (371960.4, 3754014.2, 31.3, 31.3, 0.0);
(372010.4, 3754014.2, 30.1, 30.1, 0.0); (372060.4, 3754014.2, 30.3, 30.3, 0.0);
(372110.4, 3754014.2, 30.0, 30.0, 0.0); (372160.4, 3754014.2, 29.8, 29.8, 0.0);
(372210.4, 3754014.2, 30.2, 30.2, 0.0); (372260.4, 3754014.2, 30.5, 30.5, 0.0);
(371460.4, 3754064.2, 35.0, 35.0, 0.0); (371510.4, 3754064.2, 35.6, 35.6, 0.0);
(371560.4, 3754064.2, 35.4, 35.4, 0.0); (371610.4, 3754064.2, 33.9, 33.9, 0.0);

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     ( 371660.4, 3754064.2,      33.8,      33.8,       0.0);         ( 371710.4,
3754064.2,      33.5,      33.5,       0.0);
     ( 371760.4, 3754064.2,      32.2,      32.2,       0.0);         ( 371810.4,
3754064.2,      32.2,      32.2,       0.0);
     ( 371860.4, 3754064.2,      31.5,      31.5,       0.0);         ( 371910.4,
3754064.2,      31.2,      31.2,       0.0);
     ( 371960.4, 3754064.2,      31.3,      31.3,       0.0);         ( 372010.4,
3754064.2,      30.1,      30.1,       0.0);
     ( 372060.4, 3754064.2,      30.4,      30.4,       0.0);         ( 372110.4,
3754064.2,      30.1,      30.1,       0.0);
     ( 372160.4, 3754064.2,      29.7,      29.7,       0.0);         ( 372210.4,
3754064.2,      30.5,      30.5,       0.0);
     ( 372260.4, 3754064.2,      30.4,      30.4,       0.0);         ( 371460.4,
3754114.2,      34.4,      34.4,       0.0);
     ( 371510.4, 3754114.2,      34.7,      34.7,       0.0);         ( 371560.4,
3754114.2,      34.8,      34.8,       0.0);
     ( 371610.4, 3754114.2,      34.4,      34.4,       0.0);         ( 371660.4,
3754114.2,      33.6,      33.6,       0.0);
     ( 371710.4, 3754114.2,      32.8,      32.8,       0.0);         ( 371760.4,
3754114.2,      32.3,      32.3,       0.0);
     ( 371810.4, 3754114.2,      31.9,      31.9,       0.0);         ( 371860.4,
3754114.2,      31.3,      31.3,       0.0);
     ( 371910.4, 3754114.2,      30.7,      30.7,       0.0);         ( 371960.4,
3754114.2,      30.7,      30.7,       0.0);
     ( 372010.4, 3754114.2,      30.2,      30.2,       0.0);         ( 372060.4,
3754114.2,      30.4,      30.4,       0.0);
     ( 372110.4, 3754114.2,      30.2,      30.2,       0.0);         ( 372160.4,
3754114.2,      29.9,      29.9,       0.0);
     ( 372210.4, 3754114.2,      30.5,      30.5,       0.0);         ( 372260.4,
3754114.2,      30.4,      30.4,       0.0);
     ( 371460.4, 3754164.2,      35.0,      35.0,       0.0);         ( 371510.4,
3754164.2,      35.6,      35.6,       0.0);
     ( 371560.4, 3754164.2,      35.3,      35.3,       0.0);         ( 371610.4,
3754164.2,      34.4,      34.4,       0.0);
     ( 371660.4, 3754164.2,      34.1,      34.1,       0.0);         ( 371710.4,
3754164.2,      33.8,      33.8,       0.0);
     ( 371760.4, 3754164.2,      32.5,      32.5,       0.0);         ( 371810.4,
3754164.2,      32.2,      32.2,       0.0);
     ( 371860.4, 3754164.2,      31.6,      31.6,       0.0);         ( 371910.4,
3754164.2,      31.2,      31.2,       0.0);
     ( 371960.4, 3754164.2,      30.3,      30.3,       0.0);         ( 372010.4,
3754164.2,      30.2,      30.2,       0.0);
     ( 372060.4, 3754164.2,      30.3,      30.3,       0.0);         ( 372110.4,
3754164.2,      30.3,      30.3,       0.0);
     ( 372160.4, 3754164.2,      30.4,      30.4,       0.0);         ( 372210.4,
3754164.2,      30.9,      30.9,       0.0);
     ( 372260.4, 3754164.2,      30.5,      30.5,       0.0);         ( 371460.4,
3754214.2,      35.1,      35.1,       0.0);
     ( 371510.4, 3754214.2,      35.7,      35.7,       0.0);         ( 371560.4,
3754214.2,      35.7,      35.7,       0.0);
```

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

(371710.4, 3754214.2, 33.6, 33.6, 0.0); (371760.4, 3754214.2, 32.6, 32.6, 0.0);
(371810.4, 3754214.2, 32.6, 32.6, 0.0); (371860.4, 3754214.2, 31.2, 31.2, 0.0);
(371910.4, 3754214.2, 30.2, 30.2, 0.0); (371960.4, 3754214.2, 30.8, 30.8, 0.0);
(372010.4, 3754214.2, 30.6, 30.6, 0.0); (372060.4, 3754214.2, 30.6, 30.6, 0.0);
(372110.4, 3754214.2, 30.2, 30.2, 0.0); (372160.4, 3754214.2, 30.3, 30.3, 0.0);
(372210.4, 3754214.2, 30.7, 30.7, 0.0); (372260.4, 3754214.2, 30.5, 30.5, 0.0);
(371460.4, 3754264.2, 35.6, 35.6, 0.0); (371510.4, 3754264.2, 36.0, 36.0, 0.0);
(371560.4, 3754264.2, 36.0, 36.0, 0.0); (371610.4, 3754264.2, 33.2, 33.2, 0.0);
(371660.4, 3754264.2, 32.8, 32.8, 0.0); (371710.4, 3754264.2, 32.5, 32.5, 0.0);
(371760.4, 3754264.2, 32.4, 32.4, 0.0); (371810.4, 3754264.2, 32.4, 32.4, 0.0);
(371860.4, 3754264.2, 31.0, 31.0, 0.0); (371910.4, 3754264.2, 30.4, 30.4, 0.0);
(371960.4, 3754264.2, 30.7, 30.7, 0.0); (372010.4, 3754264.2, 30.8, 30.8, 0.0);
(372060.4, 3754264.2, 30.8, 30.8, 0.0); (372110.4, 3754264.2, 30.9, 30.9, 0.0);
(372160.4, 3754264.2, 30.2, 30.2, 0.0); (372210.4, 3754264.2, 30.6, 30.6, 0.0);
(372260.4, 3754264.2, 30.7, 30.7, 0.0); (371460.4, 3754314.2, 35.5, 35.5, 0.0);
(371510.4, 3754314.2, 35.8, 35.8, 0.0); (371560.4, 3754314.2, 35.3, 35.3, 0.0);
(371610.4, 3754314.2, 33.6, 33.6, 0.0); (371660.4, 3754314.2, 33.6, 33.6, 0.0);
(371710.4, 3754314.2, 33.0, 33.0, 0.0); (371760.4, 3754314.2, 32.3, 32.3, 0.0);

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     ( 371960.4, 3754314.2,      30.5,      30.5,       0.0);         ( 372010.4,
3754314.2,      30.5,      30.5,       0.0);
     ( 372060.4, 3754314.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754314.2,      30.8,      30.8,       0.0);
     ( 372160.4, 3754314.2,      30.6,      30.6,       0.0);         ( 372210.4,
3754314.2,      30.7,      30.7,       0.0);
     ( 372260.4, 3754314.2,      30.6,      30.6,       0.0);         ( 371460.4,
3754364.2,      34.4,      34.4,       0.0);
     ( 371510.4, 3754364.2,      34.0,      34.0,       0.0);         ( 371560.4,
3754364.2,      33.6,      33.6,       0.0);
     ( 371610.4, 3754364.2,      32.9,      32.9,       0.0);         ( 371660.4,
3754364.2,      33.0,      33.0,       0.0);
     ( 371710.4, 3754364.2,      32.7,      32.7,       0.0);         ( 371760.4,
3754364.2,      32.2,      32.2,       0.0);
     ( 371960.4, 3754364.2,      30.6,      30.6,       0.0);         ( 372010.4,
3754364.2,      30.1,      30.1,       0.0);
     ( 372060.4, 3754364.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754364.2,      30.9,      30.9,       0.0);
     ( 372160.4, 3754364.2,      30.4,      30.4,       0.0);         ( 372210.4,
3754364.2,      30.7,      30.7,       0.0);
     ( 372260.4, 3754364.2,      30.7,      30.7,       0.0);         ( 371460.4,
3754414.2,      34.2,      34.2,       0.0);
     ( 371510.4, 3754414.2,      34.1,      34.1,       0.0);         ( 371560.4,
3754414.2,      33.7,      33.7,       0.0);
     ( 371610.4, 3754414.2,      32.5,      32.5,       0.0);         ( 371660.4,
3754414.2,      32.6,      32.6,       0.0);
     ( 371710.4, 3754414.2,      32.4,      32.4,       0.0);         ( 371760.4,
3754414.2,      31.9,      31.9,       0.0);
     ( 371960.4, 3754414.2,      30.6,      30.6,       0.0);         ( 372010.4,
3754414.2,      30.4,      30.4,       0.0);
     ( 372060.4, 3754414.2,      30.7,      30.7,       0.0);         ( 372110.4,
3754414.2,      30.9,      30.9,       0.0);
     ( 372160.4, 3754414.2,      30.4,      30.4,       0.0);         ( 372210.4,
3754414.2,      30.7,      30.7,       0.0);
     ( 372260.4, 3754414.2,      30.8,      30.8,       0.0);         ( 371460.4,
3754464.2,      32.5,      32.5,       0.0);
     ( 371510.4, 3754464.2,      32.9,      32.9,       0.0);         ( 371560.4,
3754464.2,      32.8,      32.8,       0.0);
     ( 371610.4, 3754464.2,      32.4,      32.4,       0.0);         ( 371660.4,
3754464.2,      32.1,      32.1,       0.0);
     ( 371710.4, 3754464.2,      32.2,      32.2,       0.0);         ( 371760.4,
3754464.2,      31.8,      31.8,       0.0);
     ( 371810.4, 3754464.2,      31.8,      31.8,       0.0);         ( 371860.4,
3754464.2,      31.8,      31.8,       0.0);
     ( 371910.4, 3754464.2,      31.4,      31.4,       0.0);         ( 371960.4,
3754464.2,      31.0,      31.0,       0.0);
     ( 372010.4, 3754464.2,      30.7,      30.7,       0.0);         ( 372060.4,
3754464.2,      30.4,      30.4,       0.0);
     ( 372110.4, 3754464.2,      30.5,      30.5,       0.0);         ( 372160.4,
3754464.2,      30.4,      30.4,       0.0);
```

(372210.4, 3754464.2, 30.8, 30.8, 0.0); (372260.4, 3754464.2, 30.8, 30.8, 0.0);
(371460.4, 3754514.2, 32.3, 32.3, 0.0); (371510.4, 3754514.2, 32.7, 32.7, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

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

(371560.4, 3754514.2, 32.7, 32.7, 0.0); (371610.4, 3754514.2, 32.0, 32.0, 0.0);
(371660.4, 3754514.2, 32.3, 32.3, 0.0); (371710.4, 3754514.2, 32.0, 32.0, 0.0);
(371760.4, 3754514.2, 31.6, 31.6, 0.0); (371810.4, 3754514.2, 31.9, 31.9, 0.0);
(371860.4, 3754514.2, 32.1, 32.1, 0.0); (371910.4, 3754514.2, 31.8, 31.8, 0.0);
(371960.4, 3754514.2, 30.8, 30.8, 0.0); (372010.4, 3754514.2, 30.8, 30.8, 0.0);
(372060.4, 3754514.2, 30.6, 30.6, 0.0); (372110.4, 3754514.2, 30.7, 30.7, 0.0);
(372160.4, 3754514.2, 30.5, 30.5, 0.0); (372210.4, 3754514.2, 30.9, 30.9, 0.0);
(372260.4, 3754514.2, 30.7, 30.7, 0.0); (371460.4, 3754564.2, 32.2, 32.2, 0.0);
(371510.4, 3754564.2, 32.0, 32.0, 0.0); (371560.4, 3754564.2, 31.9, 31.9, 0.0);
(371610.4, 3754564.2, 31.8, 31.8, 0.0); (371660.4, 3754564.2, 31.7, 31.7, 0.0);
(371710.4, 3754564.2, 31.4, 31.4, 0.0); (371760.4, 3754564.2, 31.1, 31.1, 0.0);
(371810.4, 3754564.2, 31.1, 31.1, 0.0); (371860.4, 3754564.2, 31.0, 31.0, 0.0);
(371910.4, 3754564.2, 30.8, 30.8, 0.0); (371960.4, 3754564.2, 30.7, 30.7, 0.0);
(372010.4, 3754564.2, 30.8, 30.8, 0.0); (372060.4, 3754564.2, 30.9, 30.9, 0.0);
(372110.4, 3754564.2, 30.9, 30.9, 0.0); (372160.4, 3754564.2, 30.7, 30.7, 0.0);
(372210.4, 3754564.2, 30.9, 30.9, 0.0); (372260.4, 3754564.2, 30.7, 30.7, 0.0);
(371460.4, 3754614.2, 32.4, 32.4, 0.0); (371510.4, 3754614.2, 32.0, 32.0, 0.0);

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     ( 371560.4, 3754614.2,      31.9,      31.9,       0.0);         ( 371610.4,
3754614.2,      32.0,      32.0,       0.0);
     ( 371660.4, 3754614.2,      31.8,      31.8,       0.0);         ( 371710.4,
3754614.2,      32.1,      32.1,       0.0);
     ( 371760.4, 3754614.2,      31.1,      31.1,       0.0);         ( 371810.4,
3754614.2,      31.2,      31.2,       0.0);
     ( 371860.4, 3754614.2,      31.3,      31.3,       0.0);         ( 371910.4,
3754614.2,      30.9,      30.9,       0.0);
     ( 371960.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372010.4,
3754614.2,      31.2,      31.2,       0.0);
     ( 372060.4, 3754614.2,      31.9,      31.9,       0.0);         ( 372110.4,
3754614.2,      31.4,      31.4,       0.0);
     ( 372160.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372210.4,
3754614.2,      31.0,      31.0,       0.0);
     ( 372260.4, 3754614.2,      30.9,      30.9,       0.0);         ( 371460.4,
3754664.2,      32.5,      32.5,       0.0);
     ( 371510.4, 3754664.2,      32.2,      32.2,       0.0);         ( 371560.4,
3754664.2,      32.0,      32.0,       0.0);
     ( 371610.4, 3754664.2,      32.1,      32.1,       0.0);         ( 371660.4,
3754664.2,      31.7,      31.7,       0.0);
     ( 371710.4, 3754664.2,      31.4,      31.4,       0.0);         ( 371760.4,
3754664.2,      31.1,      31.1,       0.0);
     ( 371810.4, 3754664.2,      31.4,      31.4,       0.0);         ( 371860.4,
3754664.2,      31.4,      31.4,       0.0);
     ( 371910.4, 3754664.2,      31.1,      31.1,       0.0);         ( 371960.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 372010.4, 3754664.2,      31.4,      31.4,       0.0);         ( 372060.4,
3754664.2,      32.0,      32.0,       0.0);
     ( 372110.4, 3754664.2,      31.6,      31.6,       0.0);         ( 372160.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 372210.4, 3754664.2,      31.2,      31.2,       0.0);         ( 372260.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 371460.4, 3754714.2,      32.6,      32.6,       0.0);         ( 371510.4,
3754714.2,      32.4,      32.4,       0.0);
     ( 371560.4, 3754714.2,      32.3,      32.3,       0.0);         ( 371610.4,
3754714.2,      32.0,      32.0,       0.0);
     ( 371660.4, 3754714.2,      31.8,      31.8,       0.0);         ( 371710.4,
3754714.2,      31.7,      31.7,       0.0);
     ( 371760.4, 3754714.2,      31.3,      31.3,       0.0);         ( 371810.4,
3754714.2,      32.2,      32.2,       0.0);
     ( 371860.4, 3754714.2,      31.8,      31.8,       0.0);         ( 371910.4,
3754714.2,      31.5,      31.5,       0.0);
     ( 371960.4, 3754714.2,      31.2,      31.2,       0.0);         ( 372010.4,
3754714.2,      31.2,      31.2,       0.0);
     ( 372060.4, 3754714.2,      31.5,      31.5,       0.0);         ( 372110.4,
3754714.2,      31.4,      31.4,       0.0);
     ( 372160.4, 3754714.2,      31.0,      31.0,       0.0);         ( 372210.4,
3754714.2,      31.2,      31.2,       0.0);
     ( 372260.4, 3754714.2,      31.0,      31.0,       0.0);         ( 371460.4,
3754764.2,      32.7,      32.7,       0.0);
```

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

(371810.4, 3754764.2, 32.6, 32.6, 0.0); (371860.4, 3754764.2, 32.2, 32.2, 0.0);
(371910.4, 3754764.2, 31.8, 31.8, 0.0); (371960.4, 3754764.2, 31.9, 31.9, 0.0);
(372010.4, 3754764.2, 32.0, 32.0, 0.0); (372060.4, 3754764.2, 32.0, 32.0, 0.0);
(372110.4, 3754764.2, 31.9, 31.9, 0.0); (372160.4, 3754764.2, 31.2, 31.2, 0.0);
(372210.4, 3754764.2, 31.2, 31.2, 0.0); (372260.4, 3754764.2, 31.0, 31.0, 0.0);
(371769.5, 3754422.8, 31.9, 31.9, 0.0); (371937.6, 3754421.1, 30.7, 30.7, 0.0);
(371939.4, 3754282.7, 30.4, 30.4, 0.0); (371941.1, 3754277.5, 30.4, 30.4, 0.0);
(371762.5, 3754274.0, 32.4, 32.4, 0.0); (371765.2, 3754425.4, 31.9, 31.9, 0.0);

*** 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

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           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 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 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                   ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       15:52:59

                                  PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

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

   Surface file:   LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
                  Met Version:  16216
   Profile file:   LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    23174                 Upper air station no.:     3190
                  Name: LOS_ANGELES/INT'L_ARPT                     Name: UNKNOWN

                  Year:   2012                                     Year:   2012

 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
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
 12 01 01   1 01   -5.9  0.105 -9.000 -9.000 -999.   82.     17.6  0.10   2.55
1.00    1.35  246.   10.1  282.5    2.0
 12 01 01   1 02  -21.8  0.218 -9.000 -9.000 -999.  244.     52.3  0.10   2.55
1.00    2.67  268.   10.1  282.0    2.0
 12 01 01   1 03  -10.3  0.139 -9.000 -9.000 -999.  127.     23.6  0.10   2.55
1.00    1.76  311.   10.1  281.4    2.0
 12 01 01   1 04   -3.3  0.080 -9.000 -9.000 -999.   55.     14.1  0.10   2.55
1.00    0.97  280.   10.1  282.0    2.0
 12 01 01   1 05  -10.9  0.144 -9.000 -9.000 -999.  131.     24.4  0.10   2.55
1.00    1.81  267.   10.1  281.4    2.0
 12 01 01   1 06  -20.5  0.205 -9.000 -9.000 -999.  223.     46.3  0.10   2.55
1.00    2.52  283.   10.1  282.5    2.0
 12 01 01   1 07   -5.5  0.101 -9.000 -9.000 -999.   83.     16.9  0.10   2.55
1.00    1.30  324.   10.1  281.4    2.0
 12 01 01   1 08   -4.3  0.096 -9.000 -9.000 -999.   71.     18.6  0.10   2.55
0.55    1.23   90.   10.1  282.5    2.0
 12 01 01   1 09   45.7  0.183  0.378  0.007   43.  188.    -12.2  0.10   2.55
0.32    1.67  106.   10.1  289.2    2.0
 12 01 01   1 10  117.3  0.180  0.751  0.007  131.  184.     -4.5  0.10   2.55
0.24    1.42  105.   10.1  293.8    2.0
 12 01 01   1 11  168.5  0.173  1.222  0.005  391.  173.     -2.8  0.10   2.55
0.21    1.25   27.   10.1  297.5    2.0
 12 01 01   1 12  186.3  0.227  1.521  0.005  680.  260.     -5.7  0.10   2.55
0.20    1.86   63.   10.1  299.2    2.0
 12 01 01   1 13  190.2  0.253  1.817  0.005 1136.  306.     -7.7  0.10   2.55
0.20    2.16  300.   10.1  296.4    2.0
 12 01 01   1 14  160.2  0.448  1.842  0.005 1405.  720.    -50.6  0.10   2.55
0.21    4.68  276.   10.1  291.4    2.0
 12 01 01   1 15  108.6  0.466  1.661  0.005 1520.  764.    -83.9  0.10   2.55
0.24    5.02  270.   10.1  289.9    2.0
 12 01 01   1 16   37.3  0.455  1.167  0.005 1543.  737.   -228.8  0.10   2.55
0.33    5.10  270.   10.1  288.1    2.0
 12 01 01   1 17  -31.4  0.381 -9.000 -9.000 -999.  569.    159.8  0.10   2.55
0.59    4.54  268.   10.1  287.5    2.0
 12 01 01   1 18  -36.0  0.365 -9.000 -9.000 -999.  529.    146.4  0.10   2.55
1.00    4.37  274.   10.1  286.4    2.0
 12 01 01   1 19  -29.6  0.301 -9.000 -9.000 -999.  398.     99.5  0.10   2.55
1.00    3.63  271.   10.1  286.4    2.0
 12 01 01   1 20  -21.0  0.213 -9.000 -9.000 -999.  239.     49.9  0.10   2.55
1.00    2.61  271.   10.1  286.4    2.0
 12 01 01   1 21  -10.3  0.140 -9.000 -9.000 -999.  128.     24.0  0.10   2.55
1.00    1.77  281.   10.1  286.4    2.0
 12 01 01   1 22  -22.9  0.230 -9.000 -9.000 -999.  265.     58.3  0.10   2.55
1.00    2.81  270.   10.1  285.9    2.0
 12 01 01   1 23  -37.0  0.374 -9.000 -9.000 -999.  550.    154.2  0.10   2.55
1.00    4.48  272.   10.1  285.9    2.0
 12 01 01   1 24  -24.0  0.243 -9.000 -9.000 -999.  299.     65.0  0.10   2.55
1.00    2.96  274.   10.1  285.9    2.0
```

First hour of profile data
YR MO DY HR HEIGHT F WDIR   WSPD AMB_TMP sigmaA sigmaW sigmaV
12 01 01 01   10.1 1 246.   1.35   282.6   99.0 -99.00 -99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371460.41	3753964.21	0.02974	371510.41	3753964.21	0.03223
371560.41	3753964.21	0.03364	371610.41	3753964.21	0.03420
371660.41	3753964.21	0.03410	371710.41	3753964.21	0.03293
371760.41	3753964.21	0.03074	371810.41	3753964.21	0.02831
371860.41	3753964.21	0.02707	371910.41	3753964.21	0.02691
371960.41	3753964.21	0.02666	372010.41	3753964.21	0.02505
372060.41	3753964.21	0.02323	372110.41	3753964.21	0.02143
372160.41	3753964.21	0.01968	372210.41	3753964.21	0.01807
372260.41	3753964.21	0.01648	371460.41	3754014.21	0.03476
371510.41	3754014.21	0.03839	371560.41	3754014.21	0.04113
371610.41	3754014.21	0.04276	371660.41		

3754014.21 0.04258
371710.41 3754014.21 0.04142 371760.41
3754014.21 0.03894
371810.41 3754014.21 0.03528 371860.41
3754014.21 0.03326
371910.41 3754014.21 0.03285 371960.41
3754014.21 0.03197
372010.41 3754014.21 0.02964 372060.41
3754014.21 0.02732
372110.41 3754014.21 0.02488 372160.41
3754014.21 0.02258
372210.41 3754014.21 0.02043 372260.41
3754014.21 0.01839
371460.41 3754064.21 0.03959 371510.41
3754064.21 0.04500
371560.41 3754064.21 0.04982 371610.41
3754064.21 0.05310
371660.41 3754064.21 0.05429 371710.41
3754064.21 0.05292
371760.41 3754064.21 0.04980 371810.41
3754064.21 0.04491
371860.41 3754064.21 0.04152 371910.41
3754064.21 0.04065
371960.41 3754064.21 0.03881 372010.41
3754064.21 0.03559
372060.41 3754064.21 0.03238 372110.41
3754064.21 0.02907
372160.41 3754064.21 0.02592 372210.41
3754064.21 0.02316
372260.41 3754064.21 0.02061 371460.41
3754114.21 0.04469
371510.41 3754114.21 0.05166 371560.41
3754114.21 0.05894
371610.41 3754114.21 0.06547 371660.41
3754114.21 0.06913
371710.41 3754114.21 0.06967 371760.41
3754114.21 0.06553
371810.41 3754114.21 0.05908 371860.41
3754114.21 0.05354
371910.41 3754114.21 0.05082 371960.41
3754114.21 0.04764
372010.41 3754114.21 0.04308 372060.41
3754114.21 0.03857
372110.41 3754114.21 0.03404 372160.41
3754114.21 0.02985
372210.41 3754114.21 0.02634 372260.41
3754114.21 0.02339
371460.41 3754164.21 0.04930 371510.41
3754164.21 0.05786
371560.41 3754164.21 0.06797 371610.41

3754164.21 0.07823
371660.41 3754164.21 0.08670 371710.41
3754164.21 0.09105
371760.41 3754164.21 0.08995 371810.41
3754164.21 0.08127
371860.41 3754164.21 0.07108 371910.41
3754164.21 0.06595
371960.41 3754164.21 0.05929 372010.41
3754164.21 0.05242

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372060.41	3754164.21	0.04574	372110.41	3754164.21	0.03968
372160.41	3754164.21	0.03446	372210.41	3754164.21	0.03051
372260.41	3754164.21	0.02759	371460.41	3754214.21	0.05410
371510.41	3754214.21	0.06400	371560.41	3754214.21	0.07625
371610.41	3754214.21	0.09076	371660.41	3754214.21	0.10612
371710.41	3754214.21	0.12109	371760.41	3754214.21	0.12811
371810.41	3754214.21	0.11897	371860.41	3754214.21	0.10200
371910.41	3754214.21	0.08624	371960.41	3754214.21	0.07351
372010.41	3754214.21	0.06302	372060.41	3754214.21	0.05359
372110.41	3754214.21	0.04562	372160.41		

3754214.21 0.04038
372210.41 3754214.21 0.03779 372260.41
3754214.21 0.03689
371460.41 3754264.21 0.05768 371510.41
3754264.21 0.06936
371560.41 3754264.21 0.08327 371610.41
3754264.21 0.10252
371660.41 3754264.21 0.12712 371710.41
3754264.21 0.15789
371760.41 3754264.21 0.18450 371810.41
3754264.21 0.23581
371860.41 3754264.21 0.18239 371910.41
3754264.21 0.12043
371960.41 3754264.21 0.08877 372010.41
3754264.21 0.07360
372060.41 3754264.21 0.06212 372110.41
3754264.21 0.05624
372160.41 3754264.21 0.05613 372210.41
3754264.21 0.06045
372260.41 3754264.21 0.06527 371460.41
3754314.21 0.05883
371510.41 3754314.21 0.07129 371560.41
3754314.21 0.08726
371610.41 3754314.21 0.10858 371660.41
3754314.21 0.14005
371710.41 3754314.21 0.18657 371760.41
3754314.21 0.32718
371960.41 3754314.21 0.10617 372010.41
3754314.21 0.08857
372060.41 3754314.21 0.08725 372110.41
3754314.21 0.10250
372160.41 3754314.21 0.12096 372210.41
3754314.21 0.13457
372260.41 3754314.21 0.14167 371460.41
3754364.21 0.05731
371510.41 3754364.21 0.06976 371560.41
3754364.21 0.08582
371610.41 3754364.21 0.10804 371660.41
3754364.21 0.14305
371710.41 3754364.21 0.19410 371760.41
3754364.21 0.32347
371960.41 3754364.21 0.11877 372010.41
3754364.21 0.15875
372060.41 3754364.21 0.24050 372110.41
3754364.21 0.29420
372160.41 3754364.21 0.30643 372210.41
3754364.21 0.29963
372260.41 3754364.21 0.28420 371460.41
3754414.21 0.05478
371510.41 3754414.21 0.06635 371560.41

3754414.21   0.08175
         371610.41   3754414.21   0.10355   371660.41
3754414.21   0.13549
         371710.41   3754414.21   0.18188   371760.41
3754414.21   0.24487
         371960.41   3754414.21   0.30764   372010.41
3754414.21   0.53439
         372060.41   3754414.21   0.66040   372110.41
3754414.21   0.65880
         372160.41   3754414.21   0.58916   372210.41
3754414.21   0.51875

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372260.41	3754414.21	0.45599	371460.41	3754464.21	0.05314
371510.41	3754464.21	0.06374	371560.41	3754464.21	0.07793
371610.41	3754464.21	0.09746	371660.41	3754464.21	0.12463
371710.41	3754464.21	0.16103	371760.41	3754464.21	0.20541
371810.41	3754464.21	0.23784	371860.41	3754464.21	0.19974
371910.41	3754464.21	0.12745	371960.41	3754464.21	0.26255
372010.41	3754464.21	0.53032	372060.41	3754464.21	0.72754
372110.41	3754464.21	0.77317	372160.41	3754464.21	0.71493
372210.41	3754464.21	0.63721	372260.41		

3754464.21 0.55709
371460.41 3754514.21 0.05155 371510.41
3754514.21 0.06124
371560.41 3754514.21 0.07391 371610.41
3754514.21 0.09078
371660.41 3754514.21 0.11239 371710.41
3754514.21 0.13931
371760.41 3754514.21 0.16775 371810.41
3754514.21 0.18350
371860.41 3754514.21 0.16617 371910.41
3754514.21 0.13607
371960.41 3754514.21 0.15017 372010.41
3754514.21 0.24869
372060.41 3754514.21 0.41043 372110.41
3754514.21 0.53200
372160.41 3754514.21 0.56773 372210.41
3754514.21 0.56044
372260.41 3754514.21 0.51996 371460.41
3754564.21 0.04924
371510.41 3754564.21 0.05782 371560.41
3754564.21 0.06848
371610.41 3754564.21 0.08161 371660.41
3754564.21 0.09750
371710.41 3754564.21 0.11529 371760.41
3754564.21 0.13078
371810.41 3754564.21 0.13588 371860.41
3754564.21 0.12523
371910.41 3754564.21 0.11181 371960.41
3754564.21 0.11089
372010.41 3754564.21 0.13154 372060.41
3754564.21 0.19167
372110.41 3754564.21 0.27317 372160.41
3754564.21 0.33732
372210.41 3754564.21 0.37693 372260.41
3754564.21 0.38384
371460.41 3754614.21 0.04571 371510.41
3754614.21 0.05279
371560.41 3754614.21 0.06116 371610.41
3754614.21 0.07080
371660.41 3754614.21 0.08160 371710.41
3754614.21 0.09192
371760.41 3754614.21 0.09977 371810.41
3754614.21 0.10019
371860.41 3754614.21 0.09394 371910.41
3754614.21 0.08749
371960.41 3754614.21 0.08534 372010.41
3754614.21 0.08891
372060.41 3754614.21 0.10429 372110.41
3754614.21 0.13796
372160.41 3754614.21 0.17985 372210.41

3754614.21   0.21806
         372260.41   3754614.21   0.24284   371460.41
3754664.21   0.04158
         371510.41   3754664.21   0.04718   371560.41
3754664.21   0.05354
         371610.41   3754664.21   0.06036   371660.41
3754664.21   0.06745
         371710.41   3754664.21   0.07337   371760.41
3754664.21   0.07630
         371810.41   3754664.21   0.07519   371860.41
3754664.21   0.07133
         371910.41   3754664.21   0.06769   371960.41
3754664.21   0.06589

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         372010.41   3754664.21   0.06607   372060.41
3754664.21   0.06957
         372110.41   3754664.21   0.08123   372160.41
3754664.21   0.10065
         372210.41   3754664.21   0.12349   372260.41
3754664.21   0.14450
         371460.41   3754714.21   0.03736   371510.41
3754714.21   0.04167
         371560.41   3754714.21   0.04632   371610.41
3754714.21   0.05113
         371660.41   3754714.21   0.05539   371710.41
3754714.21   0.05831
         371760.41   3754714.21   0.05930   371810.41
3754714.21   0.05741
         371860.41   3754714.21   0.05505   371910.41

3754714.21   0.05303
         371960.41   3754714.21   0.05179   372010.41
3754714.21   0.05139
         372060.41   3754714.21   0.05223   372110.41
3754714.21   0.05599
         372160.41   3754714.21   0.06364   372210.41
3754714.21   0.07487
         372260.41   3754714.21   0.08776   371460.41
3754764.21   0.03332
         371510.41   3754764.21   0.03656   371560.41
3754764.21   0.03989
         371610.41   3754764.21   0.04311   371660.41
3754764.21   0.04530
         371710.41   3754764.21   0.04668   371760.41
3754764.21   0.04679
         371810.41   3754764.21   0.04528   371860.41
3754764.21   0.04371
         371910.41   3754764.21   0.04240   371960.41
3754764.21   0.04137
         372010.41   3754764.21   0.04083   372060.41
3754764.21   0.04082
         372110.41   3754764.21   0.04191   372160.41
3754764.21   0.04504
         372210.41   3754764.21   0.05008   372260.41
3754764.21   0.05693
         371769.55   3754422.82   0.25037   371937.65
3754421.07   0.19460
         371939.40   3754282.74   0.10373   371941.15
3754277.48   0.10069
         371762.54   3754273.98   0.22068   371765.17
3754425.45   0.24276

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   STCK1   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

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

Y-COORD (M)   CONC
- -

371460.41	3753964.21	6.00065	371510.41	3753964.21	6.97447
371560.41	3753964.21	7.63990	371610.41	3753964.21	7.42946
371660.41	3753964.21	8.57197	371710.41	3753964.21	8.88778
371760.41	3753964.21	7.85006	371810.41	3753964.21	5.96600
371860.41	3753964.21	4.16266	371910.41	3753964.21	6.64872
371960.41	3753964.21	7.06284	372010.41	3753964.21	5.63338
372060.41	3753964.21	3.72143	372110.41	3753964.21	3.39298
372160.41	3753964.21	2.92233	372210.41	3753964.21	2.75719
372260.41	3753964.21	2.64723	371460.41	3754014.21	6.75843
371510.41	3754014.21	7.85505	371560.41	3754014.21	8.99453
371610.41	3754014.21	9.53996	371660.41	3754014.21	9.29603
371710.41	3754014.21	10.67902	371760.41	3754014.21	9.92827
371810.41	3754014.21	7.57435	371860.41	3754014.21	4.76287
371910.41	3754014.21	7.74584	371960.41	3754014.21	7.93844
372010.41	3754014.21	5.27614	372060.41	3754014.21	4.12708
372110.41	3754014.21	3.69820	372160.41	3754014.21	3.15795
372210.41	3754014.21	2.99517	372260.41	3754014.21	2.93255
371460.41	3754064.21	7.73782	371510.41	3754064.21	8.80140
371560.41	3754064.21	9.97275	371610.41	3754064.21	11.28961
371660.41	3754064.21	11.34241	371710.41	3754064.21	11.82991
371760.41	3754064.21	11.94141	371810.41	3754064.21	9.83642
371860.41	3754064.21	5.36367	371910.41	3754064.21	8.84953
371960.41	3754064.21	8.47079	372010.41	3754064.21	5.66191
372060.41	3754064.21	4.68243	372110.41		

3754064.21   3.92681
         372160.41   3754064.21   3.39872   372210.41
3754064.21   3.36588
         372260.41   3754064.21   3.05249   371460.41
3754114.21   8.43208
         371510.41   3754114.21   9.76438   371560.41
3754114.21   11.15141
         371610.41   3754114.21   12.27060   371660.41
3754114.21   13.56737
         371710.41   3754114.21   12.89483   371760.41
3754114.21   14.20930
         371810.41   3754114.21   12.34862   371860.41
3754114.21   7.72799
         371910.41   3754114.21   10.00557   371960.41
3754114.21   9.16555
         372010.41   3754114.21   6.01263   372060.41
3754114.21   5.09828
         372110.41   3754114.21   4.19913   372160.41
3754114.21   3.91916
         372210.41   3754114.21   3.50257   372260.41
3754114.21   2.98533
         371460.41   3754164.21   8.80101   371510.41
3754164.21   10.41273
         371560.41   3754164.21   11.89061   371610.41
3754164.21   13.57521
         371660.41   3754164.21   14.57890   371710.41
3754164.21   15.88159
         371760.41   3754164.21   15.79613   371810.41
3754164.21   15.85147
         371860.41   3754164.21   10.63920   371910.41
3754164.21   12.44072
         371960.41   3754164.21   10.70726   372010.41
3754164.21   6.70090

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372060.41	3754164.21	5.48590	372110.41	3754164.21	4.63218
372160.41	3754164.21	4.11908	372210.41	3754164.21	3.44686
372260.41	3754164.21	3.04686	371460.41	3754214.21	9.21447
371510.41	3754214.21	10.63672	371560.41	3754214.21	12.26997
371610.41	3754214.21	13.93693	371660.41	3754214.21	15.92326
371710.41	3754214.21	17.63140	371760.41	3754214.21	19.33710
371810.41	3754214.21	20.20741	371860.41	3754214.21	15.77875
371910.41	3754214.21	15.61828	371960.41	3754214.21	11.39037
372010.41	3754214.21	7.39205	372060.41	3754214.21	5.80610
372110.41	3754214.21	4.97634	372160.41	3754214.21	3.98154
372210.41	3754214.21	3.56237	372260.41	3754214.21	3.09247
371460.41	3754264.21	9.20785	371510.41	3754264.21	10.66884
371560.41	3754264.21	12.31023	371610.41	3754264.21	14.06712
371660.41	3754264.21	16.52430	371710.41	3754264.21	19.77967
371760.41	3754264.21	22.73160	371810.41	3754264.21	28.71354
371860.41	3754264.21	29.48914	371910.41	3754264.21	27.40014
371960.41	3754264.21	12.62907	372010.41	3754264.21	7.48323
372060.41	3754264.21	6.27998	372110.41	3754264.21	4.84310
372160.41	3754264.21	4.17645	372210.41	3754264.21	3.77960
372260.41	3754264.21	3.54091	371460.41	3754314.21	8.67089
371510.41	3754314.21	9.82468	371560.41	3754314.21	11.63355
371610.41	3754314.21	13.62208	371660.41	3754314.21	16.45499
371710.41	3754314.21	20.35988	371760.41		

3754314.21   38.64446
         371960.41   3754314.21   10.41136   372010.41
3754314.21   7.65677
         372060.41   3754314.21   6.12025   372110.41
3754314.21   5.54478
         372160.41   3754314.21   4.88682   372210.41
3754314.21   4.69670
         372260.41   3754314.21   4.31184   371460.41
3754364.21   8.58827
         371510.41   3754364.21   9.89562   371560.41
3754364.21   11.19774
         371610.41   3754364.21   12.65819   371660.41
3754364.21   15.63692
         371710.41   3754364.21   19.69060   371760.41
3754364.21   33.38675
         371960.41   3754364.21   6.24480   372010.41
3754364.21   8.72783
         372060.41   3754364.21   8.90786   372110.41
3754364.21   7.70627
         372160.41   3754364.21   6.28651   372210.41
3754364.21   5.43004
         372260.41   3754364.21   4.79641   371460.41
3754414.21   5.27129
         371510.41   3754414.21   6.10214   371560.41
3754414.21   6.95730
         371610.41   3754414.21   8.15800   371660.41
3754414.21   10.92903
         371710.41   3754414.21   14.99287   371760.41
3754414.21   20.85448
         371960.41   3754414.21   13.01795   372010.41
3754414.21   13.48968
         372060.41   3754414.21   10.33547   372110.41
3754414.21   7.57978
         372160.41   3754414.21   5.81495   372210.41
3754414.21   5.15627

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372260.41	3754414.21	4.59454	371460.41	3754464.21	2.35900
371510.41	3754464.21	2.58327	371560.41	3754464.21	2.78195
371610.41	3754464.21	3.21128	371660.41	3754464.21	3.94175
371710.41	3754464.21	4.91077	371760.41	3754464.21	5.91619
371810.41	3754464.21	6.74169	371860.41	3754464.21	6.45155
371910.41	3754464.21	5.65429	371960.41	3754464.21	6.94626
372010.41	3754464.21	6.74592	372060.41	3754464.21	6.85623
372110.41	3754464.21	5.89783	372160.41	3754464.21	4.86291
372210.41	3754464.21	4.35456	372260.41	3754464.21	4.18250
371460.41	3754514.21	2.20612	371510.41	3754514.21	2.45881
371560.41	3754514.21	2.79058	371610.41	3754514.21	3.25301
371660.41	3754514.21	3.75690	371710.41	3754514.21	4.49721
371760.41	3754514.21	5.43606	371810.41	3754514.21	7.17800
371860.41	3754514.21	7.00883	371910.41	3754514.21	6.35378
371960.41	3754514.21	5.97219	372010.41	3754514.21	5.68011
372060.41	3754514.21	5.43868	372110.41	3754514.21	4.69691
372160.41	3754514.21	4.39165	372210.41	3754514.21	4.39947
372260.41	3754514.21	4.08462	371460.41	3754564.21	2.25159
371510.41	3754564.21	2.56078	371560.41	3754564.21	2.87826
371610.41	3754564.21	3.01299	371660.41	3754564.21	3.43309
371710.41	3754564.21	4.04955	371760.41	3754564.21	5.61342
371810.41	3754564.21	7.02208	371860.41		

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3754564.21        5.74130
         371910.41    3754564.21        5.55655                        371960.41
3754564.21        5.24503
         372010.41    3754564.21        4.78843                        372060.41
3754564.21        4.55379
         372110.41    3754564.21        4.37328                        372160.41
3754564.21        4.14106
         372210.41    3754564.21        4.08804                        372260.41
3754564.21        3.79499
         371460.41    3754614.21        2.23695                        371510.41
3754614.21        2.32920
         371560.41    3754614.21        2.47747                        371610.41
3754614.21        2.78637
         371660.41    3754614.21        3.20413                        371710.41
3754614.21        4.15882
         371760.41    3754614.21        5.17455                        371810.41
3754614.21        5.57903
         371860.41    3754614.21        4.52650                        371910.41
3754614.21        4.52367
         371960.41    3754614.21        4.43147                        372010.41
3754614.21        4.33447
         372060.41    3754614.21        4.11687                        372110.41
3754614.21        3.80254
         372160.41    3754614.21        4.02369                        372210.41
3754614.21        3.77493
         372260.41    3754614.21        3.49012                        371460.41
3754664.21        1.98422
         371510.41    3754664.21        2.18255                        371560.41
3754664.21        2.41404
         371610.41    3754664.21        2.70894                        371660.41
3754664.21        3.15916
         371710.41    3754664.21        3.95225                        371760.41
3754664.21        4.53413
         371810.41    3754664.21        4.15961                        371860.41
3754664.21        4.19891
         371910.41    3754664.21        3.88436                        371960.41
3754664.21        3.89302
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       15:52:59

                                  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372010.41	3754664.21	4.04370	372060.41	3754664.21	3.71030
372110.41	3754664.21	3.68845	372160.41	3754664.21	3.54509
372210.41	3754664.21	3.56821	372260.41	3754664.21	3.24452
371460.41	3754714.21	1.91070	371510.41	3754714.21	2.08963
371560.41	3754714.21	2.30710	371610.41	3754714.21	2.47716
371660.41	3754714.21	3.05216	371710.41	3754714.21	3.49789
371760.41	3754714.21	3.64343	371810.41	3754714.21	3.52057
371860.41	3754714.21	3.85616	371910.41	3754714.21	3.40556
371960.41	3754714.21	3.38013	372010.41	3754714.21	3.85837
372060.41	3754714.21	3.59487	372110.41	3754714.21	3.45119
372160.41	3754714.21	3.19456	372210.41	3754714.21	3.03377
372260.41	3754714.21	2.96362	371460.41	3754764.21	1.81885
371510.41	3754764.21	1.97193	371560.41	3754764.21	2.10271
371610.41	3754764.21	2.42762	371660.41	3754764.21	2.79355
371710.41	3754764.21	3.07466	371760.41	3754764.21	2.94269
371810.41	3754764.21	3.31682	371860.41	3754764.21	3.77025
371910.41	3754764.21	3.13404	371960.41	3754764.21	3.13139
372010.41	3754764.21	3.50446	372060.41	3754764.21	3.41877
372110.41	3754764.21	3.22372	372160.41	3754764.21	2.91989
372210.41	3754764.21	2.60639	372260.41	3754764.21	2.54604
371769.55	3754422.82	19.25912	371937.65		

3754421.07   5.31488
371939.40   3754282.74   20.31505   371941.15
3754277.48   19.60342
371762.54   3754273.98   26.31710   371765.17
3754425.45   17.91556

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371460.41	3753964.21	4.41910	371510.41	3753964.21	4.39500
371560.41	3753964.21	4.42160	371610.41	3753964.21	4.14567
371660.41	3753964.21	4.16837	371710.41	3753964.21	3.12692
371760.41	3753964.21	2.50844	371810.41	3753964.21	1.80705
371860.41	3753964.21	2.03267	371910.41	3753964.21	1.69768
371960.41	3753964.21	1.76878	372010.41	3753964.21	1.67357
372060.41	3753964.21	1.42382	372110.41	3753964.21	1.17910
372160.41	3753964.21	1.09364	372210.41	3753964.21	0.99519
372260.41	3753964.21	0.93457	371460.41	3754014.21	4.85452
371510.41	3754014.21	5.78848	371560.41	3754014.21	5.69118
371610.41	3754014.21	5.46117	371660.41	3754014.21	5.18700
371710.41	3754014.21	4.82964	371760.41		

3754014.21 3.44046
371810.41 3754014.21 2.41386 371860.41
3754014.21 2.40263
371910.41 3754014.21 2.01738 371960.41
3754014.21 2.07048
372010.41 3754014.21 2.01802 372060.41
3754014.21 1.59706
372110.41 3754014.21 1.29531 372160.41
3754014.21 1.24525
372210.41 3754014.21 1.13179 372260.41
3754014.21 1.02818
371460.41 3754064.21 5.88473 371510.41
3754064.21 6.41846
371560.41 3754064.21 7.42792 371610.41
3754064.21 7.28168
371660.41 3754064.21 6.70416 371710.41
3754064.21 6.43061
371760.41 3754064.21 4.35824 371810.41
3754064.21 3.27174
371860.41 3754064.21 2.93007 371910.41
3754064.21 2.42763
371960.41 3754064.21 2.46304 372010.41
3754064.21 2.30365
372060.41 3754064.21 1.83409 372110.41
3754064.21 1.54753
372160.41 3754064.21 1.34807 372210.41
3754064.21 1.22594
372260.41 3754064.21 1.17172 371460.41
3754114.21 6.27498
371510.41 3754114.21 7.66663 371560.41
3754114.21 8.45097
371610.41 3754114.21 9.31567 371660.41
3754114.21 8.95330
371710.41 3754114.21 7.80930 371760.41
3754114.21 7.20414
371810.41 3754114.21 4.82206 371860.41
3754114.21 3.69712
371910.41 3754114.21 2.97547 371960.41
3754114.21 2.94017
372010.41 3754114.21 2.54310 372060.41
3754114.21 1.97761
372110.41 3754114.21 1.73532 372160.41
3754114.21 1.53021
372210.41 3754114.21 1.45739 372260.41
3754114.21 1.36136
371460.41 3754164.21 6.95967 371510.41
3754164.21 7.89831
371560.41 3754164.21 9.44409 371610.41
3754164.21 10.54622
371660.41 3754164.21 11.49122 371710.41

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372060.41	3754164.21	2.27311	372110.41	3754164.21	1.96536
372160.41	3754164.21	1.81185	372210.41	3754164.21	1.65206
372260.41	3754164.21	1.48748	371460.41	3754214.21	6.58019
371510.41	3754214.21	7.69773	371560.41	3754214.21	9.88545
371610.41	3754214.21	11.34611	371660.41	3754214.21	13.06246
371710.41	3754214.21	14.46524	371760.41	3754214.21	13.69727
371810.41	3754214.21	12.40283	371860.41	3754214.21	8.32212
371910.41	3754214.21	5.02298	371960.41	3754214.21	4.54688
372010.41	3754214.21	3.20804	372060.41	3754214.21	2.54915
372110.41	3754214.21	2.38356	372160.41	3754214.21	2.06960
372210.41	3754214.21	1.84205	372260.41		

3754214.21 1.69658
371460.41 3754264.21 6.98961 371510.41
3754264.21 8.44794
371560.41 3754264.21 9.21015 371610.41
3754264.21 10.90710
371660.41 3754264.21 13.92894 371710.41
3754264.21 16.98330
371760.41 3754264.21 19.53684 371810.41
3754264.21 21.45772
371860.41 3754264.21 17.79549 371910.41
3754264.21 8.17987
371960.41 3754264.21 5.42840 372010.41
3754264.21 3.49417
372060.41 3754264.21 3.13493 372110.41
3754264.21 2.70543
372160.41 3754264.21 2.36648 372210.41
3754264.21 2.15519
372260.41 3754264.21 1.97366 371460.41
3754314.21 6.62258
371510.41 3754314.21 8.26871 371560.41
3754314.21 9.62314
371610.41 3754314.21 11.08830 371660.41
3754314.21 13.40827
371710.41 3754314.21 17.20489 371760.41
3754314.21 29.09922
371960.41 3754314.21 5.33514 372010.41
3754314.21 4.15696
372060.41 3754314.21 3.58618 372110.41
3754314.21 3.23633
372160.41 3754314.21 2.97741 372210.41
3754314.21 2.67261
372260.41 3754314.21 2.38799 371460.41
3754364.21 4.43011
371510.41 3754364.21 5.46398 371560.41
3754364.21 6.58941
371610.41 3754364.21 8.26268 371660.41
3754364.21 12.51432
371710.41 3754364.21 17.15490 371760.41
3754364.21 29.09382
371960.41 3754364.21 4.90713 372010.41
3754364.21 5.16480
372060.41 3754364.21 4.82363 372110.41
3754364.21 4.19462
372160.41 3754364.21 3.56741 372210.41
3754364.21 3.13992
372260.41 3754364.21 2.72340 371460.41
3754414.21 2.73259
371510.41 3754414.21 3.36655 371560.41
3754414.21 4.15934
371610.41 3754414.21 5.19310 371660.41

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372260.41	3754414.21	3.23127	371460.41	3754464.21	1.73445
371510.41	3754464.21	2.03275	371560.41	3754464.21	2.40825
371610.41	3754464.21	2.87686	371660.41	3754464.21	3.51452
371710.41	3754464.21	4.34389	371760.41	3754464.21	5.31081
371810.41	3754464.21	6.13408	371860.41	3754464.21	5.57653
371910.41	3754464.21	4.68126	371960.41	3754464.21	6.19707
372010.41	3754464.21	6.35996	372060.41	3754464.21	5.76819
372110.41	3754464.21	5.07021	372160.41	3754464.21	4.37322
372210.41	3754464.21	3.95891	372260.41	3754464.21	3.77364
371460.41	3754514.21	1.58625	371510.41		

3754514.21 1.83414
371560.41 3754514.21 2.17539 371610.41
3754514.21 2.62331
371660.41 3754514.21 3.21072 371710.41
3754514.21 3.81913
371760.41 3754514.21 4.60950 371810.41
3754514.21 5.16859
371860.41 3754514.21 5.38844 371910.41
3754514.21 5.13918
371960.41 3754514.21 5.19798 372010.41
3754514.21 4.98115
372060.41 3754514.21 4.70392 372110.41
3754514.21 4.24611
372160.41 3754514.21 3.94790 372210.41
3754514.21 3.89179
372260.41 3754514.21 3.72332 371460.41
3754564.21 1.57786
371510.41 3754564.21 1.80961 371560.41
3754564.21 2.10323
371610.41 3754564.21 2.43016 371660.41
3754564.21 2.84961
371710.41 3754564.21 3.37048 371760.41
3754564.21 3.87736
371810.41 3754564.21 4.28864 371860.41
3754564.21 4.09023
371910.41 3754564.21 4.01318 371960.41
3754564.21 3.92212
372010.41 3754564.21 3.93210 372060.41
3754564.21 3.82077
372110.41 3754564.21 3.68699 372160.41
3754564.21 3.53756
372210.41 3754564.21 3.59517 372260.41
3754564.21 3.42733
371460.41 3754614.21 1.46835 371510.41
3754614.21 1.64597
371560.41 3754614.21 1.91343 371610.41
3754614.21 2.19406
371660.41 3754614.21 2.57938 371710.41
3754614.21 2.95447
371760.41 3754614.21 3.31094 371810.41
3754614.21 3.40963
371860.41 3754614.21 3.20411 371910.41
3754614.21 3.21901
371960.41 3754614.21 3.19390 372010.41
3754614.21 3.13147
372060.41 3754614.21 3.10230 372110.41
3754614.21 3.09150
372160.41 3754614.21 3.11730 372210.41
3754614.21 3.11588
372260.41 3754614.21 2.97197 371460.41

3754664.21 1.35009
371510.41 3754664.21 1.52923 371560.41
3754664.21 1.75620
371610.41 3754664.21 2.03932 371660.41
3754664.21 2.37439
371710.41 3754664.21 2.58660 371760.41
3754664.21 2.71032
371810.41 3754664.21 2.73394 371860.41
3754664.21 2.61086
371910.41 3754664.21 2.62265 371960.41
3754664.21 2.62457

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
372010.41 3754664.21 2.55573 372060.41
3754664.21 2.58483
372110.41 3754664.21 2.51208 372160.41
3754664.21 2.57944
372210.41 3754664.21 2.53690 372260.41
3754664.21 2.50002
371460.41 3754714.21 1.26701 371510.41
3754714.21 1.42370
371560.41 3754714.21 1.63427 371610.41
3754714.21 1.90326
371660.41 3754714.21 2.04342 371710.41
3754714.21 2.20167
371760.41 3754714.21 2.16714 371810.41
3754714.21 2.24191
371860.41 3754714.21 2.15528 371910.41
3754714.21 2.21901
371960.41 3754714.21 2.16940 372010.41

3754714.21   2.10070
         372060.41   3754714.21   2.12796   372110.41
3754714.21   2.12933
         372160.41   3754714.21   2.08219   372210.41
3754714.21   2.07912
         372260.41   3754714.21   2.06278   371460.41
3754764.21   1.16918
         371510.41   3754764.21   1.34862   371560.41
3754764.21   1.56505
         371610.41   3754764.21   1.64377   371660.41
3754764.21   1.75719
         371710.41   3754764.21   1.80487   371760.41
3754764.21   1.88303
         371810.41   3754764.21   1.88002   371860.41
3754764.21   1.83404
         371910.41   3754764.21   1.86626   371960.41
3754764.21   1.83858
         372010.41   3754764.21   1.76370   372060.41
3754764.21   1.76759
         372110.41   3754764.21   1.80198   372160.41
3754764.21   1.74357
         372210.41   3754764.21   1.71284   372260.41
3754764.21   1.69489
         371769.55   3754422.82   13.29754   371937.65
3754421.07   4.03134
         371939.40   3754282.74   6.34450   371941.15
3754277.48   6.17660
         371762.54   3754273.98   22.95956   371765.17
3754425.45   12.16502

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

                                   ** CONC OF NO2   IN MICROGRAMS/M**3
             **

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

```
ALL       1ST HIGHEST VALUE IS      0.77317 AT (  372110.41,  3754464.21,
30.53,    30.53,    0.00)  DC
          2ND HIGHEST VALUE IS      0.72754 AT (  372060.41,  3754464.21,
30.45,    30.45,    0.00)  DC
          3RD HIGHEST VALUE IS      0.71493 AT (  372160.41,  3754464.21,
30.42,    30.42,    0.00)  DC
          4TH HIGHEST VALUE IS      0.66040 AT (  372060.41,  3754414.21,
30.74,    30.74,    0.00)  DC
          5TH HIGHEST VALUE IS      0.65880 AT (  372110.41,  3754414.21,
30.88,    30.88,    0.00)  DC
          6TH HIGHEST VALUE IS      0.63721 AT (  372210.41,  3754464.21,
30.82,    30.82,    0.00)  DC
          7TH HIGHEST VALUE IS      0.58916 AT (  372160.41,  3754414.21,
30.39,    30.39,    0.00)  DC
          8TH HIGHEST VALUE IS      0.56773 AT (  372160.41,  3754514.21,
30.53,    30.53,    0.00)  DC
          9TH HIGHEST VALUE IS      0.56044 AT (  372210.41,  3754514.21,
30.89,    30.89,    0.00)  DC
         10TH HIGHEST VALUE IS      0.55709 AT (  372260.41,  3754464.21,
30.80,    30.80,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:52:59

                                  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                     *** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   5 YEARS ***


                                  ** CONC OF NO2      IN MICROGRAMS/M**3
               **


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

ALL       1ST HIGHEST VALUE IS     38.64446 AT (  371760.41,  3754314.21,
```

                     *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST MAX DAILY 1-HR
RESULTS AVERAGED OVER   5 YEARS ***

                                  ** CONC OF NO2   IN MICROGRAMS/M**3
               **

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

ALL   1ST HIGHEST VALUE IS   29.09922 AT (371760.41, 3754314.21,
32.34,   32.34,   0.00) DC
          2ND HIGHEST VALUE IS   29.09382 AT (371760.41, 3754364.21,
32.17,   32.17,   0.00) DC
          3RD HIGHEST VALUE IS   22.95956 AT (371762.54, 3754273.98,
32.42,   32.42,   0.00) DC
          4TH HIGHEST VALUE IS   21.45772 AT (371810.41, 3754264.21,
32.39,   32.39,   0.00) DC
          5TH HIGHEST VALUE IS   19.53684 AT (371760.41, 3754264.21,

```
32.45,    32.45,    0.00)  DC
          6TH HIGHEST VALUE IS      17.79549 AT (  371860.41,  3754264.21,
31.01,    31.01,    0.00)  DC
          7TH HIGHEST VALUE IS      17.20489 AT (  371710.41,  3754314.21,
33.05,    33.05,    0.00)  DC
          8TH HIGHEST VALUE IS      17.15490 AT (  371710.41,  3754364.21,
32.68,    32.68,    0.00)  DC
          9TH HIGHEST VALUE IS      16.98330 AT (  371710.41,  3754264.21,
32.55,    32.55,    0.00)  DC
         10TH HIGHEST VALUE IS      14.46524 AT (  371710.41,  3754214.21,
33.62,    33.62,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx\Ollie_NOx.isc                   ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:52:59

                                  PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of          718 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          458 Calm Hours Identified

 A Total of          260 Missing Hours Identified (  0.59 Percent)


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


    ********   WARNING MESSAGES   ********
 CO W361      28       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 SO W320      41        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     110       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
```

```
     0.50
ME W187     110       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1
   URBANOPT 10040000 LA_County
   POLLUTID NO2
   RUNORNOT RUN
** NO2 Conversion Options
   ARMRATIO 0.500 0.900
   ERRORFIL Ollie_NOx_1hr.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1         3.825794     5.000   763.850 224.390836796445     0.229

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67
```

```
   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 1.0 0.8 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ollie_NOx_1hr.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OLLIE_NOX_1HR.AD\01H1GALL.PLT 31
   PLOTFILE 1 ALL 8TH OLLIE_NOX_1HR.AD\01H8GALL.PLT 32
   MXDYBYYR ALL OLLIE_NOX_1HR.AD\MXDYBYYR_ALL_NO2.DAT 33
   MAXDAILY ALL OLLIE_NOX_1HR.AD\MAXDAILY_ALL_NO2.DAT 34
   SUMMFILE Ollie_NOx_1hr.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320      41        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     110       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     110       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
```

```
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:00:58

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  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.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =  10040000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be
simulated using the MULTYEAR keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run
using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.
```

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

 **This Run Includes:      1 Source(s);       1 Source Group(s); and     286
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Day
(MAXDAILY Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Year
(MXDYBYYR Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    30.00 ;  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
```

*** POINT SOURCE DATA ***

STACK ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	BASE Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.38258E+01	371900.7	3754412.6	30.9	5.00	763.85	224.39	0.23	YES	YES	NO	HROFDY

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	STCK1 ,

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	10040000.	STCK1 ,

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	113.8,	104.3,	-126.3,	36.1,	2	10.7,	124.1,	117.1,	-137.9,	22.7,
3	10.7,	130.7,	126.4,	-145.2,	8.5,	4	10.7,	133.3,	131.9,	-148.2,	-5.8,
5	10.7,	131.9,	133.3,	-146.7,	-20.0,	6	10.7,	126.4,	130.7,	-140.7,	-33.6,
7	10.7,	117.1,	124.1,	-130.4,	-46.2,	8	10.7,	104.3,	113.8,	-116.1,	-57.3,
9	0.0,	0.0,	0.0,	0.0,	0.0,	10	0.0,	0.0,	0.0,	0.0,	0.0,
11	0.0,	0.0,	0.0,	0.0,	0.0,	12	0.0,	0.0,	0.0,	0.0,	0.0,
13	0.0,	0.0,	0.0,	0.0,	0.0,	14	0.0,	0.0,	0.0,	0.0,	0.0,
15	0.0,	0.0,	0.0,	0.0,	0.0,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	10.7,	113.8,	104.3,	5.2,	-59.3,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	10.7,	124.1,	117.1,	20.7,	-22.7,
21	10.7,	130.7,	126.4,	18.8,	-8.5,	22	10.7,	133.3,	131.9,	16.3,	5.8,
23	10.7,	131.9,	133.3,	13.3,	20.0,	24	10.7,	126.4,	130.7,		

```
10.0,   33.6,
   25   10.7,  117.1,  124.1,    6.3,   46.2,     26   10.7,  104.3,  113.8,
2.4,   57.3,
   27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,
0.0,    0.0,
   29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,
0.0,    0.0,
   31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,
0.0,    0.0,
   33    0.0,    0.0,    0.0,    0.0,    0.0,     34    0.0,    0.0,    0.0,
0.0,    0.0,
   35   10.7,  113.8,  104.3, -109.5,   59.3,     36   10.7,   99.9,   88.3,
-110.9,   48.4,

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                         ***        16:00:58

                                    PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR       HOUR    SCALAR       HOUR    SCALAR       HOUR    SCALAR
 HOUR    SCALAR       HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = STCK1        ; SOURCE TYPE = POINT    :
       1   .00000E+00       2   .00000E+00       3   .00000E+00       4   .00000E+00
   5   .00000E+00       6   .00000E+00
       7   .00000E+00       8   .00000E+00       9   .00000E+00      10   .00000E+00
  11   .00000E+00      12   .00000E+00
      13   .10000E+01      14   .80000E+00      15   .00000E+00      16   .00000E+00
  17   .00000E+00      18   .00000E+00
      19   .00000E+00      20   .00000E+00      21   .00000E+00      22   .00000E+00
  23   .00000E+00      24   .00000E+00

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                         ***        16:00:58

                                    PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
```

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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3754214.2,   34.0,   34.0,   0.0);

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

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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:00:58
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

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

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(372010.4, 3754564.2, 30.8, 30.8, 0.0); (372060.4, 3754564.2, 30.9, 30.9, 0.0);
(372110.4, 3754564.2, 30.9, 30.9, 0.0); (372160.4, 3754564.2, 30.7, 30.7, 0.0);
(372210.4, 3754564.2, 30.9, 30.9, 0.0); (372260.4, 3754564.2, 30.7, 30.7, 0.0);
(371460.4, 3754614.2, 32.4, 32.4, 0.0); (371510.4, 3754614.2, 32.0, 32.0, 0.0);
(371560.4, 3754614.2, 31.9, 31.9, 0.0); (371610.4, 3754614.2, 32.0, 32.0, 0.0);
(371660.4, 3754614.2, 31.8, 31.8, 0.0); (371710.4, 3754614.2, 32.1, 32.1, 0.0);
(371760.4, 3754614.2, 31.1, 31.1, 0.0); (371810.4, 3754614.2, 31.2, 31.2, 0.0);
(371860.4, 3754614.2, 31.3, 31.3, 0.0); (371910.4, 3754614.2, 30.9, 30.9, 0.0);
(371960.4, 3754614.2, 30.9, 30.9, 0.0); (372010.4,

```
3754614.2,      31.2,      31.2,       0.0);
     ( 372060.4, 3754614.2,      31.9,      31.9,       0.0);         ( 372110.4,
3754614.2,      31.4,      31.4,       0.0);
     ( 372160.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372210.4,
3754614.2,      31.0,      31.0,       0.0);
     ( 372260.4, 3754614.2,      30.9,      30.9,       0.0);         ( 371460.4,
3754664.2,      32.5,      32.5,       0.0);
     ( 371510.4, 3754664.2,      32.2,      32.2,       0.0);         ( 371560.4,
3754664.2,      32.0,      32.0,       0.0);
     ( 371610.4, 3754664.2,      32.1,      32.1,       0.0);         ( 371660.4,
3754664.2,      31.7,      31.7,       0.0);
     ( 371710.4, 3754664.2,      31.4,      31.4,       0.0);         ( 371760.4,
3754664.2,      31.1,      31.1,       0.0);
     ( 371810.4, 3754664.2,      31.4,      31.4,       0.0);         ( 371860.4,
3754664.2,      31.4,      31.4,       0.0);
     ( 371910.4, 3754664.2,      31.1,      31.1,       0.0);         ( 371960.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 372010.4, 3754664.2,      31.4,      31.4,       0.0);         ( 372060.4,
3754664.2,      32.0,      32.0,       0.0);
     ( 372110.4, 3754664.2,      31.6,      31.6,       0.0);         ( 372160.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 372210.4, 3754664.2,      31.2,      31.2,       0.0);         ( 372260.4,
3754664.2,      31.0,      31.0,       0.0);
     ( 371460.4, 3754714.2,      32.6,      32.6,       0.0);         ( 371510.4,
3754714.2,      32.4,      32.4,       0.0);
     ( 371560.4, 3754714.2,      32.3,      32.3,       0.0);         ( 371610.4,
3754714.2,      32.0,      32.0,       0.0);
     ( 371660.4, 3754714.2,      31.8,      31.8,       0.0);         ( 371710.4,
3754714.2,      31.7,      31.7,       0.0);
     ( 371760.4, 3754714.2,      31.3,      31.3,       0.0);         ( 371810.4,
3754714.2,      32.2,      32.2,       0.0);
     ( 371860.4, 3754714.2,      31.8,      31.8,       0.0);         ( 371910.4,
3754714.2,      31.5,      31.5,       0.0);
     ( 371960.4, 3754714.2,      31.2,      31.2,       0.0);         ( 372010.4,
3754714.2,      31.2,      31.2,       0.0);
     ( 372060.4, 3754714.2,      31.5,      31.5,       0.0);         ( 372110.4,
3754714.2,      31.4,      31.4,       0.0);
     ( 372160.4, 3754714.2,      31.0,      31.0,       0.0);         ( 372210.4,
3754714.2,      31.2,      31.2,       0.0);
     ( 372260.4, 3754714.2,      31.0,      31.0,       0.0);         ( 371460.4,
3754764.2,      32.7,      32.7,       0.0);
     ( 371510.4, 3754764.2,      32.7,      32.7,       0.0);         ( 371560.4,
3754764.2,      32.5,      32.5,       0.0);
     ( 371610.4, 3754764.2,      31.9,      31.9,       0.0);         ( 371660.4,
3754764.2,      32.7,      32.7,       0.0);
     ( 371710.4, 3754764.2,      32.4,      32.4,       0.0);         ( 371760.4,
3754764.2,      31.8,      31.8,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
```

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

(371810.4, 3754764.2,   32.6,   32.6,   0.0);   (371860.4, 3754764.2,   32.2,   32.2,   0.0);
(371910.4, 3754764.2,   31.8,   31.8,   0.0);   (371960.4, 3754764.2,   31.9,   31.9,   0.0);
(372010.4, 3754764.2,   32.0,   32.0,   0.0);   (372060.4, 3754764.2,   32.0,   32.0,   0.0);
(372110.4, 3754764.2,   31.9,   31.9,   0.0);   (372160.4, 3754764.2,   31.2,   31.2,   0.0);
(372210.4, 3754764.2,   31.2,   31.2,   0.0);   (372260.4, 3754764.2,   31.0,   31.0,   0.0);
(371769.5, 3754422.8,   31.9,   31.9,   0.0);   (371937.6, 3754421.1,   30.7,   30.7,   0.0);
(371939.4, 3754282.7,   30.4,   30.4,   0.0);   (371941.1, 3754277.5,   30.4,   30.4,   0.0);
(371762.5, 3754274.0,   32.4,   32.4,   0.0);   (371765.2, 3754425.4,   31.9,   31.9,   0.0);

*** 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 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 22112 ***   *** C:\Lakes\AERMOD View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc   ***   01/10/23
*** AERMET - VERSION 16216 ***   ***
                       ***   16:00:58

PAGE 12

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

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

Surface file: LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
Met Version: 16216
Profile file: LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.:   23174   Upper air station no.:   3190
Name: LOS_ANGELES/INT'L_ARPT   Name: UNKNOWN

Year: 2012   Year: 2012

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
12	01	01	1	01	-5.9	0.105	-9.000	-9.000	-999.	82.	17.6	0.10	2.55	1.00	1.35	246.	10.1	282.5	2.0
12	01	01	1	02	-21.8	0.218	-9.000	-9.000	-999.	244.	52.3	0.10	2.55	1.00	2.67	268.	10.1	282.0	2.0
12	01	01	1	03	-10.3	0.139	-9.000	-9.000	-999.	127.	23.6	0.10	2.55	1.00	1.76	311.	10.1	281.4	2.0
12	01	01	1	04	-3.3	0.080	-9.000	-9.000	-999.	55.	14.1	0.10	2.55						

```
1.00    0.97  280.   10.1  282.0    2.0
 12 01 01   1 05  -10.9  0.144 -9.000 -9.000 -999.  131.     24.4  0.10   2.55
1.00    1.81  267.   10.1  281.4    2.0
 12 01 01   1 06  -20.5  0.205 -9.000 -9.000 -999.  223.     46.3  0.10   2.55
1.00    2.52  283.   10.1  282.5    2.0
 12 01 01   1 07   -5.5  0.101 -9.000 -9.000 -999.   83.     16.9  0.10   2.55
1.00    1.30  324.   10.1  281.4    2.0
 12 01 01   1 08   -4.3  0.096 -9.000 -9.000 -999.   71.     18.6  0.10   2.55
0.55    1.23   90.   10.1  282.5    2.0
 12 01 01   1 09   45.7  0.183  0.378  0.007   43.  188.    -12.2  0.10   2.55
0.32    1.67  106.   10.1  289.2    2.0
 12 01 01   1 10  117.3  0.180  0.751  0.007  131.  184.     -4.5  0.10   2.55
0.24    1.42  105.   10.1  293.8    2.0
 12 01 01   1 11  168.5  0.173  1.222  0.005  391.  173.     -2.8  0.10   2.55
0.21    1.25   27.   10.1  297.5    2.0
 12 01 01   1 12  186.3  0.227  1.521  0.005  680.  260.     -5.7  0.10   2.55
0.20    1.86   63.   10.1  299.2    2.0
 12 01 01   1 13  190.2  0.253  1.817  0.005 1136.  306.     -7.7  0.10   2.55
0.20    2.16  300.   10.1  296.4    2.0
 12 01 01   1 14  160.2  0.448  1.842  0.005 1405.  720.    -50.6  0.10   2.55
0.21    4.68  276.   10.1  291.4    2.0
 12 01 01   1 15  108.6  0.466  1.661  0.005 1520.  764.    -83.9  0.10   2.55
0.24    5.02  270.   10.1  289.9    2.0
 12 01 01   1 16   37.3  0.455  1.167  0.005 1543.  737.   -228.8  0.10   2.55
0.33    5.10  270.   10.1  288.1    2.0
 12 01 01   1 17  -31.4  0.381 -9.000 -9.000 -999.  569.    159.8  0.10   2.55
0.59    4.54  268.   10.1  287.5    2.0
 12 01 01   1 18  -36.0  0.365 -9.000 -9.000 -999.  529.    146.4  0.10   2.55
1.00    4.37  274.   10.1  286.4    2.0
 12 01 01   1 19  -29.6  0.301 -9.000 -9.000 -999.  398.     99.5  0.10   2.55
1.00    3.63  271.   10.1  286.4    2.0
 12 01 01   1 20  -21.0  0.213 -9.000 -9.000 -999.  239.     49.9  0.10   2.55
1.00    2.61  271.   10.1  286.4    2.0
 12 01 01   1 21  -10.3  0.140 -9.000 -9.000 -999.  128.     24.0  0.10   2.55
1.00    1.77  281.   10.1  286.4    2.0
 12 01 01   1 22  -22.9  0.230 -9.000 -9.000 -999.  265.     58.3  0.10   2.55
1.00    2.81  270.   10.1  285.9    2.0
 12 01 01   1 23  -37.0  0.374 -9.000 -9.000 -999.  550.    154.2  0.10   2.55
1.00    4.48  272.   10.1  285.9    2.0
 12 01 01   1 24  -24.0  0.243 -9.000 -9.000 -999.  299.     65.0  0.10   2.55
1.00    2.96  274.   10.1  285.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  246.    1.35   282.6   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
```

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371460.41	3753964.21	8.73678	371510.41	3753964.21	10.05013
371560.41	3753964.21	12.21157	371610.41	3753964.21	14.91009
371660.41	3753964.21	16.14785	371710.41	3753964.21	18.10452
371760.41	3753964.21	18.54546	371810.41	3753964.21	17.63008
371860.41	3753964.21	19.34819	371910.41	3753964.21	26.16589
371960.41	3753964.21	29.82284	372010.41	3753964.21	24.44524
372060.41	3753964.21	17.55510	372110.41	3753964.21	12.46090
372160.41	3753964.21	11.56924	372210.41	3753964.21	11.16284
372260.41	3753964.21	10.53292	371460.41	3754014.21	11.21084
371510.41	3754014.21	10.98635	371560.41	3754014.21	12.97553
371610.41	3754014.21	17.04662	371660.41	3754014.21	19.55081
371710.41	3754014.21	21.35922	371760.41	3754014.21	22.95897
371810.41	3754014.21	22.95474	371860.41	3754014.21	23.26774
371910.41	3754014.21	32.53392	371960.41	3754014.21	36.03829
372010.41	3754014.21	27.80958	372060.41	3754014.21	18.11615

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         372110.41    3754014.21       13.66413                    372160.41
3754014.21       13.58926
         372210.41    3754014.21       12.67586                    372260.41
3754014.21       11.45203
         371460.41    3754064.21       15.00135                    371510.41
3754064.21       15.06838
         371560.41    3754064.21       14.38753                    371610.41
3754064.21       17.40139
         371660.41    3754064.21       22.82846                    371710.41
3754064.21       25.69711
         371760.41    3754064.21       28.19570                    371810.41
3754064.21       28.57799
         371860.41    3754064.21       27.76529                    371910.41
3754064.21       40.44035
         371960.41    3754064.21       43.21368                    372010.41
3754064.21       30.60779
         372060.41    3754064.21       18.64692                    372110.41
3754064.21       16.70675
         372160.41    3754064.21       15.43173                    372210.41
3754064.21       14.07427
         372260.41    3754064.21       12.63551                    371460.41
3754114.21       19.78249
         371510.41    3754114.21       20.60150                    371560.41
3754114.21       20.99512
         371610.41    3754114.21       20.06811                    371660.41
3754114.21       25.06923
         371710.41    3754114.21       30.64722                    371760.41
3754114.21       33.60297
         371810.41    3754114.21       35.28154                    371860.41
3754114.21       36.07125
         371910.41    3754114.21       50.40409                    371960.41
3754114.21       49.80031
         372010.41    3754114.21       32.16878                    372060.41
3754114.21       20.82541
         372110.41    3754114.21       19.49233                    372160.41
3754114.21       17.49359
         372210.41    3754114.21       15.54634                    372260.41
3754114.21       13.37197
         371460.41    3754164.21       26.04258                    371510.41
3754164.21       28.44154
         371560.41    3754164.21       28.81169                    371610.41
3754164.21       28.71111
         371660.41    3754164.21       28.21326                    371710.41
3754164.21       34.67909
         371760.41    3754164.21       41.61951                    371810.41
3754164.21       45.10161
         371860.41    3754164.21       49.20439                    371910.41
3754164.21       66.19392
         371960.41    3754164.21       58.66101                    372010.41
3754164.21       31.53983
```

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372060.41	3754164.21	24.88512	372110.41	3754164.21	22.25706
372160.41	3754164.21	19.38464	372210.41	3754164.21	16.96320
372260.41	3754164.21	14.71631	371460.41	3754214.21	34.45139
371510.41	3754214.21	37.92489	371560.41	3754214.21	40.38713
371610.41	3754214.21	42.09177	371660.41	3754214.21	40.91199
371710.41	3754214.21	40.96366	371760.41	3754214.21	51.48645
371810.41	3754214.21	57.41573	371860.41	3754214.21	66.21400
371910.41	3754214.21	88.58767	371960.41	3754214.21	66.89531
372010.41	3754214.21	34.04930	372060.41	3754214.21	28.26829
372110.41	3754214.21	24.34216	372160.41	3754214.21	21.70679
372210.41	3754214.21	18.62153	372260.41	3754214.21	16.74118
371460.41	3754264.21	38.26213	371510.41	3754264.21	46.61502
371560.41	3754264.21	54.11595	371610.41	3754264.21	59.03001
371660.41	3754264.21	62.55455	371710.41	3754264.21	64.74679

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         371760.41    3754264.21       64.96148                    371810.41
3754264.21      113.48772
         371860.41    3754264.21      121.70435                    371910.41
3754264.21      133.05083
         371960.41    3754264.21       73.08075                    372010.41
3754264.21       36.71169
         372060.41    3754264.21       30.59424                    372110.41
3754264.21       28.19492
         372160.41    3754264.21       23.97107                    372210.41
3754264.21       22.76265
         372260.41    3754264.21       21.22497                    371460.41
3754314.21       33.34714
         371510.41    3754314.21       41.91316                    371560.41
3754314.21       53.27285
         371610.41    3754314.21       69.33509                    371660.41
3754314.21       86.98477
         371710.41    3754314.21       98.77839                    371760.41
3754314.21      133.95035
         371960.41    3754314.21       61.30480                    372010.41
3754314.21       32.50553
         372060.41    3754314.21       35.33625                    372110.41
3754314.21       34.09823
         372160.41    3754314.21       31.75988                    372210.41
3754314.21       27.71468
         372260.41    3754314.21       22.86451                    371460.41
3754364.21       25.75908
         371510.41    3754364.21       33.01423                    371560.41
3754364.21       42.13936
         371610.41    3754364.21       55.63409                    371660.41
3754364.21       78.28959
         371710.41    3754364.21      106.76205                    371760.41
3754364.21      140.81342
         371960.41    3754364.21       25.24773                    372010.41
3754364.21       40.36480
         372060.41    3754364.21       44.08053                    372110.41
3754364.21       39.24965
         372160.41    3754364.21       33.25872                    372210.41
3754364.21       29.05464
         372260.41    3754364.21       25.11672                    371460.41
3754414.21       21.38800
         371510.41    3754414.21       25.66874                    371560.41
3754414.21       30.99133
         371610.41    3754414.21       37.92515                    371660.41
3754414.21       49.40444
         371710.41    3754414.21       65.82262                    371760.41
3754414.21       84.91958
         371960.41    3754414.21       48.80450                    372010.41
3754414.21       72.07272
         372060.41    3754414.21       67.28373                    372110.41
3754414.21       53.45849
```

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         372260.41   3754414.21   31.26152   371460.41
3754464.21   16.58237
         371510.41   3754464.21   18.97801   371560.41
3754464.21   21.60577
         371610.41   3754464.21   24.63275   371660.41
3754464.21   27.91434
         371710.41   3754464.21   32.98968   371760.41
3754464.21   38.89504
         371810.41   3754464.21   45.30590   371860.41
3754464.21   44.49380
         371910.41   3754464.21   32.46679   371960.41
3754464.21   45.46943
         372010.41   3754464.21   61.29011   372060.41
3754464.21   54.46272
         372110.41   3754464.21   49.08781   372160.41
3754464.21   42.88996
         372210.41   3754464.21   39.30943   372260.41
3754464.21   36.03308
         371460.41   3754514.21   14.26716   371510.41
3754514.21   16.26606
         371560.41   3754514.21   18.84010   371610.41
3754514.21   22.35897
         371660.41   3754514.21   25.50593   371710.41
3754514.21   29.58002
         371760.41   3754514.21   35.66301   371810.41
3754514.21   49.10200

```
         371860.41    3754514.21       46.35245                    371910.41
3754514.21       39.55749
         371960.41    3754514.21       46.20741                    372010.41
3754514.21       45.25245
         372060.41    3754514.21       49.73685                    372110.41
3754514.21       43.69504
         372160.41    3754514.21       40.07380                    372210.41
3754514.21       38.65448
         372260.41    3754514.21       35.18813                    371460.41
3754564.21       13.88800
         371510.41    3754564.21       15.80115                    371560.41
3754564.21       17.64572
         371610.41    3754564.21       21.52177                    371660.41
3754564.21       25.15463
         371710.41    3754564.21       30.60128                    371760.41
3754564.21       44.79760
         371810.41    3754564.21       41.84587                    371860.41
3754564.21       41.08196
         371910.41    3754564.21       38.40845                    371960.41
3754564.21       40.10090
         372010.41    3754564.21       40.37933                    372060.41
3754564.21       39.25695
         372110.41    3754564.21       37.76413                    372160.41
3754564.21       35.02203
         372210.41    3754564.21       34.54123                    372260.41
3754564.21       32.94829
         371460.41    3754614.21       12.71901                    371510.41
3754614.21       15.40760
         371560.41    3754614.21       18.07704                    371610.41
3754614.21       20.53766
         371660.41    3754614.21       24.83948                    371710.41
3754614.21       34.71374
         371760.41    3754614.21       37.87940                    371810.41
3754614.21       37.25928
         371860.41    3754614.21       34.15584                    371910.41
3754614.21       35.91185
         371960.41    3754614.21       38.82107                    372010.41
3754614.21       37.67856
         372060.41    3754614.21       36.31043                    372110.41
3754614.21       34.00404
         372160.41    3754614.21       30.47296                    372210.41
3754614.21       29.81674
         372260.41    3754614.21       28.61254                    371460.41
3754664.21       13.22422
         371510.41    3754664.21       15.21683                    371560.41
3754664.21       16.85914
         371610.41    3754664.21       20.01970                    371660.41
3754664.21       26.74302
         371710.41    3754664.21       31.32774                    371760.41
3754664.21       32.13934
```

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372010.41	3754664.21	31.95835	372060.41	3754664.21	31.99045
372110.41	3754664.21	31.93024	372160.41	3754664.21	28.76012
372210.41	3754664.21	25.77956	372260.41	3754664.21	24.09268
371460.41	3754714.21	12.68194	371510.41	3754714.21	14.00230
371560.41	3754714.21	16.34908	371610.41	3754714.21	20.94356
371660.41	3754714.21	25.02322	371710.41	3754714.21	27.03510
371760.41	3754714.21	26.72029	371810.41	3754714.21	26.64833
371860.41	3754714.21	22.96548	371910.41	3754714.21	28.06451
371960.41	3754714.21	29.95221	372010.41	3754714.21	25.84699
372060.41	3754714.21	30.28120	372110.41	3754714.21	27.99216
372160.41	3754714.21	26.70070	372210.41	3754714.21	23.45251
372260.41	3754714.21	21.01095	371460.41	3754764.21	11.68344

371510.41 3754764.21 13.47925 371560.41 3754764.21 16.78034
371610.41 3754764.21 20.03021 371660.41 3754764.21 22.25007
371710.41 3754764.21 22.29530 371760.41 3754764.21 22.31148
371810.41 3754764.21 23.10718 371860.41 3754764.21 20.04643
371910.41 3754764.21 24.39095 371960.41 3754764.21 25.21698
372010.41 3754764.21 24.51874 372060.41 3754764.21 25.37243
372110.41 3754764.21 25.42223 372160.41 3754764.21 23.38282
372210.41 3754764.21 21.60671 372260.41 3754764.21 18.88766
371769.55 3754422.82 78.28314 371937.65 3754421.07 27.80511
371939.40 3754282.74 100.71495 371941.15 3754277.48 98.49951
371762.54 3754273.98 97.34432 371765.17 3754425.45 74.13481

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371460.41	3753964.21	1.96079	371510.41	3753964.21	2.38845
371560.41	3753964.21	2.91111	371610.41	3753964.21	2.92154
371660.41	3753964.21	2.91826	371710.41	3753964.21	2.86868

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         371760.41    3753964.21        2.80696                    371810.41
3753964.21        3.05770
         371860.41    3753964.21        2.77947                    371910.41
3753964.21        2.95798
         371960.41    3753964.21        2.28095                    372010.41
3753964.21        1.88481
         372060.41    3753964.21        1.63046                    372110.41
3753964.21        1.54673
         372160.41    3753964.21        1.46816                    372210.41
3753964.21        1.37276
         372260.41    3753964.21        1.27275                    371460.41
3754014.21        2.09701
         371510.41    3754014.21        2.50279                    371560.41
3754014.21        2.97373
         371610.41    3754014.21        3.50673                    371660.41
3754014.21        3.58569
         371710.41    3754014.21        3.47039                    371760.41
3754014.21        3.45197
         371810.41    3754014.21        3.78100                    371860.41
3754014.21        3.34980
         371910.41    3754014.21        3.51084                    371960.41
3754014.21        2.70063
         372010.41    3754014.21        2.13172                    372060.41
3754014.21        1.95783
         372110.41    3754014.21        1.85251                    372160.41
3754014.21        1.72971
         372210.41    3754014.21        1.58225                    372260.41
3754014.21        1.48446
         371460.41    3754064.21        2.37702                    371510.41
3754064.21        2.72936
         371560.41    3754064.21        3.36435                    371610.41
3754064.21        3.88194
         371660.41    3754064.21        4.29927                    371710.41
3754064.21        4.36276
         371760.41    3754064.21        4.20999                    371810.41
3754064.21        4.36327
         371860.41    3754064.21        4.10691                    371910.41
3754064.21        4.15714
         371960.41    3754064.21        3.32655                    372010.41
3754064.21        2.59366
         372060.41    3754064.21        2.38871                    372110.41
3754064.21        2.25339
         372160.41    3754064.21        2.02094                    372210.41
3754064.21        1.86059
         372260.41    3754064.21        2.03997                    371460.41
3754114.21        2.87552
         371510.41    3754114.21        3.06843                    371560.41
3754114.21        3.81972
         371610.41    3754114.21        4.41083                    371660.41
3754114.21        5.00420
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371710.41 3754114.21 5.52655 371760.41
3754114.21 5.18807
371810.41 3754114.21 5.14902 371860.41
3754114.21 5.15692
371910.41 3754114.21 4.98837 371960.41
3754114.21 3.93266
372010.41 3754114.21 3.24741 372060.41
3754114.21 2.95786
372110.41 3754114.21 2.72364 372160.41
3754114.21 2.48425
372210.41 3754114.21 2.62515 372260.41
3754114.21 2.63446
371460.41 3754164.21 3.14834 371510.41
3754164.21 3.59118
371560.41 3754164.21 4.37161 371610.41
3754164.21 5.14246
371660.41 3754164.21 5.67402 371710.41
3754164.21 6.54592
371760.41 3754164.21 6.84612 371810.41
3754164.21 6.32193
371860.41 3754164.21 6.70088 371910.41
3754164.21 5.95802
371960.41 3754164.21 4.54659 372010.41
3754164.21 3.94747

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- -
372060.41 3754164.21 3.64269 372110.41
3754164.21 3.33296
372160.41 3754164.21 3.47488 372210.41
3754164.21 3.58597

372260.41 3754164.21 3.50002 371460.41 3754214.21 3.18368
371510.41 3754214.21 3.92457 371560.41 3754214.21 4.54387
371610.41 3754214.21 6.16956 371660.41 3754214.21 6.73210
371710.41 3754214.21 7.45041 371760.41 3754214.21 8.69305
371810.41 3754214.21 8.62426 371860.41 3754214.21 8.70603
371910.41 3754214.21 7.07941 371960.41 3754214.21 5.88606
372010.41 3754214.21 5.11102 372060.41 3754214.21 4.55293
372110.41 3754214.21 4.66419 372160.41 3754214.21 4.91595
372210.41 3754214.21 5.64623 372260.41 3754214.21 5.62958
371460.41 3754264.21 3.41602 371510.41 3754264.21 4.02343
371560.41 3754264.21 4.66502 371610.41 3754264.21 5.98066
371660.41 3754264.21 7.55929 371710.41 3754264.21 9.66804
371760.41 3754264.21 11.21539 371810.41 3754264.21 11.03224
371860.41 3754264.21 11.27718 371910.41 3754264.21 8.44353
371960.41 3754264.21 7.42467 372010.41 3754264.21 6.50619
372060.41 3754264.21 6.18584 372110.41 3754264.21 7.21881
372160.41 3754264.21 8.69636 372210.41 3754264.21 8.98883
372260.41 3754264.21 8.88227 371460.41 3754314.21 4.14205
371510.41 3754314.21 4.67780 371560.41 3754314.21 5.30079
371610.41 3754314.21 5.96824 371660.41 3754314.21 7.05219
371710.41 3754314.21 8.87121 371760.41 3754314.21 14.21021
371960.41 3754314.21 9.24187 372010.41 3754314.21 8.02826
372060.41 3754314.21 12.19053 372110.41 3754314.21 14.42126
372160.41 3754314.21 15.55999 372210.41 3754314.21 15.62473
372260.41 3754314.21 14.79293 371460.41 3754364.21 4.13825

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         371510.41    3754364.21        4.88857                      371560.41
3754364.21        5.96425
         371610.41    3754364.21        7.18424                      371660.41
3754364.21        8.42345
         371710.41    3754364.21        9.48805                      371760.41
3754364.21       10.52041
         371960.41    3754364.21        9.10206                      372010.41
3754364.21       18.80209
         372060.41    3754364.21       30.06412                      372110.41
3754364.21       32.08118
         372160.41    3754364.21       28.34157                      372210.41
3754364.21       24.90506
         372260.41    3754364.21       21.87227                      371460.41
3754414.21        4.59923
         371510.41    3754414.21        5.42443                      371560.41
3754414.21        6.51504
         371610.41    3754414.21        7.80618                      371660.41
3754414.21        9.25267
         371710.41    3754414.21       10.95056                      371760.41
3754414.21       12.42467
         371960.41    3754414.21       29.24424                      372010.41
3754414.21       55.40123
         372060.41    3754414.21       55.49042                      372110.41
3754414.21       47.11247
         372160.41    3754414.21       38.50759                      372210.41
3754414.21       32.49022
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:00:58

                                  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         372260.41    3754414.21       28.37598                      371460.41
3754464.21        4.51090
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         371510.41    3754464.21        5.32433                    371560.41
3754464.21        6.20199
         371610.41    3754464.21        7.35489                    371660.41
3754464.21        8.84656
         371710.41    3754464.21       12.01079                    371760.41
3754464.21       14.02876
         371810.41    3754464.21       16.10017                    371860.41
3754464.21       14.92007
         371910.41    3754464.21       11.18742                    371960.41
3754464.21       27.30110
         372010.41    3754464.21       49.56924                    372060.41
3754464.21       49.75798
         372110.41    3754464.21       43.94288                    372160.41
3754464.21       39.34737
         372210.41    3754464.21       35.35084                    372260.41
3754464.21       32.63588
         371460.41    3754514.21        4.54837                    371510.41
3754514.21        5.53805
         371560.41    3754514.21        6.63694                    371610.41
3754514.21        7.87791
         371660.41    3754514.21       10.42413                    371710.41
3754514.21       13.53994
         371760.41    3754514.21       17.69120                    371810.41
3754514.21       22.70985
         371860.41    3754514.21       18.86255                    371910.41
3754514.21       15.40703
         371960.41    3754514.21       24.38168                    372010.41
3754514.21       34.02517
         372060.41    3754514.21       40.26300                    372110.41
3754514.21       39.03299
         372160.41    3754514.21       36.23914                    372210.41
3754514.21       34.45469
         372260.41    3754514.21       30.95861                    371460.41
3754564.21        4.35866
         371510.41    3754564.21        5.24533                    371560.41
3754564.21        6.95369
         371610.41    3754564.21        9.64371                    371660.41
3754564.21       11.68669
         371710.41    3754564.21       15.49595                    371760.41
3754564.21       20.93439
         371810.41    3754564.21       21.71988                    371860.41
3754564.21       17.34400
         371910.41    3754564.21       15.72291                    371960.41
3754564.21       21.50435
         372010.41    3754564.21       27.10358                    372060.41
3754564.21       29.20406
         372110.41    3754564.21       31.23197                    372160.41
3754564.21       31.00522
         372210.41    3754564.21       30.35697                    372260.41
3754564.21       28.66153
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         371460.41    3754614.21        4.66379                      371510.41
3754614.21        6.16560
         371560.41    3754614.21        8.17321                      371610.41
3754614.21        9.62921
         371660.41    3754614.21       12.59743                      371710.41
3754614.21       16.34691
         371760.41    3754614.21       18.13518                      371810.41
3754614.21       17.37040
         371860.41    3754614.21       14.96598                      371910.41
3754614.21       14.14861
         371960.41    3754614.21       17.19975                      372010.41
3754614.21       21.79667
         372060.41    3754614.21       23.71458                      372110.41
3754614.21       23.04356
         372160.41    3754614.21       24.13113                      372210.41
3754614.21       23.77180
         372260.41    3754614.21       23.59095                      371460.41
3754664.21        5.41008
         371510.41    3754664.21        6.78796                      371560.41
3754664.21        8.22023
         371610.41    3754664.21       10.17043                      371660.41
3754664.21       13.14455
         371710.41    3754664.21       14.46865                      371760.41
3754664.21       14.84359
         371810.41    3754664.21       14.10980                      371860.41
3754664.21       12.60040
         371910.41    3754664.21       12.45500                      371960.41
3754664.21       13.98566
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc           ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:00:58

                                   PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         372010.41    3754664.21       16.61416                       372060.41
3754664.21       19.64993
         372110.41    3754664.21       19.14488                       372160.41
3754664.21       18.35943
         372210.41    3754664.21       18.31793                       372260.41
3754664.21       18.38646
         371460.41    3754714.21        5.76690                       371510.41
3754714.21        6.96219
         371560.41    3754714.21        8.37082                       371610.41
3754714.21       10.41597
         371660.41    3754714.21       11.43700                       371710.41
3754714.21       12.46903
         371760.41    3754714.21       12.64073                       371810.41
3754714.21       11.12165
         371860.41    3754714.21       10.51460                       371910.41
3754714.21       10.38728
         371960.41    3754714.21       11.74691                       372010.41
3754714.21       13.33390
         372060.41    3754714.21       15.12025                       372110.41
3754714.21       15.79366
         372160.41    3754714.21       15.82679                       372210.41
3754714.21       14.97753
         372260.41    3754714.21       14.55128                       371460.41
3754764.21        5.80801
         371510.41    3754764.21        6.89256                       371560.41
3754764.21        8.38497
         371610.41    3754764.21        9.15193                       371660.41
3754764.21       10.15859
         371710.41    3754764.21       10.55571                       371760.41
3754764.21        9.98798
         371810.41    3754764.21        8.70532                       371860.41
3754764.21        8.84236
         371910.41    3754764.21        8.52008                       371960.41
3754764.21        9.68198
         372010.41    3754764.21       10.50772                       372060.41
3754764.21       11.57344
         372110.41    3754764.21       12.85797                       372160.41
3754764.21       13.04843
         372210.41    3754764.21       12.82933                       372260.41
3754764.21       12.19100
         371769.55    3754422.82       13.00683                       371937.65
3754421.07       15.73134
         371939.40    3754282.74        8.36753                       371941.15
3754277.48        8.13673
         371762.54    3754273.98       12.64378                       371765.17
3754425.45       13.11263
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_NOx_1hr\Ollie_NOx_1hr.isc          ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:00:58
```

                    *** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY 1-HR
RESULTS AVERAGED OVER   5 YEARS ***

                                  ** CONC OF NO2   IN MICROGRAMS/M**3
              **

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

ALL   1ST HIGHEST VALUE IS   140.81342 AT (371760.41, 3754364.21,
32.17,   32.17,   0.00) DC
          2ND HIGHEST VALUE IS   133.95035 AT (371760.41, 3754314.21,
32.34,   32.34,   0.00) DC
          3RD HIGHEST VALUE IS   133.05083 AT (371910.41, 3754264.21,
30.37,   30.37,   0.00) DC
          4TH HIGHEST VALUE IS   121.70435 AT (371860.41, 3754264.21,
31.01,   31.01,   0.00) DC
          5TH HIGHEST VALUE IS   113.48772 AT (371810.41, 3754264.21,
32.39,   32.39,   0.00) DC
          6TH HIGHEST VALUE IS   106.76205 AT (371710.41, 3754364.21,
32.68,   32.68,   0.00) DC
          7TH HIGHEST VALUE IS   100.71495 AT (371939.40, 3754282.74,
30.42,   30.42,   0.00) DC
          8TH HIGHEST VALUE IS   98.77839 AT (371710.41, 3754314.21,
33.05,   33.05,   0.00) DC
          9TH HIGHEST VALUE IS   98.49951 AT (371941.15, 3754277.48,
30.37,   30.37,   0.00) DC
         10TH HIGHEST VALUE IS   97.34432 AT (371762.54, 3754273.98,
32.42,   32.42,   0.00) DC

                    *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST MAX DAILY 1-HR
RESULTS AVERAGED OVER   5 YEARS ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3
                **

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

ALL   1ST HIGHEST VALUE IS   55.49042 AT (372060.41, 3754414.21,
30.74,   30.74,   0.00) DC
          2ND HIGHEST VALUE IS   55.40123 AT (372010.41, 3754414.21,
30.41,   30.41,   0.00) DC
          3RD HIGHEST VALUE IS   49.75798 AT (372060.41, 3754464.21,
30.45,   30.45,   0.00) DC
          4TH HIGHEST VALUE IS   49.56924 AT (372010.41, 3754464.21,
30.67,   30.67,   0.00) DC
          5TH HIGHEST VALUE IS   47.11247 AT (372110.41, 3754414.21,
30.88,   30.88,   0.00) DC
          6TH HIGHEST VALUE IS   43.94288 AT (372110.41, 3754464.21,
30.53,   30.53,   0.00) DC
          7TH HIGHEST VALUE IS   40.26300 AT (372060.41, 3754514.21,
30.57,   30.57,   0.00) DC
          8TH HIGHEST VALUE IS   39.34737 AT (372160.41, 3754464.21,
30.42,   30.42,   0.00) DC
          9TH HIGHEST VALUE IS   39.03299 AT (372110.41, 3754514.21,
30.70,   30.70,   0.00) DC
         10TH HIGHEST VALUE IS   38.50759 AT (372160.41, 3754414.21,
30.39,   30.39,   0.00) DC

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

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   3 Warning Message(s)

```
A Total of          718 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          458 Calm Hours Identified

A Total of          260 Missing Hours Identified (  0.59 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320      41        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
ME W186     110       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187     110       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 1/10/2023
** File: C:\Lakes\AERMOD View\Ollie\Ollie_PM2\Ollie_PM2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Ollie\Ollie_PM2\Ollie_PM2.isc
   MODELOPT DFAULT CONC
   AVERTIME 24 PERIOD
   URBANOPT 10040000 LA_County
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL Ollie_PM2.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      371900.716  3754412.638       30.880
** DESCRSRC Generator 1 (3516C)
** Source Parameters **
   SRCPARAM STCK1        0.005047222     5.000   763.850 224.390836796445     0.229

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67     0.00
   BUILDHGT STCK1            0.00    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00    10.67    10.67

   BUILDWID STCK1          113.75   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
```

```
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75     0.00
   BUILDWID STCK1            0.00   124.11   130.70   133.31   131.87   126.43
   BUILDWID STCK1          117.15   104.30     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00   113.75    99.94

   BUILDLEN STCK1          104.30   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30     0.00
   BUILDLEN STCK1            0.00   117.15   126.43   131.87   133.31   130.70
   BUILDLEN STCK1          124.11   113.75     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00   104.30    88.29

   XBADJ    STCK1         -126.31  -137.87  -145.24  -148.19  -146.65  -140.65
   XBADJ    STCK1         -130.37  -116.13     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     5.19     0.00
   XBADJ    STCK1            0.00    20.72    18.80    16.32    13.34     9.95
   XBADJ    STCK1            6.26     2.38     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00  -109.50  -110.91

   YBADJ    STCK1           36.07    22.65     8.53    -5.84   -20.03   -33.62
   YBADJ    STCK1          -46.18   -57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00   -59.26     0.00
   YBADJ    STCK1            0.00   -22.65    -8.53     5.84    20.03    33.62
   YBADJ    STCK1           46.18    57.35     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00    59.26    48.40

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT STCK1        HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
```

```
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ollie_PM2.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
   PROFFILE LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL
   SURFDATA 23174 2012 LOS_ANGELES/INT'L_ARPT
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST OLLIE_PM2.AD\24H1GALL.PLT 31
   PLOTFILE PERIOD ALL OLLIE_PM2.AD\PE00GALL.PLT 32
   SUMMFILE Ollie_PM2.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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


   ********   WARNING MESSAGES   ********
 SO W320      39        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 ME W186     125       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     125       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:30:29

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =  10040000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5
```

```
 **Model Calculates  1 Short Term Average(s) of:  24-HR
     and Calculates PERIOD Averages

 **This Run Includes:      1 Source(s);       1 Source Group(s); and     286
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    30.00 ;  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
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.50472E-02	371900.7	3754412.6	30.9	5.00	763.85	224.39	0.23	YES	YES	NO	HRDOW7

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	STCK1 ,

 SOURCE ID: STCK1
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   10.7, 113.8, 104.3, -126.3,   36.1,   2   10.7, 124.1, 117.1,
-137.9,   22.7,
    3   10.7, 130.7, 126.4, -145.2,   8.5,   4   10.7, 133.3, 131.9,
-148.2,   -5.8,
    5   10.7, 131.9, 133.3, -146.7, -20.0,   6   10.7, 126.4, 130.7,
-140.7, -33.6,
    7   10.7, 117.1, 124.1, -130.4, -46.2,   8   10.7, 104.3, 113.8,
-116.1, -57.3,
    9   0.0,   0.0,   0.0,   0.0,   0.0,   10   0.0,   0.0,   0.0,
0.0,   0.0,
   11   0.0,   0.0,   0.0,   0.0,   0.0,   12   0.0,   0.0,   0.0,
0.0,   0.0,
   13   0.0,   0.0,   0.0,   0.0,   0.0,   14   0.0,   0.0,   0.0,
0.0,   0.0,
   15   0.0,   0.0,   0.0,   0.0,   0.0,   16   0.0,   0.0,   0.0,
0.0,   0.0,
   17   10.7, 113.8, 104.3,   5.2, -59.3,   18   0.0,   0.0,   0.0,
0.0,   0.0,
   19   0.0,   0.0,   0.0,   0.0,   0.0,   20   10.7, 124.1, 117.1,
20.7, -22.7,
   21   10.7, 130.7, 126.4,   18.8,   -8.5,   22   10.7, 133.3, 131.9,
16.3,   5.8,
   23   10.7, 131.9, 133.3,   13.3,   20.0,   24   10.7, 126.4, 130.7,
10.0,   33.6,
   25   10.7, 117.1, 124.1,   6.3,   46.2,   26   10.7, 104.3, 113.8,

```
2.4,   57.3,
   27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,
0.0,    0.0,
   29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,
0.0,    0.0,
   31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,
0.0,    0.0,
   33    0.0,    0.0,    0.0,    0.0,    0.0,     34    0.0,    0.0,    0.0,
0.0,    0.0,
   35   10.7,  113.8,  104.3, -109.5,   59.3,     36   10.7,   99.9,   88.3,
-110.9,   48.4,

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:30:29

                                   PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK1        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
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```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

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

                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .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 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:30:29

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 371460.4, 3753964.2,      34.9,      34.9,       0.0);         ( 371510.4,
3753964.2,      34.8,      34.8,       0.0);
     ( 371560.4, 3753964.2,      35.0,      35.0,       0.0);         ( 371610.4,
3753964.2,      34.1,      34.1,       0.0);
     ( 371660.4, 3753964.2,      33.2,      33.2,       0.0);         ( 371710.4,
3753964.2,      32.7,      32.7,       0.0);
     ( 371760.4, 3753964.2,      32.0,      32.0,       0.0);         ( 371810.4,
3753964.2,      32.3,      32.3,       0.0);
     ( 371860.4, 3753964.2,      32.2,      32.2,       0.0);         ( 371910.4,
3753964.2,      32.2,      32.2,       0.0);
     ( 371960.4, 3753964.2,      31.4,      31.4,       0.0);         ( 372010.4,
```

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3753964.2,      30.2,      30.2,       0.0);
     ( 372060.4, 3753964.2,      30.3,      30.3,       0.0);         ( 372110.4,
3753964.2,      30.2,      30.2,       0.0);
     ( 372160.4, 3753964.2,      29.6,      29.6,       0.0);         ( 372210.4,
3753964.2,      30.0,      30.0,       0.0);
     ( 372260.4, 3753964.2,      30.5,      30.5,       0.0);         ( 371460.4,
3754014.2,      35.3,      35.3,       0.0);
     ( 371510.4, 3754014.2,      35.7,      35.7,       0.0);         ( 371560.4,
3754014.2,      35.3,      35.3,       0.0);
     ( 371610.4, 3754014.2,      34.2,      34.2,       0.0);         ( 371660.4,
3754014.2,      34.1,      34.1,       0.0);
     ( 371710.4, 3754014.2,      33.9,      33.9,       0.0);         ( 371760.4,
3754014.2,      32.0,      32.0,       0.0);
     ( 371810.4, 3754014.2,      32.1,      32.1,       0.0);         ( 371860.4,
3754014.2,      31.9,      31.9,       0.0);
     ( 371910.4, 3754014.2,      31.7,      31.7,       0.0);         ( 371960.4,
3754014.2,      31.3,      31.3,       0.0);
     ( 372010.4, 3754014.2,      30.1,      30.1,       0.0);         ( 372060.4,
3754014.2,      30.3,      30.3,       0.0);
     ( 372110.4, 3754014.2,      30.0,      30.0,       0.0);         ( 372160.4,
3754014.2,      29.8,      29.8,       0.0);
     ( 372210.4, 3754014.2,      30.2,      30.2,       0.0);         ( 372260.4,
3754014.2,      30.5,      30.5,       0.0);
     ( 371460.4, 3754064.2,      35.0,      35.0,       0.0);         ( 371510.4,
3754064.2,      35.6,      35.6,       0.0);
     ( 371560.4, 3754064.2,      35.4,      35.4,       0.0);         ( 371610.4,
3754064.2,      33.9,      33.9,       0.0);
     ( 371660.4, 3754064.2,      33.8,      33.8,       0.0);         ( 371710.4,
3754064.2,      33.5,      33.5,       0.0);
     ( 371760.4, 3754064.2,      32.2,      32.2,       0.0);         ( 371810.4,
3754064.2,      32.2,      32.2,       0.0);
     ( 371860.4, 3754064.2,      31.5,      31.5,       0.0);         ( 371910.4,
3754064.2,      31.2,      31.2,       0.0);
     ( 371960.4, 3754064.2,      31.3,      31.3,       0.0);         ( 372010.4,
3754064.2,      30.1,      30.1,       0.0);
     ( 372060.4, 3754064.2,      30.4,      30.4,       0.0);         ( 372110.4,
3754064.2,      30.1,      30.1,       0.0);
     ( 372160.4, 3754064.2,      29.7,      29.7,       0.0);         ( 372210.4,
3754064.2,      30.5,      30.5,       0.0);
     ( 372260.4, 3754064.2,      30.4,      30.4,       0.0);         ( 371460.4,
3754114.2,      34.4,      34.4,       0.0);
     ( 371510.4, 3754114.2,      34.7,      34.7,       0.0);         ( 371560.4,
3754114.2,      34.8,      34.8,       0.0);
     ( 371610.4, 3754114.2,      34.4,      34.4,       0.0);         ( 371660.4,
3754114.2,      33.6,      33.6,       0.0);
     ( 371710.4, 3754114.2,      32.8,      32.8,       0.0);         ( 371760.4,
3754114.2,      32.3,      32.3,       0.0);
     ( 371810.4, 3754114.2,      31.9,      31.9,       0.0);         ( 371860.4,
3754114.2,      31.3,      31.3,       0.0);
     ( 371910.4, 3754114.2,      30.7,      30.7,       0.0);         ( 371960.4,
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3754114.2,   30.7,   30.7,   0.0);
     (372010.4, 3754114.2,   30.2,   30.2,   0.0);   (372060.4,
3754114.2,   30.4,   30.4,   0.0);
     (372110.4, 3754114.2,   30.2,   30.2,   0.0);   (372160.4,
3754114.2,   29.9,   29.9,   0.0);
     (372210.4, 3754114.2,   30.5,   30.5,   0.0);   (372260.4,
3754114.2,   30.4,   30.4,   0.0);
     (371460.4, 3754164.2,   35.0,   35.0,   0.0);   (371510.4,
3754164.2,   35.6,   35.6,   0.0);
     (371560.4, 3754164.2,   35.3,   35.3,   0.0);   (371610.4,
3754164.2,   34.4,   34.4,   0.0);
     (371660.4, 3754164.2,   34.1,   34.1,   0.0);   (371710.4,
3754164.2,   33.8,   33.8,   0.0);
     (371760.4, 3754164.2,   32.5,   32.5,   0.0);   (371810.4,
3754164.2,   32.2,   32.2,   0.0);
     (371860.4, 3754164.2,   31.6,   31.6,   0.0);   (371910.4,
3754164.2,   31.2,   31.2,   0.0);
     (371960.4, 3754164.2,   30.3,   30.3,   0.0);   (372010.4,
3754164.2,   30.2,   30.2,   0.0);
     (372060.4, 3754164.2,   30.3,   30.3,   0.0);   (372110.4,
3754164.2,   30.3,   30.3,   0.0);
     (372160.4, 3754164.2,   30.4,   30.4,   0.0);   (372210.4,
3754164.2,   30.9,   30.9,   0.0);
     (372260.4, 3754164.2,   30.5,   30.5,   0.0);   (371460.4,
3754214.2,   35.1,   35.1,   0.0);
     (371510.4, 3754214.2,   35.7,   35.7,   0.0);   (371560.4,
3754214.2,   35.7,   35.7,   0.0);
     (371610.4, 3754214.2,   34.9,   34.9,   0.0);   (371660.4,
3754214.2,   34.0,   34.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (371710.4, 3754214.2,   33.6,   33.6,   0.0);   (371760.4,
3754214.2,   32.6,   32.6,   0.0);
     (371810.4, 3754214.2,   32.6,   32.6,   0.0);   (371860.4,
3754214.2,   31.2,   31.2,   0.0);
     (371910.4, 3754214.2,   30.2,   30.2,   0.0);   (371960.4,
3754214.2,   30.8,   30.8,   0.0);
     (372010.4, 3754214.2,   30.6,   30.6,   0.0);   (372060.4,
3754214.2,   30.6,   30.6,   0.0);
     (372110.4, 3754214.2,   30.2,   30.2,   0.0);   (372160.4,

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3754214.2,      30.3,      30.3,       0.0);
     ( 372210.4, 3754214.2,      30.7,      30.7,       0.0);         ( 372260.4,
3754214.2,      30.5,      30.5,       0.0);
     ( 371460.4, 3754264.2,      35.6,      35.6,       0.0);         ( 371510.4,
3754264.2,      36.0,      36.0,       0.0);
     ( 371560.4, 3754264.2,      36.0,      36.0,       0.0);         ( 371610.4,
3754264.2,      33.2,      33.2,       0.0);
     ( 371660.4, 3754264.2,      32.8,      32.8,       0.0);         ( 371710.4,
3754264.2,      32.5,      32.5,       0.0);
     ( 371760.4, 3754264.2,      32.4,      32.4,       0.0);         ( 371810.4,
3754264.2,      32.4,      32.4,       0.0);
     ( 371860.4, 3754264.2,      31.0,      31.0,       0.0);         ( 371910.4,
3754264.2,      30.4,      30.4,       0.0);
     ( 371960.4, 3754264.2,      30.7,      30.7,       0.0);         ( 372010.4,
3754264.2,      30.8,      30.8,       0.0);
     ( 372060.4, 3754264.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754264.2,      30.9,      30.9,       0.0);
     ( 372160.4, 3754264.2,      30.2,      30.2,       0.0);         ( 372210.4,
3754264.2,      30.6,      30.6,       0.0);
     ( 372260.4, 3754264.2,      30.7,      30.7,       0.0);         ( 371460.4,
3754314.2,      35.5,      35.5,       0.0);
     ( 371510.4, 3754314.2,      35.8,      35.8,       0.0);         ( 371560.4,
3754314.2,      35.3,      35.3,       0.0);
     ( 371610.4, 3754314.2,      33.6,      33.6,       0.0);         ( 371660.4,
3754314.2,      33.6,      33.6,       0.0);
     ( 371710.4, 3754314.2,      33.0,      33.0,       0.0);         ( 371760.4,
3754314.2,      32.3,      32.3,       0.0);
     ( 371960.4, 3754314.2,      30.5,      30.5,       0.0);         ( 372010.4,
3754314.2,      30.5,      30.5,       0.0);
     ( 372060.4, 3754314.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754314.2,      30.8,      30.8,       0.0);
     ( 372160.4, 3754314.2,      30.6,      30.6,       0.0);         ( 372210.4,
3754314.2,      30.7,      30.7,       0.0);
     ( 372260.4, 3754314.2,      30.6,      30.6,       0.0);         ( 371460.4,
3754364.2,      34.4,      34.4,       0.0);
     ( 371510.4, 3754364.2,      34.0,      34.0,       0.0);         ( 371560.4,
3754364.2,      33.6,      33.6,       0.0);
     ( 371610.4, 3754364.2,      32.9,      32.9,       0.0);         ( 371660.4,
3754364.2,      33.0,      33.0,       0.0);
     ( 371710.4, 3754364.2,      32.7,      32.7,       0.0);         ( 371760.4,
3754364.2,      32.2,      32.2,       0.0);
     ( 371960.4, 3754364.2,      30.6,      30.6,       0.0);         ( 372010.4,
3754364.2,      30.1,      30.1,       0.0);
     ( 372060.4, 3754364.2,      30.8,      30.8,       0.0);         ( 372110.4,
3754364.2,      30.9,      30.9,       0.0);
     ( 372160.4, 3754364.2,      30.4,      30.4,       0.0);         ( 372210.4,
3754364.2,      30.7,      30.7,       0.0);
     ( 372260.4, 3754364.2,      30.7,      30.7,       0.0);         ( 371460.4,
3754414.2,      34.2,      34.2,       0.0);
     ( 371510.4, 3754414.2,      34.1,      34.1,       0.0);         ( 371560.4,
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3754414.2,   33.7,   33.7,   0.0);
     (371610.4, 3754414.2,   32.5,   32.5,   0.0);   (371660.4,
3754414.2,   32.6,   32.6,   0.0);
     (371710.4, 3754414.2,   32.4,   32.4,   0.0);   (371760.4,
3754414.2,   31.9,   31.9,   0.0);
     (371960.4, 3754414.2,   30.6,   30.6,   0.0);   (372010.4,
3754414.2,   30.4,   30.4,   0.0);
     (372060.4, 3754414.2,   30.7,   30.7,   0.0);   (372110.4,
3754414.2,   30.9,   30.9,   0.0);
     (372160.4, 3754414.2,   30.4,   30.4,   0.0);   (372210.4,
3754414.2,   30.7,   30.7,   0.0);
     (372260.4, 3754414.2,   30.8,   30.8,   0.0);   (371460.4,
3754464.2,   32.5,   32.5,   0.0);
     (371510.4, 3754464.2,   32.9,   32.9,   0.0);   (371560.4,
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     (371610.4, 3754464.2,   32.4,   32.4,   0.0);   (371660.4,
3754464.2,   32.1,   32.1,   0.0);
     (371710.4, 3754464.2,   32.2,   32.2,   0.0);   (371760.4,
3754464.2,   31.8,   31.8,   0.0);
     (371810.4, 3754464.2,   31.8,   31.8,   0.0);   (371860.4,
3754464.2,   31.8,   31.8,   0.0);
     (371910.4, 3754464.2,   31.4,   31.4,   0.0);   (371960.4,
3754464.2,   31.0,   31.0,   0.0);
     (372010.4, 3754464.2,   30.7,   30.7,   0.0);   (372060.4,
3754464.2,   30.4,   30.4,   0.0);
     (372110.4, 3754464.2,   30.5,   30.5,   0.0);   (372160.4,
3754464.2,   30.4,   30.4,   0.0);
     (372210.4, 3754464.2,   30.8,   30.8,   0.0);   (372260.4,
3754464.2,   30.8,   30.8,   0.0);
     (371460.4, 3754514.2,   32.3,   32.3,   0.0);   (371510.4,
3754514.2,   32.7,   32.7,   0.0);

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

     (371560.4, 3754514.2,   32.7,   32.7,   0.0);   (371610.4,
3754514.2,   32.0,   32.0,   0.0);
     (371660.4, 3754514.2,   32.3,   32.3,   0.0);   (371710.4,
3754514.2,   32.0,   32.0,   0.0);
     (371760.4, 3754514.2,   31.6,   31.6,   0.0);   (371810.4,
3754514.2,   31.9,   31.9,   0.0);
     (371860.4, 3754514.2,   32.1,   32.1,   0.0);   (371910.4,

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3754514.2,      31.8,      31.8,       0.0);
     ( 371960.4, 3754514.2,      30.8,      30.8,       0.0);         ( 372010.4,
3754514.2,      30.8,      30.8,       0.0);
     ( 372060.4, 3754514.2,      30.6,      30.6,       0.0);         ( 372110.4,
3754514.2,      30.7,      30.7,       0.0);
     ( 372160.4, 3754514.2,      30.5,      30.5,       0.0);         ( 372210.4,
3754514.2,      30.9,      30.9,       0.0);
     ( 372260.4, 3754514.2,      30.7,      30.7,       0.0);         ( 371460.4,
3754564.2,      32.2,      32.2,       0.0);
     ( 371510.4, 3754564.2,      32.0,      32.0,       0.0);         ( 371560.4,
3754564.2,      31.9,      31.9,       0.0);
     ( 371610.4, 3754564.2,      31.8,      31.8,       0.0);         ( 371660.4,
3754564.2,      31.7,      31.7,       0.0);
     ( 371710.4, 3754564.2,      31.4,      31.4,       0.0);         ( 371760.4,
3754564.2,      31.1,      31.1,       0.0);
     ( 371810.4, 3754564.2,      31.1,      31.1,       0.0);         ( 371860.4,
3754564.2,      31.0,      31.0,       0.0);
     ( 371910.4, 3754564.2,      30.8,      30.8,       0.0);         ( 371960.4,
3754564.2,      30.7,      30.7,       0.0);
     ( 372010.4, 3754564.2,      30.8,      30.8,       0.0);         ( 372060.4,
3754564.2,      30.9,      30.9,       0.0);
     ( 372110.4, 3754564.2,      30.9,      30.9,       0.0);         ( 372160.4,
3754564.2,      30.7,      30.7,       0.0);
     ( 372210.4, 3754564.2,      30.9,      30.9,       0.0);         ( 372260.4,
3754564.2,      30.7,      30.7,       0.0);
     ( 371460.4, 3754614.2,      32.4,      32.4,       0.0);         ( 371510.4,
3754614.2,      32.0,      32.0,       0.0);
     ( 371560.4, 3754614.2,      31.9,      31.9,       0.0);         ( 371610.4,
3754614.2,      32.0,      32.0,       0.0);
     ( 371660.4, 3754614.2,      31.8,      31.8,       0.0);         ( 371710.4,
3754614.2,      32.1,      32.1,       0.0);
     ( 371760.4, 3754614.2,      31.1,      31.1,       0.0);         ( 371810.4,
3754614.2,      31.2,      31.2,       0.0);
     ( 371860.4, 3754614.2,      31.3,      31.3,       0.0);         ( 371910.4,
3754614.2,      30.9,      30.9,       0.0);
     ( 371960.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372010.4,
3754614.2,      31.2,      31.2,       0.0);
     ( 372060.4, 3754614.2,      31.9,      31.9,       0.0);         ( 372110.4,
3754614.2,      31.4,      31.4,       0.0);
     ( 372160.4, 3754614.2,      30.9,      30.9,       0.0);         ( 372210.4,
3754614.2,      31.0,      31.0,       0.0);
     ( 372260.4, 3754614.2,      30.9,      30.9,       0.0);         ( 371460.4,
3754664.2,      32.5,      32.5,       0.0);
     ( 371510.4, 3754664.2,      32.2,      32.2,       0.0);         ( 371560.4,
3754664.2,      32.0,      32.0,       0.0);
     ( 371610.4, 3754664.2,      32.1,      32.1,       0.0);         ( 371660.4,
3754664.2,      31.7,      31.7,       0.0);
     ( 371710.4, 3754664.2,      31.4,      31.4,       0.0);         ( 371760.4,
3754664.2,      31.1,      31.1,       0.0);
     ( 371810.4, 3754664.2,      31.4,      31.4,       0.0);         ( 371860.4,
```

3754664.2,   31.4,   31.4,   0.0);
     (371910.4, 3754664.2,   31.1,   31.1,   0.0);   (371960.4,
3754664.2,   31.0,   31.0,   0.0);
     (372010.4, 3754664.2,   31.4,   31.4,   0.0);   (372060.4,
3754664.2,   32.0,   32.0,   0.0);
     (372110.4, 3754664.2,   31.6,   31.6,   0.0);   (372160.4,
3754664.2,   31.0,   31.0,   0.0);
     (372210.4, 3754664.2,   31.2,   31.2,   0.0);   (372260.4,
3754664.2,   31.0,   31.0,   0.0);
     (371460.4, 3754714.2,   32.6,   32.6,   0.0);   (371510.4,
3754714.2,   32.4,   32.4,   0.0);
     (371560.4, 3754714.2,   32.3,   32.3,   0.0);   (371610.4,
3754714.2,   32.0,   32.0,   0.0);
     (371660.4, 3754714.2,   31.8,   31.8,   0.0);   (371710.4,
3754714.2,   31.7,   31.7,   0.0);
     (371760.4, 3754714.2,   31.3,   31.3,   0.0);   (371810.4,
3754714.2,   32.2,   32.2,   0.0);
     (371860.4, 3754714.2,   31.8,   31.8,   0.0);   (371910.4,
3754714.2,   31.5,   31.5,   0.0);
     (371960.4, 3754714.2,   31.2,   31.2,   0.0);   (372010.4,
3754714.2,   31.2,   31.2,   0.0);
     (372060.4, 3754714.2,   31.5,   31.5,   0.0);   (372110.4,
3754714.2,   31.4,   31.4,   0.0);
     (372160.4, 3754714.2,   31.0,   31.0,   0.0);   (372210.4,
3754714.2,   31.2,   31.2,   0.0);
     (372260.4, 3754714.2,   31.0,   31.0,   0.0);   (371460.4,
3754764.2,   32.7,   32.7,   0.0);
     (371510.4, 3754764.2,   32.7,   32.7,   0.0);   (371560.4,
3754764.2,   32.5,   32.5,   0.0);
     (371610.4, 3754764.2,   31.9,   31.9,   0.0);   (371660.4,
3754764.2,   32.7,   32.7,   0.0);
     (371710.4, 3754764.2,   32.4,   32.4,   0.0);   (371760.4,
3754764.2,   31.8,   31.8,   0.0);

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

     (371810.4, 3754764.2,   32.6,   32.6,   0.0);   (371860.4,
3754764.2,   32.2,   32.2,   0.0);
     (371910.4, 3754764.2,   31.8,   31.8,   0.0);   (371960.4,
3754764.2,   31.9,   31.9,   0.0);
     (372010.4, 3754764.2,   32.0,   32.0,   0.0);   (372060.4,

```
3754764.2,      32.0,      32.0,       0.0);
     ( 372110.4, 3754764.2,      31.9,      31.9,       0.0);         ( 372160.4,
3754764.2,      31.2,      31.2,       0.0);
     ( 372210.4, 3754764.2,      31.2,      31.2,       0.0);         ( 372260.4,
3754764.2,      31.0,      31.0,       0.0);
     ( 371769.5, 3754422.8,      31.9,      31.9,       0.0);         ( 371937.6,
3754421.1,      30.7,      30.7,       0.0);
     ( 371939.4, 3754282.7,      30.4,      30.4,       0.0);         ( 371941.1,
3754277.5,      30.4,      30.4,       0.0);
     ( 371762.5, 3754274.0,      32.4,      32.4,       0.0);         ( 371765.2,
3754425.4,      31.9,      31.9,       0.0);
```



```
                                            *** 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 1

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



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

                                                 1.54,   3.09,   5.14,   8.23,
10.80,
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.SFC
Met Version: 16216
Profile file: LosAngelesInt'lAirportADJU\KLAX_V9_ADJU\KLAX_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23174 Upper air station no.: 3190
Name: LOS_ANGELES/INT'L_ARPT Name: UNKNOWN

Year: 2012 Year: 2012

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
12	01	01	1	01	-5.9	0.105	-9.000	-9.000	-999.	82.	17.6	0.10	2.55	1.00	1.35	246.	10.1	282.5	2.0
12	01	01	1	02	-21.8	0.218	-9.000	-9.000	-999.	244.	52.3	0.10	2.55	1.00	2.67	268.	10.1	282.0	2.0
12	01	01	1	03	-10.3	0.139	-9.000	-9.000	-999.	127.	23.6	0.10	2.55	1.00	1.76	311.	10.1	281.4	2.0
12	01	01	1	04	-3.3	0.080	-9.000	-9.000	-999.	55.	14.1	0.10	2.55	1.00	0.97	280.	10.1	282.0	2.0
12	01	01	1	05	-10.9	0.144	-9.000	-9.000	-999.	131.	24.4	0.10	2.55	1.00	1.81	267.	10.1	281.4	2.0
12	01	01	1	06	-20.5	0.205	-9.000	-9.000	-999.	223.	46.3	0.10	2.55	1.00	2.52	283.	10.1	282.5	2.0
12	01	01	1	07	-5.5	0.101	-9.000	-9.000	-999.	83.	16.9	0.10	2.55	1.00	1.30	324.	10.1	281.4	2.0
12	01	01	1	08	-4.3	0.096	-9.000	-9.000	-999.	71.	18.6	0.10	2.55	0.55	1.23	90.	10.1	282.5	2.0
12	01	01	1	09	45.7	0.183	0.378	0.007	43.	188.	-12.2	0.10	2.55	0.32	1.67	106.	10.1	289.2	2.0
12	01	01	1	10	117.3	0.180	0.751	0.007	131.	184.	-4.5	0.10	2.55	0.24	1.42	105.	10.1	293.8	2.0
12	01	01	1	11	168.5	0.173	1.222	0.005	391.	173.	-2.8	0.10	2.55						

```
0.21    1.25   27.   10.1  297.5    2.0
 12 01 01   1 12  186.3  0.227  1.521  0.005  680.  260.     -5.7  0.10   2.55
0.20    1.86   63.   10.1  299.2    2.0
 12 01 01   1 13  190.2  0.253  1.817  0.005 1136.  306.     -7.7  0.10   2.55
0.20    2.16  300.   10.1  296.4    2.0
 12 01 01   1 14  160.2  0.448  1.842  0.005 1405.  720.    -50.6  0.10   2.55
0.21    4.68  276.   10.1  291.4    2.0
 12 01 01   1 15  108.6  0.466  1.661  0.005 1520.  764.    -83.9  0.10   2.55
0.24    5.02  270.   10.1  289.9    2.0
 12 01 01   1 16   37.3  0.455  1.167  0.005 1543.  737.   -228.8  0.10   2.55
0.33    5.10  270.   10.1  288.1    2.0
 12 01 01   1 17  -31.4  0.381 -9.000 -9.000 -999.  569.    159.8  0.10   2.55
0.59    4.54  268.   10.1  287.5    2.0
 12 01 01   1 18  -36.0  0.365 -9.000 -9.000 -999.  529.    146.4  0.10   2.55
1.00    4.37  274.   10.1  286.4    2.0
 12 01 01   1 19  -29.6  0.301 -9.000 -9.000 -999.  398.     99.5  0.10   2.55
1.00    3.63  271.   10.1  286.4    2.0
 12 01 01   1 20  -21.0  0.213 -9.000 -9.000 -999.  239.     49.9  0.10   2.55
1.00    2.61  271.   10.1  286.4    2.0
 12 01 01   1 21  -10.3  0.140 -9.000 -9.000 -999.  128.     24.0  0.10   2.55
1.00    1.77  281.   10.1  286.4    2.0
 12 01 01   1 22  -22.9  0.230 -9.000 -9.000 -999.  265.     58.3  0.10   2.55
1.00    2.81  270.   10.1  285.9    2.0
 12 01 01   1 23  -37.0  0.374 -9.000 -9.000 -999.  550.    154.2  0.10   2.55
1.00    4.48  272.   10.1  285.9    2.0
 12 01 01   1 24  -24.0  0.243 -9.000 -9.000 -999.  299.     65.0  0.10   2.55
1.00    2.96  274.   10.1  285.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  246.    1.35   282.6   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                   ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:30:29

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

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371460.41	3753964.21	0.00044	371510.41	3753964.21	0.00047
371560.41	3753964.21	0.00049	371610.41	3753964.21	0.00050
371660.41	3753964.21	0.00050	371710.41	3753964.21	0.00048
371760.41	3753964.21	0.00045	371810.41	3753964.21	0.00042
371860.41	3753964.21	0.00040	371910.41	3753964.21	0.00039
371960.41	3753964.21	0.00039	372010.41	3753964.21	0.00037
372060.41	3753964.21	0.00034	372110.41	3753964.21	0.00031
372160.41	3753964.21	0.00029	372210.41	3753964.21	0.00026
372260.41	3753964.21	0.00024	371460.41	3754014.21	0.00051
371510.41	3754014.21	0.00056	371560.41	3754014.21	0.00060
371610.41	3754014.21	0.00063	371660.41	3754014.21	0.00062
371710.41	3754014.21	0.00061	371760.41	3754014.21	0.00057
371810.41	3754014.21	0.00052	371860.41	3754014.21	0.00049
371910.41	3754014.21	0.00048	371960.41	3754014.21	0.00047
372010.41	3754014.21	0.00043	372060.41	3754014.21	0.00040
372110.41	3754014.21	0.00036	372160.41	3754014.21	0.00033
372210.41	3754014.21	0.00030	372260.41	3754014.21	0.00027
371460.41	3754064.21	0.00058	371510.41	3754064.21	0.00066
371560.41	3754064.21	0.00073	371610.41	3754064.21	0.00078
371660.41	3754064.21	0.00080	371710.41	3754064.21	0.00078
371760.41	3754064.21	0.00073	371810.41	3754064.21	0.00066
371860.41	3754064.21	0.00061	371910.41	3754064.21	0.00060

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         371960.41    3754064.21        0.00057                      372010.41
3754064.21        0.00052
         372060.41    3754064.21        0.00047                      372110.41
3754064.21        0.00043
         372160.41    3754064.21        0.00038                      372210.41
3754064.21        0.00034
         372260.41    3754064.21        0.00030                      371460.41
3754114.21        0.00066
         371510.41    3754114.21        0.00076                      371560.41
3754114.21        0.00086
         371610.41    3754114.21        0.00096                      371660.41
3754114.21        0.00101
         371710.41    3754114.21        0.00102                      371760.41
3754114.21        0.00096
         371810.41    3754114.21        0.00087                      371860.41
3754114.21        0.00078
         371910.41    3754114.21        0.00074                      371960.41
3754114.21        0.00070
         372010.41    3754114.21        0.00063                      372060.41
3754114.21        0.00057
         372110.41    3754114.21        0.00050                      372160.41
3754114.21        0.00044
         372210.41    3754114.21        0.00039                      372260.41
3754114.21        0.00034
         371460.41    3754164.21        0.00072                      371510.41
3754164.21        0.00085
         371560.41    3754164.21        0.00100                      371610.41
3754164.21        0.00115
         371660.41    3754164.21        0.00127                      371710.41
3754164.21        0.00133
         371760.41    3754164.21        0.00132                      371810.41
3754164.21        0.00119
         371860.41    3754164.21        0.00104                      371910.41
3754164.21        0.00097
         371960.41    3754164.21        0.00087                      372010.41
3754164.21        0.00077
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:30:29

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

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372060.41	3754164.21	0.00067	372110.41	3754164.21	0.00058
372160.41	3754164.21	0.00051	372210.41	3754164.21	0.00045
372260.41	3754164.21	0.00040	371460.41	3754214.21	0.00079
371510.41	3754214.21	0.00094	371560.41	3754214.21	0.00112
371610.41	3754214.21	0.00133	371660.41	3754214.21	0.00156
371710.41	3754214.21	0.00178	371760.41	3754214.21	0.00188
371810.41	3754214.21	0.00174	371860.41	3754214.21	0.00150
371910.41	3754214.21	0.00126	371960.41	3754214.21	0.00108
372010.41	3754214.21	0.00092	372060.41	3754214.21	0.00079
372110.41	3754214.21	0.00067	372160.41	3754214.21	0.00059
372210.41	3754214.21	0.00055	372260.41	3754214.21	0.00054
371460.41	3754264.21	0.00085	371510.41	3754264.21	0.00102
371560.41	3754264.21	0.00122	371610.41	3754264.21	0.00150
371660.41	3754264.21	0.00186	371710.41	3754264.21	0.00231
371760.41	3754264.21	0.00270	371810.41	3754264.21	0.00346
371860.41	3754264.21	0.00267	371910.41	3754264.21	0.00177
371960.41	3754264.21	0.00130	372010.41	3754264.21	0.00108
372060.41	3754264.21	0.00091	372110.41	3754264.21	0.00082
372160.41	3754264.21	0.00082	372210.41	3754264.21	0.00089
372260.41	3754264.21	0.00096	371460.41	3754314.21	0.00086
371510.41	3754314.21	0.00104	371560.41	3754314.21	0.00128

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         371610.41    3754314.21        0.00159                      371660.41
3754314.21        0.00205
         371710.41    3754314.21        0.00273                      371760.41
3754314.21        0.00480
         371960.41    3754314.21        0.00156                      372010.41
3754314.21        0.00130
         372060.41    3754314.21        0.00128                      372110.41
3754314.21        0.00150
         372160.41    3754314.21        0.00177                      372210.41
3754314.21        0.00197
         372260.41    3754314.21        0.00208                      371460.41
3754364.21        0.00084
         371510.41    3754364.21        0.00102                      371560.41
3754364.21        0.00126
         371610.41    3754364.21        0.00158                      371660.41
3754364.21        0.00210
         371710.41    3754364.21        0.00284                      371760.41
3754364.21        0.00474
         371960.41    3754364.21        0.00174                      372010.41
3754364.21        0.00233
         372060.41    3754364.21        0.00353                      372110.41
3754364.21        0.00431
         372160.41    3754364.21        0.00449                      372210.41
3754364.21        0.00439
         372260.41    3754364.21        0.00417                      371460.41
3754414.21        0.00080
         371510.41    3754414.21        0.00097                      371560.41
3754414.21        0.00120
         371610.41    3754414.21        0.00152                      371660.41
3754414.21        0.00199
         371710.41    3754414.21        0.00267                      371760.41
3754414.21        0.00359
         371960.41    3754414.21        0.00451                      372010.41
3754414.21        0.00783
         372060.41    3754414.21        0.00968                      372110.41
3754414.21        0.00966
         372160.41    3754414.21        0.00864                      372210.41
3754414.21        0.00760
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:30:29

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372260.41	3754414.21	0.00668	371460.41	3754464.21	0.00078
371510.41	3754464.21	0.00093	371560.41	3754464.21	0.00114
371610.41	3754464.21	0.00143	371660.41	3754464.21	0.00183
371710.41	3754464.21	0.00236	371760.41	3754464.21	0.00301
371810.41	3754464.21	0.00349	371860.41	3754464.21	0.00293
371910.41	3754464.21	0.00187	371960.41	3754464.21	0.00385
372010.41	3754464.21	0.00777	372060.41	3754464.21	0.01066
372110.41	3754464.21	0.01133	372160.41	3754464.21	0.01048
372210.41	3754464.21	0.00934	372260.41	3754464.21	0.00817
371460.41	3754514.21	0.00076	371510.41	3754514.21	0.00090
371560.41	3754514.21	0.00108	371610.41	3754514.21	0.00133
371660.41	3754514.21	0.00165	371710.41	3754514.21	0.00204
371760.41	3754514.21	0.00246	371810.41	3754514.21	0.00269
371860.41	3754514.21	0.00244	371910.41	3754514.21	0.00199
371960.41	3754514.21	0.00220	372010.41	3754514.21	0.00365
372060.41	3754514.21	0.00602	372110.41	3754514.21	0.00780
372160.41	3754514.21	0.00832	372210.41	3754514.21	0.00822
372260.41	3754514.21	0.00762	371460.41	3754564.21	0.00072
371510.41	3754564.21	0.00085	371560.41	3754564.21	0.00100
371610.41	3754564.21	0.00120	371660.41	3754564.21	0.00143

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         371710.41    3754564.21        0.00169                      371760.41
3754564.21        0.00192
         371810.41    3754564.21        0.00199                      371860.41
3754564.21        0.00184
         371910.41    3754564.21        0.00164                      371960.41
3754564.21        0.00163
         372010.41    3754564.21        0.00193                      372060.41
3754564.21        0.00281
         372110.41    3754564.21        0.00400                      372160.41
3754564.21        0.00494
         372210.41    3754564.21        0.00553                      372260.41
3754564.21        0.00563
         371460.41    3754614.21        0.00067                      371510.41
3754614.21        0.00077
         371560.41    3754614.21        0.00090                      371610.41
3754614.21        0.00104
         371660.41    3754614.21        0.00120                      371710.41
3754614.21        0.00135
         371760.41    3754614.21        0.00146                      371810.41
3754614.21        0.00147
         371860.41    3754614.21        0.00138                      371910.41
3754614.21        0.00128
         371960.41    3754614.21        0.00125                      372010.41
3754614.21        0.00130
         372060.41    3754614.21        0.00153                      372110.41
3754614.21        0.00202
         372160.41    3754614.21        0.00264                      372210.41
3754614.21        0.00320
         372260.41    3754614.21        0.00356                      371460.41
3754664.21        0.00061
         371510.41    3754664.21        0.00069                      371560.41
3754664.21        0.00078
         371610.41    3754664.21        0.00088                      371660.41
3754664.21        0.00099
         371710.41    3754664.21        0.00108                      371760.41
3754664.21        0.00112
         371810.41    3754664.21        0.00110                      371860.41
3754664.21        0.00105
         371910.41    3754664.21        0.00099                      371960.41
3754664.21        0.00097
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:30:29

                                  PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372010.41	3754664.21	0.00097	372060.41	3754664.21	0.00102
372110.41	3754664.21	0.00119	372160.41	3754664.21	0.00148
372210.41	3754664.21	0.00181	372260.41	3754664.21	0.00212
371460.41	3754714.21	0.00055	371510.41	3754714.21	0.00061
371560.41	3754714.21	0.00068	371610.41	3754714.21	0.00075
371660.41	3754714.21	0.00081	371710.41	3754714.21	0.00085
371760.41	3754714.21	0.00087	371810.41	3754714.21	0.00084
371860.41	3754714.21	0.00081	371910.41	3754714.21	0.00078
371960.41	3754714.21	0.00076	372010.41	3754714.21	0.00075
372060.41	3754714.21	0.00077	372110.41	3754714.21	0.00082
372160.41	3754714.21	0.00093	372210.41	3754714.21	0.00110
372260.41	3754714.21	0.00129	371460.41	3754764.21	0.00049
371510.41	3754764.21	0.00054	371560.41	3754764.21	0.00058
371610.41	3754764.21	0.00063	371660.41	3754764.21	0.00066
371710.41	3754764.21	0.00068	371760.41	3754764.21	0.00069
371810.41	3754764.21	0.00066	371860.41	3754764.21	0.00064
371910.41	3754764.21	0.00062	371960.41	3754764.21	0.00061
372010.41	3754764.21	0.00060	372060.41	3754764.21	0.00060
372110.41	3754764.21	0.00061	372160.41	3754764.21	0.00066

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                          *** 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)
 -
- -
        371460.41   3753964.21   0.01063 (16122624)   371510.41
 3753964.21   0.01106 (14121624)
        371560.41   3753964.21   0.01216 (12122024)   371610.41
 3753964.21   0.01223 (16122024)
        371660.41   3753964.21   0.01391 (16010124)   371710.41
 3753964.21   0.01529 (16010124)
        371760.41   3753964.21   0.01402 (16120224)   371810.41
 3753964.21   0.01141 (16120224)
        371860.41   3753964.21   0.00744 (16120224)   371910.41
 3753964.21   0.01259 (14122524)
        371960.41   3753964.21   0.01558 (14122524)   372010.41
 3753964.21   0.01488 (14122524)
        372060.41   3753964.21   0.01228 (14122524)   372110.41
 3753964.21   0.00984 (15121224)
        372160.41   3753964.21   0.00909 (15121224)   372210.41
 3753964.21   0.00771 (15121224)
        372260.41   3753964.21   0.00607 (15121224)   371460.41
 3754014.21   0.01211 (16122624)
        371510.41   3754014.21   0.01410 (16122624)   371560.41
 3754014.21   0.01442 (14121624)

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       371610.41   3754014.21        0.01548  (12122024)              371660.41
3754014.21        0.01587  (16122024)
       371710.41   3754014.21        0.01812  (16010124)              371760.41
3754014.21        0.01694  (16010124)
       371810.41   3754014.21        0.01500  (16120224)              371860.41
3754014.21        0.00928  (16120224)
       371910.41   3754014.21        0.01528  (14122524)              371960.41
3754014.21        0.01810  (14122524)
       372010.41   3754014.21        0.01679  (14122524)              372060.41
3754014.21        0.01278  (14122524)
       372110.41   3754014.21        0.01122  (15121224)              372160.41
3754014.21        0.00965  (15121224)
       372210.41   3754014.21        0.00756  (15121224)              372260.41
3754014.21        0.00554  (15121224)
       371460.41   3754064.21        0.01224  (16122624)              371510.41
3754064.21        0.01588  (16122624)
       371560.41   3754064.21        0.01844  (16122624)              371610.41
3754064.21        0.01859  (14121624)
       371660.41   3754064.21        0.02000  (16122024)              371710.41
3754064.21        0.02096  (16010124)
       371760.41   3754064.21        0.02168  (16010124)              371810.41
3754064.21        0.01939  (16120224)
       371860.41   3754064.21        0.01175  (16120224)              371910.41
3754064.21        0.01852  (14122524)
       371960.41   3754064.21        0.02155  (14122524)              372010.41
3754064.21        0.01839  (14122524)
       372060.41   3754064.21        0.01377  (15121224)              372110.41
3754064.21        0.01231  (15121224)
       372160.41   3754064.21        0.00957  (15121224)              372210.41
3754064.21        0.00689  (15121224)
       372260.41   3754064.21        0.00521  (12102524)              371460.41
3754114.21        0.01164  (13011924)
       371510.41   3754114.21        0.01591  (16122624)              371560.41
3754114.21        0.02063  (16122624)
       371610.41   3754114.21        0.02386  (16122624)              371660.41
3754114.21        0.02472  (14121624)
       371710.41   3754114.21        0.02573  (16122024)              371760.41
3754114.21        0.02683  (16010124)
       371810.41   3754114.21        0.02509  (16120224)              371860.41
3754114.21        0.01624  (16120224)
       371910.41   3754114.21        0.02227  (14122524)              371960.41
3754114.21        0.02514  (14122524)
       372010.41   3754114.21        0.01904  (14122524)              372060.41
3754114.21        0.01583  (15121224)
       372110.41   3754114.21        0.01257  (15121224)              372160.41
3754114.21        0.00866  (15121224)
       372210.41   3754114.21        0.00662  (12102524)              372260.41
3754114.21        0.00546  (12102524)
       371460.41   3754164.21        0.01289b (15121724)              371510.41
3754164.21        0.01420  (13012524)
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        371560.41   3754164.21        0.02046  (16122624)                371610.41
 3754164.21        0.02705  (16122624)
        371660.41   3754164.21        0.03054  (14121624)                371710.41
 3754164.21        0.03154  (14121624)
        371760.41   3754164.21        0.03257  (16122024)                371810.41
 3754164.21        0.03128  (16010124)
        371860.41   3754164.21        0.02423  (16120224)                371910.41
 3754164.21        0.02785  (14122524)
        371960.41   3754164.21        0.02845  (14122524)                372010.41
 3754164.21        0.01966  (15121224)
```



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                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                            *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        372060.41   3754164.21        0.01669  (15121224)                372110.41
 3754164.21        0.01131  (15121224)
        372160.41   3754164.21        0.00862  (12102524)                372210.41
 3754164.21        0.00694  (12102524)
        372260.41   3754164.21        0.00528  (12102524)                371460.41
 3754214.21        0.01616  (12121624)
        371510.41   3754214.21        0.01851  (12121624)                371560.41
 3754214.21        0.01896  (12121624)
        371610.41   3754214.21        0.02581  (16122624)                371660.41
 3754214.21        0.03484  (16122624)
        371710.41   3754214.21        0.04176  (14121624)                371760.41
 3754214.21        0.04182  (14121624)
        371810.41   3754214.21        0.04324  (16010124)                371860.41
 3754214.21        0.03693  (16120224)
        371910.41   3754214.21        0.03475  (14122524)                371960.41
 3754214.21        0.03105  (14122524)
        372010.41   3754214.21        0.02231  (15121224)                372060.41
 3754214.21        0.01502  (15121224)
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       372110.41   3754214.21        0.01153  (12102524)              372160.41
3754214.21        0.00886  (12102524)
       372210.41   3754214.21        0.00653  (12102524)              372260.41
3754214.21        0.00568  (15121424)
       371460.41   3754264.21        0.01925  (12121624)              371510.41
3754264.21        0.02290  (12121624)
       371560.41   3754264.21        0.02592  (12121624)              371610.41
3754264.21        0.02926  (12121624)
       371660.41   3754264.21        0.03359  (16122624)              371710.41
3754264.21        0.04869  (16122624)
       371760.41   3754264.21        0.06130  (14121624)              371810.41
3754264.21        0.09076  (16122024)
       371860.41   3754264.21        0.07582  (16120224)              371910.41
3754264.21        0.05844  (15102924)
       371960.41   3754264.21        0.02959m (14020124)              372010.41
3754264.21        0.01975  (15121224)
       372060.41   3754264.21        0.01594  (12102524)              372110.41
3754264.21        0.01165  (12102524)
       372160.41   3754264.21        0.00812  (12102524)              372210.41
3754264.21        0.00698  (15121424)
       372260.41   3754264.21        0.00700  (15121424)              371460.41
3754314.21        0.01985m (12122924)
       371510.41   3754314.21        0.02354m (12122924)              371560.41
3754314.21        0.02917  (12121624)
       371610.41   3754314.21        0.03566  (12121624)              371660.41
3754314.21        0.04317  (12121624)
       371710.41   3754314.21        0.05141  (12121624)              371760.41
3754314.21        0.12512  (16122624)
       371960.41   3754314.21        0.02632m (14020124)              372010.41
3754314.21        0.01917  (12102524)
       372060.41   3754314.21        0.01447  (12102524)              372110.41
3754314.21        0.01077  (12102524)
       372160.41   3754314.21        0.01067  (14013124)              372210.41
3754314.21        0.01128  (14013124)
       372260.41   3754314.21        0.01100  (14013124)              371460.41
3754364.21        0.01640m (12122924)
       371510.41   3754364.21        0.02022m (12122924)              371560.41
3754364.21        0.02441m (12122924)
       371610.41   3754364.21        0.02970  (12121624)              371660.41
3754364.21        0.04368  (12121624)
       371710.41   3754364.21        0.06164  (12121624)              371760.41
3754364.21        0.13259  (12121624)
       371960.41   3754364.21        0.00989  (13111224)              372010.41
3754364.21        0.02022  (15122224)
       372060.41   3754364.21        0.02139  (15122224)              372110.41
3754364.21        0.02115  (15121124)
       372160.41   3754364.21        0.01909  (15121124)              372210.41
3754364.21        0.01659  (15121124)
       372260.41   3754364.21        0.01465  (14013124)              371460.41
3754414.21        0.01280  (13112924)
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        371510.41   3754414.21        0.01534  (13112924)                371560.41
 3754414.21        0.01831  (13112924)
        371610.41   3754414.21        0.02213  (13112924)                371660.41
 3754414.21        0.02863  (13112924)
        371710.41   3754414.21        0.03795  (13112924)                371760.41
 3754414.21        0.05118  (13112924)
        371960.41   3754414.21        0.03858  (15122224)                372010.41
 3754414.21        0.03790  (15122224)
        372060.41   3754414.21        0.03482  (13040824)                372110.41
 3754414.21        0.02862  (13040824)
        372160.41   3754414.21        0.02265  (13040824)                372210.41
 3754414.21        0.01938  (16030624)
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:30:29

                                   PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        372260.41   3754414.21        0.01729  (16030624)                371460.41
 3754464.21        0.00842  (13112924)
        371510.41   3754464.21        0.00976  (13112924)                371560.41
 3754464.21        0.01122  (13112924)
        371610.41   3754464.21        0.01285  (13112924)                371660.41
 3754464.21        0.01484  (13112924)
        371710.41   3754464.21        0.01631  (13112924)                371760.41
 3754464.21        0.01724  (12012324)
        371810.41   3754464.21        0.01884  (15082524)                371860.41
 3754464.21        0.02380  (13060224)
        371910.41   3754464.21        0.00987b (13122924)                371960.41
 3754464.21        0.01797  (12052324)
        372010.41   3754464.21        0.02498  (12052324)                372060.41
 3754464.21        0.02701m (16123124)
        372110.41   3754464.21        0.02546m (16123124)                372160.41
 3754464.21        0.02249  (16082024)
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       372210.41   3754464.21        0.02125  (16030624)               372260.41
3754464.21        0.01955  (16030624)
       371460.41   3754514.21        0.00649  (12112924)               371510.41
3754514.21        0.00736  (12112924)
       371560.41   3754514.21        0.00846  (12112924)               371610.41
3754514.21        0.00980  (12112924)
       371660.41   3754514.21        0.01149  (16010324)               371710.41
3754514.21        0.01345  (16010324)
       371760.41   3754514.21        0.01749  (15082524)               371810.41
3754514.21        0.02250  (13060224)
       371860.41   3754514.21        0.01833  (13060224)               371910.41
3754514.21        0.01051  (13060624)
       371960.41   3754514.21        0.01114b (13122924)               372010.41
3754514.21        0.01964  (12052324)
       372060.41   3754514.21        0.02277  (12052324)               372110.41
3754514.21        0.02064  (16051424)
       372160.41   3754514.21        0.02058m (16123124)               372210.41
3754514.21        0.01903m (16123124)
       372260.41   3754514.21        0.01724  (16061324)               371460.41
3754564.21        0.00669  (12112924)
       371510.41   3754564.21        0.00747  (12112924)               371560.41
3754564.21        0.00828  (12112924)
       371610.41   3754564.21        0.00909  (16010324)               371660.41
3754564.21        0.00979  (15082524)
       371710.41   3754564.21        0.01307  (15082524)               371760.41
3754564.21        0.01552  (13050424)
       371810.41   3754564.21        0.01876  (13050524)               371860.41
3754564.21        0.01628  (13050524)
       371910.41   3754564.21        0.01067  (16013124)               371960.41
3754564.21        0.00947  (16041624)
       372010.41   3754564.21        0.00940  (16041624)               372060.41
3754564.21        0.01486  (12052324)
       372110.41   3754564.21        0.01658  (12052324)               372160.41
3754564.21        0.01530  (16051424)
       372210.41   3754564.21        0.01589  (16051424)               372260.41
3754564.21        0.01459  (16051424)
       371460.41   3754614.21        0.00618  (12112924)               371510.41
3754614.21        0.00669  (12112924)
       371560.41   3754614.21        0.00708  (12112924)               371610.41
3754614.21        0.00761  (15082524)
       371660.41   3754614.21        0.01003  (12032524)               371710.41
3754614.21        0.01166  (13050424)
       371760.41   3754614.21        0.01442  (13050524)               371810.41
3754614.21        0.01897  (13050524)
       371860.41   3754614.21        0.01330  (13050524)               371910.41
3754614.21        0.00990  (16013124)
       371960.41   3754614.21        0.01142  (16013124)               372010.41
3754614.21        0.01005  (14022824)
       372060.41   3754614.21        0.00804  (14080324)               372110.41
3754614.21        0.01068  (12052324)
```

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        372160.41   3754614.21        0.01183  (12052324)                372210.41
 3754614.21        0.01128  (16042224)
        372260.41   3754614.21        0.01172  (16051424)                371460.41
 3754664.21        0.00540  (12112924)
        371510.41   3754664.21        0.00564  (12112924)                371560.41
 3754664.21        0.00633  (12032524)
        371610.41   3754664.21        0.00807  (12032524)                371660.41
 3754664.21        0.00919  (12032524)
        371710.41   3754664.21        0.01124  (16061124)                371760.41
 3754664.21        0.01518  (13050524)
        371810.41   3754664.21        0.01604  (13050524)                371860.41
 3754664.21        0.01047  (13050524)
        371910.41   3754664.21        0.00822  (16013124)                371960.41
 3754664.21        0.01075  (16013124)
```

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↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                   ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:30:29

                                   PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        372010.41   3754664.21        0.00790  (16041624)                372060.41
 3754664.21        0.00838  (14022824)
        372110.41   3754664.21        0.00685  (14080324)                372160.41
 3754664.21        0.00818  (14080324)
        372210.41   3754664.21        0.00865  (12052324)                372260.41
 3754664.21        0.00849  (12052324)
        371460.41   3754714.21        0.00459  (12112924)                371510.41
 3754714.21        0.00532  (12032524)
        371560.41   3754714.21        0.00656  (12032524)                371610.41
 3754714.21        0.00734  (12032524)
        371660.41   3754714.21        0.00876  (16061124)                371710.41
 3754714.21        0.01118  (13050524)
        371760.41   3754714.21        0.01384  (13050524)                371810.41
 3754714.21        0.01271  (13050524)
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       371860.41   3754714.21        0.00802  (13050524)               371910.41
 3754714.21        0.00662  (16013124)
       371960.41   3754714.21        0.00915  (16013124)               372010.41
 3754714.21        0.00649  (16013124)
       372060.41   3754714.21        0.00762  (14022824)               372110.41
 3754714.21        0.00679  (14022824)
       372160.41   3754714.21        0.00569  (14080324)               372210.41
 3754714.21        0.00645  (14080324)
       372260.41   3754714.21        0.00650  (12052324)               371460.41
 3754764.21        0.00450  (12032524)
       371510.41   3754764.21        0.00539  (12032524)               371560.41
 3754764.21        0.00595  (12032524)
       371610.41   3754764.21        0.00692  (16061124)               371660.41
 3754764.21        0.00842  (16061124)
       371710.41   3754764.21        0.01082  (13050524)               371760.41
 3754764.21        0.01184  (13050524)
       371810.41   3754764.21        0.01013  (13050524)               371860.41
 3754764.21        0.00634  (13050524)
       371910.41   3754764.21        0.00543  (16013124)               371960.41
 3754764.21        0.00762  (16013124)
       372010.41   3754764.21        0.00642  (16013124)               372060.41
 3754764.21        0.00613  (15040724)
       372110.41   3754764.21        0.00652  (14022824)               372160.41
 3754764.21        0.00530  (15040724)
       372210.41   3754764.21        0.00465  (14080324)               372260.41
 3754764.21        0.00513  (14080324)
       371769.55   3754422.82        0.04897  (13112924)               371937.65
 3754421.07        0.01006  (12050924)
       371939.40   3754282.74        0.04324  (15102924)               371941.15
 3754277.48        0.04186  (15102924)
       371762.54   3754273.98        0.07654  (14121624)               371765.17
 3754425.45        0.04601  (13112924)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                   ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:30:29

                                  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 43848
HRS) RESULTS ***


                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
               **


                         NETWORK
GROUP ID                       AVERAGE CONC               RECEPTOR  (XR, YR,
```

ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -

```
ALL       1ST HIGHEST VALUE IS       0.01133 AT (  372110.41,  3754464.21,
30.53,    30.53,    0.00)  DC
          2ND HIGHEST VALUE IS       0.01066 AT (  372060.41,  3754464.21,
30.45,    30.45,    0.00)  DC
          3RD HIGHEST VALUE IS       0.01048 AT (  372160.41,  3754464.21,
30.42,    30.42,    0.00)  DC
          4TH HIGHEST VALUE IS       0.00968 AT (  372060.41,  3754414.21,
30.74,    30.74,    0.00)  DC
          5TH HIGHEST VALUE IS       0.00966 AT (  372110.41,  3754414.21,
30.88,    30.88,    0.00)  DC
          6TH HIGHEST VALUE IS       0.00934 AT (  372210.41,  3754464.21,
30.82,    30.82,    0.00)  DC
          7TH HIGHEST VALUE IS       0.00864 AT (  372160.41,  3754414.21,
30.39,    30.39,    0.00)  DC
          8TH HIGHEST VALUE IS       0.00832 AT (  372160.41,  3754514.21,
30.53,    30.53,    0.00)  DC
          9TH HIGHEST VALUE IS       0.00822 AT (  372210.41,  3754514.21,
30.89,    30.89,    0.00)  DC
         10TH HIGHEST VALUE IS       0.00817 AT (  372260.41,  3754464.21,
30.80,    30.80,    0.00)  DC
```

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

*** MODELOPTs: RegDFAULT CONC ELEV 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       0.13259  ON 12121624: AT (  371760.41,
3754364.21,    32.17,    32.17,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\Ollie\Ollie_PM2\Ollie_PM2.isc                    ***        01/10/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:30:29

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of          718 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          458 Calm Hours Identified

 A Total of          260 Missing Hours Identified (  0.59 Percent)


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


    ********   WARNING MESSAGES   ********
 SO W320      39        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     125       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     125       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
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