APPENDIX A

AIR QUALITY, GHG, AND ENERGY MODELING DATA

Construction Fuel Consumption

On-Site Diesel[1] (off-road construction Equipment)	$MTCO_2e$	Gallons of Fuel[4]	Current County Fuel	Percent
Demolition	0	0		
Site Preparation/Grading	51	4,999		
Infrastructure	181	17,743		
Building Construction	14	1,348		
Paving & Architectural Coating	5	518		
Total	251	24,608	84,289,095	0.0292%
Off-Site Diesel[1] (on-road construction trips)				
Demolition	0	0		
Site Preparation/Grading	8	809		
Infrastructure	11	1,109		
Building Construction	0	0		
Paving & Architectural Coating	0	0		
Total	20	1,917	84,289,095	0.0023%
Off-Site Gasoline[2]				
Demolition	0	0		
Site Preparation/Grading	2	213		
Infrastructure	7	833		
Building Construction	1	135		
Paving & Architectural Coating	1	87		
Total	11	1,268	262,971,107	0.0005%
Total Diesel Fuel		26,525	84,289,095	0.0315%
Total Gasoline Fuel		1,268	262,971,107	0.0005%
Total Construction Fuel	282	27,793		

Construction Phase[3]	Demolition			Site Preparation			Grading		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025				24	0	1	27	8	1
Total	**0**	**0**	**0**	**24**	**0**	**1**	**27**	**8**	**1**

Construction Phase[3]	Building Construction			Paving			Architectural Coating & Paving		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	181	11	7	14	0	1	5	0	1
Total	**181**	**11**	**7**	**14**	**0**	**1**	**5**	**0**	**1**

Notes:

[1] Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

[2] Fuel used for worker trips assumed to be gasoline.

[3] $MTCO_2e$ rates from CalEEMod (3.0 Construction Details).

[4] For CO2e emissions, The Climate Registry, June 2023 Default Emission Factors, see Table 1.1 (U.S. Default Factors for Calculating CO2 Emissions from Combustion of Transport Fuels) https://theclimateregistry.org/wp-content/uploads/2023/06/2023-Default-Emission-Factors-Final-1.pdf.

Climate Registry Conversion Ratios:

- Gasoline: 8.78 kg CO_2 per gallon / 1,000 kg per metric ton
- Diesel: 10.21 kg CO2 per gallon / 1,000 kg per metric ton

Construction Water Energy

Daily Soil Disturbance[1]	4	acres
Days of Soil Disturbance[2]	30	days
Water Concentration[3]	3,020	gallons/acre
Water Energy Intensity[4]	1,741	kWh/MG
Total Construction Water	0.32	million gallons
Construction Water Energy	552	kWh
	0.5521	MWh
SJ County Annual Electricity	5,771,280	MWh
Percentage Increase	0.000010%	

Notes:

[1] Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

[2] Number of days of construction with soil-disturbing equipment per CalEEMod (5.1 Construction Schedule).

[3] Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

[4] Water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32.

Operational Fuel

Vehicle Type	Annual VMT[2]	MPG[3]	Annual Fuel (Gallons)	Fuel Type	San Joaquin County Gallons[4]	RS Percent
Passenger Cars (Gasoline)	3,361,507	21.6	155,625	Gas	258,173,328	0.0603%
Light/Medium Trucks	208,719	17.2	12,135	Diesel	83,986,035	0.0144%
Heavy Trucks/Other	665,834	6.1	109,153	Diesel	83,986,035	0.1300%
Total Diesel	**4,236,059**		**121,288**			**0.1444%**

Land Use[5]	VMT Total	Passenger Car VMT	Light/Medium Trucks VMT	Heavy Trucks/Other VMT
Convenience Market (24 hour)	1,855,313	1,715,662	106,527	33,125
Fast Food Restaurant with Drive Thru	538,083	497,581	30,895	9,607
Strip Mall	109,610	101,359	6,293	1,957
Fast Food Restaurant with Drive Thru	582,923	539,046	33,470	10,408
High Turnover (Sit Down Restaurant)	275,940	255,170	15,844	4,927
Supermarket	273,257	252,689	15,690	4,879
Parking Lot	600,933	-	-	600,933
Total	*4,236,059*	*3,361,507*	*208,719*	*665,834*

Land Use[1]	LDA	LDT1	LDT2	MCY	MDV	LHD1	LHD2	MHD	OBUS	UBUS	SBUS	MH	HHD
Convenience Market (24 hour)	0.4915	0.0375	0.2020	0.0217	0.1720	0.0320	0.0076	0.0122	0.0005	0.0004	0.0013	0.0034	0.0179
Fast Food Restaurant with Drive Thru	0.4915	0.0375	0.2020	0.0217	0.1720	0.0320	0.0076	0.0122	0.0005	0.0004	0.0013	0.0034	0.0179
Strip Mall	0.4915	0.0375	0.2020	0.0217	0.1720	0.0320	0.0076	0.0122	0.0005	0.0004	0.0013	0.0034	0.0179
Fast Food Restaurant with Drive Thru	0.4915	0.0375	0.2020	0.0217	0.1720	0.0320	0.0076	0.0122	0.0005	0.0004	0.0013	0.0034	0.0179
High Turnover (Sit Down Restaurant)	0.4915	0.0375	0.2020	0.0217	0.1720	0.0320	0.0076	0.0122	0.0005	0.0004	0.0013	0.0034	0.0179
Supermarket	0.4915	0.0375	0.2020	0.0217	0.1720	0.0320	0.0076	0.0122	0.0005	0.0004	0.0013	0.0034	0.0179
Parking Lot	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000

Notes:

[1] Percent of vehicle trip distribution based on fleet mix from CalEEMod.

[2] Total annual operational VMT based on mitigated annual VMT from CalEEMod (5.9 Operational Mobile Sources).

[3] Average fuel economy derived from Department of Transportation.

[4] Total annual county fuel per EMFAC 2021 model of projected operational fuel usage.

Operational Water Energy

Unmitigated Indoor	5.8	million gallons
Indoor Energy Intensity Factor[1]	3,260	kWh/MG
Unmitigated Outdoor	0	million gallons
Outdoor Energy Intensity Factor[2]	1,741	kWh/MG
Operational Water Energy	19,353	kWh
Operational Water Energy	19	MWh
SJ County Annual Electricity	5,771,280	MWh
Percentage Increase	0.0003%	

Land Use[3]	Unmitigated (MG)		Mitigated (MG)	
	Indoor	Outdoor	Indoor	Outdoor
Convenience Market (24 hour)	0.44	0		
Fast Food Restaurant with Drive Thru	0.91	0		
Strip Mall	0.33	0		
Fast Food Restaurant with Drive Thru	0.87	0		
High Turnover (Sit Down Restaurant)	2.04	0		
Supermarket	0.98	0		
Parking Lot	0.00	0.24		
Total Operational Water	**5.6**	**0.24**	**0**	**0**

Notes:

[1] Indoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, distribution, and wastewater.

[2] Outdoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, and distribution.

[3] Operational water use values per CalEEMod (5.12 Operational Water and Wastewater Consumption).

Elecricity/Natural Gas Energy

	Unmitigated Project Annual Energy	San Joaquin County Annual Energy[3]	Percentage Increase
Electricity (kWh/yr)	1,542,281	5,771,280,050	0.0267%
Electricity (MWh/yr)	1,542	5,771,280	0.0267%
Natural Gas (kBTU/yr)	1,990,936	18,729,939,700	0.0106%
Natural Gas (therms/yr)	19,909	187,299,397	0.0106%

Land Use	Electricity[1] (kWh/yr)		Natural Gas[2] (kBTU/yr)	
	Unmitigated	Mitigated	Unmitigated	Mitigated
Convenience Market (24 hour)	306,378		180,882	
Fast Food Restaurant with Drive Thru	120,581		365,918	
Strip Mall	39,204		38,815	
Fast Food Restaurant with Drive Thru	114,438		347,275	
High Turnover (Sit Down Restaurant)	269,752		818,594	
Supermarket	405,585		239,452	
Parking Lot	286,343		0	
Total Energy	**1,542,281**		**1,990,936**	

Notes:

[1] Electricity use per CalEEMod (5.11 Energy by Land Use).

[2] Natural Gas use per CalEEMod (5.11 Natural Gas by Land Use).

[3] County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov. (year 2022)

Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Backup Generator	Diesel	1	400	0.74	50	1	296	14,800
Backup Generator >750 hp	Diesel	0	3,600	0.74	50	1	0	0

UNMITIGATED

	ROG	TOG	CO	NO_X	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Emissions Rates (g/hp-hr)	1.020	1.120	2.600	2.850	0.005	0.150	0.150	521.640	0.021	0.004	-
Emissions Rates (>750) (g/hp-hr)	1.020	1.120	2.600	4.560	0.005	0.150	0.150	521.640	0.021	0.004	-
Emissions (pounds/day)	0.67	0.73	1.70	1.86	0.00	0.10	0.10	340.41	0.01	0.00	-
Emissions (tons/year)	0.02	0.02	0.04	0.05	0.00	0.00	0.00	8.51	0.00	0.00	-
GHG Emissions (metric tons)	-	-	-	-	-	-	-	7.72	0.00	0.00	7.75

Source: User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

MITIGATED

	ROG[1]	TOG[1]	CO[1]	NO_X[2]	SO_X[1]	PM_{10}[2]	$PM_{2.5}$[2]	CO_2[1]	CH_4[1]	N_2O	CO_2e
Emissions Rates (g/hp-hr)	1.020	1.120	2.600	0.500	0.005	0.020	0.020	521.640	0.021	0.004	-
Emissions Rates (>750) (g/hp-hr)	1.020	1.120	2.600	0.500	0.005	0.020	0.020	521.640	0.021	0.004	-
Emissions (pounds/day)	0.67	0.73	1.70	0.33	0.00	0.01	0.01	340.41	0.01	0.00	-
Emissions (tons/year)	0.02	0.02	0.04	0.01	0.00	0.00	0.00	8.51	0.00	0.00	-
GHG Emissions (metric tons)	-	-	-	-	-	-	-	7.72	0.00	0.00	7.75

Source:
1. User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.
2. Final Rule for Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel, Table II.A-4.4 (Available at: https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-control-emissions-air-pollution-nonroad).

Drive-Thru On-Site Emissions

Total Trips/Day for Project	2,925		
Percent Drive-thru Trips[1]	0.70		
Drive-Thru Trips	2,048		
Minutes/Trip	5		
Distance (miles/trip)	0.1	0.06	0.04

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
EMFAC Emissions Rate (g/mi)	0.0913583	0.1476336	1.5256186	0.0071344	0.0100338	0.0093080
Pounds/Day	3.44E-03	5.55E-03	5.74E-02	2.68E-04	3.77E-04	3.50E-04
tons/year	6.27E-04	1.01E-03	1.05E-02	4.90E-05	6.89E-05	6.39E-05

	CO_2	CH_4	N_2O	CO_2e
EMFAC Emissions Rate (g/mi)	722.7916331	0.0192455	0.01340551	0
MT/year	4.50	0.00	0.00	4.52928633

Source: EMFAC2021 (v1.0.2) Emission Rates, Riverside (SC) Sub-Area, Year 2024, Annual.

Notes

1. Drive-thru percent is assumed with 70%.
2. Drive -thru distances measured as 0.06 mile and 0.04 mile from GoogleEarth.

Potential To Emit Calculator for Gasoline Dispensing Facilities

11/12/2013

This sheet calculates the maximum fuel throughput, based on the number of vehicle refueling positions at your GDF. The calculations use fixed values for hours of operation, the time required for each refueling event, and the average amount of fuel dispensed per refueling event.
The sheet than calculates the emissions of VOC from your GDF, based on emissions factors and the attainment status of your location. Note that while this calculator is designed primarily to address emissions of gasoline vapor, it includes algorithms to account for diesel fuel vapor as well and could even be used if the sole fuel dispensed was diesel.

HD truck diesel refueling positions	6					
Automotive dispensers with gasoline or diesel	0					
Automotive/Nonroad Diesel Refueling Positions	0					
Gasoline Vehicle Refueling Positions	**14**					
Location - Ozone Attainment Status	**Nonattainment Area**					
Max. Gasoline Throughput If No Automotive/nonroad Diesel	**4,905,600**	**gallons/year**	**Max. Automotive/Nonroad Diesel Throughput**	**0**	**gallons/year**	13,440
Max. Combined Automotive plus HD Truck Diesel Throughput	**17,520,000**	**gallons/year**	**Max. HD Truck Diesel**	**17,520,000**	**gallons/year**	48,000

Internally fixed values in calculation -- gasoline and automotive/nonroad diesel

Average time between start of refueling events	0.25	hours
Number of hours of GDF operation per day	24	hours/day
Number of days per year open for business	365	days/year
Number of gallons per refueling event	10	gal/refueling event
Percent of refueling events which use automotive diesel dispensers	5	%/year

Internally fixed values -- HD truck diesel

Average time between start of refueling events	0.33	hours
Number of hours of GDF operation per day	24	hours/day
Number of days per year open for business	365	days/year
Number of gallons per refueling event	110	gal/refueling event

Gasoline VOC Emissions -- apply these values to GDFs using USTs or ASTs[7]

Description [4]	VOC Emission factor (lb/1,000 gal)	Potential to Emit VOC (tons/yr)
Add'l Emissions for Small Volume GDFs[6]	12.0	0.000
Storage Tank Filling [1]	0.30	**0.736**
Storage Tank Breathing Losses [2]	0.25	**0.613**
Dispensing [3]	0.35	**0.858**
Totals	**0.900**	**2.208**

29.311

Diesel VOC Emissions -- apply these values to GDFs using USTs or ASTs

Description [4]	VOC Emission factor[5]	Potential to Emit VOC
	(lb/1,000 gal)	(ton/yr)
Storage Tank Filling	0.040	**0.350**
Storage Tank Breathing Losses	0.028	**0.241**
Dispensing	0.040	**0.350**
Totals	**0.108**	**0.942**

Methodology
Maximum Throughput (gal/yr) = vehicle refueling positions / refueling event time (hrs) x hours of operation (hr/yr) x fuel dispensed (gal/refueling event)
Potential to Emit of VOC (tons/yr) = Maximum Throughput (gal/yr) x VOC Emission Factor (lb/1,000 gal) x 1 ton/2,000 lbs

Notes:
Emission factors are from AP 42, Chapter 5.2, Transportation and Marketing of Petroleum Liquids, Table 5.2-7, (June 2008), except where noted.

[1] Assume Stage 1 controls are in place. 40 CFR 63, Subpart CCCCCC requires that new or modified gasoline dispensing facilities with a monthly throughput greater than 100,000 gallons per month install Stage 1 vapor balance system that achieves a 90% emissions reduction.

[2] 40 CFR 63, Subpart CCCCCC requires that new or modified gasoline dispensing facilities with a monthly throughput greater than 100,000 gallons per month install pressure/vacuum (PV) vent valves on the storage tank vent pipes. This model uses a 75 percent efficiency for PV valves in reducing breathing losses.

[3] The displacement VOC emission rate in lbs/1000 gallons depends on the gasoline Reid Vapor Pressure, the dispensed fuel temperature, and the difference between the temperature of the fuel in the tank and the dispensed fuel. For these purposes EPA calculated the uncontrolled displacement VOC emission rate in lbs/1000 gallons. EPA has used 10 psi RVP and national average summer-time temperatures for ozone attainment areas. This yields a value of about 10.8 lbs/1000 gallons. EPA has used 7 psi RVP and temperatures representative of the summer-time western US for ozone non-attainment areas. This yields a value of about 7.5 lbs/1000 gallons. In 76 FR 41723, EPA determined that 80% of the vehicle fleet will have ORVR installed as of 2014, and widespread use will be achieved on a national basis on June 30, 2013. Therefore, this value has been reduced by 80% for 2014 and increases each year subsequent to 2014 as fleet turnover occurs.
See memorandum to Public Docket EPA-HQ-OAR-2010-1076, Updated Data for ORVR Widespread Use Assessment, Glenn Passavant, OTAQ, 2012 and
U.S.EPA, Guidance on Removing Stage II Gasoline Vapor Control Programs from State Implementation Plans and Assessing Comparable Measures, EPA-457/B-12-001, August 7, 2012.

[4] Even though spillage is a specific category of emissions related to fuel dispensing in AP-42, it is considered a fugitive emission for purposes of NSR permits and thus is not included here.

[5] Diesel emission factors were derived using the no.2 diesel true vapor pressure and vapor molecular weight from AP-42 Table 7.1-2 at 70F and equation 1 of section 5.2.2 with an S factor value of 1.45 for storage tank and vehicle tank filling and an S factor of 1.0 for breathing losses.

[6] GDFs with a gasoline throughput of < 10,000 gallons per month have higher storage tank filling and breathing loss emissions because they are not required to install Stage I vapor recovery controls under 40 CFR 63 CCCCCC.

[7] Using these values for an AST assumes a 45% average ullage in a 2000 gal AST

Maverik Lodi_Unmitigated Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Maverik Lodi_Unmitigated
Construction Start Date	1/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	34.0
Location	38.11558923469829, -121.25499097307477
County	San Joaquin
City	Unincorporated
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2146
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Convenience Market (24 hour)	5.98	1000sqft	0.14	5,982	0.00	—	—	—

Fast Food Restaurant with Drive Thru	3.00	1000sqft	0.07	3,003	0.00	—	—	—
Strip Mall	4.50	1000sqft	0.10	4,500	0.00	—	—	—
Fast Food Restaurant with Drive Thru	2.85	1000sqft	0.07	2,850	0.00	—	—	—
High Turnover (Sit Down Restaurant)	6.72	1000sqft	0.15	6,718	0.00	—	—	—
Supermarket	7.92	1000sqft	0.18	7,919	0.00	—	—	—
Parking Lot	327	1000sqft	7.50	0.00	17,204	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.27	4.01	11.5	14.9	0.03	0.46	0.15	0.61	0.42	0.04	0.46	—	2,799	2,799	0.11	0.05	0.86	2,816
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.26	5.85	31.7	30.9	0.05	1.37	19.8	21.2	1.26	10.1	11.4	—	5,442	5,442	0.22	0.16	0.07	5,462
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.66	1.50	7.30	8.93	0.02	0.30	1.02	1.32	0.28	0.49	0.76	—	1,692	1,692	0.07	0.03	0.24	1,703

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.30	0.27	1.33	1.63	< 0.005	0.05	0.19	0.24	0.05	0.09	0.14	—	280	280	0.01	0.01	0.04	282

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.27	4.01	11.5	14.9	0.03	0.46	0.15	0.61	0.42	0.04	0.46	—	2,799	2,799	0.11	0.05	0.86	2,816
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.26	5.85	31.7	30.9	0.05	1.37	19.8	21.2	1.26	10.1	11.4	—	5,442	5,442	0.22	0.16	0.07	5,462
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.66	1.50	7.30	8.93	0.02	0.30	1.02	1.32	0.28	0.49	0.76	—	1,692	1,692	0.07	0.03	0.24	1,703
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.30	0.27	1.33	1.63	< 0.005	0.05	0.19	0.24	0.05	0.09	0.14	—	280	280	0.01	0.01	0.04	282

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.8	33.3	41.0	105	0.18	0.26	8.59	8.85	0.24	2.21	2.45	126	19,945	20,071	14.8	2.33	2,945	24,081
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	31.4	29.8	44.5	123	0.17	0.26	8.59	8.85	0.25	2.21	2.45	126	19,432	19,558	15.2	2.45	2,903	23,571
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.7	30.1	42.7	111	0.18	0.26	8.41	8.67	0.24	2.16	2.41	126	19,516	19,642	15.0	2.39	2,920	23,650
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.79	5.50	7.80	20.3	0.03	0.05	1.54	1.58	0.04	0.39	0.44	20.9	3,231	3,252	2.49	0.40	483	3,915

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	33.7	32.3	40.5	103	0.18	0.21	8.59	8.81	0.20	2.21	2.41	—	18,429	18,429	1.93	2.29	43.1	19,203
Area	0.99	0.97	0.01	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.54	5.54	< 0.005	< 0.005	—	5.56
Energy	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,500	1,500	0.20	0.02	—	1,510
Water	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Waste	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Total	34.8	33.3	41.0	105	0.18	0.26	8.59	8.85	0.24	2.21	2.45	126	19,945	20,071	14.8	2.33	2,945	24,081
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	30.6	29.0	44.0	122	0.17	0.22	8.59	8.81	0.20	2.21	2.41	—	17,922	17,922	2.36	2.40	1.12	18,698
Area	0.75	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,500	1,500	0.20	0.02	—	1,510
Water	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Waste	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902

Total	31.4	29.8	44.5	123	0.17	0.26	8.59	8.85	0.25	2.21	2.45	126	19,432	19,558	15.2	2.45	2,903	23,571
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	30.8	29.2	42.2	110	0.17	0.21	8.41	8.63	0.20	2.16	2.36	—	18,003	18,003	2.16	2.34	18.6	18,774
Area	0.87	0.86	0.01	0.66	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.73	2.73	< 0.005	< 0.005	—	2.74
Energy	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,500	1,500	0.20	0.02	—	1,510
Water	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Waste	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Total	31.7	30.1	42.7	111	0.18	0.26	8.41	8.67	0.24	2.16	2.41	126	19,516	19,642	15.0	2.39	2,920	23,650
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.62	5.34	7.70	20.1	0.03	0.04	1.54	1.57	0.04	0.39	0.43	—	2,981	2,981	0.36	0.39	3.08	3,108
Area	0.16	0.16	< 0.005	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Energy	0.01	0.01	0.10	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	248	248	0.03	< 0.005	—	250
Water	—	—	—	—	—	—	—	—	—	—	—	1.77	1.72	3.49	0.18	< 0.005	—	9.31
Waste	—	—	—	—	—	—	—	—	—	—	—	19.2	0.00	19.2	1.91	0.00	—	67.0
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	480	480
Total	5.79	5.50	7.80	20.3	0.03	0.05	1.54	1.58	0.04	0.39	0.44	20.9	3,231	3,252	2.49	0.40	483	3,915

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.87	0.83	< 0.005	0.04	—	0.04	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.54	0.54	—	0.28	0.28	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.07	0.72	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	146	146	< 0.005	0.01	0.02	148
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.11	4.11	< 0.005	< 0.005	0.01	4.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	7.09	7.09	—	3.43	3.43	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.39	0.39	—	0.19	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.62	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	125	125	< 0.005	0.01	0.01	127
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	1.11	0.25	0.01	0.02	0.23	0.25	0.02	0.06	0.08	—	869	869	0.02	0.13	0.05	910
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.04	7.04	< 0.005	< 0.005	0.01	7.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.06	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	47.6	47.6	< 0.005	0.01	0.05	49.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.17	1.17	< 0.005	< 0.005	< 0.005	1.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.88	7.88	< 0.005	< 0.005	0.01	8.26

3.5. Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.61	0.51	4.75	5.93	0.01	0.20	—	0.20	0.18	—	0.18	—	1,090	1,090	0.04	0.01	—	1,094
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.11	0.09	0.87	1.08	< 0.005	0.04	—	0.04	0.03	—	0.03	—	181	181	0.01	< 0.005	—	181
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.58	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	103	103	< 0.005	< 0.005	0.38	105
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	< 0.005	0.02	0.39	151
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.4	93.4	< 0.005	< 0.005	0.01	94.6
Vendor	0.01	< 0.005	0.19	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	< 0.005	0.02	0.01	150
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.5	43.5	< 0.005	< 0.005	0.08	44.2
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	65.4	65.4	< 0.005	0.01	0.08	68.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.21	7.21	< 0.005	< 0.005	0.01	7.31
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.01	11.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	0.98	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.62	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	125	125	< 0.005	0.01	0.01	127
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.04	7.04	< 0.005	< 0.005	0.01	7.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.17	1.17	< 0.005	< 0.005	< 0.005	1.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.70	2.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.70	2.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.21	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.8	31.8	< 0.005	< 0.005	—	31.9
Architectural Coatings	0.64	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.27	5.27	< 0.005	< 0.005	—	5.29
Architectural Coatings	0.12	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	20.7	20.7	< 0.005	< 0.005	0.08	21.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.7	18.7	< 0.005	< 0.005	< 0.005	18.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.56	4.56	< 0.005	< 0.005	0.01	4.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.77

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	16.3	15.8	5.92	43.8	0.05	0.05	3.62	3.67	0.05	0.92	0.97	—	5,240	5,240	0.77	0.51	15.3	5,426
Fast Food Restaurant with Drive Thru	9.85	9.57	3.58	26.5	0.03	0.03	2.19	2.22	0.03	0.56	0.59	—	3,166	3,166	0.46	0.31	9.24	3,278
Strip Mall	0.96	0.94	0.35	2.59	< 0.005	< 0.005	0.21	0.22	< 0.005	0.05	0.06	—	310	310	0.05	0.03	0.90	321
High Turnover (Sit Down Restaurant)	2.42	2.35	0.88	6.51	0.01	0.01	0.54	0.55	0.01	0.14	0.14	—	779	779	0.11	0.08	2.27	807
Supermarket	2.40	2.33	0.87	6.45	0.01	0.01	0.53	0.54	0.01	0.14	0.14	—	772	772	0.11	0.07	2.25	799
Parking Lot	1.79	1.25	28.9	17.7	0.08	0.11	1.50	1.61	0.10	0.40	0.50	—	8,163	8,163	0.43	1.29	13.2	8,572

Total	33.7	32.3	40.5	103	0.18	0.21	8.59	8.81	0.20	2.21	2.41	—	18,429	18,429	1.93	2.29	43.1	19,203
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	14.8	14.2	6.81	53.1	0.05	0.05	3.62	3.67	0.05	0.92	0.97	—	4,947	4,947	0.99	0.56	0.40	5,139
Fast Food Restaurant with Drive Thru	8.95	8.60	4.11	32.1	0.03	0.03	2.19	2.22	0.03	0.56	0.59	—	2,989	2,989	0.60	0.34	0.24	3,105
Strip Mall	0.87	0.84	0.40	3.14	< 0.005	< 0.005	0.21	0.22	< 0.005	0.05	0.06	—	292	292	0.06	0.03	0.02	304
High Turnover (Sit Down Restaurant)	2.20	2.12	1.01	7.90	0.01	0.01	0.54	0.55	0.01	0.14	0.14	—	736	736	0.15	0.08	0.06	764
Supermarket	2.18	2.10	1.00	7.82	0.01	0.01	0.53	0.54	0.01	0.14	0.14	—	729	729	0.15	0.08	0.06	757
Parking Lot	1.62	1.10	30.7	18.2	0.08	0.11	1.50	1.61	0.10	0.40	0.51	—	8,229	8,229	0.42	1.30	0.34	8,628
Total	30.6	29.0	44.0	122	0.17	0.22	8.59	8.81	0.20	2.21	2.41	—	17,922	17,922	2.36	2.40	1.12	18,698
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	2.71	2.61	1.16	8.58	0.01	0.01	0.65	0.66	0.01	0.16	0.17	—	829	829	0.15	0.09	1.09	860
Fast Food Restaurant with Drive Thru	1.64	1.58	0.70	5.18	0.01	0.01	0.39	0.40	0.01	0.10	0.10	—	501	501	0.09	0.05	0.66	520

Strip Mall	0.16	0.15	0.07	0.51	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	49.0	49.0	0.01	0.01	0.06	50.8
High Turnover (Sit Down Restaurant)	0.40	0.39	0.17	1.28	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	123	123	0.02	0.01	0.16	128
Supermarket	0.40	0.39	0.17	1.26	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	122	122	0.02	0.01	0.16	127
Parking Lot	0.31	0.22	5.43	3.27	0.01	0.02	0.27	0.29	0.02	0.07	0.09	—	1,356	1,356	0.07	0.21	0.94	1,423
Total	5.62	5.34	7.70	20.1	0.03	0.04	1.54	1.57	0.04	0.39	0.43	—	2,981	2,981	0.36	0.39	3.08	3,108

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.03	< 0.005	—	173
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	131	131	0.02	< 0.005	—	133
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	21.9	21.9	< 0.005	< 0.005	—	22.1

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	151	151	0.02	< 0.005	—	152
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	227	227	0.04	< 0.005	—	229
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	160	160	0.03	< 0.005	—	162
Total	—	—	—	—	—	—	—	—	—	—	—	—	862	862	0.14	0.02	—	870
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.03	< 0.005	—	173
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	131	131	0.02	< 0.005	—	133
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	21.9	21.9	< 0.005	< 0.005	—	22.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	151	151	0.02	< 0.005	—	152
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	227	227	0.04	< 0.005	—	229
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	160	160	0.03	< 0.005	—	162
Total	—	—	—	—	—	—	—	—	—	—	—	—	862	862	0.14	0.02	—	870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience	—	—	—	—	—	—	—	—	—	—	—	—	28.3	28.3	< 0.005	< 0.005	—	28.6
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	21.7	21.7	< 0.005	< 0.005	—	22.0
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	3.63	3.63	< 0.005	< 0.005	—	3.66
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	25.0	25.0	< 0.005	< 0.005	—	25.2
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	37.5	37.5	0.01	< 0.005	—	37.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	26.5	26.5	< 0.005	< 0.005	—	26.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	143	143	0.02	< 0.005	—	144

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	0.01	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	58.0	58.0	0.01	< 0.005	—	58.1

Fast Food Restaurant with Drive Thru	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	229	229	0.02	< 0.005	—	229
Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.5
High Turnover (Sit Down Restaurant)	0.02	0.01	0.22	0.18	< 0.005	0.02	—	0.02	0.02	—	0.02	—	262	262	0.02	< 0.005	—	263
Supermarket	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.7	76.7	0.01	< 0.005	—	77.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	638	638	0.06	< 0.005	—	640
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	0.01	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	58.0	58.0	0.01	< 0.005	—	58.1
Fast Food Restaurant with Drive Thru	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	229	229	0.02	< 0.005	—	229
Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.5
High Turnover (Sit Down Restaurant)	0.02	0.01	0.22	0.18	< 0.005	0.02	—	0.02	0.02	—	0.02	—	262	262	0.02	< 0.005	—	263

Superm	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.7	76.7	0.01	< 0.005	—	77.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	638	638	0.06	< 0.005	—	640
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.60	9.60	< 0.005	< 0.005	—	9.62
Fast Food Restaurant with Drive Thru	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.8	37.8	< 0.005	< 0.005	—	37.9
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.06	2.06	< 0.005	< 0.005	—	2.07
High Turnover (Sit Down Restaurant)	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.4	43.4	< 0.005	< 0.005	—	43.6
Supermarket	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.7
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.01	0.10	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	106	106	0.01	< 0.005	—	106

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.24	0.22	0.01	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.54	5.54	< 0.005	< 0.005	—	5.56
Total	0.99	0.97	0.01	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.54	5.54	< 0.005	< 0.005	—	5.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.75	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	0.02	0.02	< 0.005	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.16	0.16	< 0.005	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	0.85	0.81	1.66	0.09	< 0.005	—	4.46
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	3.40	3.24	6.64	0.35	0.01	—	17.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.64	0.61	1.25	0.07	< 0.005	—	3.35
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.91	3.72	7.62	0.40	0.01	—	20.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	1.87	1.78	3.65	0.19	< 0.005	—	9.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.23	0.23	< 0.005	< 0.005	—	0.24
Total	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	0.85	0.81	1.66	0.09	< 0.005	—	4.46
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	3.40	3.24	6.64	0.35	0.01	—	17.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.64	0.61	1.25	0.07	< 0.005	—	3.35
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.91	3.72	7.62	0.40	0.01	—	20.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	1.87	1.78	3.65	0.19	< 0.005	—	9.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.23	0.23	< 0.005	< 0.005	—	0.24
Total	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	0.14	0.13	0.27	0.01	< 0.005	—	0.74
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	0.56	0.54	1.10	0.06	< 0.005	—	2.96
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.11	0.10	0.21	0.01	< 0.005	—	0.56

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.65	0.62	1.26	0.07	< 0.005	—	3.40
Supermarket	—	—	—	—	—	—	—	—	—	—	—	0.31	0.29	0.60	0.03	< 0.005	—	1.63
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.04	0.04	< 0.005	< 0.005	—	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	1.77	1.72	3.49	0.18	< 0.005	—	9.31

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	9.69	0.00	9.69	0.97	0.00	—	33.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	36.3	0.00	36.3	3.63	0.00	—	127
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	2.55	0.00	2.55	0.25	0.00	—	8.91
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	43.1	0.00	43.1	4.31	0.00	—	151

Superm	—	—	—	—	—	—	—	—	—	—	—	24.1	0.00	24.1	2.41	0.00	—	84.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	9.69	0.00	9.69	0.97	0.00	—	33.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	36.3	0.00	36.3	3.63	0.00	—	127
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	2.55	0.00	2.55	0.25	0.00	—	8.91
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	43.1	0.00	43.1	4.31	0.00	—	151
Superm arket	—	—	—	—	—	—	—	—	—	—	—	24.1	0.00	24.1	2.41	0.00	—	84.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	1.60	0.00	1.60	0.16	0.00	—	5.61

Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	6.02	0.00	6.02	0.60	0.00	—	21.0
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.48
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	7.13	0.00	7.13	0.71	0.00	—	25.0
Supermarket	—	—	—	—	—	—	—	—	—	—	—	3.99	0.00	3.99	0.40	0.00	—	13.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	19.2	0.00	19.2	1.91	0.00	—	67.0

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,240	1,240

Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.15	9.15
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.5	10.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,642	1,642
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,240	1,240
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.15	9.15
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.5	10.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,642	1,642

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	205	205
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.51	1.51
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.74	1.74
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	272	272
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	480	480

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	1/1/2025	1/14/2025	5.00	10.0	—
Grading	Grading	1/15/2025	2/11/2025	5.00	20.0	—
Building Construction	Building Construction	2/12/2025	10/1/2025	5.00	166	—
Paving	Paving	10/1/2025	10/28/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	8/15/2025	12/15/2025	5.00	87.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	11.9	LDA,LDT1,LDT2
Site Preparation	Vendor	—	9.10	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT

Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	11.9	LDA,LDT1,LDT2
Grading	Vendor	—	9.10	HHDT,MHDT
Grading	Hauling	12.4	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	11.2	11.9	LDA,LDT1,LDT2
Building Construction	Vendor	5.08	9.10	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.9	LDA,LDT1,LDT2
Paving	Vendor	—	9.10	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.23	11.9	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	9.10	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	46,458	15,486	19,613

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	15.0	0.00	—
Grading	1,984	0.00	1.50	0.00	—
Paving	0.00	0.00	0.00	0.00	7.50

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Convenience Market (24 hour)	0.00	0%
Fast Food Restaurant with Drive Thru	0.00	0%
Strip Mall	0.00	0%
Fast Food Restaurant with Drive Thru	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Supermarket	0.00	0%
Parking Lot	7.50	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O

2025	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Convenience Market (24 hour)	4,841	4,841	4,841	1,766,965	5,083	5,083	5,083	1,855,313
Fast Food Restaurant with Drive Thru	1,404	1,404	1,404	512,460	1,474	1,474	1,474	538,083
Strip Mall	286	286	286	104,390	300	300	300	109,610
Fast Food Restaurant with Drive Thru	1,521	1,521	1,521	555,165	1,597	1,597	1,597	582,923
High Turnover (Sit Down Restaurant)	720	720	720	262,800	756	756	756	275,940
Supermarket	713	713	713	260,245	749	749	749	273,257
Parking Lot	1,568	1,568	1,568	572,317	1,646	1,646	1,646	600,933

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	46,458	15,486	19,613

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Convenience Market (24 hour)	306,378	204	0.0330	0.0040	180,882
Fast Food Restaurant with Drive Thru	120,581	204	0.0330	0.0040	365,918
Strip Mall	39,204	204	0.0330	0.0040	38,815
Fast Food Restaurant with Drive Thru	114,438	204	0.0330	0.0040	347,275
High Turnover (Sit Down Restaurant)	269,752	204	0.0330	0.0040	818,594
Supermarket	405,585	204	0.0330	0.0040	239,452
Parking Lot	286,343	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Convenience Market (24 hour)	443,102	0.00
Fast Food Restaurant with Drive Thru	911,512	0.00
Strip Mall	333,326	0.00
Fast Food Restaurant with Drive Thru	865,071	0.00

High Turnover (Sit Down Restaurant)	2,039,139	0.00
Supermarket	976,161	0.00
Parking Lot	0.00	241,476

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Convenience Market (24 hour)	18.0	—
Fast Food Restaurant with Drive Thru	34.6	—
Strip Mall	4.73	—
Fast Food Restaurant with Drive Thru	32.8	—
High Turnover (Sit Down Restaurant)	79.9	—
Supermarket	44.7	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Convenience Market (24 hour)	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Convenience Market (24 hour)	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0

Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Supermarket	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Supermarket	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.2	annual days of extreme heat
Extreme Precipitation	3.80	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	47.0

AQ-PM	52.5
AQ-DPM	71.9
Drinking Water	68.8
Lead Risk Housing	21.7
Pesticides	78.1
Toxic Releases	21.0
Traffic	47.3
Effect Indicators	—
CleanUp Sites	22.6
Groundwater	53.1
Haz Waste Facilities/Generators	47.6
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	75.0
Cardio-vascular	84.2
Low Birth Weights	7.95
Socioeconomic Factor Indicators	—
Education	69.0
Housing	35.3
Linguistic	46.5
Poverty	63.8
Unemployment	39.2

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	46.55460028
Employed	66.08494803
Median HI	43.85987425
Education	—
Bachelor's or higher	17.25907866
High school enrollment	23.00782754
Preschool enrollment	57.19235211
Transportation	—
Auto Access	52.22635699
Active commuting	39.40716027
Social	—
2-parent households	29.88579494
Voting	55.20338766
Neighborhood	—
Alcohol availability	54.80559476
Park access	45.10458103
Retail density	36.14782497
Supermarket access	10.07314256
Tree canopy	62.6331323
Housing	—
Homeownership	54.20248941
Housing habitability	51.98254844
Low-inc homeowner severe housing cost burden	37.0973951
Low-inc renter severe housing cost burden	32.34954446
Uncrowded housing	48.81303734
Health Outcomes	—
Insured adults	50.93032208
Arthritis	0.0

Asthma ER Admissions	45.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	37.4
Cognitively Disabled	46.5
Physically Disabled	25.6
Heart Attack ER Admissions	32.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	47.4
Elderly	76.6
English Speaking	49.2
Foreign-born	38.8

Outdoor Workers	22.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	35.2
Traffic Density	48.5
Traffic Access	0.0
Other Indices	—
Hardship	58.1
Other Decision Support	—
2016 Voting	42.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0
Healthy Places Index Score for Project Location (b)	45.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	No demolition, longer construction period.
Construction: Dust From Material Movement	Info from client.
Construction: Off-Road Equipment	—
Operations: Vehicle Data	Trip gen per traffic study. Assumed 50% pass-by trips and 50% diverted trips; per traffic study, "The Maverik Gas Station project is not likely to increase VMT significantly as majority of the motorists would utilize the facility on their way to another destination."
Operations: Fleet Mix	Parking Lot = Truck Stop trips (assumed 100% HHD)
Land Use	Based on site plan.

APPENDIX B

HEALTH RISK ASSESSMENT

Health Risk Assessment

Maverik Lodi Project

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January 2025

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Appendix A: Modeling Data

List of Abbreviated Terms

A	absorption factor from inhalation
ACES	Advanced Collaborative Emissions Study
ASF	age sensitivity factor
AB	Assembly Bill
APN	Assessor's Parcel Number
APS	auxiliary power system
AT	averaging time
ATCM	Airborne Toxic Control Measure
CARB	California Air Resources Board
CCAA	California Clean Air Act
CEQA	California Environmental Quality Act
CPF	cancer potency factor
C_{air}	air concentration from model
C_i	air concentration of substance
cy	cubic yards
DBR	daily breathing rate
DOORS	Diesel Off-Road Reporting System
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
Dose-air	dose through inhalation
EMFAC	Emission Factors Model
ED	exposure duration
EF	exposure frequency
°F	degrees Fahrenheit
FCAA	Federal Clean Air Act
FAH	fraction of time spent at home
g/hp-hr	grams per horsepower-hour
GVWR	gross vehicle weight rating
HAP	hazardous air pollutant
HRA	health risk assessment
kg	Kilogram
L	Liter
µm	micrometer
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Resident
mg	Milligrams
$\mu g/m^3$	micrograms per cubic meter
MSAT	Mobile Source Air Toxic
NAAQS	National Ambient Air Quality Standards
NED	National Elevation Dataset
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NMHC	nonmethane hydrocarbon
NO2	nitrogen dioxide

List of Abbreviated Terms (Continued)

NO_X	nitrogen oxides
O_3	Ozone
OEHHA	Office of Environmental Health Hazard Assessment
PM	particulate matter
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
PERP	Portable Equipment Registration Program
REL	Reference Exposure Level
REL_i	Reference Exposure Level of substance
$Risk_{inh\text{-}res}$	residential inhalation cancer risk
SB	Senate Bill
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SF	square foot
T-BACT	toxics best available control technology
TAC	Toxic Air Contaminant
U.S. EPA	United States Environmental Protection Agency
VMT	vehicle miles traveled

1 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TACs) resulting from implementation of the proposed Maverik Lodi Project ("Project"). This HRA was prepared in accordance with San Joaquin Valley Air Pollution Control District (SJVAPCD) requirements and Office of Environmental Health Hazard Assessment (OEHHA) guidance to determine if health risks are likely to occur from the Project. Technical data are included in Appendix A: Modeling Data.

1.1 Project Location

The Project involves the development of an approximate 8.61-acre vacant parcel (Assessor Parcel Number [APN] 061-020-15) located in unincorporated San Joaquin County, California. The Project site is located at the edge of the central eastern boundary of the City of Lodi, directly east of the Highway 99 northbound off ramp at East Kettleman Way (Exit 264B); refer to Figure 1: Regional Vicinity. Specifically, the Project site is located directly south of the East Kettleman Lane and Beckman Road intersection; refer to Figure 2: Site Vicinity.

1.2 Project Description

The Project site is proposed to be zoned General Commercial within the City of Lodi with annexation and to have two separate uses: a convenience store with fueling areas and a small-scale commercial center. Convenience stores, retail sales, professional services, and business support services are allowed by right under the City of Lodi Development Code. The likely uses will include: a service station, auto-related services, restaurants (sit down and quick-service), coffee, grocery, and pharmacy; refer to Table 1: Building Site Summary and Figure 3: Conceptual Site Plan. A gas station would require a Use Permit in this zoning.

Table 1: Building Site Summary

Building Use	Total Building (sf)
Convenience Store	5,982
Drive-Thru Restaurant	3,003
Commercial Retail	2,047
Coffee Drive-Thru	2,850
Commercial	2,453
Dine-In Restaurant	6,718
Grocery/Drug Store	7,919

sf = square feet

The proposed convenience store and fueling area (i.e. Maverik Station) sits on approximately 3.59 acres. The convenience store would consist of approximately 5,982 square feet, located on the western portion of the Project site. The Maverik Station would include seven (7) fuel dispensers to the north of the convenience store and five (5) additional dispensers for commercial fueling to the

south of the convenience store, for a total of 14 fueling positions on site. The store will operate 24 hours a day, 7 days a week.

The proposed commercial center totals approximately 24,990 square feet on approximately 5.02 acres and includes parking and sitting areas around the site. The grocery/drug store building would be approximately 7,919 square feet, the dine-in restaurant building would be approximately 6,718 square feet, the commercial building would be approximately 2,453 square feet, and the commercial retail building would be approximately 2,047 square feet; refer to Table 1. As further shown in Table 1, the drive-thru buildings would be approximately 5,853 square feet. For the purposes of this analysis, the commercial center uses were assumed to operate 24 hours a day, 7 days a week.

Traffic Access

The Project site proposes extension of Beckman Road East from south of Kettleman Lane to the southern Project boundary. The proposed Beckman Road East extension will have two (2) full access driveways for the Maverik station and two (2) full access driveways for the commercial center. The Maverik station is also proposed to have one (1) right in/right out access on Kettleman Lane and two (2) full access driveways on the existing Beckman Road along the Project's western boundary.

Construction

Construction of the Project is anticipated to begin in January 2025 with a construction duration of approximately 12 months. Grading activities would require approximately 1,984 cubic yards of import. Project construction would require the following phases: site preparation, grading, paving, building construction, and architectural coatings.

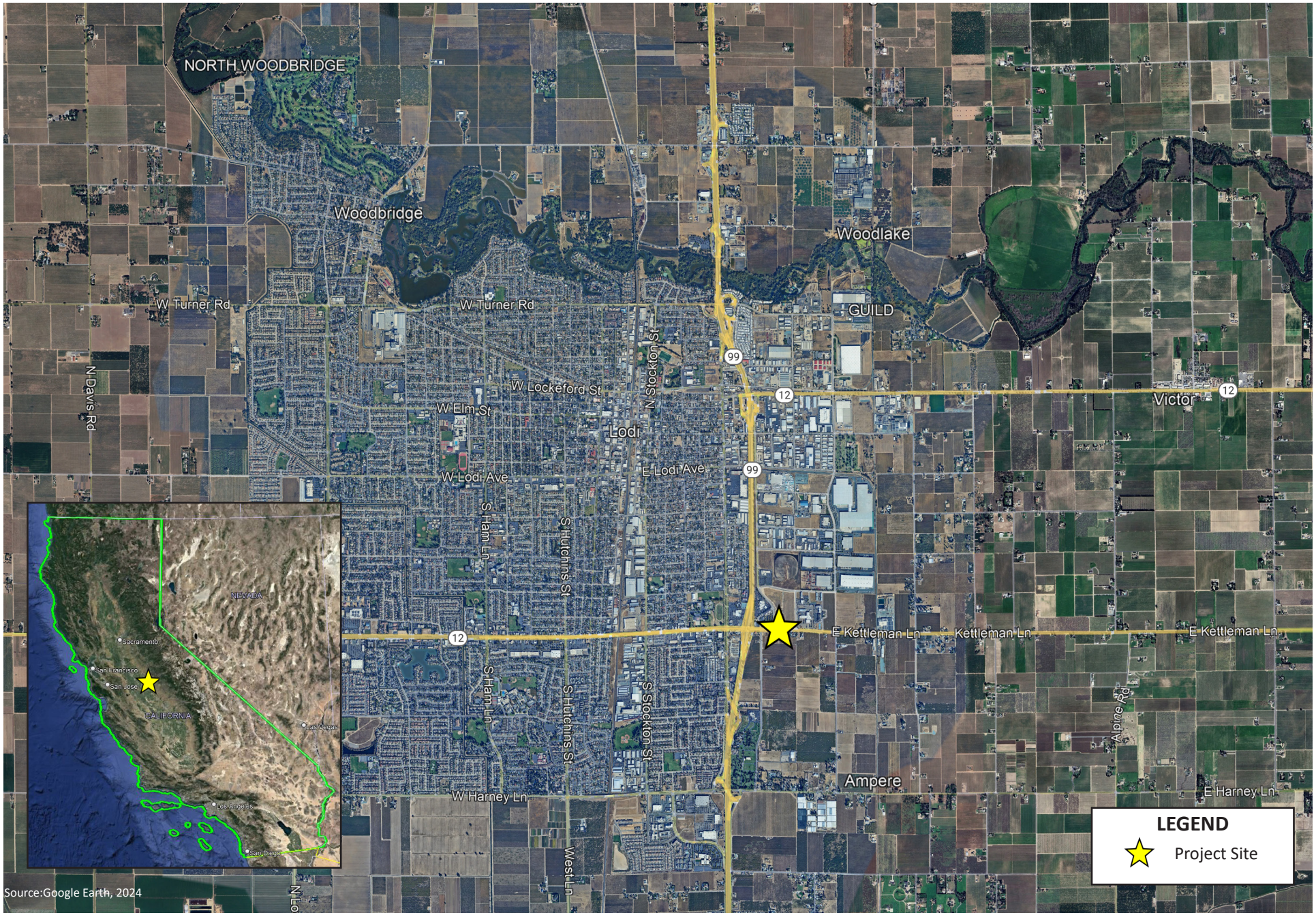


Exhibit 1: Regional Vicinity

Maverik Lodi Project

Not to scale

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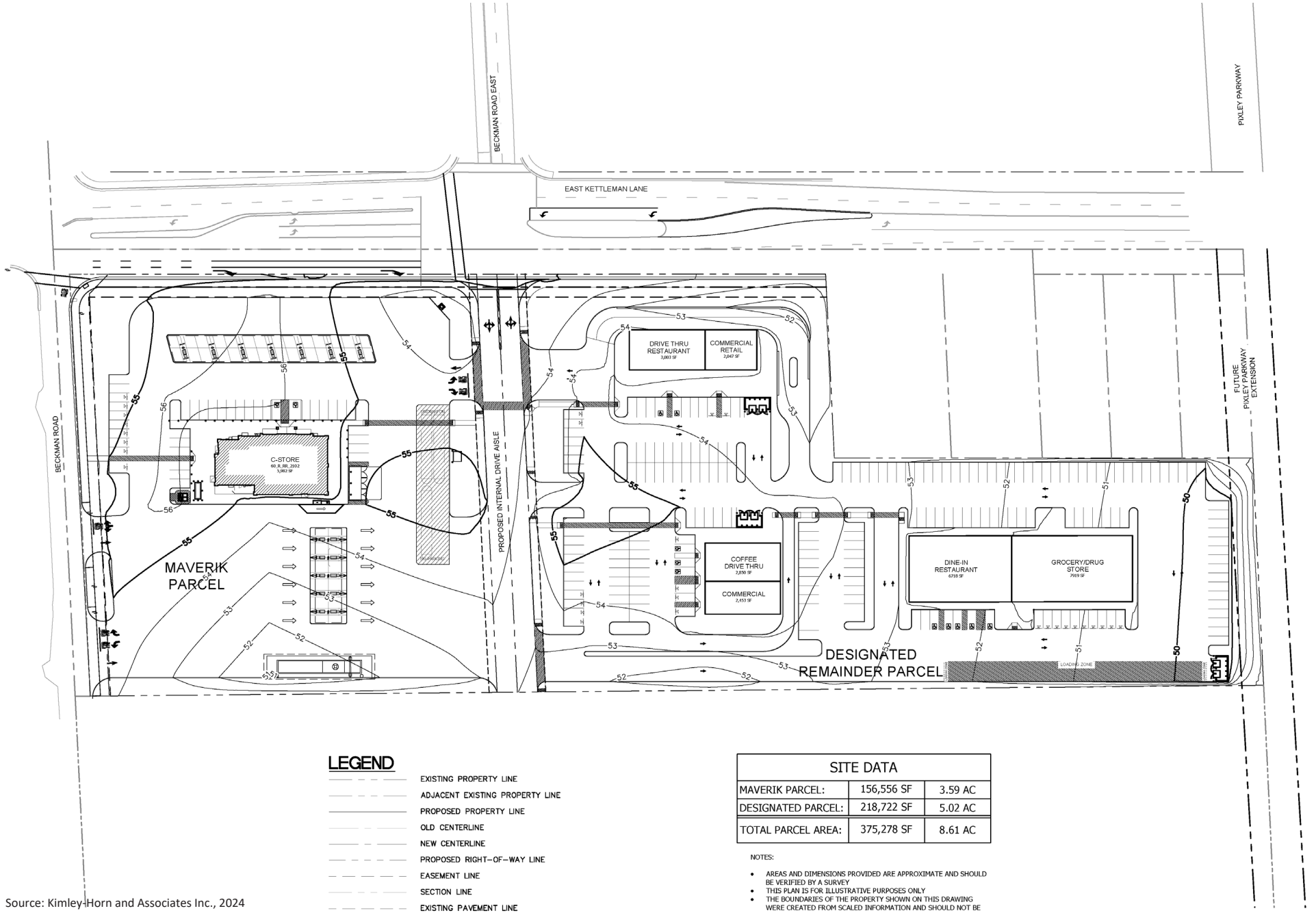


Exhibit 2: Site Vicinity

Maverik Lodi Project

Not to scale

Kimley»Horn



LEGEND

- EXISTING PROPERTY LINE
- ADJACENT EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- OLD CENTERLINE
- NEW CENTERLINE
- PROPOSED RIGHT-OF-WAY LINE
- EASEMENT LINE
- SECTION LINE
- EXISTING PAVEMENT LINE

SITE DATA		
MAVERIK PARCEL:	156,556 SF	3.59 AC
DESIGNATED PARCEL:	218,722 SF	5.02 AC
TOTAL PARCEL AREA:	375,278 SF	8.61 AC

NOTES:

- AREAS AND DIMENSIONS PROVIDED ARE APPROXIMATE AND SHOULD BE VERIFIED BY A SURVEY
- THIS PLAN IS FOR ILLUSTRATIVE PURPOSES ONLY
- THE BOUNDARIES OF THE PROPERTY SHOWN ON THIS DRAWING WERE CREATED FROM SCALED INFORMATION AND SHOULD NOT BE CONSIDERED ACCURATE.

Source: Kimley-Horn and Associates Inc., 2024

Exhibit 3: Conceptual Site Plan

Maverik Lodi Project

Not to scale

Kimley»Horn

2 ENVIRONMENTAL SETTING

2.1 Climate

The Project site is located within the San Joaquin Valley Air Basin (SJVAB), which covers eight counties: Fresno, Kern (western and central), Kings, Madera, Merced, San Joaquin, Stanislaus, and Tulare. The SJVAB is characterized by flat terrain surrounded by the Sierra Nevada Mountains to the east, the Coast Range to the west, and the Tehachapi Mountains to the south, creating a natural basin that traps pollutants. The basin experiences long, hot, dry summers and cool winters, with limited airflow that results in poor dispersion of air pollutants. The wind pattern predominantly flows northwest to southeast along the valley axis, with frequent temperature inversions during both summer and winter that exacerbate air quality issues. These conditions, coupled with significant emissions from anthropogenic sources, contribute to the region's ongoing challenges with ozone and particulate pollution.

2.2 Toxic Air Contaminants

Toxic Air Contaminants (TAC) are airborne substances capable of causing short-term (acute) and long-term (chronic or carcinogenic, i.e., cancer-causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Hazardous Air Pollutants (HAP) is a term used by the Federal Clean Air Act (FCAA) that includes a variety of pollutants generated or emitted by industrial production activities. Identified as TACs under the California Clean Air Act (CCAA), ten have been singled out through ambient air quality data as being the most substantial health risk in California. Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The California Air Resources Board (CARB) provides emission inventories for only the larger air basins.

TACs do not have ambient air quality standards because no safe levels of TACs can be determined. Instead, TAC impacts are evaluated by calculating the health risks associated with a given exposure. The Air Toxic “Hot Spots” Information and Assessment Act (Assembly Bill [AB] 2588) requirements apply to facilities that use, produce, or emit toxic chemicals. Facilities subject to AB 2588 toxic emission inventory requirements must prepare and submit toxic emission inventory plans and reports, and periodically update those reports.

Toxic contaminants often result from fugitive emissions during fuel storage and transfer activities, and from leaking valves and pipes. For example, the electronics industry, including semiconductor manufacturing, uses highly toxic chlorinated solvents in semiconductor production processes. Sources of air toxics go beyond industry, however. Automobile exhaust also contains toxic air pollutants such as benzene and 1,3-butadiene.

In California, on-road diesel-fueled engines contribute approximately 24 percent of the Statewide total DPM, with an additional 71 percent attributed to other mobile sources such as construction

and mining equipment, agricultural equipment, and transport refrigeration units. Stationary sources contribute approximately 5.0 percent of total DPM. It is noted that CARB has developed several plans and programs to reduce diesel emissions such as the Diesel Risk Reduction Plan (DRRP), the Statewide Portable Equipment Registration Program (PERP), and the Diesel Off-Road Reporting System (DOORS). The PERP and DOORS programs allow owners or operators of portable engines and certain other types of equipment to register their units to operate their equipment throughout California without having to obtain individual permits from local air districts.

As noted above, diesel exhaust and the many individual substances it contains (e.g., arsenic, benzene, formaldehyde, and nickel) could contribute to mutations in cells that can lead to cancer. Long-term exposure to diesel exhaust particles poses the highest cancer risk of any TAC evaluated by OEHHA. CARB estimates that approximately 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from diesel exhaust particles.

In its comprehensive assessment of diesel exhaust, OEHHA analyzed more than 30 studies of people who worked around diesel equipment, including truck drivers, railroad workers, and equipment operators. The studies showed these workers were more likely to develop lung cancer than workers not exposed to diesel emissions. These studies provide strong evidence that long-term occupational exposure to diesel exhaust increases the risk of lung cancer. Using information from OEHHA's assessment, CARB estimates that diesel particle levels measured in California's air in 2000 could cause 540 "excess" cancers in a population of one million people over a 70-year lifetime. Other researchers and scientific organizations, including the National Institute for Occupational Safety and Health, have calculated cancer risks from diesel exhaust similar to those OEHHA and CARB developed.

Exposure to diesel exhaust can have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks.

The elderly and people with emphysema, asthma, and chronic heart and lung disease are especially sensitive to fine-particle pollution. Numerous studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems. Because children's lungs and respiratory systems are still developing, they are also more susceptible than healthy adults to fine particles. Exposure to fine particles is associated with an increased frequency of childhood illnesses and can also reduce lung function in children. In California, diesel exhaust particles have been identified as a carcinogen.

2.3 Sensitive Receptors

Sensitive populations are more susceptible to air pollution effects than the general population. Sensitive receptors that are in proximity to localized TAC sources are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.

The nearest sensitive receptors to the Project site are listed in Table 2: Sensitive Receptors. Table 2 shows that the nearest sensitive receptors to the Project site are the single-family residential receptors located adjacent to the northeast.

Table 2: Sensitive Receptors

Receptor Description	Distance[1] and Direction from the Project
Single-family Residential	Adjacent to the northeast
Single-family Residential	75 feet to the west
Single-family Residential	530 feet to the south
Single-family Residential	948 feet to the east
Lodi Seventh-Day Adventist Elementary School	1,338 feet to the northwest

1. Distance measured from the property line of the Project site to the nearest receptor property line.

Source: Google Earth, 2024.

3 REGULATORY SETTING

3.1 Federal

Federal Clean Air Act

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as Hazardous Air Pollutants (HAPs), and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health and included benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts more subjective.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for NAAQS attainment and maintenance were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

FCAA Amendments Section 112 governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs is not based on health risk

considerations because allowable releases and resulting concentrations have not been determined to be safe for the general public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.[1] The particulate matter (PM) emission standard of 0.01 gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the oxides of nitrogen (NO_X) and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively, were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010. In December 2022, the EPA final rule set new, more stringent standards to reduce NO_X pollution from heavy-duty vehicles and engines starting in model year 2027. The rule will reduce NO_X emissions from heavy-duty trucks by almost 50 percent by 2045, producing significant health-related benefits.[2]

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4 standards require that emissions of PM and NO_X be further reduced by about 90 percent from Tier 3 standards.

3.2 State of California

California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and set forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions.

CARB also administers the State's mobile source emissions control program and oversees air

[1] United States Environmental Protection Agency (U.S. EPA), Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

[2] United States Environmental Protection Agency (U.S. EPA), Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, s 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090. January 24, 2023.

quality programs established by State statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High-priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, are required to communicate the results to the public in the form of notices and public meetings. In September 1992, AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline.[3] CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing Statewide cancer risk and non-cancer health effects.[4] The DRRP includes regulations to establish cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. CARB is currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. CARB is currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce NO_X and PM emissions from new, off-road compression-ignition (CI) engines, by an additional 50 percent to 90 percent, compared to what is allowed by today's Tier 4 final emission standards.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline.[5] CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[6] The DRRP includes regulations for cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce PM and NO_X emissions from existing diesel vehicles operating in California. The regulation requires diesel

[3] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

[4] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed January 2024.

[5] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

[6] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed January 2024.

trucks and buses that operate in California to be upgraded to reduce emissions. Heavier trucks were required to be retrofitted with PM filters beginning January 1, 2012, and older trucks were required to be replaced starting January 1, 2015. Effective January 1, 2023, nearly all trucks and buses are required to have 2010 model year engines or equivalent.

The regulation applies to most privately and federally-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to DPM and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles including transportation refrigeration units (TRUs). The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). On February 24, 2022, CARB approved amendments to the TRU ATCM (2022 Amendments) to achieve additional emission and health risk reductions from diesel-powered TRUs and increase the use of zero emission technology in the off-road sector. The 2022 Amendments will help meet the State's multiple risk reduction, air quality, and climate goals, as well as the directive of Executive Order N-29-20, which set a goal for 100 percent zero-emission off-road vehicles and equipment in the State by 2035.

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle and off-road idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

California Energy Commission - Title 24 Building Energy Efficiency Standards

The Energy Efficiency Standards for Residential and Nonresidential Buildings, as specified in California Code of Regulations (CCR) Title 24 Part 6, were established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies

and methods. The 2022 Energy Standards include requirements for mandatory mechanical ventilation intended to improve indoor air quality in homes and requirements for Minimum Efficiency Reporting Value (MERV) 13 air filtration on space conditioning systems, and ventilation systems that provide outside air to a dwelling's occupiable space. The Residential Compliance Manual for the 2022 Building Energy Efficiency Standards notes that air filter efficiencies of at least MERV 13 protect occupants from exposure to the smaller airborne particles (i.e., $PM_{2.5}$) that are known to adversely affect respiratory health. CCR Title 24 Part 6 requires a particle size efficiency rating equal to or greater than 85 percent in the 1.0 to 0.3 micrometer (µm) range.

CalEnviroScreen

OEHHA has developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities that are most affected by various pollution sources, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score experiences a much higher pollution burden than areas with low scores.

According to CalEnviroScreen, the Project site and the nearest sensitive receptors (i.e., single-family residential uses located adjacent to the east and approximately 75 feet to the west) are within Census Tract 6077004402, which is within the 59th percentile.[7] It is noted that the CalEnviroScreen scores are relative to other census tracts and are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

CARB Advanced Clean Truck Regulation

CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission "last-mile" delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium- and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components (a manufacturer sales requirement and a reporting requirement), as follows:

- Zero-Emission Truck Sales: Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.

[7] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0 Results (October 2021 Update)*, https://experience.arcgis.com/experience/11d2f52282a54ceebcac7428e6184203/page/CalEnviroScreen-4_0/, accessed January 2025.

- Company and Fleet Reporting: Large employers including retailers, manufacturers, brokers, and others would be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

Advanced Clean Cars I and II

Advanced Clean Cars combines several regulations into one package including the Low-Emission Vehicle (LEV) criteria and greenhouse gas regulations and the zero-emission vehicle (ZEV) regulation. Advanced Clean Cars I was adopted by CARB in 2012 and Advanced Clean Cars II was adopted in 2022. These regulations rapidly scale down emissions of light-duty passenger cars, pickup trucks and SUVs and require an increased number of zero-emission vehicles to meet air quality and climate change emissions goals. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions. The Advanced Clean Cars II regulations take the state's already growing zero-emission vehicle market and robust motor vehicle emission control rules and augments them to meet more aggressive tailpipe emissions standards and ramp up to 100 percent zero-emission vehicles.

CARB Advanced Clean Fleets Regulation

CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, requiring fleet owners to begin transitioning toward ZEVs starting in 2024. Due to the impact that truck traffic has on residents living near heavily trafficked corridors, drayage trucks will need to be zero-emissions by 2035. All other fleet owners have the option to transition a percentage of their vehicles to meet expected zero-emission milestones, which gives owners the flexibility to continue operating combustion-powered vehicles as needed during the move toward cleaner technology.

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium- and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero-emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities to meet carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which CARB adopted in July 2020.

Senate Bill 535

Senate Bill (SB) 535 directs 25 percent of the proceeds from the Greenhouse Gas Reduction Fund (i.e., funds from the AB 32 cap-and-trade program) to go to projects that provide a benefit to

disadvantaged communities (DACs) (as identified by the OEHHA mapping). These funds must be used for programs that further reduce greenhouse gas emissions. Funding programs that reduce greenhouse gas emissions would also potentially reduce exposure to other emissions including TACs. Based on OEHHA mapping, the Project site is not within an SB 535 designated disadvantaged community.[8] SB 535 does not include project-specific requirements or prohibit developments in proximity to the designated communities.

Gasoline Dispensing Facility Vapor Recovery Regulations

Since 2001, CARB has adopted a number of significant enhancements to gasoline dispensing facilities' (GDFs') vapor recovery systems. These efforts are necessary to ensure the continued effective operation of the vapor recovery systems during the transfer and dispensing of gasoline at these facilities.

Vapor recovery systems collect gasoline vapors that would otherwise escape into the atmosphere during fuel delivery to the underground storage tanks (Phase I) or fuel storage and vehicle fueling (Phase II). The Enhanced Vapor Recovery (EVR) regulations became state law on April 1, 2001. These regulations provide more stringent requirements for vapor recovery systems in order to reduce gasoline vapor emissions.[9]

CARB Air Quality and Land Use Handbook – Gasoline Dispensing Facilities

The CARB *Air Quality and Land Use Handbook* (2005) recommends avoiding siting new sensitive land uses within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater).[10] A 50-foot separation is recommended for typical gas dispensing facilities. CARB notes that a typical gasoline dispensing facility in California dispenses under 3.6 million gallons of gasoline per year. The cancer risk for a typical facility is likely to be less than 10 in a million at the fence line under urban air dispersion conditions.

Gasoline Service Station Industrywide Risk Assessment Technical Guidance

CARB and the California Air Pollution Control Officers Association (CAPCOA) developed the 2021 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Manual (Technical Guidance) based on health analyses conducted to evaluate the health impacts of emissions from gasoline service stations operating throughout the state. The Technical Guidance provides an update to the CAPCOA Air Toxics "Hot Spots" Program Gasoline Service Station Industrywide Risk Assessment Guidelines (1997). The Technical Guidance also provides recommended procedures for preparing gas station emission inventories and HRAs to meet the requirements of individual facilities subject to AB 2588.

[8] California Office of Environmental Health Hazard Assessment, *SB 535 Disadvantaged Communities (2022 Update)*, https://oehha.ca.gov/calenviroscreen/sb535, accessed January 2025.

[9] The project would be required to comply with the State's Gasoline Dispensing Facility Vapor Recovery Regulations.

[10] The proposed Project would have a maximum anticipated throughput of approximately 4.9 million gallons per year.

Gasoline Service Station Industrywide Risk Assessment Supplemental Policy Guidance Document

CARB developed the 2022 *Gasoline Service Station Industrywide Risk Assessment Supplemental Policy Guidance Document* (Supplemental Policy Guidance or Guidance) to provide recommendations regarding public policy for gas stations and discuss potential community-scale health impacts caused by gas station emissions. In addition to discussing community-scale health impacts, the Supplemental Policy Guidance provides considerations and recommendations for the siting and permitting of new and modified gas stations. The Guidance also outlines the significant challenges in addressing cumulative impacts from multiple sources of gas stations and other sources.

3.3 Regional

San Joaquin Valley Air Pollution Control District

The San Joaquin Valley Air Pollution Control District (SJVAPCD) is the regional agency responsible for managing air quality within the SJVAB. Since the 1980s, the SJVAPCD has regulated TACs and implements State and federal air quality standards, including CEQA guidance, to evaluate project impacts. Under its permitting authority, the SJVAPCD enforces regulations such as Best Available Control Technology (BACT) for new or modified sources emitting pollutants. The SJVAPCD prioritizes regulation of TAC-emitting sources based on emissions toxicity and proximity to sensitive receptors, ensuring public health protection.

The CCAA provides the SJVAPCD with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources refer to multiple minor emitters that collectively contribute to significant pollution, such as motor vehicles at intersections or highways. At the State level, CARB regulates emissions from motor vehicles and fuels, complementing the SJVAPCD's efforts to reduce air pollution and protect air quality in the region.

SJVAPCD Rule 4622 - Gasoline Transfer Into Motor Vehicle Fuel Tanks

This rule requires gasoline dispensing facilities to use certified vapor recovery systems to minimize emissions during the transfer of gasoline into motor vehicle fuel tanks. It applies to the transfer of gasoline from storage tanks or mobile fuelers into motor vehicle fuel tanks. Facilities must ensure that vapor recovery systems are properly installed and maintained to comply with emission standards.

Vapor recovery systems must be tested by certified testing companies or contractors. Testing is required within 10 calendar days of the initial operation of the dispensing equipment. Subsequent testing must occur annually for facilities with a monthly throughput of less than 100,000 gallons or semi-annually for facilities with a throughput of 100,000 gallons or more.

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. While the final determination of significance thresholds is within the Lead Agency's purview pursuant to the State CEQA Guidelines, the SJVAPCD recommends that lead agencies use the following air pollution thresholds in determining whether a project's impacts are significant. If the lead agency finds that the project has the potential to exceed the air pollution thresholds, a project's impacts should be considered significant. The TAC emissions thresholds are as follows.[11]

- **Cancer Risk (Individual):** Emit contaminants that result in a maximum individual incremental cancer risk equal to or greater than 20 in one million.
- **Non-Cancer Risk:** Emit contaminants that result in a chronic or acute hazard index equal to or greater than 1.0 (project increment).

Cancer risk is expressed in terms of expected incremental incidence per million population. The SJVAPCD has established an incidence rate of 20 persons per million as the maximum acceptable incremental cancer risk due to TAC exposure. This threshold is an upper-bound incremental probability to determine whether or not a given project has a potentially significant development-specific and cumulative impact and to ensure an individual new source does not contribute a cumulatively significant impact. The 20 in one million standard is a health-protective significance threshold. A risk level of 20 in one million implies a likelihood that up to 20 persons, out of one million equally exposed persons, would contract cancer if exposed continuously (24 hours per day) to the TAC levels over a specified duration of time. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these TACs.

The SJVAPCD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). A REL is a concentration at or below which health effects are not likely to occur. A hazard index of less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

4.2 Methodology

This HRA was prepared in accordance with SJVAPCD guidance which largely follows OEHHA but includes some notable local preferences. This HRA evaluates potential health risks associated with the emission of DPM and benzene resulting from Project implementation. Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known TAC. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. Operational activities would also emit TACs from the use of heavy-duty diesel trucks,

[11] San Joaquin Valley Unified Air Pollution Control District, *APR -1906 Framework for Performing Health Risk Assessments*, revised February 12, 2020.

fueling activities, and vehicles idling at drive-thru restaurants.

Construction Sources

Construction would generate DPM emissions from the use of off-road diesel equipment required for site preparation, grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary TAC of concern because it is the most potent TAC emitted from construction and includes hundreds of chemicals. Although DPM is a subset of PM_{10} exhaust, the analysis conservatively assumes all PM_{10} exhaust emissions are DPM. On-road diesel-powered haul trucks traveling to and from the construction site to deliver materials and equipment were included in the analysis, although they are typically less of a concern because they would not stay on the site for long durations.

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the Project site. In compliance with state law (Section 2485 and Section 2449 of Title 13 of the California Code of Regulations), construction activities would limit diesel construction truck/equipment idling to no more than five minutes, which would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense period of construction, DPM emissions would be generated from different locations on the Project site rather than in a single location because different types of construction activities (e.g., site preparation and building construction) would not occur at the same place at the same time. Construction emission rates for PM_{10} (DPM) were calculated using the California Emissions Estimator Model (CalEEMod); refer to Appendix A. Project construction is proposed to occur in 2025 over approximately 12 months.

Operational Sources

As previously described, CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from diesel exhaust particles. This HRA also evaluates potential health risks associated with the emission of benzene. Out of the toxic compounds emitted from the gasoline stations, benzene, ethylbenzene, and naphthalene have cancer toxicity values. However, benzene is the TAC which drives the risk, accounting for 87 percent of cancer risk from gasoline vapors and constitutes more than three to four times the weight of gasoline than ethylbenzene and naphthalene, respectively. Therefore, ethylbenzene and naphthalene have not been modeled and are instead considered significant in the case that benzene emissions are significant. Additionally, there are substances emitted from gasoline stations, such as toluene and xylene which possess acute adverse health effects (though not cancer risk). However, it is not until the benzene concentrations are more than two orders of magnitude above the 10 per million cancer risk that the emissions of toluene and xylene begin to cause adverse health effects, according to the California Air Pollution Control Officers Association's (CAPCOA) *Gasoline Service Station Industrywide Risk Assessment Guidelines*. Therefore, toluene and xylene emissions have not been modeled and are instead considered significant in the case that benzene concentrations are identified at two orders of magnitude above the 10 per million cancer risk.

Fueling Sources. Benzene emissions would occur from the proposed on-site fuel storage tanks and fuel dispensers. The specific processes associated with fuel storage tanks and fuel dispensers that emit air toxics include loading, breathing, refueling, and spillage, as described below:

- Loading – Emissions occur when a fuel tanker truck unloads gasoline into the storage tanks. The storage tank vapors, displaced during loading, are emitted through its vent pipe. A required pressure/vacuum valve installed on the tank vent pipe significantly reduces these emissions.
- Breathing – Emissions occur through the storage tank vent pipe as a result of temperature and pressure changes in the tank vapor space.
- Refueling – Emissions occur during motor vehicle refueling when gasoline vapors escape through the vehicle/nozzle interface.
- Spillage – Emissions occur from evaporating gasoline that spills during vehicle refueling.

Fuel dispensing facility emissions were computed based on the maximum anticipated throughput of fuel (i.e., approximately 4.9 million gallons per year). Emissions of benzene, which is a TAC, were computed using CARB emission factors for fuel dispensing facilities and assuming that benzene makes up 0.46 percent of gasoline vapor.[12] Total benzene emissions were calculated at 0.0024 pounds per hour; refer to Appendix A for the details of the calculations. The emission factors conservatively do not reflect control technologies required by any vapor recovery regulations later than 2013 (such as Certification Procedure for Vapor Recovery Systems for Enhanced Conventional [ECO] Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities [CP-207], Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities [CP-201]). These emissions factors are currently being updated by CARB.

Mobile Sources. Due to the increased vehicle traffic from the Project, the resulting emissions could also result in pollutant concentrations at existing sensitive receptors. Average daily trips from truck traffic to the Project site were obtained from the *Lodi Maverik Gas Station Traffic Study Technical Memorandum* (Traffic Memo), prepared by GHD (dated September 30, 2024). In addition, six daily heavy-duty delivery truck trips were assumed to access the Project site and serve the commercial center (i.e., drive-thru restaurant, commercial retail, coffee drive-thru, commercial, dine-in restaurant, and grocery/drug store). Emission rates for PM_{10} (DPM) were calculated using trip data and a CARB 2021 EMission FACtors model (EMFAC) model run for San Joaquin County; refer to Appendix A. EMFAC generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of vehicle speed and type. The model was run for heavy-duty diesel vehicles traveling along off-site roads, circulating the Project site, and idling at proposed loading areas and the truck fueling area.

Emergency Backup Generators. As the proposed commercial center is speculative, it is unknown whether emergency backup generators would be used. However, one backup generator was assumed for the proposed Maverik Station. Backup generators would only be used in the event of a

[12] California Air Pollution Control Officers Association, *Gasoline Service Station Industrywide Risk Assessment Technical Guidance*, September 2021.

power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with one backup generator for the proposed Maverik Station was included to be conservative. If a backup generator is required, the end user would be required to obtain a permit from the SJVAPCD prior to installation. Emergency backup generators must meet SJVAPCD's Best Available Control Technology (BACT) requirements and comply with SJVAPCD rules related to generators, which would minimize emissions.

Dispersion Modeling

The HRA's construction and operational air dispersion modeling was performed using the American Meteorological Society (AMS) and U.S. Environmental Protection Agency (EPA) Regulatory Model (AERMOD). 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. AERMOD estimates hourly concentrations for each source/receptor pair and calculates concentrations for user-specified averaging times, including an average concentration for the complete simulation period. AERMOD includes atmospheric dispersion options for both urban and rural environments and can address flat, gently rolling, and complex terrain situations. The modeling and analysis were prepared in accordance with the SJVAPCD Modeling Guidance for AERMOD.[13] The parameters used in AERMOD include the following:

- **Meteorological Data.** AERMOD requires hourly meteorological data consisting of wind vectors, wind speed, temperature, atmospheric stability, and mixing height. The latest 5-year meteorological data set for the Stockton Monitoring Station (Station 23237) was obtained from the SJVAPCD.[14] Surface and upper air meteorological data from this station were selected as being the most representative of meteorology based on proximity to the Project site, as well as terrain, surrounding land uses, and surface characteristics.
- **Project Sources**. Both construction and operational emission sources were modeled in AERMOD. The following discusses emission sources for construction and operations:
    - Construction Sources. The model's emission sources are line volume sources (comprised of smaller adjacent volume sources) for on-site construction and off-site haul truck operations. Off-road construction equipment operating on-site and on-road construction equipment (hauling materials to and from the Project site) were assigned a release height of 12.7 feet (3.9 meters) and a plume height of 25.5 feet (7.8 meters) based on a vehicle height of 15 feet (4.6 meters). The methodology used to determine release and plume heights was based on U.S. EPA guidance for vehicle volume sources.[15]

[13] San Joaquin Valley Unified Air Pollution Control District, *San Joaquin Valley Unified Air Pollution Control District Guidance for Assessing and Mitigating Air Quality Impacts*, March 19, 2015; and San Joaquin Valley Unified Air Pollution Control District, *AB 2588 Health Risk Assessment Modeling Protocol Guidance*, https://ww2.valleyair.org/media/fpgio1g5/ab-2588-hra-modeling-protocol-guidance-for-external-distribution.pdf, accessed January 2025.

[14] San Joaquin Valley Air Pollution Control District, *Meteorological Data*, https://ww2.valleyair.org/permitting/air-dispersion-modeling/meteorological-data/, accessed December 2024.

[15] U.S. EPA. 2012. *Haul Road Workgroup Final Report*, https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf, accessed January 2025.

- Operational Sources. Emission sources used in AERMOD include line-volume, area, and point sources. Truck travel emissions were represented in the model via line-volume sources along local roads and circulating on-site for the Maverik Station. Emissions from heavy trucks were assigned a release height of 5 meters and a plume height of 10 meters. Area sources were modeled to represent refueling and drive-thru idling emissions, as well as commercial center delivery truck idling and circulation. The emergency backup generator was modeled as a point source. Refer to Appendix A for a depiction of the source and receptor locations.

- **Receptor Grid**. To identify the maximum impacted sensitive receptors, a uniform Cartesian grid was placed over the sensitive receptors in the Project site's vicinity. Given the Project site's size, sensitive receptors were modeled with a maximum of 20-meter grid spacing.
- **Terrain Characteristics**. As recommended by the SJVAPCD, the United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.
- **Averaging Times.** AERMOD was run to obtain the peak 1-hour and annual average (period) concentration in micrograms per cubic meter ($\mu g/m^3$) of PM_{10} at the nearby sensitive receptors. According to SJVAPCD's guidance[16], air dispersion modeling is required to estimate annual average concentrations to calculate the Maximally Exposed Individual Resident (MEIR), the maximum chronic hazard index, and the zones of impact.

Risk and Hazard Assessment

Cancer Risk. Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Dose-air =	dose through inhalation (mg/kg/day)
C_{air} =	air concentration ($\mu g/m^3$) from air dispersion model
(DBR/BW) =	daily breathing rate normalized to body weight (L/kg bodyweight-day)
A =	inhalation absorption factor (unitless)
EF =	exposure frequency (approximately 365 days per year)
10^{-6} =	conversion factor (micrograms to milligrams, liters to cubic meters)

[16] San Joaquin Valley Unified Air Pollution Control District, *San Joaquin Valley Unified Air Pollution Control District Guidance for Assessing and Mitigating Air Quality Impacts*, March 19, 2015.

Table 3: Exposure Assumptions presents assumptions utilized to calculate cancer risk. The construction exposure duration totals 12 months (1 year) to represent the total construction period. The operational exposure duration totals 70 years for residents, 9 years for student receptors, and 40 years for workers, consistent with SJVAPCD methodology. OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends default ASFs presented in Table 3. Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions is not occurring away from home. ASFs, FAH, and daily breathing rates are based on the OEHHA methodology.

Table 3: Exposure Assumptions

Scenario	Age	Exposure Frequency (days/year)[1]	Exposure Duration (years)[2]	Age Sensitivity Factor (ASF)[3]	Fraction of Time at Home (FAH)[4]	Daily Breathing Rate (L/kg BW-day^2)[5,6]
Construction	**Residential**					
	Third trimester	250	0.25	10	85%	361
	0 to 2 years	250	0.75	10	85%	1090
	Ages 2 through 8 years	250	0	3	72%	631
	Ages 9 through 15 years	250	0	3	72%	572
	Ages 16 and greater	250	0	1	73%	261
	Worker	250	1	1	N/A	230
	Student[7]	180	1	3	N/A	640
Operations	**Residential**					
	Third trimester	350	0.25	10	85%	361
	0 to 2 years	350	2	10	85%	1090
	Ages 2 through 8 years	350	7	3	72%	631
	Ages 9 through 15 years	350	7	3	72%	572
	Ages 16 and greater	350	53.75	1	73%	261
	Worker	250	40	1	N/A	230
	Student[7]	180	9	3	N/A	640
Combined	**Residential**					
	Third trimester	350	Construction: 0.25	10	85%	361
	0 to 2 years	350	Construction: 0.75 Operations: 1.25	10	85%	1090
	Ages 2 through 8 years	350	Operations: 7	3	72%	631
	Ages 9 through 15 years	350	Operations: 7	3	72%	572
	Ages 16 and greater	350	Operations: 53.75	1	73%	261
	Worker	250	Construction: 1 Operations: 39	1	N/A	230
	Student[7]	180	Construction: 1 Operations: 8	3	N/A	640

1. The exposure frequency is based on OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015 (OEHHA Manual); refer to OEHHA Manual Section 5.4.1, Estimation of Exposure through Inhalation.
2. The exposure duration is based on SJVAPCD's AB 2588 Health Risk Assessment Modeling Protocol Guidance (March 18, 2021).
3. The age sensitivity factor is based on OEHHA Manual Table 8.3, *Age Sensitivity Factors by Age Group for Cancer Risk Assessment*.
4. The fraction of time at home is based on OEHHA Manual Section 8.2.2, *Fraction of Time Spent at Home for Cancer Risk Assessment*.
5. Daily breathing rate normalized to body weight (L/kg body weight – day) (95th percentile for 3rd trimester to 2 years and 80th percentile for other age groups) per OEHHA Manual Table 5.7, *Daily Breathing Rate Distributions by Age Group for Residential Stochastic Analysis*

Table 3: Exposure Assumptions

(L/kg BW-day).
6. Worker and student breathing rates are 95th percentile 8-hour breathing rates based on moderate intensity activity.
7. The student age category was conservatively modeled for ages 2 through 9 as the nearest school to the Project site is the Lodi Seventh-Day Adventist Elementary School.

Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015; and SJVAPCD, *AB 2588 Health Risk Assessment Modeling Protocol Guidance*, March 18, 2021.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$Risk_{inh\text{-}res} = (Dose_{air}*CPF*(ED/AT)*FAH)$$

$Risk_{inh\text{-}res}$ =	residential inhalation cancer risk (potential chances per million)
$Dose_{air}$ =	daily dose through inhalation (mg/kg-day)
CPF =	inhalation cancer potency factor (mg/kg-day^{-1})
ED =	exposure duration (years)
AT =	averaging time of lifetime cancer risk (years)
FAH =	fraction of time spent at home (unitless)

Non-Cancer Risk. The chronic non-cancer risk is calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[17] The following equation was used to determine the chronic non-cancer risk hazard index:

$$\text{Hazard Index} = C_i/REL_i$$

C_i =	concentration in the air of substance (annual average concentration in µg/m^3)
REL_i =	chronic noncancer Reference Exposure Level for substance (µg/m^3)

Health Risk Computation. A health risk computation was performed to determine the cancer risk and chronic non-cancer risk using the approach described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, dated February 2015 (OEHHA Guidance Manual). Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer risk to an individual as well as the chronic non-cancer risk hazard index.

The individual cancer and chronic non-cancer risks are based on the annual average concentration of PM_{10} (used as a proxy for DPM) and benzene. As noted above, the chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual. The concentration estimates developed using this methodology are conservative and not a specific prediction of the actual concentrations that would occur at the Project site at any given point in time. Actual 1-hour and annual average concentrations are dependent on many variables, particularly the number and types of vehicles and equipment operating at specific distances during periods of adverse meteorology.

[17] California Office of Environmental Health Hazard Assessment, *Guidance Manual for Preparation of Health Risk Assessments Appendices A-F*, February 2015.

The health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. Only the risk associated with the Project's worst-case location was assessed.

5 POTENTIAL HEALTH RISK IMPACTS

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. Diesel exhaust is composed of two phases, either gas or particulate – both contribute to the risk. The gas phase is composed of many of the urban TACs, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particulate phase has many different types that can be classified by size or composition. The sizes of diesel particulates of greatest health concern are fine and ultrafine particles. These particles may be composed of elemental carbon with adsorbed compounds such as organics, sulfates, nitrates, metals, and other trace elements. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the Project is proposed near existing residences, an analysis of DPM was performed using the U.S. EPA-approved AERMOD model.

Benzene is also a TAC. The majority of benzene emitted in California comes from motor vehicles, including evaporative leakage and unburned fuel exhaust. Benzene is highly carcinogenic and occurs throughout California. Benzene also has non-cancer health effects. As the Project is proposing to dispense gasoline, an analysis of benzene was performed using the U.S. EPA-approved AERMOD model.

According to OEHHA, if multiple substances are emitted, the non-cancer risk from each of the individual substances is summed only if they affect the same organ system. While DPM is particularly associated with increased potential for lung cancer, diesel exhaust has many individual substances contained in it, including benzene. Therefore, the non-cancer risk from each of the Project-emitting substances, DPM and benzene, are summed to give the total non-cancer risk for the entire facility at the receptor location. Cancer risks from different substances are treated additively in the Hot Spots Program in part because many carcinogens act through the common mechanism of DNA damage. However, this assumption fails to take into account the limited information on substance interactions. The overall uncertainty in the cancer potency factors and the variability in the human population is probably far greater than the uncertainty from the assumption of additivity.

5.1 Carcinogenic Risk

As noted above, the Project would generate TACs from construction and operations (i.e. truck traveling along local roads, idling, and on-site circulation; backup generator; fueling activities and drive-thru idling); refer to Section 4.2, *Methodology*, for a further discussion of Project TAC sources. The Project would be required to install vapor recovery systems per CARB's ATCM, comply with CARB's Vapor Recovery System Certification Procedure, and Use Enhanced Conventional (ECO) and Enhanced ORVR-Vehicle Recognition (EOR) nozzles, among others. The Project would also be required to comply with SJVAPCD Rule 4622 (Gasoline Transfer Into Motor Vehicle Fuel Tanks), which would reduce fueling emissions.

Table 4: Carcinogenic Risk Assessment shows the unmitigated health risk for Project construction and operations. Based on SJVAPCD methodology, the exposure duration for a resident is 70 years, beginning with the third trimester, and the worker and student exposure duration is 40 years and 9

years, respectively; refer to Table 3. Operations would commence following construction. As such, construction would not overlap with operations. The analysis calculates risk based on exposure to construction concentrations during the initial 12 months of the exposure duration and operational concentrations for the remainder of the exposure duration. The Project (construction and operations combined scenario) would result in a maximum cancer risk of 9.69 in one million at the nearest residential receptors, 2.63 in one million at the nearest worker receptors, and 0.44 in one million at the nearest student receptors. Therefore, the SJVAPCD threshold of 20 in one million would not be exceeded at the nearest receptors and impacts would be less than significant.

Table 4: Carcinogenic Risk Assessment

Receptors	Cancer Risk (per million)[1, 2, 3]				
		Operations			
	Construction	Trucks + Generator	Gas Dispensing Facility + Drive-thru Idling	Total Operations	Construction and Operations Combined[4]
Residences					
Approximately 75 feet west (652843.96, 4220031.3)	1.08	3.68	0.72	4.40	6.07
Approximately 75 feet west (652843.96, 4220111.3)	1.46	4.29	2.01	6.30	8.45
Adjacent to the east (653091.77, 4220073.8)	4.73	1.80	1.24	3.04	9.69
Adjacent to the east (653092.17, 4220089.4)	3.88	1.64	1.25	2.89	8.35
Significance Threshold (Risk per Million)	*20*	*20*	*20*	*20*	*20*
Exceeds Significance Threshold?	**No**	**No**	**No**	**No**	**No**
Worker Exposure					
Approximately 75 feet west (652843.96, 4220051.3)	0.04	0.66	1.38	2.04	2.63
Significance Threshold (Risk per Million)	*20*	*20*	*20*	*20*	*20*
Exceeds Significance Threshold?	**No**	**No**	**No**	**No**	**No**
Student Exposure					
Lodi Seventh-Day Adventist Elementary School located approximately 1,315 feet northwest (652476.56, 4220202.55)	0.01	0.08	0.19	0.27	0.44
Lodi Academy High School located approximately 1,720 feet northwest (652456.56, 4220442.55)	0.01	0.07	0.15	0.22	0.36
Significance Threshold (Risk per Million)	*20*	*20*	*20*	*20*	*20*
Exceeds Significance Threshold?	**No**	**No**	**No**	**No**	**No**

1. The reported risk is at the closest receptor (maximally exposed individual receptor (MEIR) for each exposure category.
2. Risk from "Construction" and "Trucks + Generator" is from PM_{10} and risk from the "Gas Dispensing Facility + Drive-thru Idling" is benzene.
3. Refer to Table 3 for exposure assumptions.

Table 4: Carcinogenic Risk Assessment
4. As cancer risk accumulates over time, the combined risk evaluates cancer risk with operational exposure starting at the end of construction. The combined risk assumes construction exposure starts from the third trimester for a year (12-month construction period) and operational exposure starts immediately after construction continues for the specified exposure duration shown in Table 3.
Refer to Appendix A: Modeling Data.

5.2 Non-Carcinogenic Risk

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts.

RELs are designed to protect sensitive individuals within the population. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[18] There is no acute REL for DPM and the acute health risk cannot be calculated. The chronic and acute REL for benzene is 3 and 27, respectively and the target organ is the hematologic system.

Acute and chronic impacts are shown in Table 5: Chronic and Acute Hazard Assessment Results. An acute or chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the acute or chronic exposure by the reference exposure level. Table 5 shows that non-carcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

Table 5: Chronic and Acute Hazards Assessment Results

Emissions Sources	Chronic Hazard	Acute Hazard
Residential Receptors		
Construction	0.011	N/A
Trucks + Generator	0.002	N/A
Gas Dispensing Facility + Drive-thru Idling	0.010	0.037
Threshold	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**
Worker Receptors		
Construction	0.003	N/A
Trucks + Generator	0.001	N/A
Gas Dispensing Facility + Drive-thru Idling	0.005	0.023
Threshold	*1.0*	*1.0*

[18] California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary, accessed January 2025.

Table 5: Chronic and Acute Hazards Assessment Results		
Emissions Sources	**Chronic Hazard**	**Acute Hazard**
Threshold Exceeded?	**No**	**No**
Student Receptors		
Construction	<0.001	N/A
Trucks + Generator	<0.001	N/A
Gas Dispensing Facility + Drive-thru Idling	<0.001	0.003
Threshold	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**
Refer to Appendix A: Modeling Data.		

5.3 Conclusion

As described above, impacts related to cancer risk would be less than significant. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. It should be noted that the impacts assess the Project's incremental contribution to health risk impacts, consistent with the OEHHA guidance and methodology. The SJVAPCD has not established separate cumulative thresholds and does not require combining impacts from cumulative projects. The SJVAPCD considers projects that do not exceed the project-specific thresholds to generally not be cumulatively significant. Therefore, impacts related to health risk from the Project would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

6 REFERENCES

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16. San Joaquin Valley Air Pollution Control District, *Meteorological Data*, https://ww2.valleyair.org/permitting/air-dispersion-modeling/meteorological-data/, accessed December 2024.
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18. United States Environmental Protection Agency, *Exposure Factors Handbook: 2011 Edition*, September 2011.
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20. United States Environmental Protection Agency, *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, s 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090*. January 24, 2023.
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Appendix A

Modeling Data

Summary

					Construction			Operations			Ops -Benzene			Combined				DPM Chronic			Chronic Hazard			Benzene Chronic		Chronic Hazard	Benzene Acute Hazard (Gas Station + Drive-thru Restauran 1 Hr		
Description	Location	X	Y	X, Y	#	Const Risk	Risk per Million	#	Ops Risk	Risk per Million	#	Ops Risk	Risk per Million	#	Combined Risk (DPM)	Combined Risk (Benzene)	Risk per Million	Const	Ops	REL	Const	Ops	Ops	REL	Ops	Concentration	REL	Acute
Residential	1 Residents to the West	652843.96	4220031.3	652843.96, 4220031.3	15	1.08E-06	1.08	15	3.68E-06	3.68	15	7.24E-07	0.72	15	5.35E-06	7.24E-07	6.07	0.013025503	0.006356661	5	0.003	0.001	0.011078	3	3.693E-03	0.51688463	2.70E+01	1.91E-02
	2 Residents to the West	652823.96	4220131.3	652823.96, 4220131.3	37	8.87E-07	0.89	37	4.76E-06	4.76	37	1.34E-06	1.34	37	6.07E-06	1.34E-06	7.41	0.010676908	0.008006403	5	0.002	0.002	0.020549	3	6.850E-03	0.622589512	2.70E+01	2.31E-02
	3 Residents to the West	652843.96	4220091.3	652843.96, 4220091.3	29	1.49E-06	1.49	29	4.01E-06	4.01	29	1.65E-06	1.65	29	6.24E-06	1.65E-06	7.89	0.017956981	0.006881359	5	0.004	0.001	0.025313	3	8.438E-03	0.916472791	2.70E+01	3.39E-02
	4 Residents to the West	652843.96	4220111.3	652843.96, 4220111.3	34	1.46E-06	1.46	34	4.29E-06	4.29	34	2.01E-06	2.01	34	6.44E-06	2.01E-06	8.45	0.017614131	0.007291982	5	0.004	0.001	0.030704	3	1.023E-02	0.998149592	2.70E+01	3.70E-02
	5 Residents to the West	652843.96	4220011.3	652843.96, 4220011.3	10	8.22E-07	0.82	10	3.05E-06	3.05	10	5.94E-07	0.59	10	4.33E-06	5.94E-07	4.92	0.009896435	0.005274455	5	0.002	0.001	0.009088	3	3.029E-03	0.410989249	2.70E+01	1.52E-02
	6 Residents to the East	653091.77	4220073.8	653091.77, 4220073.8	53	4.73E-06	4.73	53	1.80E-06	1.80	53	1.24E-06	1.24	53	8.46E-06	1.24E-06	9.69	0.056934264	0.003047908	5	0.011	0.001	0.018909	3	6.303E-03	0.307500283	2.70E+01	1.14E-02
	7 Residents to the East	653092.17	4220089.4	653092.17, 4220089.4	65	3.88E-06	3.88	65	1.64E-06	1.64	65	1.25E-06	1.25	65	7.11E-06	1.25E-06	8.35	0.046772228	0.002772145	5	0.009	0.001	0.019051	3	6.350E-03	0.310888859	2.70E+01	1.15E-02
																				MAX:	*0.011*	*0.002*			*0.010*			*0.037*
Worker	1 Agricultural Worker to the West	652843.96	4220051.3	652843.96, 4220051.3	20	3.89E-08	0.04	20	6.59E-07	0.66	20	1.38E-06	1.38	20	1.24952E-06	1.38E-06	2.63	1.57E-02	6.65E-03	5	0.003	0.001	0.013927	3	0.005	0.608972277	2.70E+01	0.023
Student	1 Lodi Seventh-Day Adventist Elementary School	652476.56	4220202.55	652476.56, 4220202.55	269	9.06E-09	0.01	269	8.18E-08	0.08	269	1.89E-07	0.19	269	2.49702E-07	1.89E-07	0.44	0.00060893	0.000611001	5	0.0001	0.0001	0.001411	3	0.0005	0.077427953	2.70E+01	0.0029
	2 Lodi Academy High School	652456.56	4220442.55	652456.56, 4220442.55	281	9.85E-09	0.01	281	6.52E-08	0.07	281	1.54E-07	0.15	281	2.04315E-07	1.54E-07	0.36	0.000662214	0.000487046	5	0.0001	0.0001	0.001147	3	0.0004	5.19E-02	2.70E+01	0.0019

Exposure/BR Factors

Age	BR/BW	ASF	FAH	Const ED	Ops ED
3rd	361	10	0.85	0.25	0.25
0<2	1090	10	0.85	0.75	2
2<9	631	3	0.72	0	7
9<16	572	3	0.72	0	7
16<70	261	1	0.73	0	53.75
Worker	230	1	1	1	40
Student	640	3	1	1	9

Combined Exposure/BR Factors

Age	BR/BW	ASF	FAH	Const ED	Ops ED
3rd	361	10	0.85	0.25	0
C 0<2	1090	10	0.85	0.75	0
O 0<2	1090	10	0.85	0	1.25
2<9	631	3	0.72	0	7
9<16	572	3	0.72	0	7
16<70	261	1	0.73	0	53.75
Worker	230	1	1	1	39
Student	640	3	1	1	8

Construction Emissions Rates

Schedule

					Construction Vehicles						
				Work	Trips/Day		Total Trips		Miles/Trip		Weighted
Year	Phase	Start	End	Days	Vendor	Hauling	Vendor	Hauling	Vendor	Hauling	Trip length
2025	Site Preparation	1/1/2025	1/14/2025	10	0	0	0	0			
2025	Grading	1/15/2025	2/11/2025	20	0	12.4	0	248			
2025	Building Construction	2/12/2025	10/1/2025	166	5.1	0	843	0			
2025	Paving	10/1/2025	10/28/2025	20	0	0	0	0			
2025	Architectural Coating	8/15/2025	12/15/2025	87	0	0	0	0	*9.1*	*20*	*11.6*
					5.1	*12.4*	*843*	*248*			

PM_{10} Exhaust

On-Site Construction PM_{10} Exhaust (tons/yr)

Year	Phase	Days	Unmitigated		Unmitigated
2025	Site Preparation	10	6.83E-03		6.83E-02
2025	Grading	20	7.22E-03		1.44E-01
2025	Building Construction	166	3.58E-02		5.95E+00
2025	Paving	20	3.49E-03		6.97E-02
2025	Architectural Coating	87	1.19E-03		1.04E-01
	Total 2025	**249**			2.54E-02
				g/s:	0.003219
	Total Days:	**249**			
				On-Site Weighted (g/s):	*0.00321903*

*total days exclude overlap

Off-Site Construction PM_{10} Exhaust (tons/yr)

Year	Phase	Unmitigated		Unmitigated
2025	Site Prepar	0.00E+00		0.00E+00
2025	Grading	1.64E-04		3.28E-03
2025	Building Co	1.69E-04		2.81E-02
2025	Paving	0.00E+00		0.00E+00
2025	Architectu	0.00E+00		0.00E+00
				1.26E-04
			g/s:	0.000016

PM_{10} Exhaust Off-Site

		Unmitigated g/s	g/s per mile	Weighted g/s
ONSITE	2025	0.000016	1.3753E-06	1.38E-06

Construction Route		Length (meters)	Length (Miles)	Unmitigated Emission Rate (g/sec)	AERMOD Unitized Rate (g/s)
HAUL	I-99/ Kettleman Lane/ Beckman Road	1248.5	0.78	1.07E-06	1

Conversions:

1 ton =	907184.7	grams
Const Hrs	8	per day
1 hour =	3600	seconds
1 meter =	0.000621371	miles

Operational Emissions Rates - DPM

Maverik Station On-Site Truck and TRU

Source ID:	Year		Speed (mph)	Trips (veh/day)	Mobile Emission Factor (g/mi)	TRU Trips (veh/day)	TRU* (g/hr)	Length (meters)	Length (mi)	Truck (g/day)	TRU (g/day)	Emission Rate (g/sec)	AERMOD Unitized Rate
ON	**2026**	Maverik On-Site Travel	15	784	0.0264	102	0.0267	225.7	0.1402	2.90	0.03	**3.39E-05**	1
	2028	Maverik On-Site Travel	15	784	0.0229	102	0.0187	225.7	0.1402	2.52	0.02	**2.94E-05**	1
	2030	Maverik On-Site Travel	15	784	0.0202	102	0.0000	225.7	0.1402	2.22	0.00	**2.57E-05**	1
	2035	Maverik On-Site Travel	15	784	0.0156	102	0.0000	225.7	0.1402	1.71	0.00	**1.98E-05**	1
	2042	Maverik On-Site Travel	15	784	0.0118	102	0.0000	225.7	0.1402	1.30	0.00	**1.50E-05**	1

			Speed (mph)	Trips (veh/day)	Mobile Emission Factor (g/trip)	TRU Trips (veh/day)	TRU[1] (g/hr)	Duration (hr/veh)		Truck (g/day)	TRU (g/day)	Emission Rate (g/sec)	AERMOD Unitized Rate
M_IDLE	**2026**	Maverik On-Site Idle	Idle	784	0.0019	102	0.0267	0.25		0.37	0.68	**1.22E-05**	1
	2028	Maverik On-Site Idle	Idle	784	0.0017	102	0.0187	0.25		0.34	0.48	**9.44E-06**	1
	2030	Maverik On-Site Idle	Idle	784	0.0016	102	0.0000	0.25		0.32	0.00	**3.65E-06**	1
	2035	Maverik On-Site Idle	Idle	784	0.0015	102	0.0000	0.25		0.29	0.00	**3.37E-06**	1
	2042	Maverik On-Site Idle	Idle	784	0.0015	102	0.0000	0.25		0.29	0.00	**3.36E-06**	1

1. All truck TRUs operating in California shall be zero-emission by December 31, 2029. (Source: https://ww2.arb.ca.gov/transport-refrigeration-unit-tru-or-reefer-regulation-truckstop#:~:text=Zero%2Demission%20truck%20TRU%20requirement3,year%

Commercial Center On-Site Truck and TRU (Deliveries)

			Speed (mph)	Trips (veh/day)	Mobile Emission Factor (g/mi)	Mobile Emission Factor (g/trip)	TRU Trips (veh/day)	TRU* (g/hr)	Duration (hr/veh)	Length (meters)	Length (mi)	Truck (g/day)	TRU (g/day)	Emission Rate (g/sec)	AERMOD Unitized Rate
DELIVERY	2026	Commercial Center Delivery Trucks On-Site Travel	15	6	0.0222	-	6	0.026734326	-	237.66	0.147675032	0.0196	0.00	2.46E-07	-
		Commercial Center Delivery Trucks On-Site Idle	Idle	6	-	0.0017	6	0.026734326	0.25	-	-	0.0026	0.04	4.94E-07	-
														7.40E-07	1
	2028	Commercial Center Delivery Trucks On-Site Travel	15	6	0.0191	-	6	0.018727643	-	237.66	0.147675032	0.0169	0.00	2.09E-07	-
		Commercial Center Delivery Trucks On-Site Idle	Idle	6	-	0.0016	6	0.018727643	0.25	-	-	0.0023	0.03	3.52E-07	-
														5.61E-07	1
	2030	Commercial Center Delivery Trucks On-Site Travel	15	6	0.0165	-	6	0	-	237.66	0.147675032	0.0146	-	1.69E-07	-
		Commercial Center Delivery Trucks On-Site Idle	Idle	6	-	0.0014	6	0	0.25	-	-	0.0021	-	2.49E-08	-
														1.94E-07	1
	2035	Commercial Center Delivery Trucks On-Site Travel	15	6	0.0117	-	6	0	-	237.66	0.147675032	0.0104	-	1.20E-07	-
		Commercial Center Delivery Trucks On-Site Idle	Idle	6	-	0.0012	6	0	0.25	-	-	0.0019	-	2.16E-08	-
														1.41E-07	1
	2042	Commercial Center Delivery Trucks On-Site Travel	15	6	0.0080	-	6	0	-	237.66	0.147675032	0.0071	-	8.20E-08	-
		Commercial Center Delivery Trucks On-Site Idle	Idle	6	-	0.0011	6	0	0.25	-	-	0.0017	-	1.99E-08	-
														1.02E-07	1

		Off-Site (AERMOD Source Group) Truck+TRU	(mph)	(trips/day)	Truck (g/mi)	TRU* (g/hr)	(meters)	(mi)	Truck (g/day)	TRU (g/day)	Emission Rate (g/sec)	AERMOD Unitized Rate (g/sec)
OFF2	**2026**	I-99 Offramp	35	784	0.0097	0.0267	292.8	0.1819	1.39	0.01	1.62E-05	0.248367122
OFF3		E Kettleman Lane/ Beckman Road	35	784	0.0097	0.0267	226.6	0.1408	1.07	0.01	1.25E-05	0.19221308
OFF4		Beckman Road/ I-99 Onramp	35	784	0.0097	0.0267	659.5	0.4098	3.12	0.03	3.65E-05	0.559419798
											6.53E-05	
OFF2	**2028**	I-99 Offramp	35	784	0.0084	0.0187	292.8	0.1819	1.20	0.01	1.40E-05	0.248367122
OFF3		E Kettleman Lane/ Beckman Road	35	784	0.0084	0.0187	226.6	0.1408	0.93	0.01	1.08E-05	0.19221308
OFF4		Beckman Road/ I-99 Onramp	35	784	0.0084	0.0187	659.5	0.4098	2.70	0.02	3.15E-05	0.559419798
											5.63E-05	
OFF2	**2030**	I-99 Offramp	35	784	0.0074	0.0000	292.8	0.1819	1.06	0.00	1.23E-05	0.248367122
OFF3		E Kettleman Lane/ Beckman Road	35	784	0.0074	0.0000	226.6	0.1408	0.82	0.00	9.52E-06	0.19221308
OFF4		Beckman Road/ I-99 Onramp	35	784	0.0074	0.0000	659.5	0.4098	2.39	0.00	2.77E-05	0.559419798
											4.95E-05	
OFF2	**2035**	I-99 Offramp	35	784	0.0060	0.0000	292.8	0.1819	0.85	0.00	9.89E-06	0.248367122
OFF3		E Kettleman Lane/ Beckman Road	35	784	0.0060	0.0000	226.6	0.1408	0.66	0.00	7.65E-06	0.19221308
OFF4		Beckman Road/ I-99 Onramp	35	784	0.0060	0.0000	659.5	0.4098	1.92	0.00	2.23E-05	0.559419798
											3.98E-05	
OFF2	**2042**	I-99 Offramp	35	784	0.0052	0.0000	292.8	0.1819	0.74	0.00	8.59E-06	0.248367122
OFF3		E Kettleman Lane/ Beckman Road	35	784	0.0052	0.0000	226.6	0.1408	0.57	0.00	6.65E-06	0.19221308
OFF4		Beckman Road/ I-99 Onramp	35	784	0.0052	0.0000	659.5	0.4098	1.67	0.00	1.93E-05	0.559419798
											3.46E-05	

Source: Emissions rates from CARB EMFAC2021 and CARB OFFROAD.

	Backup Generators	Quantity	Unmitigated g/s per generator	AERMOD Unitized Rate
GEN	Maverik Convenience Store	1	1.88E-02	1.00

Operational Emissions Rates - TOG

Fueling Station - TOG Emissions Factors and Annual Emissions

Emissions Source	Annual Gasoline Throughput (gallons/year)	TOG Emissions Factor (lb/1,000 gallon)[1]	TOG Annual Emissions (lbs/year)	Benzene Emission Rate (lbs/hr)	Benzene Emission Rate (g/s)	AERMOD Unitized Rate
	4,905,600					
Fueling (Non-ORVR Vehicles)		0.42	2,060.4	0.0007056	8.89E-05	
Fueling (ORVR Vehicles)		0.021	103.0	0.00003528	4.45E-06	
Loading (Bulk Transfer Losses)		0.15	735.8	0.000252	3.18E-05	
Breathing (Pressure Driven Losses)		0.024	117.7	0.00004032	5.08E-06	
Hose Permeation (Gasoline Hose Losses)		0.009	44.2	0.00001512	1.91E-06	
Total Transfer and Pressure Losses			*3,061.1*	*0.00104832*	*1.32E-04*	
Fueling - Spillage		0.24	1,177.3	0.001344	1.69E-04	
Total Transfer/Pressure and Spillage			**4,238.4**	**0.00239232**	**3.01E-04**	1

Source: CAPCOA and CARB, Gasoline Service Station Industrywide Risk Assessment Technical Guidance, Table 7, September 2021.

The emission factors do not reflect control technologies required by any Vapor Recovery regulations later than 2013. Regulations later than 2013 include:

- Certification Procedure for Vapor Recovery Systems for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities (CP-207)

- Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities (CP-201) Amended Certification Procedure for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities (CP-207)

Drive-thru Idling

Source ID:		Speed (mph)	Vehicle Trips (veh/day)	Mobile Emission Factor (g/trip)	Duration (hr/veh)		Truck (g/day)	Emission Rate (g/sec)	AERMOD Unitized Rate
R_IDLE	Drive-thru Restaurant On-Site Idle	Idle	681	0.0027	0.25		0.46	**5.35E-06**	1
C_IDLE	Coffee Drive-thru On-Site Idle	Idle	738	0.0027	0.25		0.50	**5.80E-06**	1

Model Output: OFFROAD2021 (v1.0.8) Emissions Inventory
Region Type: Air District
Region: San Joaquin Valley Unified APCD
Calendar Year: 2026, 2028
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

PM10 (g/hph):	
2026	**0.026734326**
2028	**0.018727643**

Region	Calendar Ye	Vehicle Category	Model Yea	Horsepowe	Fuel	PM10_tpd	Total_Activity_hpy	Total_Population	Horsepower_Hours_hhpy
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Instate Genset	Aggregate	25	Diesel	0.00179484	691672.67	885.07	17291816.8
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Instate Genset	Aggregate	50	Diesel	0.000550571	354698.87	453.54	17734943.5
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Instate Trailer	Aggregate	25	Diesel	0.023019982	6633245.84	3698.6	165831146
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Instate Trailer	Aggregate	50	Diesel	0.014989436	9076444.17	5061.2386	453822209
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Instate Truck	Aggregate	23	Diesel	0.007741438	1412006.56	1886.96	32476150.9
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Out-Of-State Gens	Aggregate	25	Diesel	0.001686839	611300.2	4929.33919	15282505
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Out-Of-State Gens	Aggregate	50	Diesel	0.000536883	227362.15	1832.88	11368107.5
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Out-Of-State Traile	Aggregate	25	Diesel	0.024246135	6634405.62	24390.43	165860141
San Joaquin Valley Unified APCD	2026	Transportation Refridgeration Unit - Out-Of-State Traile	Aggregate	50	Diesel	0.00626876	2430873.99	8936.28	121543700
						0.080834884			1001210718
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Instate Genset	Aggregate	25	Diesel	0.00152096	774650.01	991.23	19366250.3
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Instate Genset	Aggregate	50	Diesel	0.000311429	305473.18	390.55	15273659
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Instate Trailer	Aggregate	25	Diesel	0.017816176	7228708.89	4030.08	180717722
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Instate Trailer	Aggregate	50	Diesel	0.010294831	8987712.94	5011.1037	449385647
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Instate Truck	Aggregate	23	Diesel	0.003633165	662523.4	1947.92	15238038.2
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Out-Of-State Gens	Aggregate	25	Diesel	0.001352519	672579.9	5423.4329	16814497.5
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Out-Of-State Gens	Aggregate	50	Diesel	0.000301909	193134.35	1556.85	9656717.5
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Out-Of-State Traile	Aggregate	25	Diesel	0.017269735	6998711.71	25729.78985	174967793
San Joaquin Valley Unified APCD	2028	Transportation Refridgeration Unit - Out-Of-State Traile	Aggregate	50	Diesel	0.00402071	2358977.65	8671.99	117948883
						0.056521434			999369207

Emergency Backup Generator Emissions

							Unmitigated			
Fuel Type	**Quantity**	**HP**	**Hours/Year per Unit**	**Hours per Day**	**HP-hr per day**	**Total hp-hr per year**	**PM10 Emissions Rate (g/hp-hr)[1]**	**Tons/Year**	**g/year**	**g/s per generator**
Diesel	1	450	50	1	450	22,500	0.15	3.72E-03	3375	0.01875

Source:

1. User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

2. Final Rule for Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel, Table II.A-4.4 (Available at: https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-control-emissions-air-pollution-nonroad).

Construction Risk

	On-Site	Off-Site
Emissions Rate (g/s):	0.003219	1.07E-06

Discrete Receptor ID				Concentration [µg/m^3] at 1 g/s		Unmitigated			Residential Dose					Risk by Age Group					
	X	Y	X, Y	On-Site	Off-Site	On-Site	Off-Site	Total	3rd	0<2	2<9	9<16	16<70	3rd	0<2	2<9	9<16	16<70	Total Risk
1	RES1_	652763.96	4219991.3	652763.96, 4	0.83293	4.76177	0.0026812	5.081E-06	0.00269	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
2	RES1_	652783.96	4219991.3	652783.96, 4	1.01026	3.64262	0.0032521	3.887E-06	0.00326	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
3	RES1_	652803.96	4219991.3	652803.96, 4	1.26672	2.9016	0.0040776	3.096E-06	0.00408	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.4E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	3.4E-07
4	RES1_	652823.96	4219991.3	652823.96, 4	1.65223	2.41567	0.0053186	2.577E-06	0.00532	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.4E-08	4.0E-07	0.0E+00	0.0E+00	0.0E+00	4.4E-07
5	RES1_	652843.96	4219991.3	652843.96, 4	2.27024	2.11153	0.007308	2.253E-06	0.00731	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.0E-08	5.5E-07	0.0E+00	0.0E+00	0.0E+00	6.1E-07
6	RES1_	652763.96	4220011.3	652763.96, 4	0.90887	5.12705	0.0029257	5.47E-06	0.00293	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.4E-07
7	RES1_	652783.96	4220011.3	652783.96, 4	1.13386	3.91064	0.0036499	4.172E-06	0.00365	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	2.7E-07	0.0E+00	0.0E+00	0.0E+00	3.0E-07
8	RES1_	652803.96	4220011.3	652803.96, 4	1.47484	3.12063	0.0047476	3.33E-06	0.00475	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	3.9E-08	3.6E-07	0.0E+00	0.0E+00	0.0E+00	3.9E-07
9	RES1_	652823.96	4220011.3	652823.96, 4	2.03304	2.6238	0.0065444	2.799E-06	0.00655	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.4E-08	4.9E-07	0.0E+00	0.0E+00	0.0E+00	5.4E-07
10	RES1_	652843.96	4220011.3	652843.96, 4	3.07357	2.34991	0.0098939	2.507E-06	0.0099	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	8.2E-08	7.4E-07	0.0E+00	0.0E+00	0.0E+00	8.2E-07
11	RES1_	652763.96	4220031.3	652763.96, 4	0.98142	5.5219	0.0031592	5.892E-06	0.00317	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.6E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	2.6E-07
12	RES1_	652783.96	4220031.3	652783.96, 4	1.25878	4.21956	0.0040521	4.502E-06	0.00406	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.3E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.4E-07
13	RES1_	652803.96	4220031.3	652803.96, 4	1.69437	3.39715	0.0054542	3.625E-06	0.00546	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	4.5E-08	4.1E-07	0.0E+00	0.0E+00	0.0E+00	4.5E-07
14	RES1_	652823.96	4220031.3	652823.96, 4	2.45824	2.92904	0.0079132	3.125E-06	0.00792	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.5E-08	5.9E-07	0.0E+00	0.0E+00	0.0E+00	6.6E-07
15	RES1_	652843.96	4220031.3	652843.96, 4	4.04549	2.74741	0.0130226	2.931E-06	0.01303	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.1E-07	9.7E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-06
16	RES1_	652763.96	4220051.3	652763.96, 4	1.05226	6.00953	0.0033873	6.412E-06	0.00339	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.8E-08	2.5E-07	0.0E+00	0.0E+00	0.0E+00	2.8E-07
17	RES1_	652783.96	4220051.3	652783.96, 4	1.38218	4.57847	0.0044493	4.885E-06	0.00445	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	3.7E-08	3.3E-07	0.0E+00	0.0E+00	0.0E+00	3.7E-07
18	RES1_	652803.96	4220051.3	652803.96, 4	1.91632	3.75529	0.0061687	4.007E-06	0.00617	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	4.6E-07	0.0E+00	0.0E+00	0.0E+00	5.1E-07
19	RES1_	652823.96	4220051.3	652823.96, 4	2.88989	3.41852	0.0093027	3.647E-06	0.00931	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	7.7E-08	7.0E-07	0.0E+00	0.0E+00	0.0E+00	7.7E-07
20	RES1_	652843.96	4220051.3	652843.96, 4	4.88398	3.54582	0.0157217	3.783E-06	0.01573	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.3E-07	1.2E-06	0.0E+00	0.0E+00	0.0E+00	1.3E-06
21	RES1_	652763.96	4220071.3	652763.96, 4	1.1225	6.54778	0.0036134	6.986E-06	0.00362	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	2.7E-07	0.0E+00	0.0E+00	0.0E+00	3.0E-07
22	RES1_	652783.96	4220071.3	652783.96, 4	1.49764	4.99291	0.004821	5.327E-06	0.00483	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.0E-08	3.6E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
23	RES1_	652803.96	4220071.3	652803.96, 4	2.11521	4.21911	0.0068089	4.502E-06	0.00681	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	5.6E-08	5.1E-07	0.0E+00	0.0E+00	0.0E+00	5.7E-07
24	RES1_	652823.96	4220071.3	652823.96, 4	3.23951	4.16309	0.0104281	4.442E-06	0.01043	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	8.6E-08	7.8E-07	0.0E+00	0.0E+00	0.0E+00	8.7E-07
25	RES1_	652763.96	4220091.3	652763.96, 4	1.18842	7.13578	0.0038256	7.614E-06	0.00383	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.2E-08	2.9E-07	0.0E+00	0.0E+00	0.0E+00	3.2E-07
26	RES1_	652783.96	4220091.3	652783.96, 4	1.59444	5.49221	0.0051326	5.86E-06	0.00514	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.2E-08	3.8E-07	0.0E+00	0.0E+00	0.0E+00	4.3E-07
27	RES1_	652803.96	4220091.3	652803.96, 4	2.2596	4.87234	0.0072737	5.199E-06	0.00728	1.8E-06	5.4E-06	3.1E-06	2.9E-06	1.3E-06	6.0E-08	5.4E-07	0.0E+00	0.0E+00	0.0E+00	6.0E-07
28	RES1_	652823.96	4220091.3	652823.96, 4	3.43882	5.19273	0.0110697	5.54E-06	0.01108	2.7E-06	8.3E-06	4.8E-06	4.3E-06	2.0E-06	9.1E-08	8.3E-07	0.0E+00	0.0E+00	0.0E+00	9.2E-07
29	RES1_	652843.96	4220091.3	652843.96, 4	5.57594	7.34555	0.0179491	7.837E-06	0.01796	4.4E-06	1.3E-05	7.8E-06	7.0E-06	3.2E-06	1.5E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-06
30	RES1_	652763.96	4220111.3	652763.96, 4	1.24213	7.90631	0.0039985	8.436E-06	0.00401	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.3E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.3E-07
31	RES1_	652783.96	4220111.3	652783.96, 4	1.65995	6.23473	0.0053434	6.652E-06	0.00535	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.4E-08	4.0E-07	0.0E+00	0.0E+00	0.0E+00	4.4E-07
32	RES1_	652803.96	4220111.3	652803.96, 4	2.32331	5.98643	0.0074788	6.387E-06	0.00749	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	5.6E-07	0.0E+00	0.0E+00	0.0E+00	6.2E-07
33	RES1_	652823.96	4220111.3	652823.96, 4	3.45839	6.57658	0.0111327	7.017E-06	0.01114	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	9.2E-08	8.3E-07	0.0E+00	0.0E+00	0.0E+00	9.3E-07
34	RES1_	652843.96	4220111.3	652843.96, 4	5.46931	7.71675	0.0176059	8.233E-06	0.01761	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.5E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-06
35	RES1_	652783.96	4220131.3	652783.96, 4	1.68915	8.40302	0.0054374	8.966E-06	0.00545	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	4.5E-08	4.1E-07	0.0E+00	0.0E+00	0.0E+00	4.5E-07
36	RES1_	652803.96	4220131.3	652803.96, 4	2.30914	8.64883	0.0074332	9.228E-06	0.00744	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.1E-08	5.6E-07	0.0E+00	0.0E+00	0.0E+00	6.2E-07
37	RES1_	652823.96	4220131.3	652823.96, 4	3.31374	9.24579	0.010667	9.865E-06	0.01068	2.6E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	8.8E-08	8.0E-07	0.0E+00	0.0E+00	0.0E+00	8.9E-07
38	RES3_	653217.5	4220029.01	653217.5, 42	10.66075	0.24599	0.0343173	2.625E-07	0.03432	8.5E-06	2.6E-05	1.5E-05	1.3E-05	6.1E-06	2.8E-07	2.6E-06	0.0E+00	0.0E+00	0.0E+00	2.8E-06
39	RES3_	653237.5	4220029.01	653237.5, 42	6.74359	0.22554	0.0217078	2.406E-07	0.02171	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	1.8E-07	1.6E-06	0.0E+00	0.0E+00	0.0E+00	1.8E-06
40	RES3_	653257.5	4220029.01	653257.5, 42	4.39336	0.20773	0.0141424	2.216E-07	0.01414	3.5E-06	1.1E-05	6.1E-06	5.5E-06	2.5E-06	1.2E-07	1.1E-06	0.0E+00	0.0E+00	0.0E+00	1.2E-06
41	RES3_	653277.5	4220029.01	653277.5, 42	3.12038	0.19212	0.0100446	2.05E-07	0.01004	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	8.3E-08	7.5E-07	0.0E+00	0.0E+00	0.0E+00	8.3E-07
42	RES3_	653297.5	4220029.01	653297.5, 42	2.35666	0.17836	0.0075862	1.903E-07	0.00759	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.3E-08	5.7E-07	0.0E+00	0.0E+00	0.0E+00	6.3E-07
43	RES3_	653217.5	4220049.01	653217.5, 42	9.23339	0.23411	0.0297226	2.498E-07	0.02972	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.3E-06	2.5E-07	2.2E-06	0.0E+00	0.0E+00	0.0E+00	2.5E-06
44	RES3_	653237.5	4220049.01	653237.5, 42	5.33752	0.2149	0.0171817	2.293E-07	0.01718	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.4E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	1.4E-06
45	RES3_	653257.5	4220049.01	653257.5, 42	3.59322	0.19817	0.0115667	2.114E-07	0.01157	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	9.6E-08	8.7E-07	0.0E+00	0.0E+00	0.0E+00	9.6E-07
46	RES3_	653277.5	4220049.01	653277.5, 42	2.63375	0.18351	0.0084781	1.958E-07	0.00848	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	7.0E-08	6.3E-07	0.0E+00	0.0E+00	0.0E+00	7.0E-07
47	RES3_	653297.5	4220049.01	653297.5, 42	2.03787	0.17059	0.00656	1.82E-07	0.00656	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.4E-08	4.9E-07	0.0E+00	0.0E+00	0.0E+00	5.4E-07
48	RES3_	653217.5	4220069.01	653217.5, 42	5.39514	0.22188	0.0173671	2.367E-07	0.01737	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.4E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	1.4E-06
49	RES3_	653237.5	4220069.01	653237.5, 42	3.76154	0.20403	0.0121085	2.177E-07	0.01211	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.0E-07	9.1E-07	0.0E+00	0.0E+00	0.0E+00	1.0E-06
50	RES3_	653257.5	4220069.01	653257.5, 42	2.77853	0.18848	0.0089442	2.011E-07	0.00894	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.4E-08	6.7E-07	0.0E+00	0.0E+00	0.0E+00	7.4E-07
51	RES3_	653277.5	4220069.01	653277.5, 42	2.14829	0.17483	0.0069154	1.865E-07	0.00692	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	5.2E-07	0.0E+00	0.0E+00	0.0E+00	5.7E-07
52	RES3_	653297.5	4220069.01	653297.5, 42	1.71997	0.16279	0.0055366	1.737E-07	0.00554	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.6E-08	4.1E-07	0.0E+00	0.0E+00	0.0E+00	4.6E-07
53	RES2_	653091.77	4220073.8	653091.77, 4	17.68661	0.42794	0.0569338	4.566E-07	0.05693	1.4E-05	4.3E-05	2.5E-05	2.2E-05	1.0E-05	4.7E-07	4.3E-06	0.0E+00	0.0E+00	0.0E+00	4.7E-06
54	RES2_	653107.01	4220074.09	653107.01, 4	14.42903	0.3873	0.0464475	4.132E-07	0.04645	1.1E-05	3.5E-05	2.0E-05	1.8E-05	8.3E-06	3.8E-07	3.5E-06	0.0E+00	0.0E+00	0.0E+00	3.9E-06
55	RES2_	653127.01	4220074.09	653127.01, 4	11.95084	0.34324	0.0384702	3.662E-07	0.03847	9.5E-06	2.9E-05	1.7E-05	1.5E-05	6.9E-06	3.2E-07	2.9E-06	0.0E+00	0.0E+00	0.0E+00	3.2E-06
56	RES2_	653147.01	4220074.09	653147.01, 4	10.37248	0.30689	0.0333894	3.274E-07	0.03339	8.3E-06	2.5E-05	1.4E-05	1.3E-05	6.0E-06	2.8E-07	2.5E-06	0.0E+00	0.0E+00	0.0E+00	2.8E-06
57	RES2_	653167.01	4220074.09	653167.01, 4	9.088	0.27653	0.0292546	2.95E-07	0.02925	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	2.4E-07	2.2E-06	0.0E+00	0.0E+00	0.0E+00	2.4E-06
58	RES2_	653187.01	4220074.09	653187.01, 4	7.66897	0.25088	0.0246867	2.677E-07	0.02469	6.1E-06	1.8E-05	1.1E-05	9.7E-06	4.4E-06	2.0E-07	1.8E-06	0.0E+00	0.0E+00	0.0E+00	2.1E-06
59	RES2_	653207.01	4220074.09	653207.01, 4	5.67677	0.22898	0.0182737	2.443E-07	0.01827	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	1.5E-07	1.4E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-06
60	RES2_	653226.41	4220070.49	653226.41, 4	4.41042	0.21276	0.0141973	2.27E-07	0.0142	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	1.2E-07	1.1E-06	0.0E+00	0.0E+00	0.0E+00	1.2E-06
61	RES2_	653246.41	4220070.49	653246.41, 4	3.19191	0.19608	0.0102749	2.092E-07	0.01028	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	8.5E-08	7.7E-07	0.0E+00	0.0E+00	0.0E+00	8.5E-07
62	RES2_	653266.41	4220070.49	653266.41, 4	2.42241	0.1815	0.0077978	1.937E-07	0.0078	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	6.4E-08	5.8E-07	0.0E+00	0.0E+00	0.0E+00	6.5E-07
63	RES2_	653286.41	4220070.49	653286.41, 4	1.91078	0.16868	0.0061509	1.8E-07	0.00615	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	4.6E-07	0.0E+00	0.0E+00	0.0E+00	5.1E-07
64	RES2_	653306.41	4220070.49	653306.41, 4	1.55272	0.15732	0.0049983	1.679E-07	0.005	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.1E-08	3.7E-07	0.0E+00	0.0E+00	0.0E+00	4.2E-07
65	RES2_	653092.17	4220089.4	653092.17, 4	14.52976	0.40232	0.0467718	4.293E-07	0.04677	1.2E-05	3.5E-05	2.0E-05	1.8E-05	8.4E-06	3.9E-07	3.5E-06	0.0E+00	0.0E+00	0.0E+00	3.9E-06
66	RES2_	653107.41	4220089.69	653107.41, 4	11.16127	0.36482	0.0359285	3.892E-07	0.03593	8.9E-06	2.7E-05	1.6E-05	1.4E-05	6.4E-06	3.0E-07	2.7E-06	0.0E+00	0.0E+00	0.0E+00	3.0E-06
67	RES2_	653127.41	4220089.69	653127.41, 4	8.73685	0.32419	0.0281242	3.459E-07	0.02812	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.3E-07	2.1E-06	0.0E+00	0.0E+00	0.0E+00	2.3E-06
68	RES2_	653147.41	4220089.69	653147.41, 4	7.27008	0.2906	0.0234026	3.101E-07	0.0234	5.8E-06	1.7E-05	1.0E-05	9.2E-06	4.2E-06	1.9E-07	1.8E-06	0.0E+00	0.0E+00	0.0E+00	1.9E-06
69	RES2_	653167.41	4220089.69	653167.41, 4	6.12459	0.26248	0.0197153	2.801E-07	0.01972	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.6E-07	1.5E-06	0.0E+00	0.0E+00	0.0E+00	1.6E-06
70	RES2_	653187.41	4220089.69	653187.41, 4	4.97998	0.23868	0.0160307	2.547E-07	0.01603	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.3E-07	1.2E-06	0.0E+00	0.0E+00	0.0E+00	1.3E-06
71	RES2_	653207.41	4220089.69	653207.41, 4	3.85598	0.21832	0.0124125	2.329E-07	0.01241	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-07	9.3E-07	0.0E+00	0.0E+00	0.0E+00	1.0E-06
72	RES2_	653226.41	4220090.49	653226.41, 4	3.00748	0.2011	0.0096812	2.146E-07	0.00968	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	8.0E-08	7.2E-07	0.0E+00	0.0E+00	0.0E+00	8.0E-07
73	RES2_	653246.41	4220090.49	653246.41, 4	2.38242	0.18576	0.0076691	1.982E-07	0.00767	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.3E-08	5.7E-07	0.0E+00	0.0E+00	0.0E+00	6.4E-07
74	RES2_	653266.41	4220090.49	653266.41, 4	1.91814	0.17233	0.0061746	1.839E-07	0.00617	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	4.6E-07	0.0E+00	0.0E+00	0.0E+00	5.1E-07
75	RES2_	653286.41	4220090.49	653286.41, 4	1.57386	0.16047	0.0050663	1.712E-07	0.00507	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.2E-08	3.8E-07	0.0E+00	0.0E+00	0.0E+00	4.2E-07
76	RES2_	653306.41	4220090.49	653306.41, 4	1.31467	0.14995	0.004232	1.6E-07	0.00423	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	3.2E-07	0.0E+00	0.0E+00	0.0E+00	3.5E-07
77	RES2_	653092.17	4220109.4	653092.17, 4	10.73568	0.3698	0.0345585	3.946E-07	0.03456	8.5E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	2.9E-07	2.6E-06	0.0E+00	0.0E+00	0.0E+00	2.9E-06
78	RES2_	653107.41	4220109.69	653107.41, 4	8.00321	0.33655	0.0257626	3.591E-07	0.02576	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.1E-07	1.9E-06	0.0E+00	0.0E+00	0.0E+00	2.1E-06
79	RES2_	653127.41	4220109.69	653127.41, 4	6.1221	0.30041	0.0197073	3.205E-07	0.01971	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.6E-07	1.5E-06	0.0E+00	0.0E+00	0.0E+00	1.6E-06
80	RES2_	653147.41	4220109.69	653147.41, 4	4.97663	0.27039	0.0160199	2.885E-07	0.01602	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.3E-07	1.2E-06	0.0E+00	0.0E+00	0.0E+00	1.3E-06
81	RES2_	653167.41	4220109.69	653167.41, 4	4.09699	0.24515	0.0131884	2.616E-07	0.01319	3.3E-06	9.8E-06	5.7E-06	5.2E-06	2.4E-06	1.1E-07	9.9E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-06
82	RES2_	653187.41	4220109.69	653187.41, 4	3.33035	0.22368	0.0107205	2.387E-07	0.01072	2.7E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	8.9E-08	8.0E-07	0.0E+00	0.0E+00	0.0E+00	8.9E-07
83	RES2_	653207.41	4220109.69	653207.41, 4	2.70455	0.20524	0.008706	2.19E-07	0.00871	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	7.2E-08	6.5E-07	0.0E+00	0.0E+00	0.0E+00	7.2E-07
84	RES2_	653226.41	4220110.49	653226.41, 4	2.22237	0.18956	0.0071539	2.023E-07	0.00715	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.9E-08	5.4E-07	0.0E+00	0.0E+00	0.0E+00	5.9E-07
85	RES2_	653246.41	4220110.49	653246.41, 4	1.84656	0.17557	0.0059441	1.873E-07	0.00594	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	4.4E-07	0.0E+00	0.0E+00	0.0E+00	4.9E-07
86	RES2_	653266.41	4220110.49	653266.41, 4	1.54586	0.16327	0.0049762	1.742E-07	0.00498	1.2E-06	3.7E-06	2.2E-06	1.9E-06	8.9E-07	4.1E-08	3.7E-07	0.0E+00	0.0E+00	0.0E+00	4.1E-07
87	RES2_	653286.41	4220110.49	653286.41, 4	1.30649	0.15239	0.0042056	1.626E-07	0.00421	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.5E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	3.5E-07
88	RES2_	653306.41	4220110.49	653306.41, 4	1.11612	0.14271	0.0035928	1.523E-07	0.00359	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.0E-08	2.7E-07	0.0E+00	0.0E+00	0.0E+00	3.0E-07
89	RES2_	653092.88	4220123.48	653092.88, 4	7.78247	0.34529	0.025052	3.684E-07	0.02505	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	2.1E-07	1.9E-06	0.0E+00	0.0E+00	0.0E+00	2.1E-06

90	RES2_	653108.12	4220123.76	653108.12,	6.03175	0.31536	0.0194164	3.365E-07	0.01942	4.8E-06	1.4E-05	8.4E-06	7.6E-06	3.5E-06	1.6E-07	1.5E-06	0.0E+00	0.0E+00	0.0E+00	1.6E-06
91	RES2_	653128.12	4220123.76	653128.12,	4.73499	0.28268	0.0152421	3.016E-07	0.01524	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.3E-07	1.1E-06	0.0E+00	0.0E+00	0.0E+00	1.3E-06
92	RES2_	653148.12	4220123.76	653148.12,	3.87057	0.25539	0.0124595	2.725E-07	0.01246	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.0E-07	9.3E-07	0.0E+00	0.0E+00	0.0E+00	1.0E-06
93	RES2_	653168.12	4220123.76	653168.12,	3.19228	0.23231	0.0102761	2.479E-07	0.01028	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	8.5E-08	7.7E-07	0.0E+00	0.0E+00	0.0E+00	8.5E-07
94	RES2_	653188.12	4220123.76	653188.12,	2.63082	0.2126	0.0084687	2.268E-07	0.00847	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	7.0E-08	6.3E-07	0.0E+00	0.0E+00	0.0E+00	7.0E-07
95	RES2_	653208.12	4220123.76	653208.12,	2.18829	0.1956	0.0070442	2.087E-07	0.00704	1.7E-06	5.3E-06	3.0E-06	2.8E-06	1.3E-06	5.8E-08	5.3E-07	0.0E+00	0.0E+00	0.0E+00	5.9E-07
96	RES2_	653227.12	4220124.56	653227.12,	1.83995	0.18106	0.0059229	1.932E-07	0.00592	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	4.4E-07	0.0E+00	0.0E+00	0.0E+00	4.9E-07
97	RES2_	653247.12	4220124.56	653247.12,	1.56269	0.16808	0.0050304	1.793E-07	0.00503	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.2E-08	3.8E-07	0.0E+00	0.0E+00	0.0E+00	4.2E-07
98	RES2_	653267.12	4220124.56	653267.12,	1.33503	0.15662	0.0042975	1.671E-07	0.0043	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.5E-08	3.2E-07	0.0E+00	0.0E+00	0.0E+00	3.6E-07
99	RES2_	653287.12	4220124.56	653287.12,	1.1476	0.14646	0.0036942	1.563E-07	0.00369	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.1E-08	2.8E-07	0.0E+00	0.0E+00	0.0E+00	3.1E-07
100	RES2_	653307.12	4220124.56	653307.12,	0.99377	0.1374	0.003199	1.466E-07	0.0032	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.6E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
101	RES4_	652875.28	4219709.68	652875.28,	0.24325	1.01887	0.000783	1.087E-06	0.00078	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
102	RES4_	652895.28	4219709.68	652895.28,	0.25981	0.91769	0.0008363	9.791E-07	0.00084	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	6.3E-08	0.0E+00	0.0E+00	0.0E+00	7.0E-08
103	RES4_	652915.28	4219709.68	652915.28,	0.27927	0.83308	0.000899	8.889E-07	0.0009	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	6.7E-08	0.0E+00	0.0E+00	0.0E+00	7.5E-08
104	RES4_	652935.28	4219709.68	652935.28,	0.30207	0.76141	0.0009724	8.124E-07	0.00097	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.1E-08
105	RES4_	652955.28	4219709.68	652955.28,	0.32835	0.69996	0.001057	7.468E-07	0.00106	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	8.7E-09	7.9E-08	0.0E+00	0.0E+00	0.0E+00	8.8E-08
106	RES4_	652975.28	4219709.68	652975.28,	0.35795	0.64647	0.0011523	6.898E-07	0.00115	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	8.6E-08	0.0E+00	0.0E+00	0.0E+00	9.6E-08
107	RES4_	652995.28	4219709.68	652995.28,	0.39044	0.59944	0.0012568	6.396E-07	0.00126	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	9.4E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
108	RES4_	653015.28	4219709.68	653015.28,	0.42511	0.5576	0.0013684	5.949E-07	0.00137	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
109	RES4_	652875.28	4219729.68	652875.28,	0.27095	1.04192	0.0008722	1.112E-06	0.00087	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.2E-09	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.3E-08
110	RES4_	652895.28	4219729.68	652895.28,	0.29073	0.93722	0.0009359	1E-06	0.00094	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
111	RES4_	652915.28	4219729.68	652915.28,	0.31413	0.85003	0.0010112	9.069E-07	0.00101	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	7.6E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-08
112	RES4_	652935.28	4219729.68	652935.28,	0.3416	0.77647	0.0010996	8.285E-07	0.0011	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	8.2E-08	0.0E+00	0.0E+00	0.0E+00	9.1E-08
113	RES4_	652955.28	4219729.68	652955.28,	0.37328	0.71346	0.0012016	7.612E-07	0.0012	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	9.0E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
114	RES4_	652975.28	4219729.68	652975.28,	0.40885	0.6587	0.0013161	7.028E-07	0.00132	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
115	RES4_	652995.28	4219729.68	652995.28,	0.44765	0.61054	0.001441	6.514E-07	0.00144	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
116	RES4_	653015.28	4219729.68	653015.28,	0.48873	0.56767	0.0015732	6.057E-07	0.00157	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
117	RES4_	652875.28	4219749.68	652875.28,	0.30376	1.06619	0.0009778	1.138E-06	0.00098	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	8.1E-09	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.1E-08
118	RES4_	652895.28	4219749.68	652895.28,	0.32768	0.95792	0.0010548	1.022E-06	0.00106	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	8.7E-09	7.9E-08	0.0E+00	0.0E+00	0.0E+00	8.8E-08
119	RES4_	652915.28	4219749.68	652915.28,	0.35613	0.86813	0.0011464	9.263E-07	0.00115	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	8.6E-08	0.0E+00	0.0E+00	0.0E+00	9.5E-08
120	RES4_	652935.28	4219749.68	652935.28,	0.38963	0.79258	0.0012542	8.456E-07	0.00126	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	9.4E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
121	RES4_	652955.28	4219749.68	652955.28,	0.4282	0.728	0.0013784	7.767E-07	0.00138	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
122	RES4_	652975.28	4219749.68	652975.28,	0.47131	0.67194	0.0015172	7.169E-07	0.00152	3.8E-07	1.1E-06	6.6E-07	5.9E-07	2.7E-07	1.3E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
123	RES4_	652995.28	4219749.68	652995.28,	0.51797	0.6226	0.0016674	6.643E-07	0.00167	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.4E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
124	RES4_	653015.28	4219749.68	653015.28,	0.56691	0.57855	0.0018249	6.173E-07	0.00183	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
125	RES4_	652875.28	4219769.68	652875.28,	0.34299	1.09188	0.0011041	1.165E-06	0.00111	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	8.3E-08	0.0E+00	0.0E+00	0.0E+00	9.2E-08
126	RES4_	652895.28	4219769.68	652895.28,	0.37228	0.97997	0.0011984	1.046E-06	0.0012	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	9.0E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
127	RES4_	652915.28	4219769.68	652915.28,	0.40734	0.88759	0.0013112	9.47E-07	0.00131	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.1E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
128	RES4_	652935.28	4219769.68	652935.28,	0.44871	0.81009	0.0014444	8.643E-07	0.00145	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
129	RES4_	652955.28	4219769.68	652955.28,	0.49622	0.74397	0.0015973	7.938E-07	0.0016	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
130	RES4_	652975.28	4219769.68	652975.28,	0.54896	0.68651	0.0017671	7.325E-07	0.00177	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.5E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
131	RES4_	652995.28	4219769.68	652995.28,	0.60549	0.63583	0.0019491	6.784E-07	0.00195	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
132	RES4_	653015.28	4219769.68	653015.28,	0.66411	0.59051	0.0021378	6.3E-07	0.00214	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
133	RES4_	652875.28	4219789.68	652875.28,	0.39035	1.11939	0.0012566	1.194E-06	0.00126	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	9.4E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
134	RES4_	652895.28	4219789.68	652895.28,	0.42675	1.00381	0.0013737	1.071E-06	0.00137	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
135	RES4_	652915.28	4219789.68	652915.28,	0.4706	0.90882	0.0015149	9.697E-07	0.00152	3.7E-07	1.1E-06	6.6E-07	5.9E-07	2.7E-07	1.3E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
136	RES4_	652935.28	4219789.68	652935.28,	0.52243	0.8294	0.0016817	8.849E-07	0.00168	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
137	RES4_	652955.28	4219789.68	652955.28,	0.58171	0.76169	0.0018725	8.127E-07	0.00187	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
138	RES4_	652975.28	4219789.68	652975.28,	0.64691	0.70275	0.0020824	7.498E-07	0.00208	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
139	RES4_	652995.28	4219789.68	652995.28,	0.71592	0.65059	0.0023046	6.941E-07	0.00231	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
140	RES4_	653015.28	4219789.68	653015.28,	0.78651	0.60374	0.0025318	6.442E-07	0.00253	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
141	RES4_	652875.28	4219809.68	652875.28,	0.44822	1.149	0.0014428	1.226E-06	0.00144	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
142	RES4_	652895.28	4219809.68	652895.28,	0.49417	1.02982	0.0015908	1.099E-06	0.00159	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
143	RES4_	652915.28	4219809.68	652915.28,	0.54995	0.93235	0.0017703	9.948E-07	0.00177	4.4E-07	1.3E-06	7.7E-07	6.9E-07	3.2E-07	1.5E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
144	RES4_	652935.28	4219809.68	652935.28,	0.61596	0.85108	0.0019828	9.081E-07	0.00198	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
145	RES4_	652955.28	4219809.68	652955.28,	0.69096	0.78171	0.0022242	8.34E-07	0.00223	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
146	RES4_	652975.28	4219809.68	652975.28,	0.77245	0.72117	0.0024865	7.695E-07	0.00249	6.2E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
147	RES4_	652995.28	4219809.68	652995.28,	0.8574	0.66726	0.00276	7.119E-07	0.00276	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	2.1E-07	0.0E+00	0.0E+00	0.0E+00	2.3E-07
148	RES4_	653015.28	4219809.68	653015.28,	0.94287	0.61856	0.0030351	6.6E-07	0.00304	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
149	RES4_	652875.28	4219829.68	652875.28,	0.51991	1.18131	0.0016736	1.26E-06	0.00167	4.1E-07	1.3E-06	7.2E-07	6.6E-07	3.0E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
150	RES4_	652895.28	4219829.68	652895.28,	0.57901	1.05873	0.0018639	1.13E-06	0.00186	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
151	RES4_	652915.28	4219829.68	652915.28,	0.65136	0.959	0.0020968	1.023E-06	0.0021	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
152	RES4_	652935.28	4219829.68	652935.28,	0.73692	0.8759	0.0023722	9.345E-07	0.00237	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.0E-07
153	RES4_	652955.28	4219829.68	652955.28,	0.83323	0.8048	0.0026822	8.587E-07	0.00268	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
154	RES4_	652975.28	4219829.68	652975.28,	0.93628	0.74234	0.0030139	7.92E-07	0.00301	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
155	RES4_	652995.28	4219829.68	652995.28,	1.04171	0.68626	0.0033533	7.322E-07	0.00335	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.8E-08	2.5E-07	0.0E+00	0.0E+00	0.0E+00	2.8E-07
156	RES4_	653015.28	4219829.68	653015.28,	1.14575	0.63533	0.0036882	6.779E-07	0.00369	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	2.8E-07	0.0E+00	0.0E+00	0.0E+00	3.1E-07
157	RES4_	652875.28	4219849.68	652875.28,	0.61026	1.21721	0.0019644	1.299E-06	0.00197	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
158	RES4_	652895.28	4219849.68	652895.28,	0.68795	1.09157	0.0022145	1.165E-06	0.00222	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
159	RES4_	652915.28	4219849.68	652915.28,	0.78389	0.98984	0.0025234	1.056E-06	0.00252	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
160	RES4_	652935.28	4219849.68	652935.28,	0.89703	0.90504	0.0028876	9.656E-07	0.00289	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.4E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.4E-07
161	RES4_	652955.28	4219849.68	652955.28,	1.02267	0.83188	0.003292	8.876E-07	0.00329	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	2.5E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
162	RES4_	652975.28	4219849.68	652975.28,	1.15448	0.76702	0.0037163	8.184E-07	0.00372	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.1E-08	2.8E-07	0.0E+00	0.0E+00	0.0E+00	3.1E-07
163	RES4_	652995.28	4219849.68	652995.28,	1.28636	0.70825	0.0041408	7.557E-07	0.00414	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.4E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	3.4E-07
164	RES4_	653015.28	4219849.68	653015.28,	1.41356	0.6545	0.0045503	6.983E-07	0.00455	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	3.8E-08	3.4E-07	0.0E+00	0.0E+00	0.0E+00	3.8E-07
165	RES5_	653396.88	4219710.6	653396.88,	0.64409	0.1808	0.0020733	1.929E-07	0.00207	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
166	RES5_	653416.88	4219710.6	653416.88,	0.61911	0.17182	0.0019929	1.833E-07	0.00199	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
167	RES5_	653436.88	4219710.6	653436.88,	0.59312	0.16341	0.0019093	1.744E-07	0.00191	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
168	RES5_	653456.88	4219710.6	653456.88,	0.56658	0.15554	0.0018238	1.66E-07	0.00182	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
169	RES5_	653476.88	4219710.6	653476.88,	0.53988	0.14817	0.0017379	1.581E-07	0.00174	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
170	RES5_	653496.88	4219710.6	653496.88,	0.51333	0.14127	0.0016524	1.507E-07	0.00165	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.4E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
171	RES5_	653516.88	4219710.6	653516.88,	0.4872	0.1348	0.0015683	1.438E-07	0.00157	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
172	RES5_	653396.88	4219730.6	653396.88,	0.69701	0.17983	0.0022437	1.919E-07	0.00224	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
173	RES5_	653416.88	4219730.6	653416.88,	0.66601	0.17071	0.0021439	1.821E-07	0.00214	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
174	RES5_	653436.88	4219730.6	653436.88,	0.63431	0.1622	0.0020419	1.731E-07	0.00204	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
175	RES5_	653456.88	4219730.6	653456.88,	0.60245	0.15424	0.0019393	1.646E-07	0.00194	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
176	RES5_	653476.88	4219730.6	653476.88,	0.57083	0.14681	0.0018375	1.566E-07	0.00184	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
177	RES5_	653496.88	4219730.6	653496.88,	0.53982	0.13986	0.0017377	1.492E-07	0.00174	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
178	RES5_	653516.88	4219730.6	653516.88,	0.50967	0.13337	0.0016406	1.423E-07	0.00164	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.4E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
179	RES5_	653396.88	4219750.6	653396.88,	0.75308	0.17859	0.0024242	1.905E-07	0.00242	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.0E-07
180	RES5_	653416.88	4219750.6	653416.88,	0.71489	0.16935	0.0023013	1.807E-07	0.0023	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
181	RES5_	653436.88	4219750.6	653436.88,	0.67651	0.16074	0.0021777	1.715E-07	0.00218	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
182	RES5_	653456.88	4219750.6	653456.88,	0.63852	0.15272	0.0020554	1.629E-07	0.00206	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
183	RES5_	653476.88	4219750.6	653476.88,	0.60138	0.14524	0.0019359	1.55E-07	0.00194	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
184	RES5_	653496.88	4219750.6	653496.88,	0.56542	0.13826	0.0018201	1.475E-07	0.00182	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
185	RES5_	653516.88	4219750.6	653516.88,	0.53093	0.13175	0.0017091	1.406E-07	0.00171	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
186	RES5_	653396.88	4219770.6	653396.88,	0.81178	0.17706	0.0026131	1.889E-07	0.00261	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
187	RES5_	653416.88	4219770.6	653416.88,	0.76508	0.16771	0.0024628	1.789E-07	0.00246	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.0E-07

188	RES5_	653436.88	4219770.6	653436.88, 4	0.71896	0.15903	0.0023144	1.697E-07	0.00231	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
189	RES5_	653456.88	4219770.6	653456.88, 4	0.67403	0.15096	0.0021697	1.611E-07	0.00217	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
190	RES5_	653476.88	4219770.6	653476.88, 4	0.63075	0.14345	0.0020304	1.531E-07	0.00203	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
191	RES5_	653496.88	4219770.6	653496.88, 4	0.58945	0.13647	0.0018975	1.456E-07	0.0019	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
192	RES5_	653516.88	4219770.6	653516.88, 4	0.55036	0.12996	0.0017716	1.387E-07	0.00177	4.4E-07	1.3E-06	7.7E-07	6.9E-07	3.2E-07	1.5E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
193	RES5_	653476.88	4219790.6	653476.88, 4	0.65803	0.14144	0.0021182	1.509E-07	0.00212	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
194	RES5_	653496.88	4219790.6	653496.88, 4	0.61109	0.13447	0.0019671	1.435E-07	0.00197	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
195	RES5_	653516.88	4219790.6	653516.88, 4	0.56728	0.12798	0.0018261	1.365E-07	0.00183	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
196	RES5_	653476.88	4219810.6	653476.88, 4	0.68219	0.13921	0.002196	1.485E-07	0.0022	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
197	RES5_	653496.88	4219810.6	653496.88, 4	0.62948	0.13227	0.0020263	1.411E-07	0.00203	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
198	RES5_	653516.88	4219810.6	653516.88, 4	0.58097	0.12583	0.0018702	1.343E-07	0.00187	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
199	RES5_	653476.88	4219830.6	653476.88, 4	0.70207	0.13675	0.00226	1.459E-07	0.00226	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.0E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
200	RES5_	653496.88	4219830.6	653496.88, 4	0.64369	0.12987	0.0020721	1.386E-07	0.00207	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
201	RES5_	653516.88	4219830.6	653516.88, 4	0.59073	0.1235	0.0019016	1.318E-07	0.0019	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
202	RES5_	653476.88	4219850.6	653476.88, 4	0.71649	0.13408	0.0023064	1.431E-07	0.00231	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
203	RES5_	653496.88	4219850.6	653496.88, 4	0.65287	0.12729	0.0021016	1.358E-07	0.0021	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
204	RES5_	653516.88	4219850.6	653516.88, 4	0.59594	0.12101	0.0019184	1.291E-07	0.00192	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
205	RES5_	653476.88	4219870.6	653476.88, 4	0.72439	0.13121	0.0023318	1.4E-07	0.00233	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
206	RES5_	653496.88	4219870.6	653496.88, 4	0.65628	0.12453	0.0021126	1.329E-07	0.00211	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
207	RES5_	653516.88	4219870.6	653516.88, 4	0.59615	0.11837	0.001919	1.263E-07	0.00192	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
208	RES5_	653476.88	4219890.6	653476.88, 4	0.72493	0.12816	0.0023336	1.367E-07	0.00233	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
209	RES5_	653496.88	4219890.6	653496.88, 4	0.65346	0.12162	0.0021035	1.298E-07	0.0021	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
210	RES5_	653516.88	4219890.6	653516.88, 4	0.59111	0.1156	0.0019028	1.233E-07	0.0019	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
211	SCH_	652096.56	4220162.55	652096.56, 4	0.05992	0.12616	0.0001929	1.346E-07	0.00019	4.8E-08	1.4E-07	8.3E-08	7.6E-08	3.5E-08	1.6E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
212	SCH_	652116.56	4220162.55	652116.56, 4	0.06243	0.13119	0.000201	1.4E-07	0.0002	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
213	SCH_	652136.56	4220162.55	652136.56, 4	0.06514	0.13651	0.0002097	1.456E-07	0.00021	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
214	SCH_	652156.56	4220162.55	652156.56, 4	0.06805	0.14216	0.0002191	1.517E-07	0.00022	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
215	SCH_	652176.56	4220162.55	652176.56, 4	0.07119	0.14816	0.0002292	1.581E-07	0.00023	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
216	SCH_	652196.56	4220162.55	652196.56, 4	0.07458	0.15458	0.0002401	1.649E-07	0.00024	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
217	SCH_	652216.56	4220162.55	652216.56, 4	0.07826	0.16145	0.0002519	1.723E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
218	SCH_	652236.56	4220162.55	652236.56, 4	0.08226	0.16883	0.0002648	1.801E-07	0.00026	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
219	SCH_	652256.56	4220162.55	652256.56, 4	0.08662	0.17679	0.0002788	1.886E-07	0.00028	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
220	SCH_	652276.56	4220162.55	652276.56, 4	0.09138	0.18542	0.0002942	1.978E-07	0.00029	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
221	SCH_	652296.56	4220162.55	652296.56, 4	0.0966	0.19479	0.000311	2.078E-07	0.00031	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.6E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
222	SCH_	652316.56	4220162.55	652316.56, 4	0.10233	0.20503	0.0003294	2.188E-07	0.00033	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
223	SCH_	652336.56	4220162.55	652336.56, 4	0.10866	0.21627	0.0003498	2.307E-07	0.00035	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
224	SCH_	652356.56	4220162.55	652356.56, 4	0.11567	0.22865	0.0003723	2.44E-07	0.00037	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
225	SCH_	652376.56	4220162.55	652376.56, 4	0.12346	0.24236	0.0003974	2.586E-07	0.0004	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
226	SCH_	652396.56	4220162.55	652396.56, 4	0.13216	0.25766	0.0004254	2.749E-07	0.00043	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
227	SCH_	652416.56	4220162.55	652416.56, 4	0.14191	0.2748	0.0004568	2.932E-07	0.00046	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
228	SCH_	652436.56	4220162.55	652436.56, 4	0.15289	0.29412	0.0004922	3.138E-07	0.00049	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
229	SCH_	652456.56	4220162.55	652456.56, 4	0.16534	0.31612	0.0005322	3.373E-07	0.00053	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
230	SCH_	652096.56	4220182.55	652096.56, 4	0.06062	0.12464	0.0001951	1.33E-07	0.0002	4.8E-08	1.5E-07	8.4E-08	7.7E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
231	SCH_	652116.56	4220182.55	652116.56, 4	0.06319	0.12951	0.0002034	1.382E-07	0.0002	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
232	SCH_	652136.56	4220182.55	652136.56, 4	0.06597	0.13465	0.0002124	1.437E-07	0.00021	5.3E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
233	SCH_	652156.56	4220182.55	652156.56, 4	0.06895	0.14011	0.000222	1.495E-07	0.00022	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
234	SCH_	652176.56	4220182.55	652176.56, 4	0.07218	0.14591	0.0002323	1.557E-07	0.00023	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
235	SCH_	652196.56	4220182.55	652196.56, 4	0.07567	0.1521	0.0002436	1.623E-07	0.00024	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
236	SCH_	652216.56	4220182.55	652216.56, 4	0.07945	0.15872	0.0002558	1.693E-07	0.00026	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
237	SCH_	652236.56	4220182.55	652236.56, 4	0.08356	0.16582	0.000269	1.769E-07	0.00027	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
238	SCH_	652256.56	4220182.55	652256.56, 4	0.08805	0.17348	0.0002834	1.851E-07	0.00028	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
239	SCH_	652276.56	4220182.55	652276.56, 4	0.09296	0.18176	0.0002992	1.939E-07	0.0003	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
240	SCH_	652296.56	4220182.55	652296.56, 4	0.09834	0.19075	0.0003166	2.035E-07	0.00032	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
241	SCH_	652316.56	4220182.55	652316.56, 4	0.10426	0.20056	0.0003356	2.14E-07	0.00034	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
242	SCH_	652336.56	4220182.55	652336.56, 4	0.11079	0.2113	0.0003566	2.254E-07	0.00036	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
243	SCH_	652356.56	4220182.55	652356.56, 4	0.11803	0.22311	0.0003799	2.38E-07	0.00038	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
244	SCH_	652376.56	4220182.55	652376.56, 4	0.12609	0.23618	0.0004059	2.52E-07	0.00041	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
245	SCH_	652396.56	4220182.55	652396.56, 4	0.13509	0.25069	0.0004349	2.675E-07	0.00044	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
246	SCH_	652416.56	4220182.55	652416.56, 4	0.14518	0.26692	0.0004673	2.848E-07	0.00047	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
247	SCH_	652436.56	4220182.55	652436.56, 4	0.15656	0.28516	0.000504	3.043E-07	0.0005	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
248	SCH_	652456.56	4220182.55	652456.56, 4	0.16947	0.30586	0.0005455	3.263E-07	0.00055	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
249	SCH_	652476.56	4220182.55	652476.56, 4	0.1842	0.32957	0.0005929	3.516E-07	0.00059	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
250	SCH_	652096.56	4220202.55	652096.56, 4	0.06142	0.12312	0.0001977	1.314E-07	0.0002	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
251	SCH_	652116.56	4220202.55	652116.56, 4	0.06407	0.12782	0.0002062	1.364E-07	0.00021	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
252	SCH_	652136.56	4220202.55	652136.56, 4	0.06692	0.1328	0.0002154	1.417E-07	0.00022	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
253	SCH_	652156.56	4220202.55	652156.56, 4	0.06999	0.13806	0.0002253	1.473E-07	0.00023	5.6E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
254	SCH_	652176.56	4220202.55	652176.56, 4	0.0733	0.14366	0.000236	1.533E-07	0.00024	5.8E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	1.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
255	SCH_	652196.56	4220202.55	652196.56, 4	0.07689	0.14963	0.0002475	1.596E-07	0.00025	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.0E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
256	SCH_	652216.56	4220202.55	652216.56, 4	0.08079	0.15601	0.0002601	1.665E-07	0.00026	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.7E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
257	SCH_	652236.56	4220202.55	652236.56, 4	0.08503	0.16285	0.0002737	1.738E-07	0.00027	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
258	SCH_	652256.56	4220202.55	652256.56, 4	0.08965	0.17021	0.0002886	1.816E-07	0.00029	7.1E-08	2.2E-07	1.2E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
259	SCH_	652276.56	4220202.55	652276.56, 4	0.09471	0.17816	0.0003049	1.901E-07	0.00031	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
260	SCH_	652296.56	4220202.55	652296.56, 4	0.10026	0.18678	0.0003227	1.993E-07	0.00032	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
261	SCH_	652316.56	4220202.55	652316.56, 4	0.10637	0.19616	0.0003424	2.093E-07	0.00034	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
262	SCH_	652336.56	4220202.55	652336.56, 4	0.11312	0.20642	0.0003641	2.202E-07	0.00036	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
263	SCH_	652356.56	4220202.55	652356.56, 4	0.1206	0.21768	0.0003882	2.323E-07	0.00039	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
264	SCH_	652376.56	4220202.55	652376.56, 4	0.12893	0.23011	0.000415	2.455E-07	0.00042	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
265	SCH_	652396.56	4220202.55	652396.56, 4	0.13823	0.24387	0.000445	2.602E-07	0.00045	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	3.7E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
266	SCH_	652416.56	4220202.55	652416.56, 4	0.14868	0.25921	0.0004786	2.766E-07	0.00048	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
267	SCH_	652436.56	4220202.55	652436.56, 4	0.16045	0.27641	0.0005165	2.949E-07	0.00052	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
268	SCH_	652456.56	4220202.55	652456.56, 4	0.17381	0.29584	0.0005595	3.156E-07	0.00056	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
269	SCH_	652476.56	4220202.55	652476.56, 4	0.18906	0.318	0.0006086	3.393E-07	0.00061	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
270	SCH_	652096.56	4220222.55	652096.56, 4	0.06233	0.12158	0.0002006	1.297E-07	0.0002	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
271	SCH_	652116.56	4220222.55	652116.56, 4	0.06505	0.12613	0.0002094	1.346E-07	0.00021	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
272	SCH_	652136.56	4220222.55	652136.56, 4	0.06798	0.13094	0.0002188	1.397E-07	0.00022	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
273	SCH_	652156.56	4220222.55	652156.56, 4	0.07114	0.13602	0.000229	1.451E-07	0.00023	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
274	SCH_	652176.56	4220222.55	652176.56, 4	0.07455	0.14143	0.00024	1.509E-07	0.00024	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
275	SCH_	652196.56	4220222.55	652196.56, 4	0.07824	0.14718	0.0002519	1.57E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
276	SCH_	652216.56	4220222.55	652216.56, 4	0.08225	0.15332	0.0002648	1.636E-07	0.00026	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
277	SCH_	652236.56	4220222.55	652236.56, 4	0.08662	0.15989	0.0002788	1.706E-07	0.00028	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
278	SCH_	652256.56	4220222.55	652256.56, 4	0.09138	0.16696	0.0002942	1.781E-07	0.00029	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
279	SCH_	652276.56	4220222.55	652276.56, 4	0.09659	0.17459	0.0003109	1.863E-07	0.00031	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.6E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
280	SCH_	652296.56	4220222.55	652296.56, 4	0.10231	0.18285	0.0003293	1.951E-07	0.00033	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
281	SCH_	652316.56	4220222.55	652316.56, 4	0.10862	0.19182	0.0003497	2.047E-07	0.00035	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
282	SCH_	652336.56	4220222.55	652336.56, 4	0.11558	0.2016	0.0003721	2.151E-07	0.00037	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
283	SCH_	652356.56	4220222.55	652356.56, 4	0.1233	0.21232	0.0003969	2.265E-07	0.0004	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
284	SCH_	652376.56	4220222.55	652376.56, 4	0.13189	0.22411	0.0004246	2.391E-07	0.00042	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
285	SCH_	652396.56	4220222.55	652396.56, 4	0.14149	0.23714	0.0004555	2.53E-07	0.00046	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.8E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08

286	SCH_	652416.56	4220222.55	652416.56, ‹	0.15228	0.25162	0.0004902	2.685E-07	0.00049	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
287	SCH_	652436.56	4220222.55	652436.56, ‹	0.16443	0.26778	0.0005293	2.857E-07	0.00053	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
288	SCH_	652456.56	4220222.55	652456.56, ‹	0.17823	0.28599	0.0005737	3.051E-07	0.00057	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
289	SCH_	652476.56	4220222.55	652476.56, ‹	0.19397	0.30664	0.0006244	3.272E-07	0.00062	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	5.2E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
290	SCH_	652096.56	4220242.55	652096.56, ‹	0.06333	0.12004	0.0002039	1.281E-07	0.0002	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
291	SCH_	652116.56	4220242.55	652116.56, ‹	0.06612	0.12444	0.0002128	1.328E-07	0.00021	5.3E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
292	SCH_	652136.56	4220242.55	652136.56, ‹	0.06913	0.12908	0.0002225	1.377E-07	0.00022	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
293	SCH_	652156.56	4220242.55	652156.56, ‹	0.07238	0.13399	0.000233	1.43E-07	0.00023	5.8E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
294	SCH_	652176.56	4220242.55	652176.56, ‹	0.07588	0.1392	0.0002443	1.485E-07	0.00024	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
295	SCH_	652196.56	4220242.55	652196.56, ‹	0.07968	0.14473	0.0002565	1.544E-07	0.00026	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
296	SCH_	652216.56	4220242.55	652216.56, ‹	0.0838	0.15064	0.0002698	1.607E-07	0.00027	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
297	SCH_	652236.56	4220242.55	652236.56, ‹	0.08829	0.15696	0.0002842	1.675E-07	0.00028	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
298	SCH_	652256.56	4220242.55	652256.56, ‹	0.09319	0.16374	0.0003	1.747E-07	0.0003	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
299	SCH_	652276.56	4220242.55	652276.56, ‹	0.09856	0.17105	0.0003173	1.825E-07	0.00032	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
300	SCH_	652296.56	4220242.55	652296.56, ‹	0.10445	0.17894	0.0003362	1.909E-07	0.00034	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
301	SCH_	652316.56	4220242.55	652316.56, ‹	0.11093	0.1875	0.0003571	2.001E-07	0.00036	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
302	SCH_	652336.56	4220242.55	652336.56, ‹	0.1181	0.19682	0.0003802	2.1E-07	0.00038	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
303	SCH_	652356.56	4220242.55	652356.56, ‹	0.12605	0.207	0.0004058	2.209E-07	0.00041	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
304	SCH_	652376.56	4220242.55	652376.56, ‹	0.13489	0.21817	0.0004342	2.328E-07	0.00043	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
305	SCH_	652396.56	4220242.55	652396.56, ‹	0.14478	0.23047	0.0004661	2.459E-07	0.00047	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
306	SCH_	652416.56	4220242.55	652416.56, ‹	0.15587	0.24408	0.0005018	2.604E-07	0.0005	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
307	SCH_	652436.56	4220242.55	652436.56, ‹	0.16838	0.25919	0.000542	2.765E-07	0.00054	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
308	SCH_	652456.56	4220242.55	652456.56, ‹	0.18257	0.27618	0.0005877	2.947E-07	0.00059	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.9E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
309	SCH_	652476.56	4220242.55	652476.56, ‹	0.19874	0.29529	0.0006398	3.151E-07	0.00064	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
310	SCH_	652096.56	4220262.55	652096.56, ‹	0.06439	0.11849	0.0002073	1.264E-07	0.00021	5.1E-08	1.5E-07	9.0E-08	8.1E-08	3.7E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
311	SCH_	652116.56	4220262.55	652116.56, ‹	0.06726	0.12273	0.0002165	1.309E-07	0.00022	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
312	SCH_	652136.56	4220262.55	652136.56, ‹	0.07034	0.12721	0.0002264	1.357E-07	0.00023	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
313	SCH_	652156.56	4220262.55	652156.56, ‹	0.07367	0.13194	0.0002371	1.408E-07	0.00024	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
314	SCH_	652176.56	4220262.55	652176.56, ‹	0.07727	0.13696	0.0002487	1.461E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.4E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
315	SCH_	652196.56	4220262.55	652196.56, ‹	0.08117	0.14229	0.0002613	1.518E-07	0.00026	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
316	SCH_	652216.56	4220262.55	652216.56, ‹	0.0854	0.14796	0.0002749	1.579E-07	0.00028	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
317	SCH_	652236.56	4220262.55	652236.56, ‹	0.09001	0.15403	0.0002897	1.643E-07	0.00029	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
318	SCH_	652256.56	4220262.55	652256.56, ‹	0.09504	0.16052	0.0003059	1.713E-07	0.00031	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
319	SCH_	652276.56	4220262.55	652276.56, ‹	0.10055	0.16751	0.0003237	1.787E-07	0.00032	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
320	SCH_	652296.56	4220262.55	652296.56, ‹	0.10659	0.17504	0.0003431	1.868E-07	0.00034	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
321	SCH_	652316.56	4220262.55	652316.56, ‹	0.11325	0.18319	0.0003646	1.955E-07	0.00036	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
322	SCH_	652336.56	4220262.55	652336.56, ‹	0.12061	0.19204	0.0003882	2.049E-07	0.00039	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
323	SCH_	652356.56	4220262.55	652356.56, ‹	0.12877	0.20167	0.0004145	2.152E-07	0.00041	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
324	SCH_	652376.56	4220262.55	652376.56, ‹	0.13785	0.21221	0.0004437	2.264E-07	0.00044	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.7E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
325	SCH_	652396.56	4220262.55	652396.56, ‹	0.148	0.22377	0.0004764	2.388E-07	0.00048	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
326	SCH_	652416.56	4220262.55	652416.56, ‹	0.15938	0.23651	0.000513	2.523E-07	0.00051	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
327	SCH_	652436.56	4220262.55	652436.56, ‹	0.1722	0.2506	0.0005543	2.674E-07	0.00055	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
328	SCH_	652456.56	4220262.55	652456.56, ‹	0.18673	0.26632	0.0006011	2.842E-07	0.0006	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
329	SCH_	652476.56	4220262.55	652476.56, ‹	0.20326	0.28388	0.0006543	3.029E-07	0.00065	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
330	SCH_	652096.56	4220282.55	652096.56, ‹	0.06548	0.11692	0.0002108	1.247E-07	0.00021	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
331	SCH_	652116.56	4220282.55	652116.56, ‹	0.06842	0.12102	0.0002202	1.291E-07	0.00022	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
332	SCH_	652136.56	4220282.55	652136.56, ‹	0.07158	0.12533	0.0002304	1.337E-07	0.00023	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
333	SCH_	652156.56	4220282.55	652156.56, ‹	0.07499	0.12989	0.0002414	1.386E-07	0.00024	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
334	SCH_	652176.56	4220282.55	652176.56, ‹	0.07867	0.13471	0.0002532	1.437E-07	0.00025	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
335	SCH_	652196.56	4220282.55	652196.56, ‹	0.08266	0.13983	0.0002661	1.492E-07	0.00027	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
336	SCH_	652216.56	4220282.55	652216.56, ‹	0.087	0.14527	0.0002801	1.55E-07	0.00028	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
337	SCH_	652236.56	4220282.55	652236.56, ‹	0.09172	0.15108	0.0002952	1.612E-07	0.0003	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
338	SCH_	652256.56	4220282.55	652256.56, ‹	0.09687	0.15729	0.0003118	1.678E-07	0.00031	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.6E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
339	SCH_	652276.56	4220282.55	652276.56, ‹	0.10251	0.16395	0.00033	1.749E-07	0.00033	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
340	SCH_	652296.56	4220282.55	652296.56, ‹	0.1087	0.17112	0.0003499	1.826E-07	0.00035	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
341	SCH_	652316.56	4220282.55	652316.56, ‹	0.11552	0.17885	0.0003719	1.908E-07	0.00037	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
342	SCH_	652336.56	4220282.55	652336.56, ‹	0.12306	0.18722	0.0003961	1.998E-07	0.0004	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
343	SCH_	652356.56	4220282.55	652356.56, ‹	0.13141	0.19631	0.000423	2.095E-07	0.00042	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
344	SCH_	652376.56	4220282.55	652376.56, ‹	0.14071	0.20621	0.000453	2.2E-07	0.00045	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.7E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
345	SCH_	652396.56	4220282.55	652396.56, ‹	0.15109	0.21702	0.0004864	2.315E-07	0.00049	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
346	SCH_	652416.56	4220282.55	652416.56, ‹	0.16272	0.22888	0.0005238	2.442E-07	0.00052	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
347	SCH_	652436.56	4220282.55	652436.56, ‹	0.17582	0.24193	0.000566	2.581E-07	0.00057	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
348	SCH_	652456.56	4220282.55	652456.56, ‹	0.19063	0.25639	0.0006136	2.736E-07	0.00061	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
349	SCH_	652476.56	4220282.55	652476.56, ‹	0.20744	0.27241	0.0006678	2.906E-07	0.00067	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
350	SCH_	652096.56	4220302.55	652096.56, ‹	0.06658	0.11532	0.0002143	1.23E-07	0.00021	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
351	SCH_	652116.56	4220302.55	652116.56, ‹	0.06958	0.11927	0.000224	1.273E-07	0.00022	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
352	SCH_	652136.56	4220302.55	652136.56, ‹	0.07281	0.12343	0.0002344	1.317E-07	0.00023	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
353	SCH_	652156.56	4220302.55	652156.56, ‹	0.07629	0.12781	0.0002456	1.364E-07	0.00025	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
354	SCH_	652176.56	4220302.55	652176.56, ‹	0.08006	0.13244	0.0002577	1.413E-07	0.00026	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
355	SCH_	652196.56	4220302.55	652196.56, ‹	0.08414	0.13734	0.0002708	1.465E-07	0.00027	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
356	SCH_	652216.56	4220302.55	652216.56, ‹	0.08857	0.14255	0.0002851	1.521E-07	0.00029	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
357	SCH_	652236.56	4220302.55	652236.56, ‹	0.09339	0.1481	0.0003006	1.58E-07	0.0003	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
358	SCH_	652256.56	4220302.55	652256.56, ‹	0.09865	0.15401	0.0003176	1.643E-07	0.00032	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
359	SCH_	652276.56	4220302.55	652276.56, ‹	0.10442	0.16035	0.0003361	1.711E-07	0.00034	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
360	SCH_	652296.56	4220302.55	652296.56, ‹	0.11075	0.16715	0.0003565	1.783E-07	0.00036	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
361	SCH_	652316.56	4220302.55	652316.56, ‹	0.11772	0.17446	0.0003789	1.861E-07	0.00038	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
362	SCH_	652336.56	4220302.55	652336.56, ‹	0.12541	0.18235	0.0004037	1.946E-07	0.0004	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
363	SCH_	652356.56	4220302.55	652356.56, ‹	0.13395	0.19089	0.0004312	2.037E-07	0.00043	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
364	SCH_	652376.56	4220302.55	652376.56, ‹	0.14343	0.20014	0.0004617	2.135E-07	0.00046	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
365	SCH_	652396.56	4220302.55	652396.56, ‹	0.15402	0.21021	0.0004958	2.243E-07	0.0005	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
366	SCH_	652416.56	4220302.55	652416.56, ‹	0.16586	0.22116	0.0005339	2.36E-07	0.00053	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
367	SCH_	652436.56	4220302.55	652436.56, ‹	0.17918	0.23317	0.0005768	2.488E-07	0.00058	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
368	SCH_	652456.56	4220302.55	652456.56, ‹	0.1942	0.24633	0.0006251	2.628E-07	0.00063	1.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
369	SCH_	652476.56	4220302.55	652476.56, ‹	0.21118	0.26077	0.0006798	2.782E-07	0.00068	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
370	SCH_	652096.56	4220322.55	652096.56, ‹	0.06766	0.11369	0.0002178	1.213E-07	0.00022	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
371	SCH_	652116.56	4220322.55	652116.56, ‹	0.07072	0.11749	0.0002277	1.254E-07	0.00023	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
372	SCH_	652136.56	4220322.55	652136.56, ‹	0.07401	0.12149	0.0002382	1.296E-07	0.00024	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
373	SCH_	652156.56	4220322.55	652156.56, ‹	0.07756	0.12569	0.0002497	1.341E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
374	SCH_	652176.56	4220322.55	652176.56, ‹	0.0814	0.13013	0.000262	1.388E-07	0.00026	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
375	SCH_	652196.56	4220322.55	652196.56, ‹	0.08556	0.13482	0.0002754	1.438E-07	0.00028	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
376	SCH_	652216.56	4220322.55	652216.56, ‹	0.09008	0.13979	0.00029	1.491E-07	0.00029	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
377	SCH_	652236.56	4220322.55	652236.56, ‹	0.095	0.14508	0.0003058	1.548E-07	0.00031	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
378	SCH_	652256.56	4220322.55	652256.56, ‹	0.10037	0.1507	0.0003231	1.608E-07	0.00032	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
379	SCH_	652276.56	4220322.55	652276.56, ‹	0.10625	0.15671	0.000342	1.672E-07	0.00034	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
380	SCH_	652296.56	4220322.55	652296.56, ‹	0.11271	0.16314	0.0003628	1.741E-07	0.00036	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
381	SCH_	652316.56	4220322.55	652316.56, ‹	0.11982	0.17003	0.0003857	1.814E-07	0.00039	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
382	SCH_	652336.56	4220322.55	652336.56, ‹	0.12766	0.17743	0.0004109	1.893E-07	0.00041	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
383	SCH_	652356.56	4220322.55	652356.56, ‹	0.13636	0.1854	0.0004389	1.978E-07	0.00044	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08

384	SCH_	652376.56	4220322.55	652376.56, 4	0.14601	0.19401	0.00047	2.07E-07	0.00047	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
385	SCH_	652396.56	4220322.55	652396.56, 4	0.15676	0.20331	0.0005046	2.169E-07	0.0005	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
386	SCH_	652416.56	4220322.55	652416.56, 4	0.16879	0.21338	0.0005433	2.277E-07	0.00054	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
387	SCH_	652436.56	4220322.55	652436.56, 4	0.18227	0.22434	0.0005867	2.394E-07	0.00059	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
388	SCH_	652456.56	4220322.55	652456.56, 4	0.19741	0.23621	0.0006355	2.52E-07	0.00064	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
389	SCH_	652476.56	4220322.55	652476.56, 4	0.21446	0.24909	0.0006904	2.658E-07	0.00069	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
390	SCH_	652096.56	4220342.55	652096.56, 4	0.0687	0.11203	0.0002211	1.195E-07	0.00022	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
391	SCH_	652116.56	4220342.55	652116.56, 4	0.07181	0.11568	0.0002312	1.234E-07	0.00023	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
392	SCH_	652136.56	4220342.55	652136.56, 4	0.07516	0.11951	0.0002419	1.275E-07	0.00024	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
393	SCH_	652156.56	4220342.55	652156.56, 4	0.07878	0.12354	0.0002536	1.318E-07	0.00025	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
394	SCH_	652176.56	4220342.55	652176.56, 4	0.08269	0.12778	0.0002662	1.363E-07	0.00027	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
395	SCH_	652196.56	4220342.55	652196.56, 4	0.08692	0.13225	0.0002798	1.411E-07	0.00028	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
396	SCH_	652216.56	4220342.55	652216.56, 4	0.09153	0.13699	0.0002946	1.462E-07	0.00029	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
397	SCH_	652236.56	4220342.55	652236.56, 4	0.09654	0.14201	0.0003108	1.515E-07	0.00031	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.6E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
398	SCH_	652256.56	4220342.55	652256.56, 4	0.10201	0.14734	0.0003284	1.572E-07	0.00033	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
399	SCH_	652276.56	4220342.55	652276.56, 4	0.108	0.15301	0.0003477	1.633E-07	0.00035	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
400	SCH_	652296.56	4220342.55	652296.56, 4	0.11458	0.15906	0.0003688	1.697E-07	0.00037	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.0E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
401	SCH_	652316.56	4220342.55	652316.56, 4	0.12181	0.16553	0.0003921	1.766E-07	0.00039	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
402	SCH_	652336.56	4220342.55	652336.56, 4	0.1298	0.17244	0.0004178	1.84E-07	0.00042	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
403	SCH_	652356.56	4220342.55	652356.56, 4	0.13863	0.17986	0.0004463	1.919E-07	0.00045	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	3.7E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
404	SCH_	652376.56	4220342.55	652376.56, 4	0.14842	0.18781	0.0004778	2.004E-07	0.00048	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
405	SCH_	652396.56	4220342.55	652396.56, 4	0.15931	0.19635	0.0005128	2.095E-07	0.00051	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
406	SCH_	652416.56	4220342.55	652416.56, 4	0.17145	0.20553	0.0005519	2.193E-07	0.00055	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
407	SCH_	652436.56	4220342.55	652436.56, 4	0.18502	0.21543	0.0005956	2.299E-07	0.0006	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
408	SCH_	652456.56	4220342.55	652456.56, 4	0.20019	0.22603	0.0006444	2.412E-07	0.00064	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
409	SCH_	652476.56	4220342.55	652476.56, 4	0.21719	0.23737	0.0006991	2.533E-07	0.0007	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.8E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
410	SCH_	652096.56	4220362.55	652096.56, 4	0.06969	0.11033	0.0002243	1.177E-07	0.00022	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
411	SCH_	652116.56	4220362.55	652116.56, 4	0.07286	0.11383	0.0002345	1.215E-07	0.00023	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
412	SCH_	652136.56	4220362.55	652136.56, 4	0.07626	0.1175	0.0002455	1.254E-07	0.00025	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
413	SCH_	652156.56	4220362.55	652156.56, 4	0.07994	0.12134	0.0002573	1.295E-07	0.00026	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
414	SCH_	652176.56	4220362.55	652176.56, 4	0.08392	0.12539	0.0002701	1.338E-07	0.00027	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
415	SCH_	652196.56	4220362.55	652196.56, 4	0.08823	0.12965	0.000284	1.383E-07	0.00028	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
416	SCH_	652216.56	4220362.55	652216.56, 4	0.09291	0.13414	0.0002991	1.431E-07	0.0003	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
417	SCH_	652236.56	4220362.55	652236.56, 4	0.09802	0.1389	0.0003155	1.482E-07	0.00032	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
418	SCH_	652256.56	4220362.55	652256.56, 4	0.10359	0.14393	0.0003335	1.536E-07	0.00033	8.2E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
419	SCH_	652276.56	4220362.55	652276.56, 4	0.10968	0.14927	0.0003531	1.593E-07	0.00035	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
420	SCH_	652296.56	4220362.55	652296.56, 4	0.11637	0.15494	0.0003746	1.653E-07	0.00037	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
421	SCH_	652316.56	4220362.55	652316.56, 4	0.12372	0.16098	0.0003983	1.718E-07	0.0004	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
422	SCH_	652336.56	4220362.55	652336.56, 4	0.13182	0.1674	0.0004243	1.786E-07	0.00042	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
423	SCH_	652356.56	4220362.55	652356.56, 4	0.14077	0.17425	0.0004531	1.859E-07	0.00045	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.7E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
424	SCH_	652376.56	4220362.55	652376.56, 4	0.15067	0.18155	0.000485	1.937E-07	0.00049	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
425	SCH_	652396.56	4220362.55	652396.56, 4	0.16164	0.18933	0.0005203	2.02E-07	0.00052	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
426	SCH_	652416.56	4220362.55	652416.56, 4	0.17384	0.19764	0.0005596	2.109E-07	0.00056	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
427	SCH_	652436.56	4220362.55	652436.56, 4	0.18741	0.20647	0.0006033	2.203E-07	0.0006	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
428	SCH_	652456.56	4220362.55	652456.56, 4	0.2025	0.21582	0.0006519	2.303E-07	0.00065	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
429	SCH_	652476.56	4220362.55	652476.56, 4	0.21931	0.22565	0.000706	2.408E-07	0.00071	1.7E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.8E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
430	SCH_	652096.56	4220382.55	652096.56, 4	0.07064	0.1086	0.0002274	1.159E-07	0.00023	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
431	SCH_	652116.56	4220382.55	652116.56, 4	0.07385	0.11194	0.0002377	1.194E-07	0.00024	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
432	SCH_	652136.56	4220382.55	652136.56, 4	0.07732	0.11544	0.0002489	1.232E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
433	SCH_	652156.56	4220382.55	652156.56, 4	0.08106	0.11911	0.0002609	1.271E-07	0.00026	6.5E-08	1.9E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
434	SCH_	652176.56	4220382.55	652176.56, 4	0.0851	0.12296	0.0002739	1.312E-07	0.00027	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
435	SCH_	652196.56	4220382.55	652196.56, 4	0.08949	0.127	0.0002881	1.355E-07	0.00029	7.1E-08	2.2E-07	1.2E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
436	SCH_	652216.56	4220382.55	652216.56, 4	0.09425	0.13126	0.0003034	1.4E-07	0.0003	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
437	SCH_	652236.56	4220382.55	652236.56, 4	0.09944	0.13574	0.0003201	1.448E-07	0.00032	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
438	SCH_	652256.56	4220382.55	652256.56, 4	0.1051	0.14048	0.0003383	1.499E-07	0.00034	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
439	SCH_	652276.56	4220382.55	652276.56, 4	0.1113	0.14549	0.0003583	1.552E-07	0.00036	8.9E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
440	SCH_	652296.56	4220382.55	652296.56, 4	0.11808	0.15078	0.0003801	1.609E-07	0.00038	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
441	SCH_	652316.56	4220382.55	652316.56, 4	0.12553	0.15639	0.0004041	1.669E-07	0.0004	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
442	SCH_	652336.56	4220382.55	652336.56, 4	0.13373	0.16233	0.0004305	1.732E-07	0.00043	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
443	SCH_	652356.56	4220382.55	652356.56, 4	0.14276	0.16862	0.0004595	1.799E-07	0.00046	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
444	SCH_	652376.56	4220382.55	652376.56, 4	0.15272	0.17527	0.0004916	1.87E-07	0.00049	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
445	SCH_	652396.56	4220382.55	652396.56, 4	0.16372	0.18228	0.000527	1.945E-07	0.00053	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	4.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
446	SCH_	652416.56	4220382.55	652416.56, 4	0.1759	0.1897	0.0005662	2.024E-07	0.00057	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
447	SCH_	652436.56	4220382.55	652436.56, 4	0.18937	0.19749	0.0006096	2.107E-07	0.00061	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
448	SCH_	652456.56	4220382.55	652456.56, 4	0.20427	0.2056	0.0006576	2.194E-07	0.00066	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
449	SCH_	652476.56	4220382.55	652476.56, 4	0.22073	0.21396	0.0007105	2.283E-07	0.00071	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
450	SCH_	652096.56	4220402.55	652096.56, 4	0.07155	0.10682	0.0002303	1.14E-07	0.00023	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
451	SCH_	652116.56	4220402.55	652116.56, 4	0.07481	0.11002	0.0002408	1.174E-07	0.00024	6.0E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
452	SCH_	652136.56	4220402.55	652136.56, 4	0.07833	0.11335	0.0002521	1.209E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
453	SCH_	652156.56	4220402.55	652156.56, 4	0.08213	0.11684	0.0002644	1.247E-07	0.00026	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
454	SCH_	652176.56	4220402.55	652176.56, 4	0.08625	0.12049	0.0002776	1.286E-07	0.00028	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
455	SCH_	652196.56	4220402.55	652196.56, 4	0.09071	0.12432	0.000292	1.326E-07	0.00029	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
456	SCH_	652216.56	4220402.55	652216.56, 4	0.09555	0.12833	0.0003076	1.369E-07	0.00031	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
457	SCH_	652236.56	4220402.55	652236.56, 4	0.10082	0.13255	0.0003245	1.414E-07	0.00032	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
458	SCH_	652256.56	4220402.55	652256.56, 4	0.10657	0.13699	0.0003431	1.462E-07	0.00034	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
459	SCH_	652276.56	4220402.55	652276.56, 4	0.11285	0.14167	0.0003633	1.512E-07	0.00036	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
460	SCH_	652296.56	4220402.55	652296.56, 4	0.11972	0.14658	0.0003854	1.564E-07	0.00039	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
461	SCH_	652316.56	4220402.55	652316.56, 4	0.12725	0.15176	0.0004096	1.619E-07	0.00041	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
462	SCH_	652336.56	4220402.55	652336.56, 4	0.13551	0.15721	0.0004362	1.677E-07	0.00044	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
463	SCH_	652356.56	4220402.55	652356.56, 4	0.14458	0.16294	0.0004654	1.738E-07	0.00047	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
464	SCH_	652376.56	4220402.55	652376.56, 4	0.15455	0.16894	0.0004975	1.803E-07	0.0005	1.2E-07	3.7E-07	2.2E-07	1.9E-07	8.9E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
465	SCH_	652396.56	4220402.55	652396.56, 4	0.16551	0.17522	0.0005328	1.87E-07	0.00053	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
466	SCH_	652416.56	4220402.55	652416.56, 4	0.17758	0.18176	0.0005716	1.939E-07	0.00057	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
467	SCH_	652436.56	4220402.55	652436.56, 4	0.19085	0.18852	0.0006144	2.011E-07	0.00061	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
468	SCH_	652456.56	4220402.55	652456.56, 4	0.20542	0.19543	0.0006613	2.085E-07	0.00066	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
469	SCH_	652476.56	4220402.55	652476.56, 4	0.22139	0.20238	0.0007127	2.159E-07	0.00071	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
470	SCH_	652096.56	4220422.55	652096.56, 4	0.07242	0.10501	0.0002331	1.12E-07	0.00023	5.8E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
471	SCH_	652116.56	4220422.55	652116.56, 4	0.07574	0.10805	0.0002438	1.153E-07	0.00024	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
472	SCH_	652136.56	4220422.55	652136.56, 4	0.07932	0.11122	0.0002553	1.187E-07	0.00026	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
473	SCH_	652156.56	4220422.55	652156.56, 4	0.08318	0.11453	0.0002678	1.222E-07	0.00027	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
474	SCH_	652176.56	4220422.55	652176.56, 4	0.08737	0.11799	0.0002812	1.259E-07	0.00028	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
475	SCH_	652196.56	4220422.55	652196.56, 4	0.0919	0.1216	0.0002958	1.297E-07	0.0003	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
476	SCH_	652216.56	4220422.55	652216.56, 4	0.09681	0.12538	0.0003116	1.338E-07	0.00031	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.6E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
477	SCH_	652236.56	4220422.55	652236.56, 4	0.10216	0.12933	0.0003289	1.38E-07	0.00033	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
478	SCH_	652256.56	4220422.55	652256.56, 4	0.10799	0.13348	0.0003476	1.424E-07	0.00035	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
479	SCH_	652276.56	4220422.55	652276.56, 4	0.11434	0.13782	0.0003681	1.47E-07	0.00037	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.0E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
480	SCH_	652296.56	4220422.55	652296.56, 4	0.12127	0.14236	0.0003904	1.519E-07	0.00039	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
481	SCH_	652316.56	4220422.55	652316.56, 4	0.12885	0.14711	0.0004148	1.57E-07	0.00041	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08

482	SCH_	652336.56	4220422.55	652336.56,	0.13713	0.15207	0.0004414	1.623E-07	0.00044	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
483	SCH_	652356.56	4220422.55	652356.56,	0.14619	0.15724	0.0004706	1.678E-07	0.00047	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
484	SCH_	652376.56	4220422.55	652376.56,	0.1561	0.1626	0.0005025	1.735E-07	0.0005	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
485	SCH_	652396.56	4220422.55	652396.56,	0.16695	0.16813	0.0005374	1.794E-07	0.00054	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
486	SCH_	652416.56	4220422.55	652416.56,	0.17882	0.17383	0.0005756	1.855E-07	0.00058	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
487	SCH_	652436.56	4220422.55	652436.56,	0.19177	0.17958	0.0006173	1.916E-07	0.00062	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
488	SCH_	652456.56	4220422.55	652456.56,	0.20589	0.18534	0.0006628	1.977E-07	0.00066	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
489	SCH_	652476.56	4220422.55	652476.56,	0.22124	0.19098	0.0007122	2.038E-07	0.00071	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
490	SCH_	652096.56	4220442.55	652096.56,	0.07328	0.10317	0.0002359	1.101E-07	0.00024	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
491	SCH_	652116.56	4220442.55	652116.56,	0.07665	0.10606	0.0002467	1.132E-07	0.00025	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
492	SCH_	652136.56	4220442.55	652136.56,	0.08029	0.10907	0.0002585	1.164E-07	0.00026	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
493	SCH_	652156.56	4220442.55	652156.56,	0.08422	0.1122	0.0002711	1.197E-07	0.00027	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
494	SCH_	652176.56	4220442.55	652176.56,	0.08847	0.11547	0.0002848	1.232E-07	0.00028	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
495	SCH_	652196.56	4220442.55	652196.56,	0.09306	0.11886	0.0002996	1.268E-07	0.0003	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
496	SCH_	652216.56	4220442.55	652216.56,	0.09805	0.1224	0.0003156	1.306E-07	0.00032	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
497	SCH_	652236.56	4220442.55	652236.56,	0.10346	0.12609	0.000333	1.345E-07	0.00033	8.2E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
498	SCH_	652256.56	4220442.55	652256.56,	0.10935	0.12993	0.000352	1.386E-07	0.00035	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
499	SCH_	652276.56	4220442.55	652276.56,	0.11574	0.13394	0.0003726	1.429E-07	0.00037	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
500	SCH_	652296.56	4220442.55	652296.56,	0.12271	0.13811	0.000395	1.474E-07	0.0004	9.8E-08	3.0E-07	1.7E-07	1.5E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
501	SCH_	652316.56	4220442.55	652316.56,	0.13029	0.14243	0.0004194	1.52E-07	0.00042	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
502	SCH_	652336.56	4220442.55	652336.56,	0.13855	0.14691	0.000446	1.567E-07	0.00045	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	3.7E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
503	SCH_	652356.56	4220442.55	652356.56,	0.14755	0.15152	0.000475	1.617E-07	0.00048	1.2E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
504	SCH_	652376.56	4220442.55	652376.56,	0.15733	0.15624	0.0005065	1.667E-07	0.00051	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
505	SCH_	652396.56	4220442.55	652396.56,	0.16799	0.16107	0.0005408	1.719E-07	0.00054	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
506	SCH_	652416.56	4220442.55	652416.56,	0.17956	0.16591	0.000578	1.77E-07	0.00058	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
507	SCH_	652436.56	4220442.55	652436.56,	0.1921	0.17073	0.0006184	1.822E-07	0.00062	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
508	SCH_	652456.56	4220442.55	652456.56,	0.20566	0.17542	0.000662	1.872E-07	0.00066	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
509	SCH_	652476.56	4220442.55	652476.56,	0.22027	0.17986	0.0007091	1.919E-07	0.00071	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
510	SCH_	652096.56	4220462.55	652096.56,	0.07413	0.10131	0.0002386	1.081E-07	0.00024	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
511	SCH_	652116.56	4220462.55	652116.56,	0.07756	0.10405	0.0002497	1.11E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
512	SCH_	652136.56	4220462.55	652136.56,	0.08126	0.1069	0.0002616	1.141E-07	0.00026	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
513	SCH_	652156.56	4220462.55	652156.56,	0.08524	0.10985	0.0002744	1.172E-07	0.00027	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
514	SCH_	652176.56	4220462.55	652176.56,	0.08955	0.11291	0.0002883	1.205E-07	0.00029	7.1E-08	2.2E-07	1.2E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
515	SCH_	652196.56	4220462.55	652196.56,	0.09421	0.11609	0.0003033	1.239E-07	0.0003	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
516	SCH_	652216.56	4220462.55	652216.56,	0.09925	0.11939	0.0003195	1.274E-07	0.00032	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
517	SCH_	652236.56	4220462.55	652236.56,	0.10471	0.12282	0.0003371	1.31E-07	0.00034	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
518	SCH_	652256.56	4220462.55	652256.56,	0.11063	0.12637	0.0003561	1.348E-07	0.00036	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
519	SCH_	652276.56	4220462.55	652276.56,	0.11705	0.13004	0.0003768	1.387E-07	0.00038	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
520	SCH_	652296.56	4220462.55	652296.56,	0.12401	0.13383	0.0003992	1.428E-07	0.0004	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
521	SCH_	652316.56	4220462.55	652316.56,	0.13156	0.13773	0.0004235	1.47E-07	0.00042	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
522	SCH_	652336.56	4220462.55	652336.56,	0.13974	0.14173	0.0004498	1.512E-07	0.00045	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
523	SCH_	652356.56	4220462.55	652356.56,	0.14861	0.14579	0.0004784	1.556E-07	0.00048	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
524	SCH_	652376.56	4220462.55	652376.56,	0.1582	0.1499	0.0005093	1.599E-07	0.00051	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
525	SCH_	652396.56	4220462.55	652396.56,	0.16857	0.15402	0.0005426	1.643E-07	0.00054	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
526	SCH_	652416.56	4220462.55	652416.56,	0.17976	0.15809	0.0005787	1.687E-07	0.00058	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
527	SCH_	652436.56	4220462.55	652436.56,	0.1918	0.16202	0.0006174	1.729E-07	0.00062	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
528	SCH_	652456.56	4220462.55	652456.56,	0.2047	0.16573	0.0006589	1.768E-07	0.00066	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
529	SCH_	652476.56	4220462.55	652476.56,	0.21848	0.1691	0.0007033	1.804E-07	0.0007	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	5.8E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
530	SCH_	652096.56	4220482.55	652096.56,	0.07498	0.09942	0.0002414	1.061E-07	0.00024	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
531	SCH_	652116.56	4220482.55	652116.56,	0.07847	0.10202	0.0002526	1.089E-07	0.00025	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
532	SCH_	652136.56	4220482.55	652136.56,	0.08221	0.1047	0.0002646	1.117E-07	0.00026	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
533	SCH_	652156.56	4220482.55	652156.56,	0.08625	0.10747	0.0002776	1.147E-07	0.00028	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
534	SCH_	652176.56	4220482.55	652176.56,	0.09061	0.11034	0.0002917	1.177E-07	0.00029	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
535	SCH_	652196.56	4220482.55	652196.56,	0.09532	0.11331	0.0003068	1.209E-07	0.00031	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
536	SCH_	652216.56	4220482.55	652216.56,	0.10039	0.11637	0.0003232	1.242E-07	0.00032	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
537	SCH_	652236.56	4220482.55	652236.56,	0.10588	0.11952	0.0003408	1.275E-07	0.00034	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
538	SCH_	652256.56	4220482.55	652256.56,	0.11181	0.12278	0.0003599	1.31E-07	0.00036	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
539	SCH_	652276.56	4220482.55	652276.56,	0.11821	0.12612	0.0003805	1.346E-07	0.00038	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
540	SCH_	652296.56	4220482.55	652296.56,	0.12513	0.12954	0.0004028	1.382E-07	0.0004	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
541	SCH_	652316.56	4220482.55	652316.56,	0.1326	0.13302	0.0004268	1.419E-07	0.00043	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
542	SCH_	652336.56	4220482.55	652336.56,	0.14065	0.13654	0.0004528	1.457E-07	0.00045	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.7E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
543	SCH_	652356.56	4220482.55	652356.56,	0.14932	0.14008	0.0004807	1.495E-07	0.00048	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
544	SCH_	652376.56	4220482.55	652376.56,	0.15865	0.1436	0.0005107	1.532E-07	0.00051	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
545	SCH_	652396.56	4220482.55	652396.56,	0.16868	0.14706	0.000543	1.569E-07	0.00054	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
546	SCH_	652416.56	4220482.55	652416.56,	0.1794	0.15038	0.0005775	1.604E-07	0.00058	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
547	SCH_	652436.56	4220482.55	652436.56,	0.19085	0.1535	0.0006144	1.638E-07	0.00061	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
548	SCH_	652456.56	4220482.55	652456.56,	0.20303	0.15633	0.0006536	1.668E-07	0.00065	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
549	SCH_	652476.56	4220482.55	652476.56,	0.21591	0.15876	0.000695	1.694E-07	0.0007	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
550	SCH_	652216.56	4220502.55	652216.56,	0.10147	0.11332	0.0003266	1.209E-07	0.00033	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
551	SCH_	652236.56	4220502.55	652236.56,	0.10695	0.11621	0.0003443	1.24E-07	0.00034	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.2E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
552	SCH_	652256.56	4220502.55	652256.56,	0.11286	0.11917	0.0003633	1.271E-07	0.00036	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
553	SCH_	652276.56	4220502.55	652276.56,	0.11921	0.12218	0.0003837	1.304E-07	0.00038	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
554	SCH_	652296.56	4220502.55	652296.56,	0.12604	0.12523	0.0004057	1.336E-07	0.00041	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
555	SCH_	652316.56	4220502.55	652316.56,	0.13337	0.1283	0.0004293	1.369E-07	0.00043	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
556	SCH_	652336.56	4220502.55	652336.56,	0.14124	0.13137	0.0004547	1.402E-07	0.00045	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.8E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
557	SCH_	652356.56	4220502.55	652356.56,	0.14967	0.1344	0.0004818	1.434E-07	0.00048	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
558	SCH_	652376.56	4220502.55	652376.56,	0.15867	0.13736	0.0005108	1.466E-07	0.00051	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
559	SCH_	652396.56	4220502.55	652396.56,	0.16828	0.14019	0.0005417	1.496E-07	0.00054	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
560	SCH_	652416.56	4220502.55	652416.56,	0.17848	0.14284	0.0005745	1.524E-07	0.00057	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
561	SCH_	652436.56	4220502.55	652436.56,	0.18929	0.14523	0.0006093	1.55E-07	0.00061	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
562	SCH_	652456.56	4220502.55	652456.56,	0.20068	0.14728	0.000646	1.571E-07	0.00065	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
563	SCH_	652476.56	4220502.55	652476.56,	0.21263	0.1489	0.0006845	1.589E-07	0.00068	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
564	SCH_	652396.56	4220522.55	652396.56,	0.16737	0.13347	0.0005388	1.424E-07	0.00054	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
565	SCH_	652416.56	4220522.55	652416.56,	0.17701	0.13551	0.0005698	1.446E-07	0.00057	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
566	SCH_	652436.56	4220522.55	652436.56,	0.18714	0.13725	0.0006024	1.464E-07	0.0006	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
567	SCH_	652456.56	4220522.55	652456.56,	0.19772	0.13863	0.0006365	1.479E-07	0.00064	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
568	SCH_	652476.56	4220522.55	652476.56,	0.2087	0.13955	0.0006718	1.489E-07	0.00067	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08

Residential DOSEair = **$(Cair*(BR/BW)*A*EF*10^{-6})$**

A	1	Inhalation absorption factor[1]
EF	0.68	Exposure frequency (250/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk = **DOSEair * CPF * ASF * ED/AT * FAH**

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED (Const)
3rd	361	10	0.85	0.25
0<2	1090	10	0.85	0.75
2<9	631	3	0.72	0
9<16	572	3	0.72	0
16<70	261	1	0.73	0

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Operational Risk

	2026					2028					2030					2035					2042				
	Maverik OnSite Travel	Maverik OnSite Idle	Commercial Center OnSite Travel/Idle	Off-Site Travel	Generator	Maverik OnSite Travel	Maverik OnSite Idle	Commercial Center OnSite Travel/Idle	Off-Site Travel	Generator	Maverik OnSite Travel	Maverik OnSite Idle	Commercial Center OnSite Travel/Idle	Off-Site Travel	Generator	Maverik OnSite Travel	Maverik OnSite Idle	Commercial Center OnSite Travel/Idle	Off-Site Travel	Generator	Maverik OnSite Travel	Maverik OnSite Idle	Commercial Center OnSite Travel/Idle	Off-Site Travel	Generator
Emissions Rate (g/s):	3.39E-05	1.22E-05	7.40E-07	6.53E-05	1.88E-02	2.94E-05	9.44E-06	5.61E-07	5.63E-05	1.88E-02	2.57E-05	3.65E-06	1.94E-07	4.95E-05	1.88E-02	1.98E-05	3.37E-06	1.41E-07	3.98E-05	1.88E-02	1.50E-05	3.36E-06	1.02E-07	3.46E-05	1.88E-02

Discrete Receptor ID; Concentration [µg/m^3] at 1 g/s; 2026

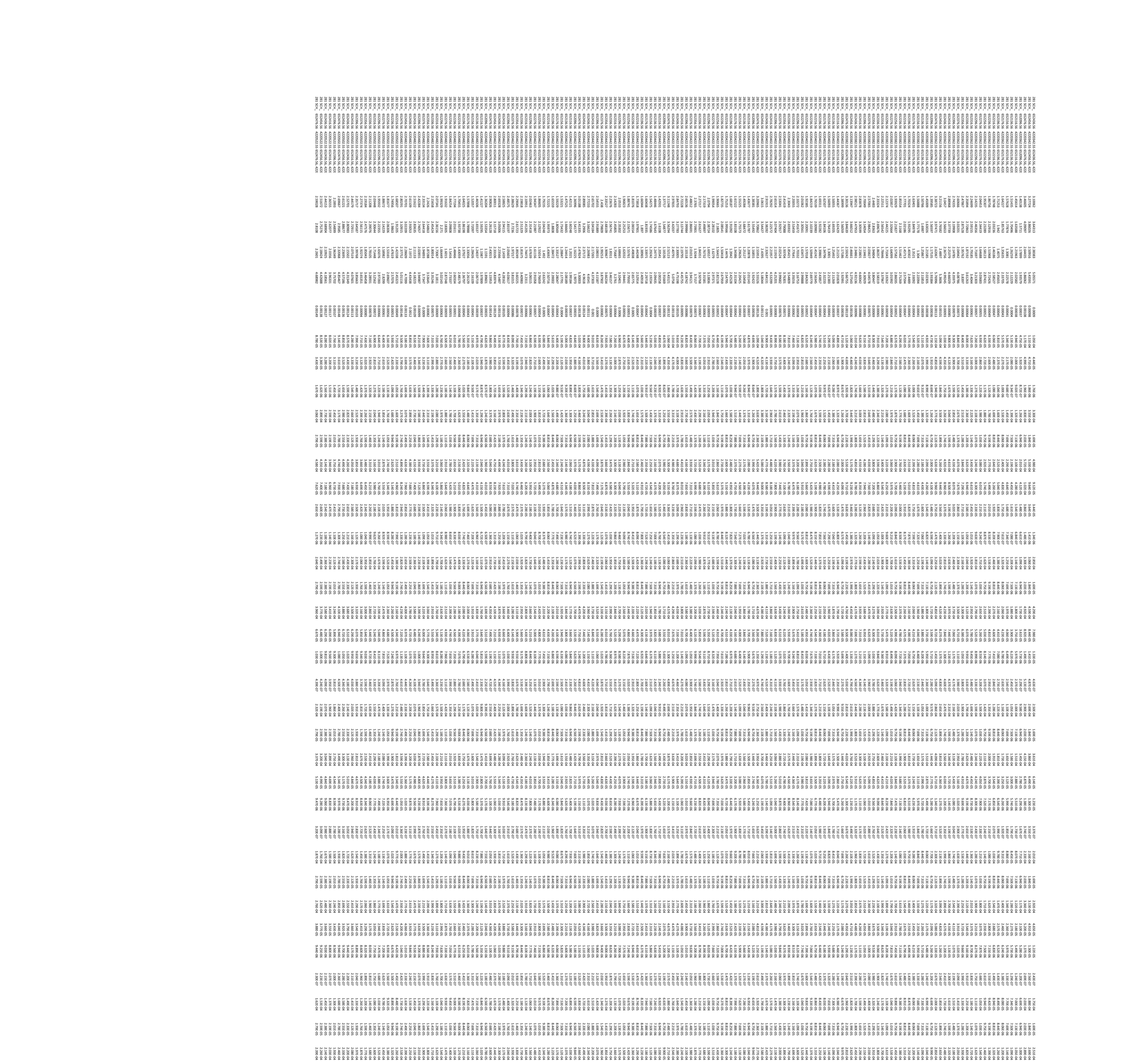
		X	Y	X, Y	Maverik OnSite Travel	Maverik OnSite Idle	Commercial Center OnSite Travel/Idle	Off-Site Travel	Generator	2026 Maverik OnSite Travel	2026 Maverik OnSite Idle	2026 Commercial Center OnSite Travel/Idle	2026 Off-Site Travel	2026 Generator	2026 Total
1	RES1_	652763.96	4219991.3	652763.96, 4219	16.22701	19.54604	7.12071	35.9908	0.00178	5.50E-04	2.38E-04	5.27E-06	2.35E-03	3.34E-05	3.18E-03
2	RES1_	652783.96	4219991.3	652783.96, 4219	19.65029	23.37243	7.88603	31.56118	0.00193	6.66E-04	2.85E-04	5.83E-06	2.06E-03	3.62E-05	3.05E-03
3	RES1_	652803.96	4219991.3	652803.96, 4219	24.5525	28.52157	8.79773	29.17807	0.00207	8.32E-04	3.48E-04	6.51E-06	1.90E-03	3.88E-05	3.13E-03
4	RES1_	652823.96	4219991.3	652823.96, 4219	31.98964	35.67401	9.89343	28.50419	0.00221	1.08E-03	4.35E-04	7.32E-06	1.86E-03	4.14E-05	3.43E-03
5	RES1_	652843.96	4219991.3	652843.96, 4219	44.33608	46.09907	11.22551	29.41904	0.00231	1.50E-03	5.62E-04	8.30E-06	1.92E-03	4.33E-05	4.04E-03
6	RES1_	652763.96	4220011.3	652763.96, 4220	17.7038	22.5221	7.56569	39.22863	0.00174	6.00E-04	2.75E-04	5.60E-06	2.56E-03	3.26E-05	3.47E-03
7	RES1_	652783.96	4220011.3	652783.96, 4220	21.83169	27.60873	8.43056	34.68053	0.00185	7.40E-04	3.37E-04	6.24E-06	2.26E-03	3.47E-05	3.38E-03
8	RES1_	652803.96	4220011.3	652803.96, 4220	28.01998	34.7386	9.47103	32.70029	0.00196	9.50E-04	4.24E-04	7.01E-06	2.13E-03	3.68E-05	3.55E-03
9	RES1_	652823.96	4220011.3	652823.96, 4220	38.19792	45.07562	10.7363	33.29089	0.00205	1.29E-03	5.50E-04	7.94E-06	2.17E-03	3.84E-05	4.06E-03
10	RES1_	652843.96	4220011.3	652843.96, 4220	58.14366	60.58837	12.29654	38.53286	0.00213	1.97E-03	7.39E-04	9.10E-06	2.52E-03	3.99E-05	5.27E-03
11	RES1_	652763.96	4220031.3	652763.96, 4220	18.70222	25.03769	7.93686	42.85543	0.00176	6.34E-04	3.05E-04	5.87E-06	2.80E-03	3.30E-05	3.78E-03
12	RES1_	652783.96	4220031.3	652783.96, 4220	23.25327	31.3574	8.8901	38.21538	0.00183	7.88E-04	3.82E-04	6.58E-06	2.49E-03	3.43E-05	3.71E-03
13	RES1_	652803.96	4220031.3	652803.96, 4220	30.11818	40.5749	10.044	36.82672	0.00188	1.02E-03	4.95E-04	7.43E-06	2.40E-03	3.53E-05	3.96E-03
14	RES1_	652823.96	4220031.3	652823.96, 4220	41.48243	54.71568	11.46089	39.12853	0.0019	1.41E-03	6.67E-04	8.48E-06	2.55E-03	3.56E-05	4.67E-03
15	RES1_	652843.96	4220031.3	652843.96, 4220	62.85417	77.55418	13.22846	49.55296	0.00189	2.13E-03	9.46E-04	9.79E-06	3.23E-03	3.54E-05	6.36E-03

	2028 Maverik OnSite Travel	2028 Maverik OnSite Idle	2028 Commercial Center OnSite Travel/Idle	2028 Off-Site Travel	2028 Generator	2028 Total	2030 Maverik OnSite Travel	2030 Maverik OnSite Idle	2030 Commercial Center OnSite Travel/Idle	2030 Off-Site Travel	2030 Generator	2030 Total
1	4.77E-04	1.85E-04	3.99E-06	2.03E-03	3.34E-05	2.73E-03	4.18E-04	7.13E-05	1.38E-06	1.78E-03	3.34E-05	2.31E-03
2	5.78E-04	2.21E-04	4.42E-06	1.78E-03	3.62E-05	2.62E-03	5.06E-04	8.52E-05	1.53E-06	1.56E-03	3.62E-05	2.19E-03
3	7.22E-04	2.69E-04	4.94E-06	1.64E-03	3.88E-05	2.68E-03	6.32E-04	1.04E-04	1.71E-06	1.44E-03	3.88E-05	2.22E-03
4	9.41E-04	3.37E-04	5.55E-06	1.61E-03	4.14E-05	2.93E-03	8.24E-04	1.30E-04	1.92E-06	1.41E-03	4.14E-05	2.41E-03
5	1.30E-03	4.35E-04	6.30E-06	1.66E-03	4.33E-05	3.45E-03	1.14E-03	1.68E-04	2.18E-06	1.46E-03	4.33E-05	2.81E-03
6	5.21E-04	2.13E-04	4.24E-06	2.21E-03	3.26E-05	2.98E-03	4.56E-04	8.21E-05	1.47E-06	1.94E-03	3.26E-05	2.51E-03
7	6.42E-04	2.61E-04	4.73E-06	1.95E-03	3.47E-05	2.90E-03	5.62E-04	1.01E-04	1.64E-06	1.72E-03	3.47E-05	2.42E-03
8	8.24E-04	3.28E-04	5.31E-06	1.84E-03	3.68E-05	3.04E-03	7.21E-04	1.27E-04	1.84E-06	1.62E-03	3.68E-05	2.51E-03
9	1.12E-03	4.26E-04	6.02E-06	1.88E-03	3.84E-05	3.47E-03	9.83E-04	1.64E-04	2.08E-06	1.65E-03	3.84E-05	2.84E-03
10	1.71E-03	5.72E-04	6.90E-06	2.17E-03	3.99E-05	4.50E-03	1.50E-03	2.21E-04	2.39E-06	1.91E-03	3.99E-05	3.67E-03
11	5.50E-04	2.36E-04	4.45E-06	2.41E-03	3.30E-05	3.24E-03	4.81E-04	9.13E-05	1.54E-06	2.12E-03	3.30E-05	2.73E-03
12	6.84E-04	2.96E-04	4.99E-06	2.15E-03	3.43E-05	3.17E-03	5.99E-04	1.14E-04	1.73E-06	1.89E-03	3.43E-05	2.64E-03
13	8.86E-04	3.83E-04	5.63E-06	2.07E-03	3.53E-05	3.38E-03	7.75E-04	1.48E-04	1.95E-06	1.82E-03	3.53E-05	2.78E-03
14	1.22E-03	5.17E-04	6.43E-06	2.20E-03	3.56E-05	3.98E-03	1.07E-03	2.00E-04	2.22E-06	1.94E-03	3.56E-05	3.24E-03
15	1.85E-03	7.32E-04	7.42E-06	2.79E-03	3.54E-05	5.42E-03	1.62E-03	2.83E-04	2.57E-06	2.45E-03	3.54E-05	4.39E-03

	2035 Maverik OnSite Travel	2035 Maverik OnSite Idle	2035 Commercial Center OnSite Travel/Idle	2035 Off-Site Travel	2035 Generator	2035 Total	2042 Maverik OnSite Travel	2042 Maverik OnSite Idle	2042 Commercial Center OnSite Travel/Idle	2042 Off-Site Travel	2042 Generator	2042 Total
1	3.21E-04	6.59E-05	1.01E-06	1.43E-03	3.34E-05	1.86E-03	2.43E-04	6.56E-05	7.25E-07	1.24E-03	3.34E-05	1.59E-03
2	3.89E-04	7.87E-05	1.12E-06	1.26E-03	3.62E-05	1.76E-03	2.95E-04	7.85E-05	8.03E-07	1.09E-03	3.62E-05	1.50E-03
3	4.86E-04	9.61E-05	1.24E-06	1.16E-03	3.88E-05	1.78E-03	3.68E-04	9.58E-05	8.96E-07	1.01E-03	3.88E-05	1.51E-03
4	6.34E-04	1.20E-04	1.40E-06	1.14E-03	4.14E-05	1.93E-03	4.80E-04	1.20E-04	1.01E-06	9.86E-04	4.14E-05	1.63E-03
5	8.78E-04	1.55E-04	1.59E-06	1.17E-03	4.33E-05	2.25E-03	6.65E-04	1.55E-04	1.14E-06	1.02E-03	4.33E-05	1.88E-03
6	3.51E-04	7.59E-05	1.07E-06	1.56E-03	3.26E-05	2.02E-03	2.66E-04	7.56E-05	7.71E-07	1.36E-03	3.26E-05	1.73E-03
7	4.33E-04	9.30E-05	1.19E-06	1.38E-03	3.47E-05	1.94E-03	3.27E-04	9.27E-05	8.59E-07	1.20E-03	3.47E-05	1.65E-03
8	5.55E-04	1.17E-04	1.34E-06	1.30E-03	3.68E-05	2.01E-03	4.20E-04	1.17E-04	9.65E-07	1.13E-03	3.68E-05	1.71E-03
9	7.57E-04	1.52E-04	1.52E-06	1.33E-03	3.84E-05	2.27E-03	5.73E-04	1.51E-04	1.09E-06	1.15E-03	3.84E-05	1.91E-03
10	1.15E-03	2.04E-04	1.74E-06	1.53E-03	3.99E-05	2.93E-03	8.72E-04	2.03E-04	1.25E-06	1.33E-03	3.99E-05	2.45E-03
11	3.71E-04	8.44E-05	1.12E-06	1.71E-03	3.30E-05	2.20E-03	2.80E-04	8.41E-05	8.09E-07	1.48E-03	3.30E-05	1.88E-03
12	4.61E-04	1.06E-04	1.26E-06	1.52E-03	3.43E-05	2.12E-03	3.49E-04	1.05E-04	9.06E-07	1.32E-03	3.43E-05	1.81E-03
13	5.97E-04	1.37E-04	1.42E-06	1.47E-03	3.53E-05	2.24E-03	4.52E-04	1.36E-04	1.02E-06	1.27E-03	3.53E-05	1.90E-03
14	8.22E-04	1.84E-04	1.62E-06	1.56E-03	3.56E-05	2.60E-03	6.22E-04	1.84E-04	1.17E-06	1.35E-03	3.56E-05	2.20E-03
15	1.25E-03	2.61E-04	1.87E-06	1.97E-03	3.54E-05	3.52E-03	9.43E-04	2.60E-04	1.35E-06	1.71E-03	3.54E-05	2.95E-03

Residential Dose; Risk by Age Group

	Dose 3rd	Dose 0<2	Dose 2<4	Dose 4<9	Dose 9<16	Dose 16<30	Risk 3rd	Risk 0<2	Risk 2<4	Risk 4<9	Risk 9<16	Risk 16<30	Total Risk
1	1.1E-06	3.3E-06	1.5E-06	1.3E-06	1.0E-06	4.0E-07	3.7E-08	8.9E-07	2.5E-07	2.1E-07	2.4E-07	2.4E-07	1.9E-06
2	1.1E-06	3.2E-06	1.4E-06	1.2E-06	9.7E-07	3.8E-07	3.5E-08	8.5E-07	2.4E-07	2.0E-07	2.3E-07	2.3E-07	1.8E-06
3	1.1E-06	3.3E-06	1.5E-06	1.2E-06	9.8E-07	3.8E-07	3.6E-08	8.7E-07	2.5E-07	2.1E-07	2.3E-07	2.3E-07	1.8E-06
4	1.2E-06	3.6E-06	1.6E-06	1.3E-06	1.1E-06	4.1E-07	4.0E-08	9.6E-07	2.7E-07	2.2E-07	2.5E-07	2.5E-07	2.0E-06
5	1.4E-06	4.2E-06	1.9E-06	1.5E-06	1.2E-06	4.7E-07	4.7E-08	1.1E-06	3.2E-07	2.6E-07	2.9E-07	2.9E-07	2.3E-06
6	1.2E-06	3.6E-06	1.6E-06	1.4E-06	1.1E-06	4.3E-07	4.0E-08	9.7E-07	2.8E-07	2.3E-07	2.6E-07	2.7E-07	2.1E-06
7	1.2E-06	3.5E-06	1.6E-06	1.3E-06	1.1E-06	4.1E-07	3.9E-08	9.4E-07	2.7E-07	2.2E-07	2.5E-07	2.6E-07	2.0E-06
8	1.2E-06	3.7E-06	1.7E-06	1.4E-06	1.1E-06	4.3E-07	4.1E-08	9.9E-07	2.8E-07	2.3E-07	2.6E-07	2.6E-07	2.1E-06
9	1.4E-06	4.2E-06	1.9E-06	1.6E-06	1.2E-06	4.8E-07	4.7E-08	1.1E-06	3.2E-07	2.6E-07	3.0E-07	3.0E-07	2.4E-06
10	1.8E-06	5.5E-06	2.5E-06	2.0E-06	1.6E-06	6.1E-07	6.1E-08	1.5E-06	4.2E-07	3.4E-07	3.8E-07	3.8E-07	3.1E-06
11	1.3E-06	3.9E-06	1.8E-06	1.5E-06	1.2E-06	4.7E-07	4.4E-08	1.1E-06	3.0E-07	2.5E-07	2.9E-07	2.9E-07	2.2E-06
12	1.3E-06	3.9E-06	1.7E-06	1.4E-06	1.2E-06	4.5E-07	4.3E-08	1.0E-06	3.0E-07	2.5E-07	2.8E-07	2.8E-07	2.2E-06
13	1.4E-06	4.1E-06	1.9E-06	1.5E-06	1.2E-06	4.7E-07	4.6E-08	1.1E-06	3.2E-07	2.6E-07	2.9E-07	2.9E-07	2.3E-06
14	1.6E-06	4.9E-06	2.2E-06	1.8E-06	1.4E-06	5.5E-07	5.4E-08	1.3E-06	3.7E-07	3.0E-07	3.4E-07	3.4E-07	2.7E-06
15	2.2E-06	6.6E-06	3.0E-06	2.4E-06	1.9E-06	7.4E-07	7.3E-08	1.8E-06	5.0E-07	4.1E-07	4.6E-07	4.6E-07	3.7E-06



Residential DOSEair = **(Cair*(BR/BW)*A*EF*10^{-6})** **Residential Risk = DOSEair * CPF * ASF * ED/AT * FAH**

A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED (Dps)
3rd	361	10	0.85	0.25
0<2	1090	10	0.85	2
2<4	572	3	0.72	2
4<9	572	3	0.72	5
9<16	572	3	0.72	7
16<30	261	1	0.73	53.75

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Operational Risk - Fueling

	OnSite Fueling	Drive-thru Restaurant On-Site Idle	Coffee Drive-thru On-Site Idle
Emissions Rate (g/s):	3.01E-04	5.35E-06	5.80E-06

	Discrete Receptor ID	X	Y	X, Y	Concentration [µg/m^3] at 1 g/s: OnSite Fueling	Concentration: Drive-thru Restaurant On-Site Idle	Concentration: Coffee Drive-thru On-Site Idle	Unmitigated: OnSite Fueling	Unmitigated: Drive-thru Restaurant On-Site Idle	Unmitigated: Coffee Drive-thru On-Site Idle	Total	Residential Dose: 3rd	0<2	2<9	9<16	16<30	Risk by Age Group: 3rd	0<2	2<9	9<16	16<30	Total Risk
1	RES1_	652763.96	4219991.3	652763.96, 4219	12.21116	5.73588	7.95248	3.68E-03	3.07E-05	4.61E-05	3.76E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	3.9E-09	9.5E-08	4.9E-08	4.5E-08	5.3E-08	2.5E-07
2	RES1_	652783.96	4219991.3	652783.96, 4219	14.1322	6.22771	8.87233	4.26E-03	3.33E-05	5.14E-05	4.34E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.6E-09	1.1E-07	5.7E-08	5.1E-08	6.1E-08	2.8E-07
3	RES1_	652803.96	4219991.3	652803.96, 4219	16.70817	6.80273	9.98069	5.04E-03	3.64E-05	5.78E-05	5.13E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	5.4E-09	1.3E-07	6.7E-08	6.1E-08	7.2E-08	3.4E-07
4	RES1_	652823.96	4219991.3	652823.96, 4219	20.21018	7.48251	11.3316	6.09E-03	4.00E-05	6.57E-05	6.20E-03	2.1E-06	6.5E-06	3.7E-06	3.4E-06	1.6E-06	6.5E-09	1.6E-07	8.1E-08	7.3E-08	8.7E-08	4.1E-07
5	RES1_	652843.96	4219991.3	652843.96, 4219	24.80641	8.29491	12.99601	7.48E-03	4.44E-05	7.53E-05	7.60E-03	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	8.0E-09	1.9E-07	9.9E-08	9.0E-08	1.1E-07	5.0E-07
6	RES1_	652763.96	4220011.3	652763.96, 4220	13.87755	6.30031	8.4041	4.18E-03	3.37E-05	4.87E-05	4.27E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	4.5E-09	1.1E-07	5.6E-08	5.1E-08	6.0E-08	2.8E-07
7	RES1_	652783.96	4220011.3	652783.96, 4220	16.16529	6.88028	9.42955	4.87E-03	3.68E-05	5.47E-05	4.96E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.2E-09	1.3E-07	6.5E-08	5.9E-08	7.0E-08	3.2E-07
8	RES1_	652803.96	4220011.3	652803.96, 4220	19.25268	7.55384	10.67787	5.80E-03	4.04E-05	6.19E-05	5.91E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	6.2E-09	1.5E-07	7.7E-08	7.0E-08	8.3E-08	3.9E-07
9	RES1_	652823.96	4220011.3	652823.96, 4220	23.5856	8.34525	12.21625	7.11E-03	4.46E-05	7.08E-05	7.22E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	7.6E-09	1.8E-07	9.4E-08	8.6E-08	1.0E-07	4.7E-07
10	RES1_	652843.96	4220011.3	652843.96, 4220	29.71209	9.28894	14.14254	8.96E-03	4.97E-05	8.20E-05	9.09E-03	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	9.5E-09	2.3E-07	1.2E-07	1.1E-07	1.3E-07	5.9E-07
11	RES1_	652763.96	4220031.3	652763.96, 4220	16.04454	6.89846	8.70543	4.84E-03	3.69E-05	5.05E-05	4.92E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.2E-09	1.2E-07	6.4E-08	5.8E-08	6.9E-08	3.2E-07
12	RES1_	652783.96	4220031.3	652783.96, 4220	18.87693	7.59449	9.80158	5.69E-03	4.06E-05	5.68E-05	5.79E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	6.1E-09	1.5E-07	7.6E-08	6.9E-08	8.1E-08	3.8E-07
13	RES1_	652803.96	4220031.3	652803.96, 4220	22.6947	8.40596	11.13865	6.84E-03	4.50E-05	6.46E-05	6.95E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	7.3E-09	1.8E-07	9.1E-08	8.2E-08	9.8E-08	4.5E-07
14	RES1_	652823.96	4220031.3	652823.96, 4220	28.12733	9.36097	12.79474	8.48E-03	5.01E-05	7.42E-05	8.60E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	9.0E-09	2.2E-07	1.1E-07	1.0E-07	1.2E-07	5.6E-07
15	RES1_	652843.96	4220031.3	652843.96, 4220	36.27818	10.49819	14.8827	1.09E-02	5.62E-05	8.63E-05	1.11E-02	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.2E-08	2.8E-07	1.4E-07	1.3E-07	1.6E-07	7.2E-07
16	RES1_	652763.96	4220051.3	652763.96, 4220	18.82595	7.49455	8.86086	5.67E-03	4.01E-05	5.14E-05	5.77E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	6.1E-09	1.5E-07	7.5E-08	6.8E-08	8.1E-08	3.8E-07
17	RES1_	652783.96	4220051.3	652783.96, 4220	22.53283	8.32057	9.98918	6.79E-03	4.45E-05	5.79E-05	6.89E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	7.2E-09	1.8E-07	9.0E-08	8.2E-08	9.7E-08	4.5E-07
18	RES1_	652803.96	4220051.3	652803.96, 4220	27.5467	9.29549	11.36436	8.30E-03	4.97E-05	6.59E-05	8.42E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	8.8E-09	2.1E-07	1.1E-07	1.0E-07	1.2E-07	5.5E-07
19	RES1_	652823.96	4220051.3	652823.96, 4220	34.70109	10.45914	13.06797	1.05E-02	5.60E-05	7.57E-05	1.06E-02	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.1E-08	2.7E-07	1.4E-07	1.3E-07	1.5E-07	6.9E-07
20	RES1_	652843.96	4220051.3	652843.96, 4220	45.70104	11.86038	15.21262	1.38E-02	6.35E-05	8.82E-05	1.39E-02	4.8E-06	1.5E-05	8.4E-06	7.6E-06	3.5E-06	1.5E-08	3.5E-07	1.8E-07	1.7E-07	2.0E-07	9.1E-07
21	RES1_	652763.96	4220071.3	652763.96, 4220	22.05294	8.04506	8.90283	6.65E-03	4.30E-05	5.16E-05	6.74E-03	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	7.1E-09	1.7E-07	8.8E-08	8.0E-08	9.5E-08	4.4E-07
22	RES1_	652783.96	4220071.3	652783.96, 4220	27.09495	8.99667	10.03224	8.17E-03	4.81E-05	5.81E-05	8.27E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	8.7E-09	2.1E-07	1.1E-07	9.8E-08	1.2E-07	5.4E-07
23	RES1_	652803.96	4220071.3	652803.96, 4220	34.16394	10.13695	11.40693	1.03E-02	5.42E-05	6.61E-05	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.1E-08	2.6E-07	1.4E-07	1.2E-07	1.5E-07	6.8E-07
24	RES1_	652823.96	4220071.3	652823.96, 4220	44.54979	11.52229	13.10821	1.34E-02	6.16E-05	7.60E-05	1.36E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.4E-08	3.4E-07	1.8E-07	1.6E-07	1.9E-07	8.9E-07
25	RES1_	652763.96	4220091.3	652763.96, 4220	25.0483	8.4921	8.86506	7.55E-03	4.54E-05	5.14E-05	7.65E-03	2.6E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	8.0E-09	1.9E-07	1.0E-07	9.1E-08	1.1E-07	5.0E-07
26	RES1_	652783.96	4220091.3	652783.96, 4220	31.60846	9.54847	9.97957	9.53E-03	5.11E-05	5.78E-05	9.64E-03	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.0E-08	2.4E-07	1.3E-07	1.1E-07	1.4E-07	6.3E-07
27	RES1_	652803.96	4220091.3	652803.96, 4220	41.37689	10.82997	11.33692	1.25E-02	5.79E-05	6.57E-05	1.26E-02	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.2E-06	1.3E-08	3.2E-07	1.6E-07	1.5E-07	1.8E-07	8.2E-07
28	RES1_	652823.96	4220091.3	652823.96, 4220	56.90359	12.40769	13.01642	1.72E-02	6.64E-05	7.54E-05	1.73E-02	6.0E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	1.8E-08	4.4E-07	2.3E-07	2.0E-07	2.4E-07	1.1E-06
29	RES1_	652843.96	4220091.3	652843.96, 4220	83.43244	14.37572	15.12179	2.51E-02	7.69E-05	8.76E-05	2.53E-02	8.8E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	2.7E-08	6.4E-07	3.3E-07	3.0E-07	3.6E-07	1.7E-06
30	RES1_	652763.96	4220111.3	652763.96, 4220	27.0239	8.79109	8.78073	8.15E-03	4.70E-05	5.09E-05	8.24E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	8.7E-09	2.1E-07	1.1E-07	9.8E-08	1.2E-07	5.4E-07
31	RES1_	652783.96	4220111.3	652783.96, 4220	34.60997	9.9163	9.88156	1.04E-02	5.31E-05	5.73E-05	1.05E-02	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.1E-08	2.7E-07	1.4E-07	1.2E-07	1.5E-07	6.9E-07
32	RES1_	652803.96	4220111.3	652803.96, 4220	46.25785	11.28928	11.22226	1.39E-02	6.04E-05	6.50E-05	1.41E-02	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.5E-08	3.6E-07	1.8E-07	1.7E-07	2.0E-07	9.2E-07
33	RES1_	652823.96	4220111.3	652823.96, 4220	65.65416	12.99252	12.88173	1.98E-02	6.95E-05	7.47E-05	1.99E-02	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.1E-08	5.1E-07	2.6E-07	2.4E-07	2.8E-07	1.3E-06
34	RES1_	652843.96	4220111.3	652843.96, 4220	101.3049	15.13561	14.96127	3.05E-02	8.10E-05	8.67E-05	3.07E-02	1.1E-05	3.2E-05	1.9E-05	1.7E-05	7.7E-06	3.2E-08	7.8E-07	4.0E-07	3.6E-07	4.3E-07	2.0E-06
35	RES1_	652783.96	4220131.3	652783.96, 4220	35.76876	10.09433	9.78094	1.08E-02	5.40E-05	5.67E-05	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.1E-08	2.8E-07	1.4E-07	1.3E-07	1.5E-07	7.1E-07
36	RES1_	652803.96	4220131.3	652803.96, 4220	47.85155	11.504	11.11094	1.44E-02	6.15E-05	6.44E-05	1.45E-02	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	1.5E-08	3.7E-07	1.9E-07	1.7E-07	2.0E-07	9.5E-07
37	RES1_	652823.96	4220131.3	652823.96, 4220	67.69151	13.25595	12.75145	2.04E-02	7.09E-05	7.39E-05	2.05E-02	7.1E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.2E-08	5.2E-07	2.7E-07	2.4E-07	2.9E-07	1.3E-06
38	RES3_	653217.5	4220029.01	653217.5, 42200	14.13522	49.00994	47.70091	4.26E-03	2.62E-04	2.76E-04	4.80E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.0E-09	1.2E-07	6.3E-08	5.7E-08	6.7E-08	3.1E-07
39	RES3_	653237.5	4220029.01	653237.5, 42200	12.54525	39.47005	37.99412	3.78E-03	2.11E-04	2.20E-04	4.21E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	4.4E-09	1.1E-07	5.5E-08	5.0E-08	5.9E-08	2.8E-07
40	RES3_	653257.5	4220029.01	653257.5, 42200	11.21612	32.34696	31.05475	3.38E-03	1.73E-04	1.80E-04	3.73E-03	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	3.9E-09	9.5E-08	4.9E-08	4.4E-08	5.2E-08	2.4E-07
41	RES3_	653277.5	4220029.01	653277.5, 42200	10.09512	26.95273	25.91194	3.04E-03	1.44E-04	1.50E-04	3.34E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.5E-09	8.5E-08	4.4E-08	4.0E-08	4.7E-08	2.2E-07
42	RES3_	653297.5	4220029.01	653297.5, 42200	9.1399	22.79651	21.99031	2.76E-03	1.22E-04	1.27E-04	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.2E-09	7.6E-08	3.9E-08	3.6E-08	4.2E-08	2.0E-07
43	RES3_	653217.5	4220049.01	653217.5, 42200	14.11439	50.47151	42.45543	4.25E-03	2.70E-04	2.46E-04	4.77E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.0E-09	1.2E-07	6.2E-08	5.7E-08	6.7E-08	3.1E-07
44	RES3_	653237.5	4220049.01	653237.5, 42200	12.5233	40.00586	34.56295	3.77E-03	2.14E-04	2.00E-04	4.19E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	4.4E-09	1.1E-07	5.5E-08	5.0E-08	5.9E-08	2.7E-07
45	RES3_	653257.5	4220049.01	653257.5, 42200	11.19689	32.49591	28.7276	3.38E-03	1.74E-04	1.66E-04	3.72E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	3.9E-09	9.4E-08	4.9E-08	4.4E-08	5.2E-08	2.4E-07
46	RES3_	653277.5	4220049.01	653277.5, 42200	10.07889	26.94273	24.28598	3.04E-03	1.44E-04	1.41E-04	3.32E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.5E-09	8.4E-08	4.3E-08	3.9E-08	4.7E-08	2.2E-07
47	RES3_	653297.5	4220049.01	653297.5, 42200	9.12693	22.72763	20.82452	2.75E-03	1.22E-04	1.21E-04	2.99E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.1E-09	7.6E-08	3.9E-08	3.5E-08	4.2E-08	2.0E-07
48	RES3_	653217.5	4220069.01	653217.5, 42200	14.05236	50.39718	34.10672	4.24E-03	2.70E-04	1.98E-04	4.70E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	4.9E-09	1.2E-07	6.1E-08	5.6E-08	6.6E-08	3.1E-07
49	RES3_	653237.5	4220069.01	653237.5, 42200	12.47238	39.75865	28.80888	3.76E-03	2.13E-04	1.67E-04	4.14E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.3E-09	1.1E-07	5.4E-08	4.9E-08	5.8E-08	2.7E-07
50	RES3_	653257.5	4220069.01	653257.5, 42200	11.15578	32.24087	24.65854	3.36E-03	1.72E-04	1.43E-04	3.68E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	3.9E-09	9.3E-08	4.8E-08	4.4E-08	5.2E-08	2.4E-07
51	RES3_	653277.5	4220069.01	653277.5, 42200	10.0457	26.72494	21.34163	3.03E-03	1.43E-04	1.24E-04	3.29E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.5E-09	8.4E-08	4.3E-08	3.9E-08	4.6E-08	2.2E-07
52	RES3_	653297.5	4220069.01	653297.5, 42200	9.10047	22.55429	18.65237	2.74E-03	1.21E-04	1.08E-04	2.97E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.1E-09	7.5E-08	3.9E-08	3.5E-08	4.2E-08	1.9E-07
53	RES2_	653091.77	4220073.8	653091.77, 4220	39.07097	1215.8348	108.29993	1.18E-02	6.50E-03	6.28E-04	1.89E-02	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.0E-08	4.8E-07	2.5E-07	2.2E-07	2.7E-07	1.2E-06
54	RES2_	653107.01	4220074.09	653107.01, 4220	33.2675	574.69272	95.11951	1.00E-02	3.07E-03	5.51E-04	1.37E-02	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.4E-08	3.5E-07	1.8E-07	1.6E-07	1.9E-07	8.9E-07
55	RES2_	653127.01	4220074.09	653127.01, 4220	27.48278	285.81207	78.50358	8.28E-03	1.53E-03	4.55E-04	1.03E-02	3.6E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.1E-08	2.6E-07	1.3E-07	1.2E-07	1.4E-07	6.7E-07
56	RES2_	653147.01	4220074.09	653147.01, 4220	23.12929	167.99162	63.06294	6.97E-03	8.99E-04	3.65E-04	8.24E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	8.7E-09	2.1E-07	1.1E-07	9.8E-08	1.2E-07	5.4E-07
57	RES2_	653167.01	4220074.09	653167.01, 4220	19.76734	109.79057	50.87265	5.96E-03	5.87E-04	2.95E-04	6.84E-03	2.4E-06	7.1E-06	4.1E-06	3.8E-06	1.7E-06	7.2E-09	1.7E-07	8.9E-08	8.1E-08	9.6E-08	4.5E-07
58	RES2_	653187.01	4220074.09	653187.01, 4220	17.11396	77.36304	41.71402	5.16E-03	4.14E-04	2.42E-04	5.81E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.1E-09	1.5E-07	7.6E-08	6.9E-08	8.2E-08	3.8E-07
59	RES2_	653207.01	4220074.09	653207.01, 4220	14.98161	57.58755	34.80883	4.52E-03	3.08E-04	2.02E-04	5.03E-03	1.7E-06	5.3E-06	3.0E-06	2.8E-06	1.3E-06	5.3E-09	1.3E-07	6.6E-08	6.0E-08	7.1E-08	3.3E-07
60	RES2_	653226.41	4220070.49	653226.41, 4220	13.30447	45.12131	31.01072	4.01E-03	2.41E-04	1.80E-04	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.7E-09	1.1E-07	5.8E-08	5.3E-08	6.2E-08	2.9E-07
61	RES2_	653246.41	4220070.49	653246.41, 4220	11.85134	36.06785	26.42813	3.57E-03	1.93E-04	1.53E-04	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	4.1E-09	9.9E-08	5.1E-08	4.6E-08	5.5E-08	2.6E-07
62	RES2_	653266.41	4220070.49	653266.41, 4220	10.63432	29.55582	22.78752	3.21E-03	1.58E-04	1.32E-04	3.50E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.7E-07	3.7E-09	8.9E-08	4.6E-08	4.1E-08	4.9E-08	2.3E-07
63	RES2_	653286.41	4220070.49	653286.41, 4220	9.60284	24.70987	19.84828	2.89E-03	1.32E-04	1.15E-04	3.14E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.3E-09	8.0E-08	4.1E-08	3.7E-08	4.4E-08	2.1E-07
64	RES2_	653306.41	4220070.49	653306.41, 4220	8.72101	21.00227	17.44267	2.63E-03	1.12E-04	1.01E-04	2.84E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.0E-09	7.2E-08	3.7E-08	3.4E-08	4.0E-08	1.9E-07
65	RES2_	653092.17	4220089.4	653092.17, 4220	38.28679	1340.85037	58.16915	1.15E-02	7.17E-03	3.37E-04	1.91E-02	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	2.0E-08	4.8E-07	2.5E-07	2.3E-07	2.7E-07	1.2E-06
66	RES2_	653107.41	4220089.69	653107.41, 4220	32.63004	587.06405	52.9091	9.84E-03	3.14E-03	3.07E-04	1.33E-02	4.6E-06	1.4E-05	8.0E-06	7.3E-06	3.3E-06	1.4E-08	3.4E-07	1.7E-07	1.6E-07	1.9E-07	8.7E-07
67	RES2_	653127.41	4220089.69	653127.41, 4220	27.00096	275.98711	48.44972	8.14E-03	1.48E-03	2.81E-04	9.90E-03	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.0E-08	2.5E-07	1.3E-07	1.2E-07	1.4E-07	6.5E-07
68	RES2_	653147.41	4220089.69	653147.41, 4220	22.76037	159.88943	42.88495	6.86E-03	8.55E-04	2.49E-04	7.96E-03	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	8.4E-09	2.0E-07	1.0E-07	9.4E-08	1.1E-07	5.2E-07
69	RES2_	653167.41	4220089.69	653167.41, 4220	19.48079	104.7563	36.99396	5.87E-03	5.60E-04	2.14E-04	6.65E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	7.0E-09	1.7E-07	8.7E-08	7.9E-08	9.3E-08	4.3E-07
70	RES2_	653187.41	4220089.69	653187.41, 4220	16.8881	74.29424	31.73246	5.09E-03	3.97E-04	1.84E-04	5.67E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.0E-09	1.4E-07	7.4E-08	6.7E-08	8.0E-08	3.7E-07
71	RES2_	653207.41	4220089.69	653207.41, 4220	14.8013	55.66491	27.38413	4.46E-03	2.98E-04	1.59E-04	4.92E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.2E-09	1.2E-07	6.4E-08	5.8E-08	6.9E-08	3.2E-07
72	RES2_	653226.41	4220090.49	653226.41, 4220	13.16435	43.84193	23.75824	3.97E-03	2.35E-04	1.38E-04	4.34E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.6E-09	1.1E-07	5.7E-08	5.1E-08	6.1E-08	2.8E-07
73	RES2_	653246.41	4220090.49	653246.41, 4220	11.73901	35.2169	20.9082	3.54E-03	1.88E-04	1.21E-04	3.85E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.0E-09	9.8E-08	5.0E-08	4.6E-08	5.4E-08	2.5E-07
74	RES2_	653266.41	4220090.49	653266.41, 4220	10.54264	28.97807	18.54562	3.18E-03	1.55E-04	1.07E-04	3.44E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.6E-09	8.7E-08	4.5E-08	4.1E-08	4.8E-08	2.2E-07
75	RES2_	653286.41	4220090.49	653286.41, 4220	9.528	24.31075	16.55891	2.87E-03	1.30E-04	9.60E-05	3.10E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	3.3E-09	7.9E-08	4.0E-08	3.7E-08	4.3E-08	2.0E-07
76	RES2_	653306.41	4220090.49	653306.41, 4220	8.65907	20.7232	14.87014	2.61E-03	1.11E-04	8.62E-05	2.81E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	2.9E-09	7.1E-08	3.7E-08	3.3E-08	3.9E-08	1.8E-07
77	RES2_	653092.17	4220109.4	653092.17, 4220	36.31507	914.53781	34.45435	1.09E-02	4.89E-03	2.00E-04	1.60E-02	5.6E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	1.7E-08	4.1E-07	2.1E-07	1.9E-07	2.3E-07	1.0E-06
78	RES2_	653107.41	4220109.69	653107.41, 4220	31.11052	413.20665	31.16115	9.38E-03	2.21E-03	1.81E-04	1.18E-02	4.1E-06	1.2E-05	7.1E-06	6.5E-06	2.9E-06	1.2E-08	3.0E-07	1.5E-07	1.4E-07	1.7E-07	7.7E-07
79	RES2_	653127.41	4220109.69	653127.41, 4220	25.90686	213.71075	29.16421	7.81E-03	1.14E-03	1.69E-04	9.12E-03	3.2E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	9.6E-09	2.3E-07	1.2E-07	1.1E-07	1.3E-07	6.0E-07
80	RES2_	653147.41	4220109.69	653147.41, 4220	21.94942	132.60481	27.6595	6.62E-03	7.09E-04	1.60E-04	7.49E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	7.9E-09	1.9E-07	9.8E-08	8.9E-08	1.1E-07	4.9E-07
81	RES2_	653167.41	4220109.69	653167.41, 4220	18.86607	90.97504	25.60163	5.69E-03	4.87E-04	1.48E-04	6.32E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	6.6E-09	1.6E-07	8.3E-08	7.5E-08	8.9E-08	4.1E-07
82	RES2_	653187.41	4220109.69	653187.41, 4220	16.4123	66.61344	23.11416	4.95E-03	3.56E-04	1.34E-04	5.44E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.7E-09	1.4E-07	7.1E-08	6.4E-08	7.6E-08	3.6E-07
83	RES2_	653207.41	4220109.69	653207.41, 4220	14.42675	51.06687	20.62193	4.35E-03	2.73E-04	1.20E-04	4.74E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.0E-09	1.2E-07	6.2E-08	5.6E-08	6.7E-08	3.1E-07
84	RES2_	653226.41	4220110.49	653226.41, 4220	12.85496	40.78544	18.31425	3.87E-03	2.18E-04	1.06E-04	4.20E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	4.4E-09	1.1E-07	5.5E-08	5.0E-08	5.9E-08	2.7E-07
85	RES2_	653246.41	4220110.49	653246.41, 4220	11.48901	33.2067	16.42137	3.46E-03	1.78E-04	9.52E-05	3.74E-03	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.4E-07	3.9E-09	9.5E-08	4.9E-08	4.4E-08	5.2E-08	2.4E-07
86	RES2_	653266.41	4220110.49	653266.41, 4220	10.34012	27.61283	14.82389	3.12E-03	1.48E-04	8.59E-05	3.35E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.5E-09	8.5E-08	4.4E-08	4.0E-08	4.7E-08	2.2E-07
87	RES2_	653286.41	4220110.49	653286.41, 4220	9.3623	23.35842	13.46648	2.82E-03	1.25E-04	7.80E-05	3.03E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.2E-09	7.7E-08	4.0E-08	3.6E-08	4.2E-08	2.0E-07
88	RES2_	653306.41	4220110.49	653306.41, 4220	8.52285	20.04455	12.30072	2.57E-03	1.07E-04	7.13E-05	2.75E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	2.9E-09	7.0E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
89	RES2_	653092.88	4220123.48	653092.88, 4220	33.52651	357.45231	25.84796	1.01E-02	1.91E-03	1.50E-04	1.22E-02	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.0E-06	1.3E-08	3.1E-07	1.6E-07	1.4E-07	1.7E-07	8.0E-07
90	RES2_	653108.12	4220123.76	653108.12, 4220	28.99383	236.57299	23.49087	8.74E-03	1.27E-03	1.36E-04	1.01E-02	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	1.1E-08	2.6E-07	1.3E-07	1.2E-07	1.4E-07	6.6E-07
91	RES2_	653128.12	4220123.76	653128.12, 4220	24.39653	150.65855	21.82441	7.35E-03	8.06E-04	1.26E-04	8.29E-03	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	8.7E-09	2.1E-07	1.1E-07	9.8E-08	1.2E-07	5.4E-07
92	RES2_	653148.12	4220123.76	653148.12, 4220	20.83847	103.55682	20.946	6.28E-03	5.54E-04	1.21E-04	6.96E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	7.3E-09	1.8E-07	9.1E-08	8.2E-08	9.8E-08	4.5E-07
93	RES2_	653168.12	4220123.76	653168.12, 4220	18.02869	75.46808	20.03558	5.43E-03	4.04E-04	1.16E-04	5.95E-03	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	6.3E-09	1.5E-07	7.8E-08	7.1E-08	8.4E-08	3.9E-07
94	RES2_	653188.12	4220123.76	653188.12, 4220	15.7675	57.50333	18.73626	4.75E-03	3.08E-04	1.09E-04	5.17E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	5.4E-09	1.3E-07	6.8E-08	6.1E-08	7.3E-08	3.4E-07
95	RES2_	653208.12	4220123.76	653208.12, 4220	13.92189	45.3516	17.16468	4.20E-03	2.43E-04	9.95E-05	4.54E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	4.8E-09	1.2E-07	5.9E-08	5.4E-08	6.4E-08	3.0E-07
96	RES2_	653227.12	4220124.56	653227.12, 4220	12.44013	36.88144	15.50179	3.75E-03	1.97E-04	8.98E-05	4.04E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.2E-09	1.0E-07	5.3E-08	4.8E-08	5.7E-08	2.6E-07
97	RES2_	653247.12	4220124.56	653247.12, 4220	11.15418	30.54064	14.04274	3.36E-03	1.63E-04	8.14E-05	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	3.8E-09	9.2E-08	4.7E-08	4.3E-08	5.1E-08	2.4E-07
98	RES2_	653267.12	4220124.56	653267.12, 4220	10.06715	25.73822	12.76564	3.03E-03	1.38E-04	7.40E-05	3.25E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	3.4E-09	8.2E-08	4.2E-08	3.8E-08	4.6E-08	2.1E-07
99	RES2_	653287.12	4220124.56	653287.12, 4220	9.13691	22.0061	11.66898	2.75E-03	1.18E-04	6.76E-05	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.1E-09	7.5E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
100	RES2_	653307.12	4220124.56	653307.12, 4220	8.33599	19.04818	10.72789	2.51E-03	1.02E-04	6.22E-05	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.8E-09	6.8E-08	3.5E-08	3.2E-08	3.8E-08	1.8E-07
101	RES4_	652875.28	4219709.68	652875.28, 4219	4.83036	3.70455	4.49993	1.46E-03	1.98E-05	2.61E-05	1.50E-03	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	1.6E-09	3.8E-08	2.0E-08	1.8E-08	2.1E-08	9.8E-08
102	RES4_	652895.28	4219709.68	652895.28, 4219	4.93919	3.98954	4.94871	1.49E-03	2.13E-05	2.87E-05	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	2.2E-08	1.0E-07
103	RES4_	652915.28	4219709.68	652915.28, 4219	5.09024	4.26668	5.44329	1.53E-03	2.28E-05	3.15E-05	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-09	4.0E-08	2.1E-08	1.9E-08	2.2E-08	1.0E-07
104	RES4_	652935.28	4219709.68	652935.28, 4219	5.29859	4.50926	5.95337	1.60E-03	2.41E-05	3.45E-05	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	1.7E-09	4.2E-08	2.2E-08	2.0E-08	2.3E-08	1.1E-07
105	RES4_	652955.28	4219709.68	652955.28, 4219	5.56689	4.69192	6.41498	1.68E-03	2.51E-05	3.72E-05	1.74E-03	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.4E-07	1.8E-09	4.4E-08	2.3E-08	2.1E-08	2.4E-08	1.1E-07
106	RES4_	652975.28	4219709.68	652975.28, 4219	5.88267	4.80108	6.7554	1.77E-03	2.57E-05	3.92E-05	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	2.6E-08	1.2E-07
107	RES4_	652995.28	4219709.68	652995.28, 4219	6.21706	4.84308	6.93793	1.87E-03	2.59E-05	4.02E-05	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	2.7E-08	1.3E-07
108	RES4_	653015.28	4219709.68	653015.28, 4219	6.53325	4.84649	6.99415	1.97E-03	2.59E-05	4.05E-05	2.04E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.1E-09	5.2E-08	2.7E-08	2.4E-08	2.9E-08	1.3E-07
109	RES4_	652875.28	4219729.68	652875.28, 4219	5.27587	3.89798	4.7481	1.59E-03	2.09E-05	2.75E-05	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.7E-09	4.2E-08	2.1E-08	1.9E-08	2.3E-08	1.1E-07
110	RES4_	652895.28	4219729.68	652895.28, 4219	5.40603	4.21901	5.2488	1.63E-03	2.26E-05	3.04E-05	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	2.4E-08	1.1E-07
111	RES4_	652915.28	4219729.68	652915.28, 4219	5.5833	4.54095	5.81017	1.68E-03	2.43E-05	3.37E-05	1.74E-03	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.4E-07	1.8E-09	4.4E-08	2.3E-08	2.1E-08	2.4E-08	1.1E-07
112	RES4_	652935.28	4219729.68	652935.28, 4219	5.82863	4.83548	6.41123	1.76E-03	2.59E-05	3.72E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.6E-08	2.4E-08	2.2E-08	2.6E-08	1.2E-07
113	RES4_	652955.28	4219729.68	652955.28, 4219	6.14435	5.07029	6.98873	1.85E-03	2.71E-05	4.05E-05	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	2.7E-08	1.3E-07

114	RES4_	652975.28	4219729.68	652975.28, 4219	6.51172	5.22236	7.44833	1.96E-03	2.79E-05	4.32E-05	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.1E-09	5.2E-08	2.7E-08	2.4E-08	2.9E-08	1.3E-07
115	RES4_	652995.28	4219729.68	652995.28, 4219	6.89347	5.29252	7.72244	2.08E-03	2.83E-05	4.48E-05	2.15E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-09	5.5E-08	2.8E-08	2.5E-08	3.0E-08	1.4E-07
116	RES4_	653015.28	4219729.68	653015.28, 4219	7.24246	5.30963	7.82782	2.18E-03	2.84E-05	4.54E-05	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	2.4E-09	5.7E-08	2.9E-08	2.7E-08	3.2E-08	1.5E-07
117	RES4_	652875.28	4219749.68	652875.28, 4219	5.78797	4.10458	5.01343	1.74E-03	2.20E-05	2.91E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	1.9E-09	4.6E-08	2.3E-08	2.1E-08	2.5E-08	1.2E-07
118	RES4_	652895.28	4219749.68	652895.28, 4219	5.94425	4.46507	5.57235	1.79E-03	2.39E-05	3.23E-05	1.85E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	2.6E-08	1.2E-07
119	RES4_	652915.28	4219749.68	652915.28, 4219	6.15589	4.83693	6.20892	1.86E-03	2.59E-05	3.60E-05	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	2.7E-08	1.3E-07
120	RES4_	652935.28	4219749.68	652935.28, 4219	6.44763	5.19135	6.91226	1.94E-03	2.78E-05	4.01E-05	2.01E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.1E-09	5.1E-08	2.6E-08	2.4E-08	2.8E-08	1.3E-07
121	RES4_	652955.28	4219749.68	652955.28, 4219	6.82131	5.48937	7.6265	2.06E-03	2.94E-05	4.42E-05	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	3.0E-08	1.4E-07
122	RES4_	652975.28	4219749.68	652975.28, 4219	7.25144	5.69745	8.23887	2.19E-03	3.05E-05	4.77E-05	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.4E-09	5.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
123	RES4_	652995.28	4219749.68	652995.28, 4219	7.68787	5.80699	8.64169	2.32E-03	3.11E-05	5.01E-05	2.40E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.5E-09	6.1E-08	3.1E-08	2.8E-08	3.4E-08	1.6E-07
124	RES4_	653015.28	4219749.68	653015.28, 4219	8.07026	5.84484	8.82266	2.43E-03	3.13E-05	5.11E-05	2.51E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-09	6.4E-08	3.3E-08	3.0E-08	3.5E-08	1.6E-07
125	RES4_	652875.28	4219769.68	652875.28, 4219	6.37991	4.32508	5.3007	1.92E-03	2.31E-05	3.07E-05	1.98E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-09	5.0E-08	2.6E-08	2.3E-08	2.8E-08	1.3E-07
126	RES4_	652895.28	4219769.68	652895.28, 4219	6.57048	4.72969	5.9215	1.98E-03	2.53E-05	3.43E-05	2.04E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.1E-09	5.2E-08	2.7E-08	2.4E-08	2.9E-08	1.3E-07
127	RES4_	652915.28	4219769.68	652915.28, 4219	6.82542	5.15747	6.64349	2.06E-03	2.76E-05	3.85E-05	2.12E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	3.0E-08	1.4E-07
128	RES4_	652935.28	4219769.68	652935.28, 4219	7.17698	5.58029	7.46309	2.16E-03	2.99E-05	4.33E-05	2.24E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.4E-09	5.7E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
129	RES4_	652955.28	4219769.68	652955.28, 4219	7.62356	5.95441	8.33614	2.30E-03	3.19E-05	4.83E-05	2.38E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.5E-09	6.0E-08	3.1E-08	2.8E-08	3.3E-08	1.6E-07
130	RES4_	652975.28	4219769.68	652975.28, 4219	8.12955	6.23467	9.14251	2.45E-03	3.34E-05	5.30E-05	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	2.7E-09	6.4E-08	3.3E-08	3.0E-08	3.6E-08	1.7E-07
131	RES4_	652995.28	4219769.68	652995.28, 4219	8.6269	6.39838	9.7251	2.60E-03	3.42E-05	5.64E-05	2.69E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.8E-09	6.8E-08	3.5E-08	3.2E-08	3.8E-08	1.8E-07
132	RES4_	653015.28	4219769.68	653015.28, 4219	9.04211	6.46766	10.0223	2.73E-03	3.46E-05	5.81E-05	2.82E-03	9.8E-07	2.9E-06	1.7E-06	1.5E-06	7.1E-07	3.0E-09	7.2E-08	3.7E-08	3.3E-08	4.0E-08	1.8E-07
133	RES4_	652875.28	4219789.68	652875.28, 4219	7.07096	4.56109	5.62277	2.13E-03	2.44E-05	3.26E-05	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.3E-09	5.6E-08	2.9E-08	2.6E-08	3.1E-08	1.4E-07
134	RES4_	652895.28	4219789.68	652895.28, 4219	7.30714	5.01466	6.30239	2.20E-03	2.68E-05	3.65E-05	2.27E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.4E-09	5.8E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
135	RES4_	652915.28	4219789.68	652915.28, 4219	7.61797	5.50521	7.1181	2.30E-03	2.95E-05	4.13E-05	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-09	6.0E-08	3.1E-08	2.8E-08	3.3E-08	1.5E-07
136	RES4_	652935.28	4219789.68	652935.28, 4219	8.04547	6.00609	8.06971	2.43E-03	3.21E-05	4.68E-05	2.50E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-09	6.4E-08	3.3E-08	3.0E-08	3.5E-08	1.6E-07
137	RES4_	652955.28	4219789.68	652955.28, 4219	8.58264	6.47141	9.12877	2.59E-03	3.46E-05	5.29E-05	2.67E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.8E-09	6.8E-08	3.5E-08	3.2E-08	3.8E-08	1.7E-07
138	RES4_	652975.28	4219789.68	652975.28, 4219	9.18069	6.84331	10.17733	2.77E-03	3.66E-05	5.90E-05	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.0E-09	7.3E-08	3.7E-08	3.4E-08	4.0E-08	1.9E-07
139	RES4_	652995.28	4219789.68	652995.28, 4219	9.7487	7.08179	11.00956	2.94E-03	3.79E-05	6.38E-05	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.2E-09	7.7E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
140	RES4_	653015.28	4219789.68	653015.28, 4219	10.19048	7.19763	11.48533	3.07E-03	3.85E-05	6.66E-05	3.18E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	3.3E-09	8.1E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
141	RES4_	652875.28	4219809.68	652875.28, 4219	7.88513	4.81474	6.00444	2.38E-03	2.58E-05	3.48E-05	2.44E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	3.4E-08	1.6E-07
142	RES4_	652895.28	4219809.68	652895.28, 4219	8.1809	5.32175	6.72997	2.47E-03	2.85E-05	3.90E-05	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.7E-09	6.4E-08	3.3E-08	3.0E-08	3.6E-08	1.7E-07
143	RES4_	652915.28	4219809.68	652915.28, 4219	8.56611	5.8829	7.63957	2.58E-03	3.15E-05	4.43E-05	2.66E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.8E-09	6.7E-08	3.5E-08	3.1E-08	3.7E-08	1.7E-07
144	RES4_	652935.28	4219809.68	652935.28, 4219	9.09002	6.47398	8.74038	2.74E-03	3.46E-05	5.07E-05	2.83E-03	9.8E-07	3.0E-06	1.7E-06	1.5E-06	7.1E-07	3.0E-09	7.2E-08	3.7E-08	3.3E-08	4.0E-08	1.8E-07
145	RES4_	652955.28	4219809.68	652955.28, 4219	9.74407	7.04725	10.01599	2.94E-03	3.77E-05	5.80E-05	3.03E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.2E-09	7.7E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
146	RES4_	652975.28	4219809.68	652975.28, 4219	10.45378	7.53466	11.36548	3.15E-03	4.03E-05	6.59E-05	3.26E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.4E-09	8.3E-08	4.3E-08	3.9E-08	4.6E-08	2.1E-07
147	RES4_	652995.28	4219809.68	652995.28, 4219	11.09792	7.87498	12.54004	3.35E-03	4.21E-05	7.27E-05	3.46E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	3.6E-09	8.8E-08	4.5E-08	4.1E-08	4.9E-08	2.3E-07
148	RES4_	653015.28	4219809.68	653015.28, 4219	11.5585	8.06004	13.29042	3.48E-03	4.31E-05	7.70E-05	3.60E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	3.8E-09	9.1E-08	4.7E-08	4.3E-08	5.1E-08	2.4E-07
149	RES4_	652875.28	4219829.68	652875.28, 4219	8.85192	5.09077	6.47861	2.67E-03	2.72E-05	3.75E-05	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	2.9E-09	6.9E-08	3.6E-08	3.2E-08	3.8E-08	1.8E-07
150	RES4_	652895.28	4219829.68	652895.28, 4219	9.22906	5.65415	7.2361	2.78E-03	3.02E-05	4.19E-05	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.0E-09	7.2E-08	3.7E-08	3.4E-08	4.0E-08	1.9E-07
151	RES4_	652915.28	4219829.68	652915.28, 4219	9.71351	6.29408	8.22732	2.93E-03	3.37E-05	4.77E-05	3.01E-03	1.0E-06	3.1E-06	1.8E-06	1.7E-06	7.5E-07	3.2E-09	7.6E-08	3.9E-08	3.6E-08	4.2E-08	2.0E-07
152	RES4_	652935.28	4219829.68	652935.28, 4219	10.3662	6.98873	9.4857	3.12E-03	3.74E-05	5.50E-05	3.22E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.1E-07	3.4E-09	8.2E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
153	RES4_	652955.28	4219829.68	652955.28, 4219	11.16926	7.69053	11.01358	3.37E-03	4.11E-05	6.38E-05	3.47E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	3.6E-09	8.8E-08	4.5E-08	4.1E-08	4.9E-08	2.3E-07
154	RES4_	652975.28	4219829.68	652975.28, 4219	12.01378	8.32266	12.73297	3.62E-03	4.45E-05	7.38E-05	3.74E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	3.9E-09	9.5E-08	4.9E-08	4.4E-08	5.2E-08	2.4E-07
155	RES4_	652995.28	4219829.68	652995.28, 4219	12.73855	8.79987	14.3739	3.84E-03	4.71E-05	8.33E-05	3.97E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.2E-09	1.0E-07	5.2E-08	4.7E-08	5.6E-08	2.6E-07
156	RES4_	653015.28	4219829.68	653015.28, 4219	13.19777	9.08686	15.54654	3.98E-03	4.86E-05	9.01E-05	4.12E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.3E-09	1.0E-07	5.4E-08	4.9E-08	5.8E-08	2.7E-07
157	RES4_	652875.28	4219849.68	652875.28, 4219	10.01451	5.39854	7.07247	3.02E-03	2.89E-05	4.10E-05	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.2E-09	7.8E-08	4.0E-08	3.7E-08	4.3E-08	2.0E-07
158	RES4_	652895.28	4219849.68	652895.28, 4219	10.5041	6.01791	7.87018	3.17E-03	3.22E-05	4.56E-05	3.24E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	3.4E-09	8.2E-08	4.2E-08	3.8E-08	4.6E-08	2.1E-07
159	RES4_	652915.28	4219849.68	652915.28, 4219	11.12002	6.74321	8.92482	3.35E-03	3.61E-05	5.17E-05	3.44E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.6E-09	8.7E-08	4.5E-08	4.1E-08	4.8E-08	2.2E-07
160	RES4_	652935.28	4219849.68	652935.28, 4219	11.94479	7.55692	10.33182	3.60E-03	4.04E-05	5.99E-05	3.70E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	3.9E-09	9.4E-08	4.8E-08	4.4E-08	5.2E-08	2.4E-07
161	RES4_	652955.28	4219849.68	652955.28, 4219	12.94158	8.41154	12.13983	3.90E-03	4.50E-05	7.04E-05	4.02E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.2E-09	1.0E-07	5.2E-08	4.8E-08	5.6E-08	2.6E-07
162	RES4_	652975.28	4219849.68	652975.28, 4219	13.95101	9.22322	14.31248	4.21E-03	4.93E-05	8.30E-05	4.34E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.6E-09	1.1E-07	5.7E-08	5.1E-08	6.1E-08	2.8E-07
163	RES4_	652995.28	4219849.68	652995.28, 4219	14.75468	9.8839	16.58423	4.45E-03	5.29E-05	9.61E-05	4.60E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	4.8E-09	1.2E-07	6.0E-08	5.4E-08	6.4E-08	3.0E-07
164	RES4_	653015.28	4219849.68	653015.28, 4219	15.18088	10.32043	18.40575	4.58E-03	5.52E-05	1.07E-04	4.74E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.0E-09	1.2E-07	6.2E-08	5.6E-08	6.6E-08	3.1E-07
165	RES5_	653396.88	4219710.6	653396.88, 4219	4.41168	5.53621	7.49216	1.33E-03	2.96E-05	4.34E-05	1.40E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	2.0E-08	9.2E-08
166	RES5_	653416.88	4219710.6	653416.88, 4219	4.25412	5.43931	7.23004	1.28E-03	2.91E-05	4.19E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	1.9E-08	8.8E-08
167	RES5_	653436.88	4219710.6	653436.88, 4219	4.09632	5.34037	6.9456	1.23E-03	2.86E-05	4.03E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.5E-08
168	RES5_	653456.88	4219710.6	653456.88, 4219	3.93946	5.22999	6.64567	1.19E-03	2.80E-05	3.85E-05	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.8E-08	8.2E-08
169	RES5_	653476.88	4219710.6	653476.88, 4219	3.7848	5.10421	6.33822	1.14E-03	2.73E-05	3.67E-05	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	7.9E-08
170	RES5_	653496.88	4219710.6	653496.88, 4219	3.6333	4.96369	6.02912	1.10E-03	2.66E-05	3.49E-05	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	1.6E-08	7.6E-08
171	RES5_	653516.88	4219710.6	653516.88, 4219	3.48584	4.81049	5.72413	1.05E-03	2.57E-05	3.32E-05	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	1.6E-08	7.3E-08
172	RES5_	653396.88	4219730.6	653396.88, 4219	4.62013	6.00097	8.10034	1.39E-03	3.21E-05	4.69E-05	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	2.1E-08	9.6E-08
173	RES5_	653416.88	4219730.6	653416.88, 4219	4.43752	5.88329	7.75365	1.34E-03	3.15E-05	4.49E-05	1.41E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	2.0E-08	9.2E-08
174	RES5_	653436.88	4219730.6	653436.88, 4219	4.25667	5.75303	7.38997	1.28E-03	3.08E-05	4.28E-05	1.36E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	1.9E-08	8.9E-08
175	RES5_	653456.88	4219730.6	653456.88, 4219	4.07912	5.60522	7.01865	1.23E-03	3.00E-05	4.07E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.5E-08
176	RES5_	653476.88	4219730.6	653476.88, 4219	3.90589	5.43994	6.64837	1.18E-03	2.91E-05	3.85E-05	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.7E-08	8.1E-08
177	RES5_	653496.88	4219730.6	653496.88, 4219	3.73805	5.26013	6.28562	1.13E-03	2.81E-05	3.64E-05	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	1.7E-08	7.8E-08
178	RES5_	653516.88	4219730.6	653516.88, 4219	3.57634	5.07035	5.93492	1.08E-03	2.71E-05	3.44E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	1.6E-08	7.5E-08
179	RES5_	653396.88	4219750.6	653396.88, 4219	4.82462	6.51844	8.7169	1.45E-03	3.49E-05	5.05E-05	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	2.2E-08	1.0E-07
180	RES5_	653416.88	4219750.6	653416.88, 4219	4.61482	6.36327	8.27016	1.39E-03	3.40E-05	4.79E-05	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	2.1E-08	9.6E-08
181	RES5_	653436.88	4219750.6	653436.88, 4219	4.40976	6.1878	7.81755	1.33E-03	3.31E-05	4.53E-05	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	2.0E-08	9.2E-08
182	RES5_	653456.88	4219750.6	653456.88, 4219	4.2108	5.99161	7.36943	1.27E-03	3.21E-05	4.27E-05	1.34E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	1.9E-08	8.8E-08
183	RES5_	653476.88	4219750.6	653476.88, 4219	4.01893	5.77903	6.9339	1.21E-03	3.09E-05	4.02E-05	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.3E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.4E-08
184	RES5_	653496.88	4219750.6	653496.88, 4219	3.83481	5.55483	6.51693	1.16E-03	2.97E-05	3.78E-05	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	8.0E-08
185	RES5_	653516.88	4219750.6	653516.88, 4219	3.659	5.32425	6.12139	1.10E-03	2.85E-05	3.55E-05	1.17E-03	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	1.6E-08	7.6E-08
186	RES5_	653396.88	4219770.6	653396.88, 4219	5.02122	7.08167	9.32191	1.51E-03	3.79E-05	5.40E-05	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	2.3E-08	1.0E-07
187	RES5_	653416.88	4219770.6	653416.88, 4219	4.78294	6.87096	8.7634	1.44E-03	3.68E-05	5.08E-05	1.53E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	2.1E-08	1.0E-07
188	RES5_	653436.88	4219770.6	653436.88, 4219	4.55302	6.6361	8.21531	1.37E-03	3.55E-05	4.76E-05	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	2.0E-08	9.5E-08
189	RES5_	653456.88	4219770.6	653456.88, 4219	4.33247	6.38183	7.68823	1.31E-03	3.41E-05	4.46E-05	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	1.9E-08	9.1E-08
190	RES5_	653476.88	4219770.6	653476.88, 4219	4.12222	6.11457	7.18772	1.24E-03	3.27E-05	4.17E-05	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	1.8E-08	8.6E-08
191	RES5_	653496.88	4219770.6	653496.88, 4219	3.92247	5.84112	6.71836	1.18E-03	3.12E-05	3.89E-05	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.8E-08	8.2E-08
192	RES5_	653516.88	4219770.6	653516.88, 4219	3.73327	5.56699	6.28156	1.13E-03	2.98E-05	3.64E-05	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	1.7E-08	7.8E-08
193	RES5_	653476.88	4219790.6	653476.88, 4219	4.21471	6.43922	7.40506	1.27E-03	3.44E-05	4.29E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	1.9E-08	8.8E-08
194	RES5_	653496.88	4219790.6	653496.88, 4219	4.00011	6.11294	6.88827	1.21E-03	3.27E-05	3.99E-05	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	1.8E-08	8.4E-08
195	RES5_	653516.88	4219790.6	653516.88, 4219	3.79853	5.79306	6.41441	1.14E-03	3.10E-05	3.72E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.7E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	7.9E-08
196	RES5_	653476.88	4219810.6	653476.88, 4219	4.29558	6.74435	7.58396	1.29E-03	3.61E-05	4.40E-05	1.37E-03	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	1.9E-08	9.0E-08
197	RES5_	653496.88	4219810.6	653496.88, 4219	4.06712	6.36332	7.02572	1.23E-03	3.40E-05	4.07E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.5E-08
198	RES5_	653516.88	4219810.6	653516.88, 4219	3.85431	5.99729	6.52106	1.16E-03	3.21E-05	3.78E-05	1.23E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.5E-08	1.7E-08	8.1E-08
199	RES5_	653476.88	4219830.6	653476.88, 4219	4.364	7.02196	7.72453	1.32E-03	3.76E-05	4.48E-05	1.40E-03	4.8E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.7E-08	2.0E-08	9.1E-08
200	RES5_	653496.88	4219830.6	653496.88, 4219	4.12327	6.58636	7.1328	1.24E-03	3.52E-05	4.13E-05	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	1.9E-08	8.6E-08
201	RES5_	653516.88	4219830.6	653516.88, 4219	3.90034	6.17599	6.603	1.18E-03	3.30E-05	3.83E-05	1.25E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.7E-08	8.2E-08
202	RES5_	653476.88	4219850.6	653476.88, 4219	4.41966	7.26529	7.82852	1.33E-03	3.89E-05	4.54E-05	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-09	3.6E-08	1.9E-08	1.7E-08	2.0E-08	9.3E-08
203	RES5_	653496.88	4219850.6	653496.88, 4219	4.16837	6.77812	7.21014	1.26E-03	3.63E-05	4.18E-05	1.33E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.4E-09	3.4E-08	1.7E-08	1.6E-08	1.9E-08	8.7E-08
204	RES5_	653516.88	4219850.6	653516.88, 4219	3.93689	6.3272	6.66097	1.19E-03	3.38E-05	3.86E-05	1.26E-03	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.8E-08	8.2E-08
205	RES5_	653476.88	4219870.6	653476.88, 4219	4.46301	7.47034	7.89697	1.35E-03	4.00E-05	4.58E-05	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.8E-07	3.6E-07	1.5E-09	3.6E-08	1.9E-08	1.7E-08	2.0E-08	9.4E-08
206	RES5_	653496.88	4219870.6	653496.88, 4219	4.20282	6.93717	7.25894	1.27E-03	3.71E-05	4.21E-05	1.35E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	1.9E-08	8.8E-08
207	RES5_	653516.88	4219870.6	653516.88, 4219	3.96433	6.45121	6.69527	1.19E-03	3.45E-05	3.88E-05	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	1.8E-08	8.3E-08
208	RES5_	653476.88	4219890.6	653476.88, 4219	4.49414	7.63609	7.93124	1.35E-03	4.09E-05	4.60E-05	1.44E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	2.0E-08	9.4E-08
209	RES5_	653496.88	4219890.6	653496.88, 4219	4.22707	7.06406	7.27923	1.27E-03	3.78E-05	4.22E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	1.9E-08	8.9E-08
210	RES5_	653516.88	4219890.6	653516.88, 4219	3.98304	6.54898	6.70645	1.20E-03	3.50E-05	3.89E-05	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	1.8E-08	8.3E-08
211	SCH_	652096.56	4220162.55	652096.56, 4220	1.6019	1.22821	1.23267	4.83E-04	6.57E-06	7.14E-06	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.2E-08
212	SCH_	652116.56	4220162.55	652116.56, 4220	1.66959	1.2716	1.27498	5.03E-04	6.80E-06	7.39E-06	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.8E-09	6.1E-09	7.3E-09	3.4E-08
213	SCH_	652136.56	4220162.55	652136.56, 4220	1.74205	1.31743	1.3221	5.25E-04	7.05E-06	7.66E-06	5.40E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.5E-08
214	SCH_	652156.56	4220162.55	652156.56, 4220	1.81968	1.36623	1.37118	5.49E-04	7.31E-06	7.95E-06	5.64E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.4E-09	6.7E-09	7.9E-09	3.7E-08
215	SCH_	652176.56	4220162.55	652176.56, 4220	1.90291	1.41824	1.42271	5.74E-04	7.59E-06	8.25E-06	5.89E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
216	SCH_	652196.56	4220162.55	652196.56, 4220	1.99243	1.47373	1.47768	6.01E-04	7.88E-06	8.56E-06	6.17E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.0E-08
217	SCH_	652216.56	4220162.55	652216.56, 4220	2.0889	1.53287	1.53619	6.30E-04	8.20E-06	8.90E-06	6.47E-04	2.2E-07	6.8E-07	3.9E-07	3.5E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	9.1E-09	4.2E-08
218	SCH_	652236.56	4220162.55	652236.56, 4220	2.19318	1.59588	1.59863	6.61E-04	8.54E-06	9.27E-06	6.79E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.9E-09	8.0E-09	9.5E-09	4.4E-08
219	SCH_	652256.56	4220162.55	652256.56, 4220	2.30614	1.66324	1.66505	6.95E-04	8.90E-06	9.65E-06	7.14E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.3E-09	8.5E-09	1.0E-08	4.7E-08
220	SCH_	652276.56	4220162.55	652276.56, 4220	2.42874	1.73547	1.73515	7.32E-04	9.28E-06	1.01E-05	7.51E-04	2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	1.1E-08	4.9E-08
221	SCH_	652296.56	4220162.55	652296.56, 4220	2.5622	1.81294	1.81111	7.72E-04	9.70E-06	1.05E-05	7.93E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.4E-09	1.1E-08	5.2E-08
222	SCH_	652316.56	4220162.55	652316.56, 4220	2.70776	1.89591	1.89241	8.16E-04	1.01E-05	1.10E-05	8.37E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.5E-08
223	SCH_	652336.56	4220162.55	652336.56, 4220	2.86688	1.98477	1.9784	8.64E-04	1.06E-05	1.15E-05	8.86E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	9.3E-10	2.2E-08	1.2E-08	1.0E-08	1.2E-08	5.8E-08
224	SCH_	652356.56	4220162.55	652356.56, 4220	3.04157	2.0804	2.07156	9.17E-04	1.11E-05	1.20E-05	9.40E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
225	SCH_	652376.56	4220162.55	652376.56, 4220	3.23409	2.18363	2.17231	9.75E-04	1.17E-05	1.26E-05	9.99E-04	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
226	SCH_	652396.56	4220162.55	652396.56, 4220	3.44726	2.29553	2.28009	1.04E-03	1.23E-05	1.32E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.0E-08
227	SCH_	652416.56	4220162.55	652416.56, 4220	3.6836	2.41716	2.39704	1.11E-03	1.29E-05	1.39E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.4E-08
228	SCH_	652436.56	4220162.55	652436.56, 4220	3.94674	2.54941	2.52382	1.19E-03	1.36E-05	1.46E-05	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	8.0E-08
229	SCH_	652456.56	4220162.55	652456.56, 4220	4.24237	2.69373	2.66163	1.28E-03	1.44E-05	1.54E-05	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	1.8E-08	8.6E-08
230	SCH_	652096.56	4220182.55	652096.56, 4220	1.60785	1.22896	1.23053	4.85E-04	6.57E-06	7.13E-06	4.98E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08
231	SCH_	652116.56	4220182.55	652116.56, 4220	1.67564	1.27284	1.27472	5.05E-04	6.81E-06	7.39E-06	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
232	SCH_	652136.56	4220182.55	652136.56, 4220	1.74813	1.31987	1.32069	5.27E-04	7.06E-06	7.65E-06	5.42E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.5E-08
233	SCH_	652156.56	4220182.55	652156.56, 4220	1.8259	1.36948	1.36886	5.50E-04	7.33E-06	7.93E-06	5.66E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.4E-09	6.7E-09	7.9E-09	3.7E-08
234	SCH_	652176.56	4220182.55	652176.56, 4220	1.90939	1.42206	1.42026	5.76E-04	7.61E-06	8.23E-06	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
235	SCH_	652196.56	4220182.55	652196.56, 4220	1.99911	1.47785	1.47459	6.03E-04	7.91E-06	8.55E-06	6.19E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.0E-08
236	SCH_	652216.56	4220182.55	652216.56, 4220	2.09578	1.53713	1.53276	6.32E-04	8.22E-06	8.88E-06	6.49E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	9.1E-09	4.2E-08
237	SCH_	652236.56	4220182.55	652236.56, 4220	2.20025	1.60037	1.59386	6.63E-04	8.56E-06	9.24E-06	6.81E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.2E-10	1.7E-08	8.9E-09	8.1E-09	9.6E-09	4.5E-08
238	SCH_	652256.56	4220182.55	652256.56, 4220	2.31346	1.66792	1.65894	6.97E-04	8.92E-06	9.61E-06	7.16E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.4E-09	8.5E-09	1.0E-08	4.7E-08
239	SCH_	652276.56	4220182.55	652276.56, 4220	2.43619	1.73993	1.72929	7.34E-04	9.31E-06	1.00E-05	7.54E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.9E-09	8.9E-09	1.1E-08	4.9E-08

240	SCH_	652296.56	4220182.55	652296.56, 4220	2.56966	1.81694	1.80339	7.75E-04	9.72E-06	1.05E-05	7.95E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.4E-09	1.1E-08	5.2E-08
241	SCH_	652316.56	4220182.55	652316.56, 4220	2.7152	1.89965	1.88249	8.18E-04	1.02E-05	1.09E-05	8.40E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.5E-08
242	SCH_	652336.56	4220182.55	652336.56, 4220	2.87463	1.98876	1.96831	8.66E-04	1.06E-05	1.14E-05	8.89E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	9.3E-10	2.3E-08	1.2E-08	1.1E-08	1.2E-08	5.8E-08
243	SCH_	652356.56	4220182.55	652356.56, 4220	3.0496	2.08492	2.05983	9.19E-04	1.12E-05	1.19E-05	9.42E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.2E-08
244	SCH_	652376.56	4220182.55	652376.56, 4220	3.24222	2.18867	2.1578	9.77E-04	1.17E-05	1.25E-05	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.1E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
245	SCH_	652396.56	4220182.55	652396.56, 4220	3.45494	2.30063	2.26454	1.04E-03	1.23E-05	1.31E-05	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.0E-08
246	SCH_	652416.56	4220182.55	652416.56, 4220	3.69125	2.42196	2.37907	1.11E-03	1.30E-05	1.38E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.4E-08
247	SCH_	652436.56	4220182.55	652436.56, 4220	3.95418	2.55372	2.50344	1.19E-03	1.37E-05	1.45E-05	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	8.0E-08
248	SCH_	652456.56	4220182.55	652456.56, 4220	4.24965	2.69775	2.639	1.28E-03	1.44E-05	1.53E-05	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	1.8E-08	8.6E-08
249	SCH_	652476.56	4220182.55	652476.56, 4220	4.58378	2.85541	2.78695	1.38E-03	1.53E-05	1.62E-05	1.41E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	2.0E-08	9.2E-08
250	SCH_	652096.56	4220202.55	652096.56, 4220	1.61085	1.23153	1.22851	4.86E-04	6.59E-06	7.12E-06	4.99E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08
251	SCH_	652116.56	4220202.55	652116.56, 4220	1.67866	1.27632	1.27207	5.06E-04	6.83E-06	7.37E-06	5.20E-04	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
252	SCH_	652136.56	4220202.55	652136.56, 4220	1.75127	1.32282	1.31646	5.28E-04	7.08E-06	7.63E-06	5.43E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.5E-08
253	SCH_	652156.56	4220202.55	652156.56, 4220	1.82898	1.37205	1.36474	5.51E-04	7.34E-06	7.91E-06	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.4E-09	6.7E-09	7.9E-09	3.7E-08
254	SCH_	652176.56	4220202.55	652176.56, 4220	1.91247	1.42447	1.41506	5.76E-04	7.62E-06	8.20E-06	5.92E-04	2.1E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
255	SCH_	652196.56	4220202.55	652196.56, 4220	2.00214	1.48021	1.46904	6.03E-04	7.92E-06	8.51E-06	6.20E-04	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.1E-08
256	SCH_	652216.56	4220202.55	652216.56, 4220	2.09873	1.53957	1.52555	6.33E-04	8.24E-06	8.84E-06	6.50E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	9.1E-09	4.2E-08
257	SCH_	652236.56	4220202.55	652236.56, 4220	2.20296	1.60264	1.58595	6.64E-04	8.57E-06	9.19E-06	6.82E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.2E-10	1.7E-08	8.9E-09	8.1E-09	9.6E-09	4.5E-08
258	SCH_	652256.56	4220202.55	652256.56, 4220	2.31579	1.66978	1.65061	6.98E-04	8.93E-06	9.57E-06	7.17E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.4E-09	8.5E-09	1.0E-08	4.7E-08
259	SCH_	652276.56	4220202.55	652276.56, 4220	2.43815	1.74173	1.71879	7.35E-04	9.32E-06	9.96E-06	7.54E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.9E-09	8.9E-09	1.1E-08	4.9E-08
260	SCH_	652296.56	4220202.55	652296.56, 4220	2.57123	1.81904	1.79178	7.75E-04	9.73E-06	1.04E-05	7.95E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.4E-09	1.1E-08	5.2E-08
261	SCH_	652316.56	4220202.55	652316.56, 4220	2.71647	1.90195	1.87032	8.19E-04	1.02E-05	1.08E-05	8.40E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.5E-08
262	SCH_	652336.56	4220202.55	652336.56, 4220	2.8752	1.99054	1.95351	8.67E-04	1.06E-05	1.13E-05	8.89E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	9.3E-10	2.3E-08	1.2E-08	1.1E-08	1.2E-08	5.8E-08
263	SCH_	652356.56	4220202.55	652356.56, 4220	3.04948	2.08571	2.0436	9.19E-04	1.12E-05	1.18E-05	9.42E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.2E-08
264	SCH_	652376.56	4220202.55	652376.56, 4220	3.24141	2.18878	2.1405	9.77E-04	1.17E-05	1.24E-05	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.1E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
265	SCH_	652396.56	4220202.55	652396.56, 4220	3.45331	2.30031	2.24453	1.04E-03	1.23E-05	1.30E-05	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.8E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.0E-08
266	SCH_	652416.56	4220202.55	652416.56, 4220	3.68831	2.42095	2.35769	1.11E-03	1.30E-05	1.37E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.4E-08
267	SCH_	652436.56	4220202.55	652436.56, 4220	3.95004	2.55168	2.48014	1.19E-03	1.37E-05	1.44E-05	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	8.0E-08
268	SCH_	652456.56	4220202.55	652456.56, 4220	4.24386	2.69428	2.6138	1.28E-03	1.44E-05	1.51E-05	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	1.8E-08	8.6E-08
269	SCH_	652476.56	4220202.55	652476.56, 4220	4.57622	2.85049	2.76011	1.38E-03	1.52E-05	1.60E-05	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	2.0E-08	9.2E-08
270	SCH_	652096.56	4220222.55	652096.56, 4220	1.61149	1.23367	1.22484	4.86E-04	6.60E-06	7.10E-06	4.99E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08
271	SCH_	652116.56	4220222.55	652116.56, 4220	1.67922	1.27726	1.2658	5.06E-04	6.83E-06	7.34E-06	5.20E-04	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
272	SCH_	652136.56	4220222.55	652136.56, 4220	1.75156	1.32383	1.31096	5.28E-04	7.08E-06	7.60E-06	5.43E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.5E-08
273	SCH_	652156.56	4220222.55	652156.56, 4220	1.82896	1.37333	1.35768	5.51E-04	7.35E-06	7.87E-06	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.4E-09	6.7E-09	7.9E-09	3.7E-08
274	SCH_	652176.56	4220222.55	652176.56, 4220	1.91208	1.42546	1.40794	5.76E-04	7.63E-06	8.16E-06	5.92E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
275	SCH_	652196.56	4220222.55	652196.56, 4220	2.00139	1.48097	1.46012	6.03E-04	7.92E-06	8.46E-06	6.20E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.6E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.1E-08
276	SCH_	652216.56	4220222.55	652216.56, 4220	2.09754	1.53987	1.51607	6.32E-04	8.24E-06	8.79E-06	6.49E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	9.1E-09	4.2E-08
277	SCH_	652236.56	4220222.55	652236.56, 4220	2.20129	1.60283	1.57561	6.64E-04	8.57E-06	9.13E-06	6.81E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.2E-10	1.7E-08	8.9E-09	8.1E-09	9.6E-09	4.5E-08
278	SCH_	652256.56	4220222.55	652256.56, 4220	2.31356	1.67013	1.63854	6.97E-04	8.93E-06	9.50E-06	7.16E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.4E-09	8.5E-09	1.0E-08	4.7E-08
279	SCH_	652276.56	4220222.55	652276.56, 4220	2.43539	1.74182	1.70571	7.34E-04	9.32E-06	9.89E-06	7.53E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	1.1E-08	4.9E-08
280	SCH_	652296.56	4220222.55	652296.56, 4220	2.56795	1.81807	1.77772	7.74E-04	9.73E-06	1.03E-05	7.94E-04	2.7E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.4E-09	1.1E-08	5.2E-08
281	SCH_	652316.56	4220222.55	652316.56, 4220	2.71233	1.89985	1.85409	8.18E-04	1.02E-05	1.07E-05	8.38E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.5E-08
282	SCH_	652336.56	4220222.55	652336.56, 4220	2.87022	1.98809	1.93696	8.65E-04	1.06E-05	1.12E-05	8.87E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	9.3E-10	2.3E-08	1.2E-08	1.1E-08	1.2E-08	5.8E-08
283	SCH_	652356.56	4220222.55	652356.56, 4220	3.04334	2.08287	2.02528	9.17E-04	1.11E-05	1.17E-05	9.40E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
284	SCH_	652376.56	4220222.55	652376.56, 4220	3.234	2.18457	2.12081	9.75E-04	1.17E-05	1.23E-05	9.99E-04	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
285	SCH_	652396.56	4220222.55	652396.56, 4220	3.44464	2.29445	2.22394	1.04E-03	1.23E-05	1.29E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.0E-08
286	SCH_	652416.56	4220222.55	652416.56, 4220	3.67833	2.41371	2.33565	1.11E-03	1.29E-05	1.35E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.4E-08
287	SCH_	652436.56	4220222.55	652436.56, 4220	3.93826	2.54284	2.45717	1.19E-03	1.36E-05	1.42E-05	1.21E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	7.9E-08
288	SCH_	652456.56	4220222.55	652456.56, 4220	4.23027	2.68357	2.59003	1.28E-03	1.44E-05	1.50E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.5E-08
289	SCH_	652476.56	4220222.55	652476.56, 4220	4.56019	2.83726	2.73589	1.37E-03	1.52E-05	1.59E-05	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	2.0E-08	9.2E-08
290	SCH_	652096.56	4220242.55	652096.56, 4220	1.61017	1.23369	1.21748	4.85E-04	6.60E-06	7.06E-06	4.99E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08
291	SCH_	652116.56	4220242.55	652116.56, 4220	1.67741	1.27752	1.25902	5.06E-04	6.83E-06	7.30E-06	5.20E-04	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
292	SCH_	652136.56	4220242.55	652136.56, 4220	1.74931	1.3241	1.3025	5.27E-04	7.08E-06	7.55E-06	5.42E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.5E-08
293	SCH_	652156.56	4220242.55	652156.56, 4220	1.82636	1.37271	1.34929	5.51E-04	7.34E-06	7.82E-06	5.66E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.4E-09	6.7E-09	7.9E-09	3.7E-08
294	SCH_	652176.56	4220242.55	652176.56, 4220	1.90894	1.42467	1.39757	5.75E-04	7.62E-06	8.10E-06	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
295	SCH_	652196.56	4220242.55	652196.56, 4220	1.99785	1.47976	1.44945	6.02E-04	7.92E-06	8.40E-06	6.19E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.0E-08
296	SCH_	652216.56	4220242.55	652216.56, 4220	2.09348	1.53856	1.50456	6.31E-04	8.23E-06	8.72E-06	6.48E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	9.1E-09	4.2E-08
297	SCH_	652236.56	4220242.55	652236.56, 4220	2.19669	1.60089	1.56269	6.62E-04	8.56E-06	9.06E-06	6.80E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.9E-09	8.1E-09	9.5E-09	4.4E-08
298	SCH_	652256.56	4220242.55	652256.56, 4220	2.30834	1.66707	1.62482	6.96E-04	8.92E-06	9.42E-06	7.14E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.3E-09	8.5E-09	1.0E-08	4.7E-08
299	SCH_	652276.56	4220242.55	652276.56, 4220	2.42932	1.73762	1.69129	7.32E-04	9.30E-06	9.80E-06	7.51E-04	2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	1.1E-08	4.9E-08
300	SCH_	652296.56	4220242.55	652296.56, 4220	2.56086	1.81342	1.76176	7.72E-04	9.70E-06	1.02E-05	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.4E-09	1.1E-08	5.2E-08
301	SCH_	652316.56	4220242.55	652316.56, 4220	2.70424	1.89455	1.83801	8.15E-04	1.01E-05	1.07E-05	8.36E-04	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.5E-08
302	SCH_	652336.56	4220242.55	652336.56, 4220	2.86105	1.98116	1.91923	8.62E-04	1.06E-05	1.11E-05	8.84E-04	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.3E-10	2.2E-08	1.2E-08	1.0E-08	1.2E-08	5.8E-08
303	SCH_	652356.56	4220242.55	652356.56, 4220	3.03322	2.07433	2.00715	9.14E-04	1.11E-05	1.16E-05	9.37E-04	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	9.8E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
304	SCH_	652376.56	4220242.55	652376.56, 4220	3.22245	2.17491	2.10179	9.71E-04	1.16E-05	1.22E-05	9.95E-04	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
305	SCH_	652396.56	4220242.55	652396.56, 4220	3.43136	2.28316	2.2044	1.03E-03	1.22E-05	1.28E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	6.9E-08
306	SCH_	652416.56	4220242.55	652416.56, 4220	3.66309	2.40014	2.31599	1.10E-03	1.28E-05	1.34E-05	1.13E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.4E-08
307	SCH_	652436.56	4220242.55	652436.56, 4220	3.92093	2.52695	2.43756	1.18E-03	1.35E-05	1.41E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	7.9E-08
308	SCH_	652456.56	4220242.55	652456.56, 4220	4.21143	2.66532	2.57076	1.27E-03	1.43E-05	1.49E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.5E-08
309	SCH_	652476.56	4220242.55	652476.56, 4220	4.53825	2.81604	2.71702	1.37E-03	1.51E-05	1.57E-05	1.40E-03	4.8E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	2.0E-08	9.1E-08
310	SCH_	652096.56	4220262.55	652096.56, 4220	1.6068	1.23259	1.20881	4.84E-04	6.59E-06	7.01E-06	4.98E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08
311	SCH_	652116.56	4220262.55	652116.56, 4220	1.67373	1.27642	1.24997	5.05E-04	6.83E-06	7.24E-06	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.8E-09	6.1E-09	7.3E-09	3.4E-08
312	SCH_	652136.56	4220262.55	652136.56, 4220	1.74523	1.3218	1.29309	5.26E-04	7.07E-06	7.49E-06	5.41E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.5E-08
313	SCH_	652156.56	4220262.55	652156.56, 4220	1.82183	1.37032	1.33854	5.49E-04	7.33E-06	7.76E-06	5.64E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.4E-09	6.7E-09	7.9E-09	3.7E-08
314	SCH_	652176.56	4220262.55	652176.56, 4220	1.904	1.42173	1.38652	5.74E-04	7.61E-06	8.04E-06	5.90E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
315	SCH_	652196.56	4220262.55	652196.56, 4220	1.99226	1.47638	1.43748	6.01E-04	7.90E-06	8.33E-06	6.17E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.0E-08
316	SCH_	652216.56	4220262.55	652216.56, 4220	2.0872	1.53405	1.49179	6.29E-04	8.21E-06	8.65E-06	6.46E-04	2.2E-07	6.8E-07	3.9E-07	3.5E-07	1.6E-07	6.8E-10	1.6E-08	8.4E-09	7.7E-09	9.1E-09	4.2E-08
317	SCH_	652236.56	4220262.55	652236.56, 4220	2.18954	1.59537	1.54918	6.60E-04	8.53E-06	8.98E-06	6.78E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.9E-09	8.0E-09	9.5E-09	4.4E-08
318	SCH_	652256.56	4220262.55	652256.56, 4220	2.30029	1.66085	1.61081	6.93E-04	8.89E-06	9.34E-06	7.12E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.3E-09	8.4E-09	1.0E-08	4.7E-08
319	SCH_	652276.56	4220262.55	652276.56, 4220	2.42042	1.73069	1.67616	7.30E-04	9.26E-06	9.71E-06	7.49E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	1.1E-08	4.9E-08
320	SCH_	652296.56	4220262.55	652296.56, 4220	2.55113	1.80495	1.74674	7.69E-04	9.66E-06	1.01E-05	7.89E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.3E-09	1.1E-08	5.2E-08
321	SCH_	652316.56	4220262.55	652316.56, 4220	2.69354	1.88443	1.822	8.12E-04	1.01E-05	1.06E-05	8.33E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	8.7E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.4E-08
322	SCH_	652336.56	4220262.55	652336.56, 4220	2.84922	1.96987	1.90329	8.59E-04	1.05E-05	1.10E-05	8.80E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.3E-10	2.2E-08	1.2E-08	1.0E-08	1.2E-08	5.8E-08
323	SCH_	652356.56	4220262.55	652356.56, 4220	3.01998	2.0615	1.9907	9.10E-04	1.10E-05	1.15E-05	9.33E-04	3.2E-07	9.8E-07	5.6E-07	5.1E-07	2.3E-07	9.8E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
324	SCH_	652376.56	4220262.55	652376.56, 4220	3.2079	2.15987	2.08565	9.67E-04	1.16E-05	1.21E-05	9.91E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
325	SCH_	652396.56	4220262.55	652396.56, 4220	3.41555	2.2662	2.18845	1.03E-03	1.21E-05	1.27E-05	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.1E-09	2.7E-08	1.4E-08	1.2E-08	1.5E-08	6.9E-08
326	SCH_	652416.56	4220262.55	652416.56, 4220	3.64567	2.38117	2.30053	1.10E-03	1.27E-05	1.33E-05	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.4E-08
327	SCH_	652436.56	4220262.55	652436.56, 4220	3.90193	2.50575	2.42276	1.18E-03	1.34E-05	1.40E-05	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	7.9E-08
328	SCH_	652456.56	4220262.55	652456.56, 4220	4.18975	2.64164	2.55711	1.26E-03	1.41E-05	1.48E-05	1.29E-03	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.4E-08
329	SCH_	652476.56	4220262.55	652476.56, 4220	4.51322	2.79003	2.70458	1.36E-03	1.49E-05	1.57E-05	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	2.0E-08	9.1E-08
330	SCH_	652096.56	4220282.55	652096.56, 4220	1.60236	1.22993	1.19993	4.83E-04	6.58E-06	6.95E-06	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.2E-08
331	SCH_	652116.56	4220282.55	652116.56, 4220	1.66877	1.27253	1.23981	5.03E-04	6.81E-06	7.19E-06	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.8E-09	6.1E-09	7.3E-09	3.4E-08
332	SCH_	652136.56	4220282.55	652136.56, 4220	1.73968	1.31762	1.28262	5.24E-04	7.05E-06	7.43E-06	5.39E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	5.7E-10	1.4E-08	7.0E-09	6.4E-09	7.6E-09	3.5E-08
333	SCH_	652156.56	4220282.55	652156.56, 4220	1.81562	1.36563	1.32722	5.47E-04	7.31E-06	7.69E-06	5.62E-04	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.7E-09	7.9E-09	3.7E-08
334	SCH_	652176.56	4220282.55	652176.56, 4220	1.89707	1.41624	1.3748	5.72E-04	7.58E-06	7.97E-06	5.87E-04	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.2E-09	3.8E-08
335	SCH_	652196.56	4220282.55	652196.56, 4220	1.98464	1.46979	1.42542	5.98E-04	7.86E-06	8.26E-06	6.14E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.5E-10	1.6E-08	8.0E-09	7.3E-09	8.6E-09	4.0E-08
336	SCH_	652216.56	4220282.55	652216.56, 4220	2.07897	1.52655	1.47889	6.27E-04	8.17E-06	8.57E-06	6.43E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.8E-10	1.6E-08	8.4E-09	7.6E-09	9.0E-09	4.2E-08
337	SCH_	652236.56	4220282.55	652236.56, 4220	2.18074	1.58705	1.53637	6.57E-04	8.49E-06	8.90E-06	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.8E-09	8.0E-09	9.5E-09	4.4E-08
338	SCH_	652256.56	4220282.55	652256.56, 4220	2.29089	1.65132	1.59742	6.91E-04	8.83E-06	9.26E-06	7.09E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.4E-10	1.8E-08	9.3E-09	8.4E-09	9.9E-09	4.6E-08
339	SCH_	652276.56	4220282.55	652276.56, 4220	2.41027	1.71961	1.66284	7.27E-04	9.20E-06	9.64E-06	7.45E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.8E-10	1.9E-08	9.7E-09	8.8E-09	1.0E-08	4.9E-08
340	SCH_	652296.56	4220282.55	652296.56, 4220	2.54004	1.79271	1.73299	7.66E-04	9.59E-06	1.00E-05	7.85E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.3E-09	1.1E-08	5.1E-08
341	SCH_	652316.56	4220282.55	652316.56, 4220	2.68146	1.87098	1.80848	8.08E-04	1.00E-05	1.05E-05	8.29E-04	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	8.7E-10	2.1E-08	1.1E-08	9.8E-09	1.2E-08	5.4E-08
342	SCH_	652336.56	4220282.55	652336.56, 4220	2.8361	1.95473	1.88996	8.55E-04	1.05E-05	1.10E-05	8.76E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.7E-08
343	SCH_	652356.56	4220282.55	652356.56, 4220	3.00574	2.04453	1.97805	9.06E-04	1.09E-05	1.15E-05	9.28E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	9.8E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
344	SCH_	652376.56	4220282.55	652376.56, 4220	3.19238	2.14158	2.07338	9.62E-04	1.15E-05	1.20E-05	9.86E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.4E-08
345	SCH_	652396.56	4220282.55	652396.56, 4220	3.39859	2.24602	2.17732	1.02E-03	1.20E-05	1.26E-05	1.05E-03	3.6E-07	1.1E-06	6.3E-07	5.8E-07	2.6E-07	1.1E-09	2.7E-08	1.4E-08	1.2E-08	1.5E-08	6.9E-08
346	SCH_	652416.56	4220282.55	652416.56, 4220	3.62699	2.35918	2.29023	1.09E-03	1.26E-05	1.33E-05	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	1.6E-08	7.3E-08
347	SCH_	652436.56	4220282.55	652436.56, 4220	3.88144	2.48222	2.4139	1.17E-03	1.33E-05	1.40E-05	1.20E-03	4.1E-07	1.3E-06	7.2E-07	6.6E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	1.7E-08	7.8E-08
348	SCH_	652456.56	4220282.55	652456.56, 4220	4.16667	2.61641	2.54958	1.26E-03	1.40E-05	1.48E-05	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.4E-08
349	SCH_	652476.56	4220282.55	652476.56, 4220	4.48627	2.76323	2.69828	1.35E-03	1.48E-05	1.56E-05	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	1.9E-08	9.0E-08
350	SCH_	652096.56	4220302.55	652096.56, 4220	1.59651	1.22492	1.1901	4.81E-04	6.55E-06	6.90E-06	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	6.9E-09	3.2E-08
351	SCH_	652116.56	4220302.55	652116.56, 4220	1.6625	1.26643	1.22986	5.01E-04	6.78E-06	7.13E-06	5.15E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.1E-09	7.2E-09	3.4E-08
352	SCH_	652136.56	4220302.55	652136.56, 4220	1.73297	1.31157	1.27195	5.22E-04	7.02E-06	7.37E-06	5.37E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.4E-09	7.5E-09	3.5E-08
353	SCH_	652156.56	4220302.55	652156.56, 4220	1.80849	1.35817	1.31633	5.45E-04	7.27E-06	7.63E-06	5.60E-04	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.6E-09	7.9E-09	3.7E-08
354	SCH_	652176.56	4220302.55	652176.56, 4220	1.88948	1.40809	1.36387	5.70E-04	7.53E-06	7.90E-06	5.85E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.1E-10	1.5E-08	7.6E-09	6.9E-09	8.2E-09	3.8E-08
355	SCH_	652196.56	4220302.55	652196.56, 4220	1.97649	1.46055	1.41396	5.96E-04	7.81E-06	8.19E-06	6.12E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.4E-10	1.6E-08	8.0E-09	7.2E-09	8.6E-09	4.0E-08
356	SCH_	652216.56	4220302.55	652216.56, 4220	2.07024	1.5166	1.46771	6.24E-04	8.11E-06	8.51E-06	6.41E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.7E-10	1.6E-08	8.4E-09	7.6E-09	9.0E-09	4.2E-08
357	SCH_	652236.56	4220302.55	652236.56, 4220	2.17124	1.57589	1.52492	6.54E-04	8.43E-06	8.84E-06	6.72E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.8E-09	8.0E-09	9.4E-09	4.4E-08
358	SCH_	652256.56	4220302.55	652256.56, 4220	2.28047	1.63886	1.58591	6.87E-04	8.77E-06	9.19E-06	7.05E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.4E-10	1.8E-08	9.2E-09	8.4E-09	9.9E-09	4.6E-08
359	SCH_	652276.56	4220302.55	652276.56, 4220	2.39906	1.70616	1.65181	7.23E-04	9.13E-06	9.57E-06	7.42E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.8E-10	1.9E-08	9.7E-09	8.8E-09	1.0E-08	4.9E-08
360	SCH_	652296.56	4220302.55	652296.56, 4220	2.52802	1.77797	1.72221	7.62E-04	9.51E-06	9.98E-06	7.82E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	8.2E-10	2.0E-08	1.0E-08	9.3E-09	1.1E-08	5.1E-08
361	SCH_	652316.56	4220302.55	652316.56, 4220	2.66874	1.85488	1.79844	8.04E-04	9.92E-06	1.04E-05	8.25E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	8.7E-10	2.1E-08	1.1E-08	9.8E-09	1.2E-08	5.4E-08
362	SCH_	652336.56	4220302.55	652336.56, 4220	2.82254	1.93725	1.88031	8.51E-04	1.04E-05	1.09E-05	8.72E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.7E-08
363	SCH_	652356.56	4220302.55	652356.56, 4220	2.99125	2.02608	1.96935	9.02E-04	1.08E-05	1.14E-05	9.24E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	9.7E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	6.0E-08
364	SCH_	652376.56	4220302.55	652376.56, 4220	3.17674	2.12153	2.06568	9.58E-04	1.13E-05	1.20E-05	9.81E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.4E-08
365	SCH_	652396.56	4220302.55	652396.56, 4220	3.38151	2.22515	2.17034	1.02E-03	1.19E-05	1.26E-05	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.4E-08	1.2E-08	1.5E-08	6.8E-08

366	SCH_	652416.56	4220302.55	652416.56, 422(	3.60761	2.33718	2.28447	1.09E-03	1.25E-05	1.32E-05	1.11E-03	3.9E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	1.6E-08	7.3E-08
367	SCH_	652436.56	4220302.55	652436.56, 422(	3.85942	2.45946	2.40931	1.16E-03	1.32E-05	1.40E-05	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	1.7E-08	7.8E-08
368	SCH_	652456.56	4220302.55	652456.56, 422(	4.1403	2.59302	2.54556	1.25E-03	1.39E-05	1.48E-05	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	1.8E-08	8.3E-08
369	SCH_	652476.56	4220302.55	652476.56, 422(	4.45372	2.73938	2.69438	1.34E-03	1.47E-05	1.56E-05	1.37E-03	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	1.9E-08	9.0E-08
370	SCH_	652096.56	4220322.55	652096.56, 422(	1.59008	1.2174	1.18055	4.79E-04	6.51E-06	6.84E-06	4.93E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.4E-09	5.8E-09	6.9E-09	3.2E-08
371	SCH_	652116.56	4220322.55	652116.56, 422(	1.65563	1.25928	1.22031	4.99E-04	6.74E-06	7.07E-06	5.13E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.1E-09	7.2E-09	3.4E-08
372	SCH_	652136.56	4220322.55	652136.56, 422(	1.72567	1.3027	1.26228	5.20E-04	6.97E-06	7.32E-06	5.34E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.3E-09	7.5E-09	3.5E-08
373	SCH_	652156.56	4220322.55	652156.56, 422(	1.80067	1.34918	1.30667	5.43E-04	7.22E-06	7.57E-06	5.58E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.6E-09	7.8E-09	3.6E-08
374	SCH_	652176.56	4220322.55	652176.56, 422(	1.88115	1.39764	1.35406	5.67E-04	7.48E-06	7.85E-06	5.82E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.1E-10	1.5E-08	7.6E-09	6.9E-09	8.2E-09	3.8E-08
375	SCH_	652196.56	4220322.55	652196.56, 422(	1.9676	1.44968	1.40427	5.93E-04	7.76E-06	8.14E-06	6.09E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	6.4E-10	1.5E-08	8.0E-09	7.2E-09	8.5E-09	4.0E-08
376	SCH_	652216.56	4220322.55	652216.56, 422(	2.0607	1.50443	1.45821	6.21E-04	8.05E-06	8.45E-06	6.38E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.7E-10	1.6E-08	8.3E-09	7.6E-09	8.9E-09	4.2E-08
377	SCH_	652236.56	4220322.55	652236.56, 422(	2.16123	1.56274	1.51565	6.51E-04	8.36E-06	8.78E-06	6.69E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.0E-10	1.7E-08	8.7E-09	7.9E-09	9.4E-09	4.4E-08
378	SCH_	652256.56	4220322.55	652256.56, 422(	2.27015	1.6249	1.57739	6.84E-04	8.69E-06	9.14E-06	7.02E-04	2.4E-07	7.3E-07	4.2E-07	3.9E-07	1.8E-07	7.4E-10	1.8E-08	9.2E-09	8.3E-09	9.8E-09	4.6E-08
379	SCH_	652276.56	4220322.55	652276.56, 422(	2.3883	1.69115	1.64355	7.20E-04	9.05E-06	9.53E-06	7.38E-04	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.8E-07	7.8E-10	1.9E-08	9.7E-09	8.7E-09	1.0E-08	4.8E-08
380	SCH_	652296.56	4220322.55	652296.56, 422(	2.51667	1.76216	1.71491	7.59E-04	9.43E-06	9.94E-06	7.78E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	8.2E-10	2.0E-08	1.0E-08	9.2E-09	1.1E-08	5.1E-08
381	SCH_	652316.56	4220322.55	652316.56, 422(	2.65662	1.83814	1.79154	8.01E-04	9.83E-06	1.04E-05	8.21E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	8.6E-10	2.1E-08	1.1E-08	9.7E-09	1.2E-08	5.4E-08
382	SCH_	652336.56	4220322.55	652336.56, 422(	2.80948	1.92	1.87477	8.47E-04	1.03E-05	1.09E-05	8.68E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.1E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.7E-08
383	SCH_	652356.56	4220322.55	652356.56, 422(	2.97698	2.00775	1.96425	8.97E-04	1.07E-05	1.14E-05	9.19E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	9.7E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	6.0E-08
384	SCH_	652376.56	4220322.55	652376.56, 422(	3.16091	2.10308	2.06157	9.53E-04	1.13E-05	1.19E-05	9.76E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.4E-08
385	SCH_	652396.56	4220322.55	652396.56, 422(	3.36336	2.20591	2.16764	1.01E-03	1.18E-05	1.26E-05	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.4E-08	1.2E-08	1.5E-08	6.8E-08
386	SCH_	652416.56	4220322.55	652416.56, 422(	3.58706	2.31821	2.28226	1.08E-03	1.24E-05	1.32E-05	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.4E-08	1.3E-08	1.6E-08	7.2E-08
387	SCH_	652436.56	4220322.55	652436.56, 422(	3.83536	2.44049	2.4072	1.16E-03	1.31E-05	1.40E-05	1.18E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	1.7E-08	7.7E-08
388	SCH_	652456.56	4220322.55	652456.56, 422(	4.11034	2.57455	2.54304	1.24E-03	1.38E-05	1.47E-05	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	1.8E-08	8.3E-08
389	SCH_	652476.56	4220322.55	652476.56, 422(	4.41561	2.7216	2.69099	1.33E-03	1.46E-05	1.56E-05	1.36E-03	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	1.9E-08	8.9E-08
390	SCH_	652096.56	4220342.55	652096.56, 422(	1.58321	1.20881	1.17215	4.77E-04	6.47E-06	6.79E-06	4.90E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.2E-08	6.4E-09	5.8E-09	6.9E-09	3.2E-08
391	SCH_	652116.56	4220342.55	652116.56, 422(	1.64839	1.25	1.21175	4.97E-04	6.69E-06	7.02E-06	5.11E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.0E-09	7.2E-09	3.3E-08
392	SCH_	652136.56	4220342.55	652136.56, 422(	1.71814	1.29282	1.25365	5.18E-04	6.92E-06	7.27E-06	5.32E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.3E-09	7.5E-09	3.5E-08
393	SCH_	652156.56	4220342.55	652156.56, 422(	1.7927	1.33803	1.29876	5.40E-04	7.16E-06	7.53E-06	5.55E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.3E-09	6.6E-09	7.8E-09	3.6E-08
394	SCH_	652176.56	4220342.55	652176.56, 422(	1.87287	1.38646	1.34624	5.65E-04	7.42E-06	7.80E-06	5.80E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.1E-10	1.5E-08	7.6E-09	6.9E-09	8.1E-09	3.8E-08
395	SCH_	652196.56	4220342.55	652196.56, 422(	1.9589	1.43725	1.39677	5.90E-04	7.69E-06	8.10E-06	6.06E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	6.4E-10	1.5E-08	7.9E-09	7.2E-09	8.5E-09	4.0E-08
396	SCH_	652216.56	4220342.55	652216.56, 422(	2.05173	1.49155	1.45129	6.18E-04	7.98E-06	8.41E-06	6.35E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.7E-10	1.6E-08	8.3E-09	7.5E-09	8.9E-09	4.2E-08
397	SCH_	652236.56	4220342.55	652236.56, 422(	2.15194	1.54917	1.50919	6.49E-04	8.29E-06	8.75E-06	6.66E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.0E-10	1.7E-08	8.7E-09	7.9E-09	9.3E-09	4.4E-08
398	SCH_	652256.56	4220342.55	652256.56, 422(	2.26034	1.61071	1.57155	6.81E-04	8.62E-06	9.11E-06	6.99E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.3E-09	9.8E-09	4.6E-08
399	SCH_	652276.56	4220342.55	652276.56, 422(	2.37781	1.67656	1.6384	7.17E-04	8.97E-06	9.50E-06	7.35E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-10	1.9E-08	9.6E-09	8.7E-09	1.0E-08	4.8E-08
400	SCH_	652296.56	4220342.55	652296.56, 422(	2.50547	1.74688	1.71044	7.55E-04	9.35E-06	9.91E-06	7.74E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	8.1E-10	2.0E-08	1.0E-08	9.2E-09	1.1E-08	5.1E-08
401	SCH_	652316.56	4220342.55	652316.56, 422(	2.64453	1.82263	1.788	7.97E-04	9.75E-06	1.04E-05	8.17E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	8.6E-10	2.1E-08	1.1E-08	9.7E-09	1.1E-08	5.3E-08
402	SCH_	652336.56	4220342.55	652336.56, 422(	2.79631	1.90397	1.87156	8.43E-04	1.02E-05	1.08E-05	8.64E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	9.1E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.6E-08
403	SCH_	652356.56	4220342.55	652356.56, 422(	2.96234	1.9922	1.96255	8.93E-04	1.07E-05	1.14E-05	9.15E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	9.6E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	6.0E-08
404	SCH_	652376.56	4220342.55	652376.56, 422(	3.14426	2.08726	2.0604	9.48E-04	1.12E-05	1.19E-05	9.71E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.3E-08
405	SCH_	652396.56	4220342.55	652396.56, 422(	3.3439	2.191	2.16612	1.01E-03	1.17E-05	1.26E-05	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.7E-08
406	SCH_	652416.56	4220342.55	652416.56, 422(	3.56369	2.30355	2.28085	1.07E-03	1.23E-05	1.32E-05	1.10E-03	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	1.2E-09	2.8E-08	1.4E-08	1.3E-08	1.5E-08	7.2E-08
407	SCH_	652436.56	4220342.55	652436.56, 422(	3.80633	2.42707	2.40515	1.15E-03	1.30E-05	1.39E-05	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	1.6E-08	7.7E-08
408	SCH_	652456.56	4220342.55	652456.56, 422(	4.07319	2.56198	2.53989	1.23E-03	1.37E-05	1.47E-05	1.26E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.8E-08	8.2E-08
409	SCH_	652476.56	4220342.55	652476.56, 422(	4.36734	2.71042	2.68612	1.32E-03	1.45E-05	1.56E-05	1.35E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	1.9E-08	8.8E-08
410	SCH_	652096.56	4220362.55	652096.56, 422(	1.57652	1.19963	1.16534	4.75E-04	6.42E-06	6.75E-06	4.88E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.4E-09	5.8E-09	6.9E-09	3.2E-08
411	SCH_	652116.56	4220362.55	652116.56, 422(	1.6414	1.23955	1.20506	4.95E-04	6.63E-06	6.98E-06	5.08E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	7.1E-09	3.3E-08
412	SCH_	652136.56	4220362.55	652136.56, 422(	1.71076	1.28235	1.24694	5.16E-04	6.86E-06	7.23E-06	5.30E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.3E-08	6.9E-09	6.3E-09	7.4E-09	3.5E-08
413	SCH_	652156.56	4220362.55	652156.56, 422(	1.78513	1.32677	1.29236	5.38E-04	7.10E-06	7.49E-06	5.53E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.5E-09	7.8E-09	3.6E-08
414	SCH_	652176.56	4220362.55	652176.56, 422(	1.86506	1.37462	1.34055	5.62E-04	7.35E-06	7.77E-06	5.77E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.1E-10	1.5E-08	7.5E-09	6.8E-09	8.1E-09	3.8E-08
415	SCH_	652196.56	4220362.55	652196.56, 422(	1.95085	1.42523	1.3919	5.88E-04	7.62E-06	8.07E-06	6.04E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.9E-09	7.2E-09	8.5E-09	3.9E-08
416	SCH_	652216.56	4220362.55	652216.56, 422(	2.04323	1.47894	1.44662	6.16E-04	7.91E-06	8.38E-06	6.32E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.6E-10	1.6E-08	8.3E-09	7.5E-09	8.9E-09	4.1E-08
417	SCH_	652236.56	4220362.55	652236.56, 422(	2.14303	1.53635	1.50528	6.46E-04	8.22E-06	8.72E-06	6.63E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.0E-10	1.7E-08	8.7E-09	7.9E-09	9.3E-09	4.3E-08
418	SCH_	652256.56	4220362.55	652256.56, 422(	2.25086	1.59762	1.56821	6.78E-04	8.55E-06	9.09E-06	6.96E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.2E-09	9.8E-09	4.6E-08
419	SCH_	652276.56	4220362.55	652276.56, 422(	2.36779	1.66326	1.63584	7.14E-04	8.90E-06	9.48E-06	7.32E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-10	1.9E-08	9.6E-09	8.7E-09	1.0E-08	4.8E-08
420	SCH_	652296.56	4220362.55	652296.56, 422(	2.4947	1.73384	1.70831	7.52E-04	9.28E-06	9.90E-06	7.71E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	8.1E-10	2.0E-08	1.0E-08	9.1E-09	1.1E-08	5.0E-08
421	SCH_	652316.56	4220362.55	652316.56, 422(	2.63263	1.8096	1.78679	7.94E-04	9.68E-06	1.04E-05	8.14E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	8.5E-10	2.1E-08	1.1E-08	9.6E-09	1.1E-08	5.3E-08
422	SCH_	652336.56	4220362.55	652336.56, 422(	2.78291	1.89155	1.87127	8.39E-04	1.01E-05	1.08E-05	8.60E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	9.0E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.6E-08
423	SCH_	652356.56	4220362.55	652356.56, 422(	2.94671	1.97996	1.96175	8.88E-04	1.06E-05	1.14E-05	9.10E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	9.6E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	6.0E-08
424	SCH_	652376.56	4220362.55	652376.56, 422(	3.12562	2.07616	2.05965	9.42E-04	1.11E-05	1.19E-05	9.65E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.0E-09	2.4E-08	1.3E-08	1.1E-08	1.4E-08	6.3E-08
425	SCH_	652396.56	4220362.55	652396.56, 422(	3.32117	2.18026	2.1649	1.00E-03	1.17E-05	1.25E-05	1.03E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.7E-08
426	SCH_	652416.56	4220362.55	652416.56, 422(	3.5356	2.29439	2.27866	1.07E-03	1.23E-05	1.32E-05	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.1E-09	2.8E-08	1.4E-08	1.3E-08	1.5E-08	7.1E-08
427	SCH_	652436.56	4220362.55	652436.56, 422(	3.77026	2.41874	2.40158	1.14E-03	1.29E-05	1.39E-05	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	1.6E-08	7.6E-08
428	SCH_	652456.56	4220362.55	652456.56, 422(	4.02658	2.55508	2.53448	1.21E-03	1.37E-05	1.47E-05	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.7E-08	8.1E-08
429	SCH_	652476.56	4220362.55	652476.56, 422(	4.30621	2.70467	2.67812	1.30E-03	1.45E-05	1.55E-05	1.33E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.4E-09	3.4E-08	1.7E-08	1.6E-08	1.9E-08	8.7E-08
430	SCH_	652096.56	4220382.55	652096.56, 422(	1.57002	1.18974	1.16016	4.73E-04	6.36E-06	6.72E-06	4.86E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.4E-09	5.8E-09	6.8E-09	3.2E-08
431	SCH_	652116.56	4220382.55	652116.56, 422(	1.63471	1.22951	1.20038	4.93E-04	6.58E-06	6.96E-06	5.06E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	7.1E-09	3.3E-08
432	SCH_	652136.56	4220382.55	652136.56, 422(	1.70397	1.27155	1.24274	5.14E-04	6.80E-06	7.20E-06	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.9E-09	6.3E-09	7.4E-09	3.4E-08
433	SCH_	652156.56	4220382.55	652156.56, 422(	1.77813	1.31636	1.28821	5.36E-04	7.04E-06	7.47E-06	5.50E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.5E-09	7.7E-09	3.6E-08
434	SCH_	652176.56	4220382.55	652176.56, 422(	1.85774	1.36355	1.33666	5.60E-04	7.29E-06	7.75E-06	5.75E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.0E-10	1.5E-08	7.5E-09	6.8E-09	8.1E-09	3.8E-08
435	SCH_	652196.56	4220382.55	652196.56, 422(	1.94319	1.41408	1.38878	5.86E-04	7.57E-06	8.05E-06	6.01E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.9E-09	7.1E-09	8.4E-09	3.9E-08
436	SCH_	652216.56	4220382.55	652216.56, 422(	2.03537	1.46789	1.44418	6.14E-04	7.85E-06	8.37E-06	6.30E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.5E-09	8.8E-09	4.1E-08
437	SCH_	652236.56	4220382.55	652236.56, 422(	2.13474	1.52534	1.50351	6.43E-04	8.16E-06	8.71E-06	6.60E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	9.3E-09	4.3E-08
438	SCH_	652256.56	4220382.55	652256.56, 422(	2.24205	1.58674	1.56686	6.76E-04	8.49E-06	9.08E-06	6.93E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.2E-09	9.7E-09	4.5E-08
439	SCH_	652276.56	4220382.55	652276.56, 422(	2.35806	1.65279	1.63518	7.11E-04	8.84E-06	9.48E-06	7.29E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-10	1.9E-08	9.5E-09	8.6E-09	1.0E-08	4.8E-08
440	SCH_	652296.56	4220382.55	652296.56, 422(	2.48378	1.72369	1.70851	7.49E-04	9.22E-06	9.90E-06	7.68E-04	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.1E-10	1.9E-08	1.0E-08	9.1E-09	1.1E-08	5.0E-08
441	SCH_	652316.56	4220382.55	652316.56, 422(	2.62002	1.80014	1.7868	7.90E-04	9.63E-06	1.04E-05	8.10E-04	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	8.5E-10	2.1E-08	1.1E-08	9.6E-09	1.1E-08	5.3E-08
442	SCH_	652336.56	4220382.55	652336.56, 422(	2.76821	1.88276	1.87105	8.34E-04	1.01E-05	1.08E-05	8.55E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	9.0E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.6E-08
443	SCH_	652356.56	4220382.55	652356.56, 422(	2.92911	1.97215	1.96127	8.83E-04	1.06E-05	1.14E-05	9.05E-04	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	9.5E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	5.9E-08
444	SCH_	652376.56	4220382.55	652376.56, 422(	3.10394	2.06902	2.05816	9.36E-04	1.11E-05	1.19E-05	9.59E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.0E-09	2.4E-08	1.3E-08	1.1E-08	1.3E-08	6.3E-08
445	SCH_	652396.56	4220382.55	652396.56, 422(	3.29373	2.17463	2.16252	9.93E-04	1.16E-05	1.25E-05	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.6E-08
446	SCH_	652416.56	4220382.55	652416.56, 422(	3.50054	2.28935	2.27478	1.06E-03	1.22E-05	1.32E-05	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.1E-08
447	SCH_	652436.56	4220382.55	652436.56, 422(	3.72511	2.41497	2.39573	1.12E-03	1.29E-05	1.39E-05	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	1.6E-08	7.5E-08
448	SCH_	652456.56	4220382.55	652456.56, 422(	3.96799	2.55194	2.52562	1.20E-03	1.37E-05	1.46E-05	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.5E-08	1.7E-08	8.0E-08
449	SCH_	652476.56	4220382.55	652476.56, 422(	4.22989	2.70177	2.66444	1.28E-03	1.45E-05	1.54E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	1.8E-08	8.5E-08
450	SCH_	652096.56	4220402.55	652096.56, 422(	1.56406	1.18023	1.15663	4.71E-04	6.31E-06	6.70E-06	4.84E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.7E-09	6.8E-09	3.2E-08
451	SCH_	652116.56	4220402.55	652116.56, 422(	1.62869	1.22016	1.1974	4.91E-04	6.53E-06	6.94E-06	5.04E-04	1.7E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	7.1E-09	3.3E-08
452	SCH_	652136.56	4220402.55	652136.56, 422(	1.69779	1.26201	1.2404	5.12E-04	6.75E-06	7.19E-06	5.26E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.9E-09	6.2E-09	7.4E-09	3.4E-08
453	SCH_	652156.56	4220402.55	652156.56, 422(	1.77174	1.30688	1.28627	5.34E-04	6.99E-06	7.45E-06	5.48E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.5E-09	7.7E-09	3.6E-08
454	SCH_	652176.56	4220402.55	652176.56, 422(	1.85112	1.3544	1.33515	5.58E-04	7.25E-06	7.74E-06	5.73E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.0E-10	1.5E-08	7.5E-09	6.8E-09	8.0E-09	3.7E-08
455	SCH_	652196.56	4220402.55	652196.56, 422(	1.93633	1.40477	1.38752	5.84E-04	7.52E-06	8.04E-06	5.99E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.8E-09	7.1E-09	8.4E-09	3.9E-08
456	SCH_	652216.56	4220402.55	652216.56, 422(	2.02798	1.45884	1.44335	6.11E-04	7.80E-06	8.37E-06	6.27E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.4E-09	8.8E-09	4.1E-08
457	SCH_	652236.56	4220402.55	652236.56, 422(	2.12656	1.51664	1.50324	6.41E-04	8.11E-06	8.71E-06	6.58E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	9.2E-09	4.3E-08
458	SCH_	652256.56	4220402.55	652256.56, 422(	2.23292	1.57858	1.56723	6.73E-04	8.45E-06	9.08E-06	6.91E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.0E-09	8.2E-09	9.7E-09	4.5E-08
459	SCH_	652276.56	4220402.55	652276.56, 422(	2.34777	1.64527	1.63561	7.08E-04	8.80E-06	9.48E-06	7.26E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.5E-09	8.6E-09	1.0E-08	4.7E-08
460	SCH_	652296.56	4220402.55	652296.56, 422(	2.47189	1.71682	1.70868	7.45E-04	9.18E-06	9.90E-06	7.64E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.0E-10	1.9E-08	1.0E-08	9.1E-09	1.1E-08	5.0E-08
461	SCH_	652316.56	4220402.55	652316.56, 422(	2.60609	1.79419	1.78667	7.86E-04	9.60E-06	1.04E-05	8.06E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	8.5E-10	2.0E-08	1.1E-08	9.5E-09	1.1E-08	5.3E-08
462	SCH_	652336.56	4220402.55	652336.56, 422(	2.75106	1.87755	1.87018	8.29E-04	1.00E-05	1.08E-05	8.50E-04	2.9E-07	8.9E-07	5.1E-07	4.7E-07	2.1E-07	8.9E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.6E-08
463	SCH_	652356.56	4220402.55	652356.56, 422(	2.90774	1.96794	1.95973	8.76E-04	1.05E-05	1.14E-05	8.98E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	9.4E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	5.9E-08
464	SCH_	652376.56	4220402.55	652376.56, 422(	3.07688	2.06573	2.0554	9.27E-04	1.11E-05	1.19E-05	9.50E-04	3.3E-07	9.9E-07	5.8E-07	5.2E-07	2.4E-07	1.0E-09	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.2E-08
465	SCH_	652396.56	4220402.55	652396.56, 422(	3.2596	2.17186	2.15785	9.83E-04	1.16E-05	1.25E-05	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.6E-08
466	SCH_	652416.56	4220402.55	652416.56, 422(	3.45703	2.28748	2.2682	1.04E-03	1.22E-05	1.31E-05	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.0E-08
467	SCH_	652436.56	4220402.55	652436.56, 422(	3.66922	2.41323	2.38596	1.11E-03	1.29E-05	1.38E-05	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.4E-08
468	SCH_	652456.56	4220402.55	652456.56, 422(	3.89616	2.55015	2.5113	1.17E-03	1.36E-05	1.46E-05	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	7.9E-08
469	SCH_	652476.56	4220402.55	652476.56, 422(	4.13788	2.69945	2.64419	1.25E-03	1.44E-05	1.53E-05	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	1.8E-08	8.3E-08
470	SCH_	652096.56	4220422.55	652096.56, 422(	1.55881	1.17217	1.1545	4.70E-04	6.27E-06	6.69E-06	4.83E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.7E-09	6.8E-09	3.2E-08
471	SCH_	652116.56	4220422.55	652116.56, 422(	1.62329	1.21191	1.19575	4.89E-04	6.48E-06	6.93E-06	5.03E-04	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	7.1E-09	3.3E-08
472	SCH_	652136.56	4220422.55	652136.56, 422(	1.69204	1.25408	1.2395	5.10E-04	6.71E-06	7.18E-06	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
473	SCH_	652156.56	4220422.55	652156.56, 422(	1.76581	1.29897	1.2858	5.32E-04	6.95E-06	7.45E-06	5.47E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.5E-09	7.7E-09	3.6E-08
474	SCH_	652176.56	4220422.55	652176.56, 422(	1.8448	1.34694	1.33511	5.56E-04	7.21E-06	7.74E-06	5.71E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.5E-09	6.8E-09	8.0E-09	3.7E-08
475	SCH_	652196.56	4220422.55	652196.56, 422(	1.92957	1.3979	1.3878	5.82E-04	7.48E-06	8.04E-06	5.97E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.8E-09	7.1E-09	8.4E-09	3.9E-08
476	SCH_	652216.56	4220422.55	652216.56, 422(	2.02044	1.45246	1.44401	6.09E-04	7.77E-06	8.37E-06	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.4E-09	8.8E-09	4.1E-08
477	SCH_	652236.56	4220422.55	652236.56, 422(	2.11826	1.51077	1.50405	6.39E-04	8.08E-06	8.72E-06	6.55E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	9.2E-09	4.3E-08
478	SCH_	652256.56	4220422.55	652256.56, 422(	2.22345	1.57355	1.56788	6.70E-04	8.42E-06	9.09E-06	6.88E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.2E-10	1.7E-08	9.0E-09	8.1E-09	9.6E-09	4.5E-08
479	SCH_	652276.56	4220422.55	652276.56, 422(	2.33662	1.6407	1.63581	7.04E-04	8.78E-06	9.48E-06	7.23E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.6E-09	1.0E-08	4.7E-08
480	SCH_	652296.56	4220422.55	652296.56, 422(	2.45839	1.71326	1.70839	7.41E-04	9.17E-06	9.90E-06	7.60E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.0E-10	1.9E-08	9.9E-09	9.0E-09	1.1E-08	5.0E-08
481	SCH_	652316.56	4220422.55	652316.56, 422(	2.58935	1.79109	1.78574	7.81E-04	9.58E-06	1.03E-05	8.00E-04	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.5E-09	1.1E-08	5.2E-08
482	SCH_	652336.56	4220422.55	652336.56, 422(	2.73004	1.87541	1.86811	8.23E-04	1.00E-05	1.08E-05	8.44E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.9E-10	2.1E-08	1.1E-08	1.0E-08	1.2E-08	5.5E-08
483	SCH_	652356.56	4220422.55	652356.56, 422(	2.88144	1.96613	1.95613	8.69E-04	1.05E-05	1.13E-05	8.90E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	9.4E-10	2.3E-08	1.2E-08	1.1E-08	1.2E-08	5.8E-08
484	SCH_	652376.56	4220422.55	652376.56, 422(	3.04366	2.06449	2.05048	9.17E-04	1.10E-05	1.19E-05	9.40E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
485	SCH_	652396.56	4220422.55	652396.56, 422(	3.21766	2.17113	2.1508	9.70E-04	1.16E-05	1.25E-05	9.94E-04	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
486	SCH_	652416.56	4220422.55	652416.56, 422(	3.40386	2.2866	2.25779	1.03E-03	1.22E-05	1.31E-05	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.1E-09	2.7E-08	1.4E-08	1.2E-08	1.5E-08	6.9E-08
487	SCH_	652436.56	4220422.55	652436.56, 422(	3.60137	2.41183	2.37085	1.09E-03	1.29E-05	1.37E-05	1.11E-03	3.9E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	1.6E-08	7.3E-08
488	SCH_	652456.56	4220422.55	652456.56, 422(	3.8105	2.54752	2.4904	1.15E-03	1.36E-05	1.44E-05	1.18E-03	4.1E-07	1.2E-06	7.1E-07	6.5E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	1.7E-08	7.7E-08
489	SCH_	652476.56	4220422.55	652476.56, 422(	4.02979	2.69446	2.61573	1.21E-03	1.44E-05	1.52E-05	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	1.7E-08	8.1E-08
490	SCH_	652096.56	4220442.55	652096.56, 422(	1.55395	1.16557	1.15371	4.68E-04	6.24E-06	6.69E-06	4.81E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.7E-09	6.8E-09	3.1E-08
491	SCH_	652116.56	4220442.55	652116.56, 422(	1.61813	1.20549	1.19521	4.88E-04	6.45E-06	6.93E-06	5.01E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.3E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08

492	SCH_	652136.56	4220442.55	652136.56, 422(	1.68678	1.24801	1.23945	5.08E-04	6.68E-06	7.18E-06	5.22E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
493	SCH_	652156.56	4220442.55	652156.56, 422(	1.76019	1.29335	1.28615	5.31E-04	6.92E-06	7.45E-06	5.45E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.5E-09	7.6E-09	3.6E-08
494	SCH_	652176.56	4220442.55	652176.56, 422(	1.83873	1.34165	1.33583	5.54E-04	7.18E-06	7.74E-06	5.69E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.4E-09	6.7E-09	8.0E-09	3.7E-08
495	SCH_	652196.56	4220442.55	652196.56, 422(	1.92272	1.39332	1.3887	5.80E-04	7.45E-06	8.05E-06	5.95E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.8E-09	7.0E-09	8.3E-09	3.9E-08
496	SCH_	652216.56	4220442.55	652216.56, 422(	2.01268	1.44855	1.44489	6.07E-04	7.75E-06	8.37E-06	6.23E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	6.5E-10	1.6E-08	8.1E-09	7.4E-09	8.7E-09	4.1E-08
497	SCH_	652236.56	4220442.55	652236.56, 422(	2.10914	1.50743	1.50443	6.36E-04	8.06E-06	8.72E-06	6.53E-04	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.5E-09	7.7E-09	9.2E-09	4.3E-08
498	SCH_	652256.56	4220442.55	652256.56, 422(	2.21246	1.57079	1.56783	6.67E-04	8.40E-06	9.09E-06	6.84E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	7.2E-10	1.7E-08	8.9E-09	8.1E-09	9.6E-09	4.5E-08
499	SCH_	652276.56	4220442.55	652276.56, 422(	2.32323	1.63866	1.63525	7.00E-04	8.77E-06	9.48E-06	7.19E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.5E-09	1.0E-08	4.7E-08
500	SCH_	652296.56	4220442.55	652296.56, 422(	2.44172	1.71168	1.70684	7.36E-04	9.16E-06	9.89E-06	7.55E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.9E-09	8.9E-09	1.1E-08	4.9E-08
501	SCH_	652316.56	4220442.55	652316.56, 422(	2.56875	1.79021	1.78309	7.74E-04	9.58E-06	1.03E-05	7.94E-04	2.7E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.4E-09	1.1E-08	5.2E-08
502	SCH_	652336.56	4220442.55	652336.56, 422(	2.70444	1.87467	1.86438	8.15E-04	1.00E-05	1.08E-05	8.36E-04	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.5E-08
503	SCH_	652356.56	4220442.55	652356.56, 422(	2.84927	1.96605	1.95068	8.59E-04	1.05E-05	1.13E-05	8.81E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.3E-10	2.2E-08	1.2E-08	1.0E-08	1.2E-08	5.8E-08
504	SCH_	652376.56	4220442.55	652376.56, 422(	3.00316	2.06418	2.04242	9.05E-04	1.10E-05	1.18E-05	9.28E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	9.8E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
505	SCH_	652396.56	4220442.55	652396.56, 422(	3.16698	2.17038	2.13992	9.55E-04	1.16E-05	1.24E-05	9.79E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.4E-08
506	SCH_	652416.56	4220442.55	652416.56, 422(	3.33988	2.28494	2.2424	1.01E-03	1.22E-05	1.30E-05	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.7E-08
507	SCH_	652436.56	4220442.55	652436.56, 422(	3.52172	2.40855	2.35001	1.06E-03	1.29E-05	1.36E-05	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.1E-09	2.8E-08	1.4E-08	1.3E-08	1.5E-08	7.1E-08
508	SCH_	652456.56	4220442.55	652456.56, 422(	3.71157	2.54202	2.46233	1.12E-03	1.36E-05	1.43E-05	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	1.6E-08	7.5E-08
509	SCH_	652476.56	4220442.55	652476.56, 422(	3.90828	2.68559	2.57879	1.18E-03	1.44E-05	1.49E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	1.7E-08	7.9E-08
510	SCH_	652096.56	4220462.55	652096.56, 422(	1.5495	1.16061	1.15379	4.67E-04	6.21E-06	6.69E-06	4.80E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.3E-09	5.7E-09	6.7E-09	3.1E-08
511	SCH_	652116.56	4220462.55	652116.56, 422(	1.61355	1.20102	1.19551	4.86E-04	6.43E-06	6.93E-06	5.00E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.3E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08
512	SCH_	652136.56	4220462.55	652136.56, 422(	1.68179	1.24405	1.23994	5.07E-04	6.66E-06	7.19E-06	5.21E-04	1.8E-07	5.4E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
513	SCH_	652156.56	4220462.55	652156.56, 422(	1.75445	1.28992	1.28685	5.29E-04	6.90E-06	7.46E-06	5.43E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.6E-08
514	SCH_	652176.56	4220462.55	652176.56, 422(	1.83225	1.33865	1.33674	5.52E-04	7.16E-06	7.75E-06	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.4E-09	6.7E-09	8.0E-09	3.7E-08
515	SCH_	652196.56	4220462.55	652196.56, 422(	1.91521	1.39078	1.38926	5.77E-04	7.44E-06	8.05E-06	5.93E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
516	SCH_	652216.56	4220462.55	652216.56, 422(	2.00382	1.44643	1.44494	6.04E-04	7.74E-06	8.37E-06	6.20E-04	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.1E-08
517	SCH_	652236.56	4220462.55	652236.56, 422(	2.0984	1.5061	1.50407	6.33E-04	8.06E-06	8.72E-06	6.49E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	9.1E-09	4.2E-08
518	SCH_	652256.56	4220462.55	652256.56, 422(	2.19925	1.5698	1.56676	6.63E-04	8.40E-06	9.08E-06	6.80E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.9E-09	8.1E-09	9.5E-09	4.4E-08
519	SCH_	652276.56	4220462.55	652276.56, 422(	2.30701	1.63828	1.63334	6.95E-04	8.76E-06	9.47E-06	7.14E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.3E-09	8.5E-09	1.0E-08	4.7E-08
520	SCH_	652296.56	4220462.55	652296.56, 422(	2.42174	1.71145	1.70388	7.30E-04	9.16E-06	9.88E-06	7.49E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	1.1E-08	4.9E-08
521	SCH_	652316.56	4220462.55	652316.56, 422(	2.54372	1.79038	1.77878	7.67E-04	9.58E-06	1.03E-05	7.87E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.3E-09	1.1E-08	5.1E-08
522	SCH_	652336.56	4220462.55	652336.56, 422(	2.67319	1.87482	1.85845	8.06E-04	1.00E-05	1.08E-05	8.27E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	8.7E-10	2.1E-08	1.1E-08	9.8E-09	1.2E-08	5.4E-08
523	SCH_	652356.56	4220462.55	652356.56, 422(	2.8102	1.96557	1.94238	8.47E-04	1.05E-05	1.13E-05	8.69E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.1E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.7E-08
524	SCH_	652376.56	4220462.55	652376.56, 422(	2.9547	2.06333	2.03089	8.91E-04	1.10E-05	1.18E-05	9.13E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	9.6E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	6.0E-08
525	SCH_	652396.56	4220462.55	652396.56, 422(	3.10692	2.16829	2.12401	9.37E-04	1.16E-05	1.23E-05	9.60E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.0E-09	2.4E-08	1.3E-08	1.1E-08	1.3E-08	6.3E-08
526	SCH_	652416.56	4220462.55	652416.56, 422(	3.26603	2.28119	2.22133	9.84E-04	1.22E-05	1.29E-05	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.6E-08
527	SCH_	652436.56	4220462.55	652436.56, 422(	3.4311	2.40226	2.32261	1.03E-03	1.29E-05	1.35E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	6.9E-08
528	SCH_	652456.56	4220462.55	652456.56, 422(	3.60105	2.53193	2.42645	1.09E-03	1.35E-05	1.41E-05	1.11E-03	3.9E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	1.6E-08	7.3E-08
529	SCH_	652476.56	4220462.55	652476.56, 422(	3.77461	2.67067	2.53276	1.14E-03	1.43E-05	1.47E-05	1.17E-03	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	1.6E-08	7.6E-08
530	SCH_	652096.56	4220482.55	652096.56, 422(	1.54527	1.15738	1.15449	4.66E-04	6.19E-06	6.69E-06	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.3E-09	5.7E-09	6.7E-09	3.1E-08
531	SCH_	652116.56	4220482.55	652116.56, 422(	1.60874	1.19826	1.19632	4.85E-04	6.41E-06	6.93E-06	4.98E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	7.0E-09	3.3E-08
532	SCH_	652136.56	4220482.55	652136.56, 422(	1.6764	1.24179	1.24083	5.05E-04	6.64E-06	7.19E-06	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	7.3E-09	3.4E-08
533	SCH_	652156.56	4220482.55	652156.56, 422(	1.74832	1.28814	1.28762	5.27E-04	6.89E-06	7.46E-06	5.41E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	7.6E-09	3.5E-08
534	SCH_	652176.56	4220482.55	652176.56, 422(	1.82501	1.33735	1.33698	5.50E-04	7.15E-06	7.75E-06	5.65E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.4E-09	6.7E-09	7.9E-09	3.7E-08
535	SCH_	652196.56	4220482.55	652196.56, 422(	1.9064	1.39003	1.38906	5.75E-04	7.44E-06	8.05E-06	5.90E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	8.3E-09	3.9E-08
536	SCH_	652216.56	4220482.55	652216.56, 422(	1.99314	1.44594	1.44422	6.01E-04	7.74E-06	8.37E-06	6.17E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	8.7E-09	4.0E-08
537	SCH_	652236.56	4220482.55	652236.56, 422(	2.08533	1.50601	1.50257	6.29E-04	8.06E-06	8.71E-06	6.45E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.8E-10	1.6E-08	8.4E-09	7.6E-09	9.1E-09	4.2E-08
538	SCH_	652256.56	4220482.55	652256.56, 422(	2.18334	1.56996	1.56445	6.58E-04	8.40E-06	9.07E-06	6.76E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.8E-09	8.0E-09	9.5E-09	4.4E-08
539	SCH_	652276.56	4220482.55	652276.56, 422(	2.28727	1.63864	1.62997	6.89E-04	8.77E-06	9.45E-06	7.08E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.4E-10	1.8E-08	9.2E-09	8.4E-09	9.9E-09	4.6E-08
540	SCH_	652296.56	4220482.55	652296.56, 422(	2.39734	1.71185	1.69919	7.23E-04	9.16E-06	9.85E-06	7.42E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.8E-10	1.9E-08	9.7E-09	8.8E-09	1.0E-08	4.8E-08
541	SCH_	652316.56	4220482.55	652316.56, 422(	2.51346	1.79027	1.77244	7.58E-04	9.58E-06	1.03E-05	7.77E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	8.2E-10	2.0E-08	1.0E-08	9.2E-09	1.1E-08	5.1E-08
542	SCH_	652336.56	4220482.55	652336.56, 422(	2.63594	1.8745	1.84967	7.95E-04	1.00E-05	1.07E-05	8.15E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	8.6E-10	2.1E-08	1.1E-08	9.7E-09	1.1E-08	5.3E-08
543	SCH_	652356.56	4220482.55	652356.56, 422(	2.76415	1.96428	1.93057	8.33E-04	1.05E-05	1.12E-05	8.55E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	9.0E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.6E-08
544	SCH_	652376.56	4220482.55	652376.56, 422(	2.89836	2.06059	2.0151	8.74E-04	1.10E-05	1.17E-05	8.96E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	9.4E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	5.9E-08
545	SCH_	652396.56	4220482.55	652396.56, 422(	3.03813	2.16381	2.10308	9.16E-04	1.16E-05	1.22E-05	9.40E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
546	SCH_	652416.56	4220482.55	652416.56, 422(	3.18241	2.27399	2.19409	9.59E-04	1.22E-05	1.27E-05	9.84E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.4E-08
547	SCH_	652436.56	4220482.55	652436.56, 422(	3.33027	2.39138	2.28756	1.00E-03	1.28E-05	1.33E-05	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.7E-08
548	SCH_	652456.56	4220482.55	652456.56, 422(	3.48075	2.51647	2.38238	1.05E-03	1.35E-05	1.38E-05	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.0E-08
549	SCH_	652476.56	4220482.55	652476.56, 422(	3.63197	2.6486	2.47769	1.09E-03	1.42E-05	1.44E-05	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	1.6E-08	7.3E-08
550	SCH_	652216.56	4220502.55	652216.56, 422(	1.98035	1.44641	1.44242	5.97E-04	7.74E-06	8.36E-06	6.13E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.4E-10	1.6E-08	8.0E-09	7.3E-09	8.6E-09	4.0E-08
551	SCH_	652236.56	4220502.55	652236.56, 422(	2.06956	1.50656	1.49994	6.24E-04	8.06E-06	8.69E-06	6.41E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.7E-10	1.6E-08	8.4E-09	7.6E-09	9.0E-09	4.2E-08
552	SCH_	652256.56	4220502.55	652256.56, 422(	2.16391	1.57049	1.56069	6.52E-04	8.40E-06	9.05E-06	6.70E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.0E-10	1.7E-08	8.8E-09	7.9E-09	9.4E-09	4.4E-08
553	SCH_	652276.56	4220502.55	652276.56, 422(	2.26332	1.63878	1.62496	6.82E-04	8.77E-06	9.42E-06	7.00E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	7.4E-10	1.8E-08	9.2E-09	8.3E-09	9.8E-09	4.6E-08
554	SCH_	652296.56	4220502.55	652296.56, 422(	2.36787	1.71183	1.69248	7.14E-04	9.16E-06	9.81E-06	7.33E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-10	1.9E-08	9.6E-09	8.7E-09	1.0E-08	4.8E-08
555	SCH_	652316.56	4220502.55	652316.56, 422(	2.47754	1.78941	1.76336	7.47E-04	9.57E-06	1.02E-05	7.67E-04	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.1E-10	1.9E-08	1.0E-08	9.1E-09	1.1E-08	5.0E-08
556	SCH_	652336.56	4220502.55	652336.56, 422(	2.59205	1.87259	1.83744	7.81E-04	1.00E-05	1.06E-05	8.02E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.5E-09	1.1E-08	5.2E-08
557	SCH_	652356.56	4220502.55	652356.56, 422(	2.7111	1.9611	1.91463	8.17E-04	1.05E-05	1.11E-05	8.39E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	1.2E-08	5.5E-08
558	SCH_	652376.56	4220502.55	652376.56, 422(	2.83447	2.05544	1.99454	8.54E-04	1.10E-05	1.16E-05	8.77E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	1.2E-08	5.7E-08
559	SCH_	652396.56	4220502.55	652396.56, 422(	2.96116	2.15586	2.07665	8.93E-04	1.15E-05	1.20E-05	9.16E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	9.6E-10	2.3E-08	1.2E-08	1.1E-08	1.3E-08	6.0E-08
560	SCH_	652416.56	4220502.55	652416.56, 422(	3.09059	2.26257	2.16029	9.32E-04	1.21E-05	1.25E-05	9.56E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.0E-09	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.3E-08
561	SCH_	652436.56	4220502.55	652436.56, 422(	3.22151	2.37517	2.24518	9.71E-04	1.27E-05	1.30E-05	9.97E-04	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
562	SCH_	652456.56	4220502.55	652456.56, 422(	3.35282	2.494	2.33025	1.01E-03	1.33E-05	1.35E-05	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.4E-08	1.2E-08	1.5E-08	6.8E-08
563	SCH_	652476.56	4220502.55	652476.56, 422(	3.48284	2.61824	2.41435	1.05E-03	1.40E-05	1.40E-05	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	1.5E-08	7.0E-08
564	SCH_	652396.56	4220522.55	652396.56, 422(	2.87709	2.14377	2.04417	8.67E-04	1.15E-05	1.18E-05	8.91E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	9.4E-10	2.3E-08	1.2E-08	1.1E-08	1.2E-08	5.8E-08
565	SCH_	652416.56	4220522.55	652416.56, 422(	2.99189	2.24594	2.12012	9.02E-04	1.20E-05	1.23E-05	9.26E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	9.7E-10	2.4E-08	1.2E-08	1.1E-08	1.3E-08	6.1E-08
566	SCH_	652436.56	4220522.55	652436.56, 422(	3.10648	2.35283	2.19597	9.36E-04	1.26E-05	1.27E-05	9.62E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.0E-09	2.4E-08	1.3E-08	1.1E-08	1.3E-08	6.3E-08
567	SCH_	652456.56	4220522.55	652456.56, 422(	3.21963	2.46407	2.27086	9.70E-04	1.32E-05	1.32E-05	9.97E-04	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	1.4E-08	6.5E-08
568	SCH_	652476.56	4220522.55	652476.56, 422(	3.32996	2.579	2.34401	1.00E-03	1.38E-05	1.36E-05	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	1.4E-08	6.7E-08

Residential DOSEair = **$(Cair*(BR/BW)*A*EF*10^{-6})$** **Residential Risk =** **DOSEair * CPF * ASF * ED/AT * FAH**

A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

CPF	0.1	Cancer Potency Factor for Benzene[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED (Ops)
3rd	361	10	0.85	0.25
0<2	1090	10	0.85	2
2<9	631	3	0.72	7
9<16	572	3	0.72	7
16<30	261	1	0.73	53.75

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for Benzene, OEHHA 2015, Table 7.1, page 7-4
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Residential Construction and Operational Risk Combined

					Concentration [ug/m^3]		Residential Dose						Risk by Age Group						
	Discrete Receptor ID				Construction	Operations (DPM)	Construction		Operations				Construction		Operations				
		X	Y	X, Y	Total	Total	3rd	C 0<2	O 0<2	2<9	9<16	16<30	3rd	C 0<2	O 0<2	2<9	9<16	16<30	Total Risk
1	RES1_	652763.96	4219991.3	652763.96, 42	0.002686311	3.18E-03	9.3E-07	2.8E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	3.1E-08	2.8E-07	5.5E-07	4.6E-07	4.1E-07	4.9E-07	2.2E-06
2	RES1_	652783.96	4219991.3	652783.96, 42	0.003255948	3.05E-03	1.1E-06	3.4E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.8E-08	3.4E-07	5.3E-07	4.4E-07	4.0E-07	4.7E-07	2.2E-06
3	RES1_	652803.96	4219991.3	652803.96, 42	0.004080711	3.13E-03	1.4E-06	4.3E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.7E-08	4.3E-07	5.5E-07	4.5E-07	4.1E-07	4.8E-07	2.4E-06
4	RES1_	652823.96	4219991.3	652823.96, 42	0.005321163	3.43E-03	1.8E-06	5.6E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	6.2E-08	5.6E-07	6.0E-07	4.9E-07	4.5E-07	5.3E-07	2.7E-06
5	RES1_	652843.96	4219991.3	652843.96, 42	0.007310234	4.04E-03	2.5E-06	7.6E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	8.5E-08	7.7E-07	7.0E-07	5.8E-07	5.3E-07	6.2E-07	3.3E-06
6	RES1_	652763.96	4220011.3	652763.96, 42	0.002931154	3.47E-03	1.0E-06	3.1E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	3.4E-08	3.1E-07	6.1E-07	5.0E-07	4.5E-07	5.4E-07	2.4E-06
7	RES1_	652783.96	4220011.3	652783.96, 42	0.003654107	3.38E-03	1.3E-06	3.8E-06	3.5E-06	2.0E-06	1.9E-06	8.5E-07	4.2E-08	3.8E-07	5.9E-07	4.9E-07	4.4E-07	5.2E-07	2.5E-06
8	RES1_	652803.96	4220011.3	652803.96, 42	0.00475089	3.55E-03	1.6E-06	5.0E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	5.5E-08	5.0E-07	6.2E-07	5.1E-07	4.6E-07	5.5E-07	2.7E-06
9	RES1_	652823.96	4220011.3	652823.96, 42	0.006547225	4.06E-03	2.3E-06	6.8E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	7.6E-08	6.9E-07	7.1E-07	5.8E-07	5.3E-07	6.3E-07	3.2E-06
10	RES1_	652843.96	4220011.3	652843.96, 42	0.009896435	5.27E-03	3.4E-06	1.0E-05	5.5E-06	3.2E-06	2.9E-06	1.3E-06	1.1E-07	1.0E-06	9.2E-07	7.6E-07	6.9E-07	8.1E-07	4.3E-06
11	RES1_	652763.96	4220031.3	652763.96, 42	0.003165116	3.78E-03	1.1E-06	3.3E-06	3.9E-06	2.3E-06	2.1E-06	9.5E-07	3.7E-08	3.3E-07	6.6E-07	5.4E-07	4.9E-07	5.8E-07	2.6E-06
12	RES1_	652783.96	4220031.3	652783.96, 42	0.004056558	3.71E-03	1.4E-06	4.2E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	4.7E-08	4.2E-07	6.5E-07	5.3E-07	4.8E-07	5.7E-07	2.7E-06
13	RES1_	652803.96	4220031.3	652803.96, 42	0.00545786	3.96E-03	1.9E-06	5.7E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	6.3E-08	5.7E-07	6.9E-07	5.7E-07	5.2E-07	6.1E-07	3.0E-06
14	RES1_	652823.96	4220031.3	652823.96, 42	0.007916285	4.67E-03	2.7E-06	8.3E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	9.2E-08	8.3E-07	8.2E-07	6.7E-07	6.1E-07	7.2E-07	3.7E-06
15	RES1_	652843.96	4220031.3	652843.96, 42	0.013025503	6.36E-03	4.5E-06	1.4E-05	6.6E-06	3.8E-06	3.5E-06	1.6E-06	1.5E-07	1.4E-06	1.1E-06	9.1E-07	8.3E-07	9.8E-07	5.3E-06
16	RES1_	652763.96	4220051.3	652763.96, 42	0.003393673	4.10E-03	1.2E-06	3.5E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	3.9E-08	3.6E-07	7.1E-07	5.9E-07	5.3E-07	6.3E-07	2.9E-06
17	RES1_	652783.96	4220051.3	652783.96, 42	0.00445417	4.02E-03	1.5E-06	4.7E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.1E-08	4.7E-07	7.0E-07	5.8E-07	5.2E-07	6.2E-07	2.9E-06
18	RES1_	652803.96	4220051.3	652803.96, 42	0.006172707	4.33E-03	2.1E-06	6.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	7.1E-08	6.5E-07	7.5E-07	6.2E-07	5.6E-07	6.7E-07	3.3E-06
19	RES1_	652823.96	4220051.3	652823.96, 42	0.009306303	5.10E-03	3.2E-06	9.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	1.1E-07	9.7E-07	8.9E-07	7.3E-07	6.6E-07	7.9E-07	4.2E-06
20	RES1_	652843.96	4220051.3	652843.96, 42	0.015725483	6.65E-03	5.4E-06	1.6E-05	7.0E-06	4.0E-06	3.6E-06	1.7E-06	1.8E-07	1.6E-06	1.2E-06	9.6E-07	8.7E-07	1.0E-06	5.8E-06
21	RES1_	652763.96	4220071.3	652763.96, 42	0.003620352	4.43E-03	1.3E-06	3.8E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.2E-08	3.8E-07	7.7E-07	6.4E-07	5.8E-07	6.8E-07	3.1E-06
22	RES1_	652783.96	4220071.3	652783.96, 42	0.004826282	4.34E-03	1.7E-06	5.0E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.6E-08	5.1E-07	7.6E-07	6.2E-07	5.7E-07	6.7E-07	3.2E-06
23	RES1_	652803.96	4220071.3	652803.96, 42	0.006813436	4.66E-03	2.4E-06	7.1E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	7.9E-08	7.1E-07	8.1E-07	6.7E-07	6.1E-07	7.2E-07	3.6E-06
24	RES1_	652823.96	4220071.3	652823.96, 42	0.010432536	5.39E-03	3.6E-06	1.1E-05	5.6E-06	3.3E-06	3.0E-06	1.3E-06	1.2E-07	1.1E-06	9.4E-07	7.7E-07	7.0E-07	8.3E-07	4.5E-06
25	RES1_	652763.96	4220091.3	652763.96, 42	0.003833179	4.80E-03	1.3E-06	4.0E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	4.4E-08	4.0E-07	8.4E-07	6.9E-07	6.3E-07	7.4E-07	3.3E-06
26	RES1_	652783.96	4220091.3	652783.96, 42	0.005138417	4.70E-03	1.8E-06	5.4E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.9E-08	5.4E-07	8.2E-07	6.8E-07	6.1E-07	7.2E-07	3.4E-06
27	RES1_	652803.96	4220091.3	652803.96, 42	0.007278929	5.05E-03	2.5E-06	7.6E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	8.4E-08	7.6E-07	8.8E-07	7.3E-07	6.6E-07	7.8E-07	3.9E-06
28	RES1_	652823.96	4220091.3	652823.96, 42	0.011075221	5.71E-03	3.8E-06	1.2E-05	6.0E-06	3.5E-06	3.1E-06	1.4E-06	1.3E-07	1.2E-06	1.0E-06	8.2E-07	7.4E-07	8.8E-07	4.7E-06
29	RES1_	652843.96	4220091.3	652843.96, 42	0.017956981	6.88E-03	6.2E-06	1.9E-05	7.2E-06	4.2E-06	3.8E-06	1.7E-06	2.1E-07	1.9E-06	1.2E-06	9.9E-07	9.0E-07	1.1E-06	6.2E-06
30	RES1_	652763.96	4220111.3	652763.96, 42	0.004006895	5.26E-03	1.4E-06	4.2E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	4.6E-08	4.2E-07	9.2E-07	7.6E-07	6.9E-07	8.1E-07	3.6E-06
31	RES1_	652783.96	4220111.3	652783.96, 42	0.005350088	5.24E-03	1.9E-06	5.6E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	5.6E-07	9.1E-07	7.5E-07	6.8E-07	8.1E-07	3.8E-06
32	RES1_	652803.96	4220111.3	652803.96, 42	0.007485202	5.72E-03	2.6E-06	7.8E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	8.7E-08	7.8E-07	1.0E-06	8.2E-07	7.5E-07	8.8E-07	4.3E-06
33	RES1_	652823.96	4220111.3	652823.96, 42	0.011139694	6.33E-03	3.9E-06	1.2E-05	6.6E-06	3.8E-06	3.5E-06	1.6E-06	1.3E-07	1.2E-06	1.1E-06	9.1E-07	8.3E-07	9.8E-07	5.1E-06
34	RES1_	652843.96	4220111.3	652843.96, 42	0.017614131	7.29E-03	6.1E-06	1.8E-05	7.6E-06	4.4E-06	4.0E-06	1.8E-06	2.0E-07	1.8E-06	1.3E-06	1.0E-06	9.5E-07	1.1E-06	6.4E-06
35	RES1_	652783.96	4220131.3	652783.96, 42	0.005446398	6.73E-03	1.9E-06	5.7E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	6.3E-08	5.7E-07	1.2E-06	9.7E-07	8.8E-07	1.0E-06	4.7E-06
36	RES1_	652803.96	4220131.3	652803.96, 42	0.007442429	7.51E-03	2.6E-06	7.8E-06	7.9E-06	4.5E-06	4.1E-06	1.9E-06	8.6E-08	7.8E-07	1.3E-06	1.1E-06	9.8E-07	1.2E-06	5.4E-06
37	RES1_	652823.96	4220131.3	652823.96, 42	0.010676908	8.01E-03	3.7E-06	1.1E-05	8.4E-06	4.8E-06	4.4E-06	2.0E-06	1.2E-07	1.1E-06	1.4E-06	1.2E-06	1.0E-06	1.2E-06	6.1E-06
38	RES3_	653217.5	4220029.01	653217.5, 422	0.034317585	1.37E-03	1.2E-05	3.6E-05	1.4E-06	8.3E-07	7.5E-07	3.4E-07	4.0E-07	3.6E-06	2.4E-07	2.0E-07	1.8E-07	2.1E-07	4.8E-06
39	RES3_	653237.5	4220029.01	653237.5, 422	0.02170809	1.22E-03	7.5E-06	2.3E-05	1.3E-06	7.4E-07	6.7E-07	3.0E-07	2.5E-07	2.3E-06	2.1E-07	1.8E-07	1.6E-07	1.9E-07	3.3E-06
40	RES3_	653257.5	4220029.01	653257.5, 422	0.014142599	1.09E-03	4.9E-06	1.5E-05	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.6E-07	1.5E-06	1.9E-07	1.6E-07	1.4E-07	1.7E-07	2.3E-06
41	RES3_	653277.5	4220029.01	653277.5, 422	0.010044816	9.85E-04	3.5E-06	1.0E-05	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.2E-07	1.1E-06	1.7E-07	1.4E-07	1.3E-07	1.5E-07	1.8E-06
42	RES3_	653297.5	4220029.01	653297.5, 422	0.00758636	8.95E-04	2.6E-06	7.9E-06	9.4E-07	5.4E-07	4.9E-07	2.2E-07	8.8E-08	7.9E-07	1.6E-07	1.3E-07	1.2E-07	1.4E-07	1.4E-06
43	RES3_	653217.5	4220049.01	653217.5, 422	0.029722851	1.32E-03	1.0E-05	3.1E-05	1.4E-06	8.0E-07	7.2E-07	3.3E-07	3.4E-07	3.1E-06	2.3E-07	1.9E-07	1.7E-07	2.0E-07	4.3E-06
44	RES3_	653237.5	4220049.01	653237.5, 422	0.01718189	1.18E-03	5.9E-06	1.8E-05	1.2E-06	7.1E-07	6.5E-07	3.0E-07	2.0E-07	1.8E-06	2.1E-07	1.7E-07	1.5E-07	1.8E-07	2.7E-06
45	RES3_	653257.5	4220049.01	653257.5, 422	0.011566911	1.06E-03	4.0E-06	1.2E-05	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.3E-07	1.2E-06	1.9E-07	1.5E-07	1.4E-07	1.6E-07	2.0E-06
46	RES3_	653277.5	4220049.01	653277.5, 422	0.008478328	9.65E-04	2.9E-06	8.9E-06	1.0E-06	5.8E-07	5.3E-07	2.4E-07	9.8E-08	8.9E-07	1.7E-07	1.4E-07	1.3E-07	1.5E-07	1.6E-06
47	RES3_	653297.5	4220049.01	653297.5, 422	0.006560156	8.80E-04	2.3E-06	6.9E-06	9.2E-07	5.3E-07	4.8E-07	2.2E-07	7.6E-08	6.9E-07	1.5E-07	1.3E-07	1.1E-07	1.4E-07	1.3E-06
48	RES3_	653217.5	4220069.01	653217.5, 422	0.017367379	1.27E-03	6.0E-06	1.8E-05	1.3E-06	7.7E-07	7.0E-07	3.2E-07	2.0E-07	1.8E-06	2.2E-07	1.8E-07	1.7E-07	2.0E-07	2.8E-06
49	RES3_	653237.5	4220069.01	653237.5, 422	0.012108745	1.14E-03	4.2E-06	1.3E-05	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.4E-07	1.3E-06	2.0E-07	1.6E-07	1.5E-07	1.8E-07	2.1E-06
50	RES3_	653257.5	4220069.01	653257.5, 422	0.008944385	1.03E-03	3.1E-06	9.3E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.0E-07	9.4E-07	1.8E-07	1.5E-07	1.3E-07	1.6E-07	1.7E-06
51	RES3_	653277.5	4220069.01	653277.5, 422	0.006915606	9.42E-04	2.4E-06	7.2E-06	9.8E-07	5.7E-07	5.2E-07	2.4E-07	8.0E-08	7.2E-07	1.6E-07	1.4E-07	1.2E-07	1.5E-07	1.4E-06
52	RES3_	653297.5	4220069.01	653297.5, 422	0.005536816	8.61E-04	1.9E-06	5.8E-06	9.0E-07	5.2E-07	4.7E-07	2.2E-07	6.4E-08	5.8E-07	1.5E-07	1.2E-07	1.1E-07	1.3E-07	1.2E-06
53	RES2_	653091.77	4220073.8	653091.77, 42	0.056934264	3.05E-03	2.0E-05	6.0E-05	3.2E-06	1.8E-06	1.7E-06	7.6E-07	6.6E-07	6.0E-06	5.3E-07	4.4E-07	4.0E-07	4.7E-07	8.5E-06
54	RES2_	653107.01	4220074.09	653107.01, 42	0.046447959	2.66E-03	1.6E-05	4.9E-05	2.8E-06	1.6E-06	1.5E-06	6.6E-07	5.4E-07	4.9E-06	4.6E-07	3.8E-07	3.5E-07	4.1E-07	7.0E-06
55	RES2_	653127.01	4220074.09	653127.01, 42	0.038470533	2.26E-03	1.3E-05	4.0E-05	2.4E-06	1.4E-06	1.2E-06	5.6E-07	4.4E-07	4.0E-06	3.9E-07	3.2E-07	2.9E-07	3.5E-07	5.8E-06
56	RES2_	653147.01	4220074.09	653147.01, 42	0.033389698	1.95E-03	1.2E-05	3.5E-05	2.0E-06	1.2E-06	1.1E-06	4.9E-07	3.9E-07	3.5E-06	3.4E-07	2.8E-07	2.5E-07	3.0E-07	5.1E-06
57	RES2_	653167.01	4220074.09	653167.01, 42	0.029254881	1.70E-03	1.0E-05	3.1E-05	1.8E-06	1.0E-06	9.3E-07	4.2E-07	3.4E-07	3.1E-06	3.0E-07	2.4E-07	2.2E-07	2.6E-07	4.4E-06
58	RES2_	653187.01	4220074.09	653187.01, 42	0.024686947	1.50E-03	8.5E-06	2.6E-05	1.6E-06	9.1E-07	8.2E-07	3.7E-07	2.9E-07	2.6E-06	2.6E-07	2.2E-07	2.0E-07	2.3E-07	3.8E-06
59	RES2_	653207.01	4220074.09	653207.01, 42	0.018273963	1.33E-03	6.3E-06	1.9E-05	1.4E-06	8.1E-07	7.3E-07	3.3E-07	2.1E-07	1.9E-06	2.3E-07	1.9E-07	1.7E-07	2.1E-07	2.9E-06
60	RES2_	653226.41	4220070.49	653226.41, 42	0.014197521	1.21E-03	4.9E-06	1.5E-05	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-07	1.5E-06	2.1E-07	1.7E-07	1.6E-07	1.9E-07	2.4E-06
61	RES2_	653246.41	4220070.49	653246.41, 42	0.010275078	1.09E-03	3.6E-06	1.1E-05	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.2E-07	1.1E-06	1.9E-07	1.6E-07	1.4E-07	1.7E-07	1.9E-06
62	RES2_	653266.41	4220070.49	653266.41, 42	0.007798015	9.90E-04	2.7E-06	8.2E-06	1.0E-06	6.0E-07	5.4E-07	2.5E-07	9.0E-08	8.2E-07	1.7E-07	1.4E-07	1.3E-07	1.5E-07	1.5E-06
63	RES2_	653286.41	4220070.49	653286.41, 42	0.006151047	9.03E-04	2.1E-06	6.4E-06	9.4E-07	5.5E-07	5.0E-07	2.3E-07	7.1E-08	6.4E-07	1.6E-07	1.3E-07	1.2E-07	1.4E-07	1.3E-06
64	RES2_	653306.41	4220070.49	653306.41, 42	0.004998427	8.27E-04	1.7E-06	5.2E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	5.8E-08	5.2E-07	1.4E-07	1.2E-07	1.1E-07	1.3E-07	1.1E-06
65	RES2_	653092.17	4220089.4	653092.17, 42	0.046772228	2.77E-03	1.6E-05	4.9E-05	2.9E-06	1.7E-06	1.5E-06	6.9E-07	5.4E-07	4.9E-06	4.8E-07	4.0E-07	3.6E-07	4.3E-07	7.1E-06
66	RES2_	653107.41	4220089.69	653107.41, 42	0.035928902	2.44E-03	1.2E-05	3.8E-05	2.5E-06	1.5E-06	1.3E-06	6.1E-07	4.2E-07	3.8E-06	4.3E-07	3.5E-07	3.2E-07	3.8E-07	5.6E-06
67	RES2_	653127.41	4220089.69	653127.41, 42	0.028124567	2.10E-03	9.7E-06	2.9E-05	2.2E-06	1.3E-06	1.1E-06	5.2E-07	3.3E-07	2.9E-06	3.7E-07	3.0E-07	2.7E-07	3.2E-07	4.5E-06
68	RES2_	653147.41	4220089.69	653147.41, 42	0.023402948	1.83E-03	8.1E-06	2.4E-05	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.7E-07	2.5E-06	3.2E-07	2.6E-07	2.4E-07	2.8E-07	3.8E-06
69	RES2_	653167.41	4220089.69	653167.41, 42	0.019715547	1.61E-03	6.8E-06	2.1E-05	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.3E-07	2.1E-06	2.8E-07	2.3E-07	2.1E-07	2.5E-07	3.3E-06
70	RES2_	653187.41	4220089.69	653187.41, 42	0.016030982	1.43E-03	5.5E-06	1.7E-05	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-07	1.7E-06	2.5E-07	2.1E-07	1.9E-07	2.2E-07	2.7E-06
71	RES2_	653207.41	4220089.69	653207.41, 42	0.012412766	1.28E-03	4.3E-06	1.3E-05	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.4E-07	1.3E-06	2.2E-07	1.8E-07	1.7E-07	2.0E-07	2.2E-06
72	RES2_	653226.41	4220090.49	653226.41, 42	0.009681396	1.15E-03	3.4E-06	1.0E-05	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.1E-07	1.0E-06	2.0E-07	1.7E-07	1.5E-07	1.8E-07	1.8E-06
73	RES2_	653246.41	4220090.49	653246.41, 42	0.00766929	1.05E-03	2.7E-06	8.0E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	8.9E-08	8.0E-07	1.8E-07	1.5E-07	1.4E-07	1.6E-07	1.5E-06
74	RES2_	653266.41	4220090.49	653266.41, 42	0.006174743	9.55E-04	2.1E-06	6.5E-06	1.0E-06	5.8E-07	5.2E-07	2.4E-07	7.1E-08	6.5E-07	1.7E-07	1.4E-07	1.2E-07	1.5E-07	1.3E-06
75	RES2_	653286.41	4220090.49	653286.41, 42	0.005066481	8.75E-04	1.8E-06	5.3E-06	9.1E-07	5.3E-07	4.8E-07	2.2E-07	5.9E-08	5.3E-07	1.5E-07	1.3E-07	1.1E-07	1.4E-07	1.1E-06
76	RES2_	653306.41	4220090.49	653306.41, 42	0.004232128	8.05E-04	1.5E-06	4.4E-06	8.4E-07	4.9E-07	4.4E-07	2.0E-07	4.9E-08	4.4E-07	1.4E-07	1.2E-07	1.0E-07	1.2E-07	9.8E-07
77	RES2_	653092.17	4220109.4	653092.17, 42	0.034558919	2.42E-03	1.2E-05	3.6E-05	2.5E-06	1.5E-06	1.3E-06	6.1E-07	4.0E-07	3.6E-06	4.2E-07	3.5E-07	3.2E-07	3.7E-07	5.5E-06
78	RES2_	653107.41	4220109.69	653107.41, 42	0.025762968	2.16E-03	8.9E-06	2.7E-05	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.0E-07	2.7E-06	3.8E-07	3.1E-07	2.8E-07	3.3E-07	4.3E-06
79	RES2_	653127.41	4220109.69	653127.41, 42	0.019707572	1.88E-03	6.8E-06	2.1E-05	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.3E-07	2.1E-06	3.3E-07	2.7E-07	2.5E-07	2.9E-07	3.4E-06
80	RES2_	653147.41	4220109.69	653147.41, 42	0.016020232	1.66E-03	5.5E-06	1.7E-05	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.9E-07	1.7E-06	2.9E-07	2.4E-07	2.2E-07	2.6E-07	2.9E-06
81	RES2_	653167.41	4220109.69	653167.41, 42	0.013188614	1.48E-03	4.6E-06	1.4E-05	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.5E-07	1.4E-06	2.6E-07	2.1E-07	1.9E-07	2.3E-07	2.4E-06
82	RES2_	653187.41	4220109.69	653187.41, 42	0.01072075	1.33E-03	3.7E-06	1.1E-05	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.2E-07	1.1E-06	2.3E-07	1.9E-07	1.7E-07	2.0E-07	2.0E-06
83	RES2_	653207.41	4220109.69	653207.41, 42	0.008706259	1.20E-03	3.0E-06	9.1E-06	1.3E-06	7.2E-07	6.6E-07	3.0E-07	1.0E-07	9.1E-07	2.1E-07	1.7E-07	1.6E-07	1.8E-07	1.7E-06
84	RES2_	653226.41	4220110.49	653226.41, 42	0.007154088	1.09E-03	2.5E-06	7.5E-06	1.1E-06	6.6E-07	6.0E-07	2.7E-07	8.3E-08	7.5E-07	1.9E-07	1.6E-07	1.4E-07	1.7E-07	1.5E-06
85	RES2_	653246.41	4220110.49	653246.41, 42	0.005944328	9.93E-04	2.1E-06	6.2E-06	1.0E-06	6.0E-07	5.4E-07	2.5E-07	6.9E-08	6.2E-07	1.7E-07	1.4E-07	1.3E-07	1.5E-07	1.3E-06
86	RES2_	653266.41	4220110.49	653266.41, 42	0.004976351	9.11E-04	1.7E-06	5.2E-06	9.5E-07	5.5E-07	5.0E-07	2.3E-07	5.8E-08	5.2E-07	1.6E-07	1.3E-07	1.2E-07	1.4E-07	1.1E-06
87	RES2_	653286.41	4220110.49	653286.41, 42	0.004205799	8.38E-04	1.5E-06	4.4E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	4.9E-08	4.4E-07	1.5E-07	1.2E-07	1.1E-07	1.3E-07	9.9E-07
88	RES2_	653306.41	4220110.49	653306.41, 42	0.003592981	7.74E-04	1.2E-06	3.8E-06	8.1E-07	4.7E-07	4.2E-07	1.9E-07	4.2E-08	3.8E-07	1.4E-07	1.1E-07	1.0E-07	1.2E-07	8.8E-07
89	RES2_	653092.88	4220123.48	653092.88, 42	0.025052408	2.17E-03	8.7E-06	2.6E-05	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-07	2.6E-06	3.8E-07	3.1E-07	2.8E-07	3.4E-07	4.2E-06
90	RES2_	653108.12	4220123.76	653108.12, 42	0.019416748	1.95E-03	6.7E-06	2.0E-05	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-07	2.0E-06	3.4E-07	2.8E-07	2.5E-07	3.0E-07	3.4E-06
91	RES2_	653128.12	4220123.76	653128.12, 42	0.015242398	1.72E-03	5.3E-06	1.6E-05	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.8E-07	1.6E-06	3.0E-07	2.5E-07	2.2E-07	2.7E-07	2.8E-06
92	RES2_	653148.12	4220123.76	653148.12, 42	0.012459771	1.54E-03	4.3E-06	1.3E-05	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.4E-07	1.3E-06	2.7E-07	2.2E-07	2.0E-07	2.4E-07	2.4E-06
93	RES2_	653168.12	4220123.76	653168.12, 42	0.010276307	1.38E-03	3.6E-06	1.1E-05	1.4E-06	8.3E-07	7.6E-07	3.4E-07	1.2E-07	1.1E-06	2.4E-07	2.0E-07	1.8E-07	2.1E-07	2.0E-06
94	RES2_	653188.12	4220123.76	653188.12, 42	0.008468927	1.24E-03	2.9E-06	8.9E-06	1.3E-06	7.5E-07	6.8E-07	3.1E-07	9.8E-08	8.9E-07	2.2E-07	1.8E-07	1.6E-07	1.9E-07	1.7E-06
95	RES2_	653208.12	4220123.76	653208.12, 42	0.00704439	1.13E-03	2.4E-06	7.4E-06	1.2E-06	6.8E-07	6.2E-07	2.8E-07	8.1E-08	7.4E-07	2.0E-07	1.6E-07	1.5E-07	1.7E-07	1.5E-06

96	RES2_	653227.12	4220124.56	653227.12, 42	0.005923056	1.03E-03	2.1E-06	6.2E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	6.8E-08	6.2E-07	1.8E-07	1.5E-07	1.3E-07	1.6E-07	1.3E-06
97	RES2_	653247.12	4220124.56	653247.12, 42	0.005030532	9.48E-04	1.7E-06	5.3E-06	9.9E-07	5.7E-07	5.2E-07	2.4E-07	5.8E-08	5.3E-07	1.7E-07	1.4E-07	1.2E-07	1.5E-07	1.2E-06
98	RES2_	653267.12	4220124.56	653267.12, 42	0.004297675	8.73E-04	1.5E-06	4.5E-06	9.1E-07	5.3E-07	4.8E-07	2.2E-07	5.0E-08	4.5E-07	1.5E-07	1.3E-07	1.1E-07	1.3E-07	1.0E-06
99	RES2_	653287.12	4220124.56	653287.12, 42	0.00369432	8.06E-04	1.3E-06	3.9E-06	8.4E-07	4.9E-07	4.4E-07	2.0E-07	4.3E-08	3.9E-07	1.4E-07	1.2E-07	1.1E-07	1.2E-07	9.2E-07
100	RES2_	653307.12	4220124.56	653307.12, 42	0.003199127	7.47E-04	1.1E-06	3.3E-06	7.8E-07	4.5E-07	4.1E-07	1.9E-07	3.7E-08	3.3E-07	1.3E-07	1.1E-07	9.7E-08	1.2E-07	8.2E-07
101	RES4_	652875.28	4219709.68	652875.28, 42	0.000784117	7.05E-04	2.7E-07	8.2E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.1E-09	8.2E-08	1.2E-07	1.0E-07	9.2E-08	1.1E-07	5.2E-07
102	RES4_	652895.28	4219709.68	652895.28, 42	0.000837316	7.17E-04	2.9E-07	8.8E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	8.8E-08	1.3E-07	1.0E-07	9.3E-08	1.1E-07	5.3E-07
103	RES4_	652915.28	4219709.68	652915.28, 42	0.000899869	7.31E-04	3.1E-07	9.4E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	9.4E-08	1.3E-07	1.1E-07	9.5E-08	1.1E-07	5.5E-07
104	RES4_	652935.28	4219709.68	652935.28, 42	0.000973186	7.48E-04	3.4E-07	1.0E-06	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.1E-08	1.0E-07	1.3E-07	1.1E-07	9.8E-08	1.2E-07	5.6E-07
105	RES4_	652955.28	4219709.68	652955.28, 42	0.001057717	7.68E-04	3.7E-07	1.1E-06	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.2E-08	1.1E-07	1.3E-07	1.1E-07	1.0E-07	1.2E-07	5.9E-07
106	RES4_	652975.28	4219709.68	652975.28, 42	0.001152943	7.89E-04	4.0E-07	1.2E-06	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.3E-08	1.2E-07	1.4E-07	1.1E-07	1.0E-07	1.2E-07	6.1E-07
107	RES4_	652995.28	4219709.68	652995.28, 42	0.001257479	8.10E-04	4.4E-07	1.3E-06	8.5E-07	4.9E-07	4.4E-07	2.0E-07	1.5E-08	1.3E-07	1.4E-07	1.2E-07	1.1E-07	1.2E-07	6.3E-07
108	RES4_	653015.28	4219709.68	653015.28, 42	0.001369039	8.31E-04	4.7E-07	1.4E-06	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.6E-08	1.4E-07	1.5E-07	1.2E-07	1.1E-07	1.3E-07	6.6E-07
109	RES4_	652875.28	4219729.68	652875.28, 42	0.000873309	7.74E-04	3.0E-07	9.1E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	9.1E-08	1.4E-07	1.1E-07	1.0E-07	1.2E-07	5.7E-07
110	RES4_	652895.28	4219729.68	652895.28, 42	0.00093687	7.87E-04	3.2E-07	9.8E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.8E-08	1.4E-07	1.1E-07	1.0E-07	1.2E-07	5.8E-07
111	RES4_	652915.28	4219729.68	652915.28, 42	0.001012102	8.03E-04	3.5E-07	1.1E-06	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.2E-08	1.1E-07	1.4E-07	1.2E-07	1.0E-07	1.2E-07	6.0E-07
112	RES4_	652935.28	4219729.68	652935.28, 42	0.001100451	8.22E-04	3.8E-07	1.2E-06	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.3E-08	1.2E-07	1.4E-07	1.2E-07	1.1E-07	1.3E-07	6.2E-07
113	RES4_	652955.28	4219729.68	652955.28, 42	0.001202362	8.45E-04	4.2E-07	1.3E-06	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.4E-08	1.3E-07	1.5E-07	1.2E-07	1.1E-07	1.3E-07	6.5E-07
114	RES4_	652975.28	4219729.68	652975.28, 42	0.001316805	8.69E-04	4.6E-07	1.4E-06	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.5E-08	1.4E-07	1.5E-07	1.2E-07	1.1E-07	1.3E-07	6.8E-07
115	RES4_	652995.28	4219729.68	652995.28, 42	0.001441652	8.92E-04	5.0E-07	1.5E-06	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.7E-08	1.5E-07	1.6E-07	1.3E-07	1.2E-07	1.4E-07	7.1E-07
116	RES4_	653015.28	4219729.68	653015.28, 42	0.001573844	9.16E-04	5.4E-07	1.6E-06	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.8E-08	1.6E-07	1.6E-07	1.3E-07	1.2E-07	1.4E-07	7.4E-07
117	RES4_	652875.28	4219749.68	652875.28, 42	0.000978951	8.53E-04	3.4E-07	1.0E-06	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.1E-08	1.0E-07	1.5E-07	1.2E-07	1.1E-07	1.3E-07	6.3E-07
118	RES4_	652895.28	4219749.68	652895.28, 42	0.001055835	8.67E-04	3.7E-07	1.1E-06	9.1E-07	5.2E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	1.5E-07	1.2E-07	1.1E-07	1.3E-07	6.5E-07
119	RES4_	652915.28	4219749.68	652915.28, 42	0.001147321	8.85E-04	4.0E-07	1.2E-06	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.3E-08	1.2E-07	1.5E-07	1.3E-07	1.2E-07	1.4E-07	6.7E-07
120	RES4_	652935.28	4219749.68	652935.28, 42	0.001255078	9.08E-04	4.3E-07	1.3E-06	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.5E-08	1.3E-07	1.6E-07	1.3E-07	1.2E-07	1.4E-07	6.9E-07
121	RES4_	652955.28	4219749.68	652955.28, 42	0.001379167	9.33E-04	4.8E-07	1.4E-06	9.8E-07	5.6E-07	5.1E-07	2.3E-07	1.6E-08	1.4E-07	1.6E-07	1.3E-07	1.2E-07	1.4E-07	7.2E-07
122	RES4_	652975.28	4219749.68	652975.28, 42	0.00151788	9.61E-04	5.3E-07	1.6E-06	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.8E-08	1.6E-07	1.7E-07	1.4E-07	1.3E-07	1.5E-07	7.6E-07
123	RES4_	652995.28	4219749.68	652995.28, 42	0.001668028	9.88E-04	5.8E-07	1.7E-06	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.9E-08	1.7E-07	1.7E-07	1.4E-07	1.3E-07	1.5E-07	7.9E-07
124	RES4_	653015.28	4219749.68	653015.28, 42	0.00182552	1.01E-03	6.3E-07	1.9E-06	1.1E-06	6.1E-07	5.6E-07	2.5E-07	2.1E-08	1.9E-07	1.8E-07	1.5E-07	1.3E-07	1.6E-07	8.2E-07
125	RES4_	652875.28	4219769.68	652875.28, 42	0.001105262	9.44E-04	3.8E-07	1.2E-06	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	1.6E-07	1.4E-07	1.2E-07	1.5E-07	7.0E-07
126	RES4_	652895.28	4219769.68	652895.28, 42	0.001199428	9.59E-04	4.2E-07	1.3E-06	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.4E-08	1.3E-07	1.7E-07	1.4E-07	1.3E-07	1.5E-07	7.2E-07
127	RES4_	652915.28	4219769.68	652915.28, 42	0.001312189	9.80E-04	4.5E-07	1.4E-06	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.5E-08	1.4E-07	1.7E-07	1.4E-07	1.3E-07	1.5E-07	7.4E-07
128	RES4_	652935.28	4219769.68	652935.28, 42	0.001445277	1.01E-03	5.0E-07	1.5E-06	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.7E-08	1.5E-07	1.8E-07	1.4E-07	1.3E-07	1.6E-07	7.8E-07
129	RES4_	652955.28	4219769.68	652955.28, 42	0.001598143	1.04E-03	5.5E-07	1.7E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.8E-08	1.7E-07	1.8E-07	1.5E-07	1.4E-07	1.6E-07	8.1E-07
130	RES4_	652975.28	4219769.68	652975.28, 42	0.001767854	1.07E-03	6.1E-07	1.8E-06	1.1E-06	6.5E-07	5.9E-07	2.7E-07	2.0E-08	1.9E-07	1.9E-07	1.5E-07	1.4E-07	1.6E-07	8.5E-07
131	RES4_	652995.28	4219769.68	652995.28, 42	0.001949772	1.10E-03	6.7E-07	2.0E-06	1.2E-06	6.7E-07	6.0E-07	2.8E-07	2.3E-08	2.0E-07	1.9E-07	1.6E-07	1.4E-07	1.7E-07	8.9E-07
132	RES4_	653015.28	4219769.68	653015.28, 42	0.002138423	1.13E-03	7.4E-07	2.2E-06	1.2E-06	6.8E-07	6.2E-07	2.8E-07	2.5E-08	2.2E-07	2.0E-07	1.6E-07	1.5E-07	1.7E-07	9.3E-07
133	RES4_	652875.28	4219789.68	652875.28, 42	0.001257744	1.05E-03	4.4E-07	1.3E-06	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.5E-08	1.3E-07	1.8E-07	1.5E-07	1.4E-07	1.6E-07	7.8E-07
134	RES4_	652895.28	4219789.68	652895.28, 42	0.001374794	1.07E-03	4.8E-07	1.4E-06	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.6E-08	1.4E-07	1.9E-07	1.5E-07	1.4E-07	1.6E-07	8.0E-07
135	RES4_	652915.28	4219789.68	652915.28, 42	0.001515847	1.09E-03	5.2E-07	1.6E-06	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.8E-08	1.6E-07	1.9E-07	1.6E-07	1.4E-07	1.7E-07	8.3E-07
136	RES4_	652935.28	4219789.68	652935.28, 42	0.001682605	1.12E-03	5.8E-07	1.8E-06	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.9E-08	1.8E-07	2.0E-07	1.6E-07	1.5E-07	1.7E-07	8.7E-07
137	RES4_	652955.28	4219789.68	652955.28, 42	0.001873357	1.16E-03	6.5E-07	2.0E-06	1.2E-06	7.0E-07	6.4E-07	2.9E-07	2.2E-08	2.0E-07	2.0E-07	1.7E-07	1.5E-07	1.8E-07	9.2E-07
138	RES4_	652975.28	4219789.68	652975.28, 42	0.002083175	1.20E-03	7.2E-07	2.2E-06	1.3E-06	7.3E-07	6.6E-07	3.0E-07	2.4E-08	2.2E-07	2.1E-07	1.7E-07	1.6E-07	1.8E-07	9.6E-07
139	RES4_	652995.28	4219789.68	652995.28, 42	0.002305265	1.23E-03	8.0E-07	2.4E-06	1.3E-06	7.5E-07	6.8E-07	3.1E-07	2.7E-08	2.4E-07	2.2E-07	1.8E-07	1.6E-07	1.9E-07	1.0E-06
140	RES4_	653015.28	4219789.68	653015.28, 42	0.002532447	1.27E-03	8.8E-07	2.6E-06	1.3E-06	7.7E-07	7.0E-07	3.2E-07	2.9E-08	2.7E-07	2.2E-07	1.8E-07	1.7E-07	2.0E-07	1.1E-06
141	RES4_	652875.28	4219809.68	652875.28, 42	0.001444062	1.17E-03	5.0E-07	1.5E-06	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.7E-08	1.5E-07	2.0E-07	1.7E-07	1.5E-07	1.8E-07	8.7E-07
142	RES4_	652895.28	4219809.68	652895.28, 42	0.001591849	1.19E-03	5.5E-07	1.7E-06	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.8E-08	1.7E-07	2.1E-07	1.7E-07	1.6E-07	1.8E-07	9.0E-07
143	RES4_	652915.28	4219809.68	652915.28, 42	0.001771303	1.22E-03	6.1E-07	1.9E-06	1.3E-06	7.4E-07	6.7E-07	3.1E-07	2.0E-08	1.9E-07	2.1E-07	1.8E-07	1.6E-07	1.9E-07	9.4E-07
144	RES4_	652935.28	4219809.68	652935.28, 42	0.001983705	1.26E-03	6.9E-07	2.1E-06	1.3E-06	7.6E-07	6.9E-07	3.2E-07	2.3E-08	2.1E-07	2.2E-07	1.8E-07	1.6E-07	1.9E-07	9.9E-07
145	RES4_	652955.28	4219809.68	652955.28, 42	0.002225058	1.31E-03	7.7E-07	2.3E-06	1.4E-06	7.9E-07	7.2E-07	3.3E-07	2.6E-08	2.3E-07	2.3E-07	1.9E-07	1.7E-07	2.0E-07	1.0E-06
146	RES4_	652975.28	4219809.68	652975.28, 42	0.002487313	1.35E-03	8.6E-07	2.6E-06	1.4E-06	8.2E-07	7.4E-07	3.4E-07	2.9E-08	2.6E-07	2.4E-07	1.9E-07	1.8E-07	2.1E-07	1.1E-06
147	RES4_	652995.28	4219809.68	652995.28, 42	0.002760712	1.40E-03	9.6E-07	2.9E-06	1.5E-06	8.5E-07	7.7E-07	3.5E-07	3.2E-08	2.9E-07	2.4E-07	2.0E-07	1.8E-07	2.2E-07	1.2E-06
148	RES4_	653015.28	4219809.68	653015.28, 42	0.003035791	1.43E-03	1.1E-06	3.2E-06	1.5E-06	8.7E-07	7.9E-07	3.6E-07	3.5E-08	3.2E-07	2.5E-07	2.1E-07	1.9E-07	2.2E-07	1.2E-06
149	RES4_	652875.28	4219829.68	652875.28, 42	0.001674869	1.31E-03	5.8E-07	1.8E-06	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.9E-08	1.8E-07	2.3E-07	1.9E-07	1.7E-07	2.0E-07	9.8E-07
150	RES4_	652895.28	4219829.68	652895.28, 42	0.001864983	1.34E-03	6.5E-07	1.9E-06	1.4E-06	8.1E-07	7.3E-07	3.3E-07	2.2E-08	2.0E-07	2.3E-07	1.9E-07	1.7E-07	2.1E-07	1.0E-06
151	RES4_	652915.28	4219829.68	652915.28, 42	0.002097774	1.38E-03	7.3E-07	2.2E-06	1.4E-06	8.4E-07	7.6E-07	3.5E-07	2.4E-08	2.2E-07	2.4E-07	2.0E-07	1.8E-07	2.1E-07	1.1E-06
152	RES4_	652935.28	4219829.68	652935.28, 42	0.002373105	1.43E-03	8.2E-07	2.5E-06	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.7E-08	2.5E-07	2.5E-07	2.1E-07	1.9E-07	2.2E-07	1.1E-06
153	RES4_	652955.28	4219829.68	652955.28, 42	0.002683055	1.49E-03	9.3E-07	2.8E-06	1.6E-06	9.0E-07	8.2E-07	3.7E-07	3.1E-08	2.8E-07	2.6E-07	2.1E-07	1.9E-07	2.3E-07	1.2E-06
154	RES4_	652975.28	4219829.68	652975.28, 42	0.00301471	1.54E-03	1.0E-06	3.2E-06	1.6E-06	9.3E-07	8.5E-07	3.9E-07	3.5E-08	3.2E-07	2.7E-07	2.2E-07	2.0E-07	2.4E-07	1.3E-06
155	RES4_	652995.28	4219829.68	652995.28, 42	0.003354033	1.60E-03	1.2E-06	3.5E-06	1.7E-06	9.7E-07	8.8E-07	4.0E-07	3.9E-08	3.5E-07	2.8E-07	2.3E-07	2.1E-07	2.5E-07	1.4E-06
156	RES4_	653015.28	4219829.68	653015.28, 42	0.003688887	1.63E-03	1.3E-06	3.9E-06	1.7E-06	9.9E-07	9.0E-07	4.1E-07	4.3E-08	3.9E-07	2.9E-07	2.3E-07	2.1E-07	2.5E-07	1.4E-06
157	RES4_	652875.28	4219849.68	652875.28, 42	0.001965747	1.47E-03	6.8E-07	2.1E-06	1.5E-06	8.9E-07	8.1E-07	3.7E-07	2.3E-08	2.1E-07	2.6E-07	2.1E-07	1.9E-07	2.3E-07	1.1E-06
158	RES4_	652895.28	4219849.68	652895.28, 42	0.002215699	1.51E-03	7.7E-07	2.3E-06	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.6E-08	2.3E-07	2.6E-07	2.2E-07	2.0E-07	2.3E-07	1.2E-06
159	RES4_	652915.28	4219849.68	652915.28, 42	0.002524425	1.57E-03	8.7E-07	2.6E-06	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.9E-08	2.6E-07	2.7E-07	2.3E-07	2.1E-07	2.4E-07	1.2E-06
160	RES4_	652935.28	4219849.68	652935.28, 42	0.002888536	1.64E-03	1.0E-06	3.0E-06	1.7E-06	9.9E-07	9.0E-07	4.1E-07	3.3E-08	3.0E-07	2.9E-07	2.4E-07	2.1E-07	2.5E-07	1.3E-06
161	RES4_	652955.28	4219849.68	652955.28, 42	0.003292898	1.71E-03	1.1E-06	3.4E-06	1.8E-06	1.0E-06	9.4E-07	4.3E-07	3.8E-08	3.4E-07	3.0E-07	2.5E-07	2.2E-07	2.6E-07	1.4E-06
162	RES4_	652975.28	4219849.68	652975.28, 42	0.003717129	1.78E-03	1.3E-06	3.9E-06	1.9E-06	1.1E-06	9.8E-07	4.5E-07	4.3E-08	3.9E-07	3.1E-07	2.6E-07	2.3E-07	2.8E-07	1.5E-06
163	RES4_	652995.28	4219849.68	652995.28, 42	0.004141593	1.84E-03	1.4E-06	4.3E-06	1.9E-06	1.1E-06	1.0E-06	4.6E-07	4.8E-08	4.3E-07	3.2E-07	2.7E-07	2.4E-07	2.8E-07	1.6E-06
164	RES4_	653015.28	4219849.68	653015.28, 42	0.004550997	1.89E-03	1.6E-06	4.8E-06	2.0E-06	1.1E-06	1.0E-06	4.7E-07	5.3E-08	4.8E-07	3.3E-07	2.7E-07	2.5E-07	2.9E-07	1.7E-06
165	RES5_	653396.88	4219710.6	653396.88, 42	0.002073541	5.42E-04	7.2E-07	2.2E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	2.4E-08	2.2E-07	9.5E-08	7.8E-08	7.1E-08	8.4E-08	5.7E-07
166	RES5_	653416.88	4219710.6	653416.88, 42	0.00199312	5.18E-04	6.9E-07	2.1E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	2.3E-08	2.1E-07	9.0E-08	7.4E-08	6.7E-08	8.0E-08	5.4E-07
167	RES5_	653436.88	4219710.6	653436.88, 42	0.001909448	4.94E-04	6.6E-07	2.0E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	2.2E-08	2.0E-07	8.6E-08	7.1E-08	6.4E-08	7.6E-08	5.2E-07
168	RES5_	653456.88	4219710.6	653456.88, 42	0.001824007	4.71E-04	6.3E-07	1.9E-06	4.9E-07	2.9E-07	2.6E-07	1.2E-07	2.1E-08	1.9E-07	8.2E-08	6.8E-08	6.1E-08	7.3E-08	5.0E-07
169	RES5_	653476.88	4219710.6	653476.88, 42	0.00173805	4.49E-04	6.0E-07	1.8E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	2.0E-08	1.8E-07	7.8E-08	6.5E-08	5.9E-08	6.9E-08	4.7E-07
170	RES5_	653496.88	4219710.6	653496.88, 42	0.001652578	4.28E-04	5.7E-07	1.7E-06	4.5E-07	2.6E-07	2.3E-07	1.1E-07	1.9E-08	1.7E-07	7.5E-08	6.2E-08	5.6E-08	6.6E-08	4.5E-07
171	RES5_	653516.88	4219710.6	653516.88, 42	0.001568457	4.08E-04	5.4E-07	1.6E-06	4.3E-07	2.5E-07	2.2E-07	1.0E-07	1.8E-08	1.6E-07	7.1E-08	5.9E-08	5.3E-08	6.3E-08	4.3E-07
172	RES5_	653396.88	4219730.6	653396.88, 42	0.002243891	5.60E-04	7.8E-07	2.3E-06	5.9E-07	3.4E-07	3.1E-07	1.4E-07	2.6E-08	2.3E-07	9.8E-08	8.1E-08	7.3E-08	8.6E-08	6.0E-07
173	RES5_	653416.88	4219730.6	653416.88, 42	0.002144091	5.33E-04	7.4E-07	2.2E-06	5.6E-07	3.2E-07	2.9E-07	1.3E-07	2.5E-08	2.2E-07	9.3E-08	7.7E-08	6.9E-08	8.2E-08	5.7E-07
174	RES5_	653436.88	4219730.6	653436.88, 42	0.002042039	5.07E-04	7.1E-07	2.1E-06	5.3E-07	3.1E-07	2.8E-07	1.3E-07	2.4E-08	2.1E-07	8.8E-08	7.3E-08	6.6E-08	7.8E-08	5.4E-07
175	RES5_	653456.88	4219730.6	653456.88, 42	0.001939472	4.82E-04	6.7E-07	2.0E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	2.2E-08	2.0E-07	8.4E-08	6.9E-08	6.3E-08	7.4E-08	5.2E-07
176	RES5_	653476.88	4219730.6	653476.88, 42	0.001837678	4.58E-04	6.4E-07	1.9E-06	4.8E-07	2.8E-07	2.5E-07	1.1E-07	2.1E-08	1.9E-07	8.0E-08	6.6E-08	6.0E-08	7.1E-08	4.9E-07
177	RES5_	653496.88	4219730.6	653496.88, 42	0.001737848	4.35E-04	6.0E-07	1.8E-06	4.5E-07	2.6E-07	2.4E-07	1.1E-07	2.0E-08	1.8E-07	7.6E-08	6.3E-08	5.7E-08	6.7E-08	4.6E-07
178	RES5_	653516.88	4219730.6	653516.88, 42	0.001640788	4.14E-04	5.7E-07	1.7E-06	4.3E-07	2.5E-07	2.3E-07	1.0E-07	1.9E-08	1.7E-07	7.2E-08	6.0E-08	5.4E-08	6.4E-08	4.4E-07
179	RES5_	653396.88	4219750.6	653396.88, 42	0.002424381	5.76E-04	8.4E-07	2.5E-06	6.0E-07	3.5E-07	3.2E-07	1.4E-07	2.8E-08	2.5E-07	1.0E-07	8.3E-08	7.5E-08	8.9E-08	6.3E-07
180	RES5_	653416.88	4219750.6	653416.88, 42	0.002301436	5.46E-04	8.0E-07	2.4E-06	5.7E-07	3.3E-07	3.0E-07	1.4E-07	2.7E-08	2.4E-07	9.5E-08	7.9E-08	7.1E-08	8.4E-08	6.0E-07
181	RES5_	653436.88	4219750.6	653436.88, 42	0.002177881	5.18E-04	7.5E-07	2.3E-06	5.4E-07	3.1E-07	2.8E-07	1.3E-07	2.5E-08	2.3E-07	9.0E-08	7.4E-08	6.7E-08	8.0E-08	5.7E-07
182	RES5_	653456.88	4219750.6	653456.88, 42	0.002055581	4.91E-04	7.1E-07	2.1E-06	5.1E-07	3.0E-07	2.7E-07	1.2E-07	2.4E-08	2.2E-07	8.6E-08	7.1E-08	6.4E-08	7.6E-08	5.3E-07
183	RES5_	653476.88	4219750.6	653476.88, 42	0.001936018	4.65E-04	6.7E-07	2.0E-06	4.9E-07	2.8E-07	2.6E-07	1.2E-07	2.2E-08	2.0E-07	8.1E-08	6.7E-08	6.1E-08	7.2E-08	5.1E-07
184	RES5_	653496.88	4219750.6	653496.88, 42	0.001820254	4.41E-04	6.3E-07	1.9E-06	4.6E-07	2.7E-07	2.4E-07	1.1E-07	2.1E-08	1.9E-07	7.7E-08	6.3E-08	5.7E-08	6.8E-08	4.8E-07
185	RES5_	653516.88	4219750.6	653516.88, 42	0.001709223	4.19E-04	5.9E-07	1.8E-06	4.4E-07	2.5E-07	2.3E-07	1.0E-07	2.0E-08	1.8E-07	7.3E-08	6.0E-08	5.5E-08	6.5E-08	4.5E-07
186	RES5_	653396.88	4219770.6	653396.88, 42	0.002613337	5.91E-04	9.0E-07	2.7E-06	6.2E-07	3.6E-07	3.2E-07	1.5E-07	3.0E-08	2.7E-07	1.0E-07	8.5E-08	7.7E-08	9.1E-08	6.6E-07
187	RES5_	653416.88	4219770.6	653416.88, 42	0.002462998	5.58E-04	8.5E-07	2.6E-06	5.8E-07	3.4E-07	3.1E-07	1.4E-07	2.8E-08	2.6E-07	9.7E-08	8.0E-08	7.3E-08	8.6E-08	6.2E-07
188	RES5_	653436.88	4219770.6	653436.88, 42	0.002314527	5.27E-04	8.0E-07	2.4E-06	5.5E-07	3.2E-07	2.9E-07	1.3E-07	2.7E-08	2.4E-07	9.2E-08	7.6E-08	6.9E-08	8.1E-08	5.9E-07
189	RES5_	653456.88	4219770.6	653456.88, 42	0.002169887	4.98E-04	7.5E-07	2.3E-06	5.2E-07	3.0E-07	2.7E-07	1.2E-07	2.5E-08	2.3E-07	8.7E-08	7.2E-08	6.5E-08	7.7E-08	5.5E-07
190	RES5_	653476.88	4219770.6	653476.88, 42	0.002030559	4.71E-04	7.0E-07	2.1E-06	4.9E-07	2.8E-07	2.6E-07	1.2E-07	2.3E-08	2.1E-07	8.2E-08	6.8E-08	6.1E-08	7.3E-08	5.2E-07
191	RES5_	653496.88	4219770.6	653496.88, 42	0.001897605	4.46E-04	6.6E-07	2.0E-06	4.7E-07	2.7E-07	2.4E-07	1.1E-07	2.2E-08	2.0E-07	7.8E-08	6.4E-08	5.8E-08	6.9E-08	4.9E-07
192	RES5_	653516.88	4219770.6	653516.88, 42	0.001771766	4.22E-04	6.1E-07	1.9E-06	4.4E-07	2.6E-07	2.3E-07	1.1E-07	2.0E-08	1.9E-07	7.4E-08	6.1E-08	5.5E-08	6.5E-08	4.6E-07
193	RES5_	653476.88	4219790.6	653476.88, 42	0.002118372	4.75E-04	7.3E-07	2.2E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	2.4E-08	2.2E-07	8.3E-08	6.8E-08	6.2E-08	7.3E-08	5.3E-07
194	RES5_	653496.88	4219790.6	653496.88, 42	0.001967263	4.49E-04	6.8E-07	2.1E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	2.3E-08	2.1E-07	7.8E-08	6.5E-08	5.9E-08	6.9E-08	5.0E-07
195	RES5_	653516.88	4219790.6	653516.88, 42	0.00182623	4.25E-04	6.3E-07	1.9E-06	4.4E-07	2.6E-07	2.3E-07	1.1E-07	2.1E-08	1.9E-07	7.4E-08	6.1E-08	5.5E-08	6.6E-08	4.7E-07
196	RES5_	653476.88	4219810.6	653476.88, 42	0.002196142	4.79E-04	7.6E-07	2.3E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	2.5E-08	2.3E-07	8.4E-08	6.9E-08	6.2E-08	7.4E-08	5.4E-07
197	RES5_	653496.88	4219810.6	653496.88, 42	0.002026459	4.52E-04	7.0E-07	2.1E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	2.3E-08	2.1E-07	7.9E-08	6.5E-08	5.9E-08	7.0E-08	5.1E-07
198	RES5_	653516.88	4219810.6	653516.88, 42	0.001870297	4.27E-04	6.5E-07	2.0E-06	4.5E-07	2.6E-07	2.3E-07	1.1E-07	2.2E-08	2.0E-07	7.4E-08	6.1E-08	5.6E-08	6.6E-08	4.7E-07
199	RES5_	653476.88	4219830.6	653476.88, 42	0.002260133	4.81E-04	7.8E-07	2.4E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	2.6E-08	2.4E-07	8.4E-08	6.9E-08	6.3E-08	7.4E-08	5.5E-07
200	RES5_	653496.88	4219830.6	653496.88, 42	0.002072199	4.53E-04	7.2E-07	2.2E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	2.4E-08	2.2E-07	7.9E-08	6.5E-08	5.9E-08	7.0E-08	5.1E-07

201	RES5_	653516.88	4219830.6	653516.88, 42	0.001901712	4.27E-04	6.6E-07	2.0E-06	4.5E-07	2.6E-07	2.3E-07	1.1E-07	2.2E-08	2.0E-07	7.5E-08	6.1E-08	5.6E-08	6.6E-08	4.8E-07
202	RES5_	653476.88	4219850.6	653476.88, 42	0.002306549	4.81E-04	8.0E-07	2.4E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	2.7E-08	2.4E-07	8.4E-08	6.9E-08	6.3E-08	7.4E-08	5.6E-07
203	RES5_	653496.88	4219850.6	653496.88, 42	0.002101747	4.53E-04	7.3E-07	2.2E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	2.4E-08	2.2E-07	7.9E-08	6.5E-08	5.9E-08	7.0E-08	5.2E-07
204	RES5_	653516.88	4219850.6	653516.88, 42	0.001918481	4.27E-04	6.6E-07	2.0E-06	4.5E-07	2.6E-07	2.3E-07	1.1E-07	2.2E-08	2.0E-07	7.4E-08	6.1E-08	5.6E-08	6.6E-08	4.8E-07
205	RES5_	653476.88	4219870.6	653476.88, 42	0.002331976	4.81E-04	8.1E-07	2.4E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	2.7E-08	2.4E-07	8.4E-08	6.9E-08	6.3E-08	7.4E-08	5.6E-07
206	RES5_	653496.88	4219870.6	653496.88, 42	0.002112721	4.52E-04	7.3E-07	2.2E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	2.4E-08	2.2E-07	7.9E-08	6.5E-08	5.9E-08	7.0E-08	5.2E-07
207	RES5_	653516.88	4219870.6	653516.88, 42	0.001919154	4.26E-04	6.6E-07	2.0E-06	4.4E-07	2.6E-07	2.3E-07	1.1E-07	2.2E-08	2.0E-07	7.4E-08	6.1E-08	5.5E-08	6.6E-08	4.8E-07
208	RES5_	653476.88	4219890.6	653476.88, 42	0.002333711	4.79E-04	8.1E-07	2.4E-06	5.0E-07	2.9E-07	2.6E-07	1.2E-07	2.7E-08	2.4E-07	8.4E-08	6.9E-08	6.2E-08	7.4E-08	5.6E-07
209	RES5_	653496.88	4219890.6	653496.88, 42	0.00210364	4.50E-04	7.3E-07	2.2E-06	4.7E-07	2.7E-07	2.5E-07	1.1E-07	2.4E-08	2.2E-07	7.9E-08	6.5E-08	5.9E-08	6.9E-08	5.2E-07
210	RES5_	653516.88	4219890.6	653516.88, 42	0.001902927	4.24E-04	6.6E-07	2.0E-06	4.4E-07	2.6E-07	2.3E-07	1.1E-07	2.2E-08	2.0E-07	7.4E-08	6.1E-08	5.5E-08	6.5E-08	4.8E-07
211	SCH_	652096.56	4220162.55	652096.56, 42	0.000193019	1.97E-04	6.7E-08	2.0E-07	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.2E-09	2.0E-08	3.4E-08	2.8E-08	2.6E-08	3.0E-08	1.4E-07
212	SCH_	652116.56	4220162.55	652116.56, 42	0.000201104	2.06E-04	7.0E-08	2.1E-07	2.2E-07	1.2E-07	1.1E-07	5.2E-08	2.3E-09	2.1E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
213	SCH_	652136.56	4220162.55	652136.56, 42	0.000209834	2.16E-04	7.3E-08	2.2E-07	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.4E-09	2.2E-08	3.8E-08	3.1E-08	2.8E-08	3.3E-08	1.5E-07
214	SCH_	652156.56	4220162.55	652156.56, 42	0.000219207	2.26E-04	7.6E-08	2.3E-07	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.5E-09	2.3E-08	3.9E-08	3.3E-08	2.9E-08	3.5E-08	1.6E-07
215	SCH_	652176.56	4220162.55	652176.56, 42	0.000229321	2.37E-04	7.9E-08	2.4E-07	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.4E-08	4.1E-08	3.4E-08	3.1E-08	3.7E-08	1.7E-07
216	SCH_	652196.56	4220162.55	652196.56, 42	0.000240241	2.49E-04	8.3E-08	2.5E-07	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.8E-09	2.5E-08	4.4E-08	3.6E-08	3.2E-08	3.8E-08	1.8E-07
217	SCH_	652216.56	4220162.55	652216.56, 42	0.000252094	2.62E-04	8.7E-08	2.6E-07	2.7E-07	1.6E-07	1.4E-07	6.6E-08	2.9E-09	2.6E-08	4.6E-08	3.8E-08	3.4E-08	4.0E-08	1.9E-07
218	SCH_	652236.56	4220162.55	652236.56, 42	0.000264978	2.76E-04	9.2E-08	2.8E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.1E-09	2.8E-08	4.8E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
219	SCH_	652256.56	4220162.55	652256.56, 42	0.000279021	2.92E-04	9.7E-08	2.9E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.2E-09	2.9E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
220	SCH_	652276.56	4220162.55	652276.56, 42	0.000294353	3.09E-04	1.0E-07	3.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.4E-09	3.1E-08	5.4E-08	4.4E-08	4.0E-08	4.8E-08	2.2E-07
221	SCH_	652296.56	4220162.55	652296.56, 42	0.000311167	3.27E-04	1.1E-07	3.3E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.6E-09	3.3E-08	5.7E-08	4.7E-08	4.3E-08	5.0E-08	2.3E-07
222	SCH_	652316.56	4220162.55	652316.56, 42	0.000329623	3.47E-04	1.1E-07	3.4E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.8E-09	3.5E-08	6.1E-08	5.0E-08	4.5E-08	5.4E-08	2.5E-07
223	SCH_	652336.56	4220162.55	652336.56, 42	0.000350011	3.69E-04	1.2E-07	3.7E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	4.0E-09	3.7E-08	6.4E-08	5.3E-08	4.8E-08	5.7E-08	2.6E-07
224	SCH_	652356.56	4220162.55	652356.56, 42	0.00037259	3.94E-04	1.3E-07	3.9E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.3E-09	3.9E-08	6.9E-08	5.7E-08	5.1E-08	6.1E-08	2.8E-07
225	SCH_	652376.56	4220162.55	652376.56, 42	0.000397681	4.21E-04	1.4E-07	4.2E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.6E-09	4.2E-08	7.3E-08	6.1E-08	5.5E-08	6.5E-08	3.0E-07
226	SCH_	652396.56	4220162.55	652396.56, 42	0.000425703	4.51E-04	1.5E-07	4.4E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.9E-09	4.5E-08	7.9E-08	6.5E-08	5.9E-08	7.0E-08	3.2E-07
227	SCH_	652416.56	4220162.55	652416.56, 42	0.000457106	4.85E-04	1.6E-07	4.8E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.3E-09	4.8E-08	8.5E-08	7.0E-08	6.3E-08	7.5E-08	3.5E-07
228	SCH_	652436.56	4220162.55	652436.56, 42	0.000492472	5.22E-04	1.7E-07	5.1E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.7E-09	5.2E-08	9.1E-08	7.5E-08	6.8E-08	8.1E-08	3.7E-07
229	SCH_	652456.56	4220162.55	652456.56, 42	0.000532572	5.64E-04	1.8E-07	5.6E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.2E-09	5.6E-08	9.8E-08	8.1E-08	7.4E-08	8.7E-08	4.0E-07
230	SCH_	652096.56	4220182.55	652096.56, 42	0.000195271	1.99E-04	6.8E-08	2.0E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.0E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.4E-07
231	SCH_	652116.56	4220182.55	652116.56, 42	0.000203549	2.08E-04	7.0E-08	2.1E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	2.1E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
232	SCH_	652136.56	4220182.55	652136.56, 42	0.000212503	2.17E-04	7.4E-08	2.2E-07	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.2E-08	3.8E-08	3.1E-08	2.8E-08	3.4E-08	1.6E-07
233	SCH_	652156.56	4220182.55	652156.56, 42	0.000222102	2.28E-04	7.7E-08	2.3E-07	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	2.3E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.6E-07
234	SCH_	652176.56	4220182.55	652176.56, 42	0.000232506	2.39E-04	8.0E-08	2.4E-07	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.7E-09	2.4E-08	4.2E-08	3.4E-08	3.1E-08	3.7E-08	1.7E-07
235	SCH_	652196.56	4220182.55	652196.56, 42	0.000243747	2.51E-04	8.4E-08	2.5E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.8E-09	2.6E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
236	SCH_	652216.56	4220182.55	652216.56, 42	0.000255922	2.64E-04	8.9E-08	2.7E-07	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.0E-09	2.7E-08	4.6E-08	3.8E-08	3.4E-08	4.1E-08	1.9E-07
237	SCH_	652236.56	4220182.55	652236.56, 42	0.000269159	2.78E-04	9.3E-08	2.8E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.1E-09	2.8E-08	4.9E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
238	SCH_	652256.56	4220182.55	652256.56, 42	0.000283621	2.94E-04	9.8E-08	3.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.3E-09	3.0E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
239	SCH_	652276.56	4220182.55	652276.56, 42	0.000299435	3.10E-04	1.0E-07	3.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	3.5E-09	3.1E-08	5.4E-08	4.5E-08	4.0E-08	4.8E-08	2.2E-07
240	SCH_	652296.56	4220182.55	652296.56, 42	0.000316763	3.29E-04	1.1E-07	3.3E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.7E-09	3.3E-08	5.7E-08	4.7E-08	4.3E-08	5.1E-08	2.4E-07
241	SCH_	652316.56	4220182.55	652316.56, 42	0.000335831	3.49E-04	1.2E-07	3.5E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.9E-09	3.5E-08	6.1E-08	5.0E-08	4.5E-08	5.4E-08	2.5E-07
242	SCH_	652336.56	4220182.55	652336.56, 42	0.000356862	3.71E-04	1.2E-07	3.7E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.1E-09	3.7E-08	6.5E-08	5.3E-08	4.8E-08	5.7E-08	2.7E-07
243	SCH_	652356.56	4220182.55	652356.56, 42	0.000380181	3.96E-04	1.3E-07	4.0E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.4E-09	4.0E-08	6.9E-08	5.7E-08	5.2E-08	6.1E-08	2.8E-07
244	SCH_	652376.56	4220182.55	652376.56, 42	0.00040614	4.23E-04	1.4E-07	4.2E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.7E-09	4.3E-08	7.4E-08	6.1E-08	5.5E-08	6.5E-08	3.0E-07
245	SCH_	652396.56	4220182.55	652396.56, 42	0.000435127	4.53E-04	1.5E-07	4.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.0E-09	4.6E-08	7.9E-08	6.5E-08	5.9E-08	7.0E-08	3.2E-07
246	SCH_	652416.56	4220182.55	652416.56, 42	0.000467624	4.86E-04	1.6E-07	4.9E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.4E-09	4.9E-08	8.5E-08	7.0E-08	6.3E-08	7.5E-08	3.5E-07
247	SCH_	652436.56	4220182.55	652436.56, 42	0.000504276	5.23E-04	1.7E-07	5.3E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.8E-09	5.3E-08	9.1E-08	7.5E-08	6.8E-08	8.1E-08	3.7E-07
248	SCH_	652456.56	4220182.55	652456.56, 42	0.000545856	5.65E-04	1.9E-07	5.7E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.3E-09	5.7E-08	9.9E-08	8.1E-08	7.4E-08	8.7E-08	4.0E-07
249	SCH_	652476.56	4220182.55	652476.56, 42	0.000593298	6.12E-04	2.1E-07	6.2E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.9E-09	6.2E-08	1.1E-07	8.8E-08	8.0E-08	9.5E-08	4.4E-07
250	SCH_	652096.56	4220202.55	652096.56, 42	0.000197844	2.00E-04	6.8E-08	2.1E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.4E-07
251	SCH_	652116.56	4220202.55	652116.56, 42	0.00020638	2.09E-04	7.1E-08	2.2E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
252	SCH_	652136.56	4220202.55	652136.56, 42	0.000215559	2.18E-04	7.5E-08	2.3E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	3.8E-08	3.1E-08	2.8E-08	3.4E-08	1.6E-07
253	SCH_	652156.56	4220202.55	652156.56, 42	0.000225448	2.29E-04	7.8E-08	2.4E-07	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.6E-09	2.4E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.6E-07
254	SCH_	652176.56	4220202.55	652176.56, 42	0.000236109	2.40E-04	8.2E-08	2.5E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.7E-09	2.5E-08	4.2E-08	3.4E-08	3.1E-08	3.7E-08	1.7E-07
255	SCH_	652196.56	4220202.55	652196.56, 42	0.000247671	2.52E-04	8.6E-08	2.6E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
256	SCH_	652216.56	4220202.55	652216.56, 42	0.000260232	2.65E-04	9.0E-08	2.7E-07	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.0E-09	2.7E-08	4.6E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
257	SCH_	652236.56	4220202.55	652236.56, 42	0.000273888	2.79E-04	9.5E-08	2.9E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	4.9E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
258	SCH_	652256.56	4220202.55	652256.56, 42	0.000288768	2.95E-04	1.0E-07	3.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.3E-09	3.0E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
259	SCH_	652276.56	4220202.55	652276.56, 42	0.000305065	3.11E-04	1.1E-07	3.2E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.5E-09	3.2E-08	5.4E-08	4.5E-08	4.1E-08	4.8E-08	2.2E-07
260	SCH_	652296.56	4220202.55	652296.56, 42	0.00032294	3.30E-04	1.1E-07	3.4E-07	3.4E-07	2.0E-07	1.8E-07	8.3E-08	3.7E-09	3.4E-08	5.8E-08	4.7E-08	4.3E-08	5.1E-08	2.4E-07
261	SCH_	652316.56	4220202.55	652316.56, 42	0.000342618	3.50E-04	1.2E-07	3.6E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.0E-09	3.6E-08	6.1E-08	5.0E-08	4.6E-08	5.4E-08	2.5E-07
262	SCH_	652336.56	4220202.55	652336.56, 42	0.000364357	3.72E-04	1.3E-07	3.8E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	4.2E-09	3.8E-08	6.5E-08	5.3E-08	4.8E-08	5.7E-08	2.7E-07
263	SCH_	652356.56	4220202.55	652356.56, 42	0.000388448	3.96E-04	1.3E-07	4.1E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.5E-09	4.1E-08	6.9E-08	5.7E-08	5.2E-08	6.1E-08	2.8E-07
264	SCH_	652376.56	4220202.55	652376.56, 42	0.000415276	4.23E-04	1.4E-07	4.3E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.8E-09	4.3E-08	7.4E-08	6.1E-08	5.5E-08	6.5E-08	3.0E-07
265	SCH_	652396.56	4220202.55	652396.56, 42	0.000445227	4.53E-04	1.5E-07	4.7E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.1E-09	4.7E-08	7.9E-08	6.5E-08	5.9E-08	7.0E-08	3.2E-07
266	SCH_	652416.56	4220202.55	652416.56, 42	0.000478883	4.86E-04	1.7E-07	5.0E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.5E-09	5.0E-08	8.5E-08	7.0E-08	6.3E-08	7.5E-08	3.5E-07
267	SCH_	652436.56	4220202.55	652436.56, 42	0.000516789	5.23E-04	1.8E-07	5.4E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.0E-09	5.4E-08	9.1E-08	7.5E-08	6.8E-08	8.1E-08	3.8E-07
268	SCH_	652456.56	4220202.55	652456.56, 42	0.000559816	5.64E-04	1.9E-07	5.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	5.9E-08	9.8E-08	8.1E-08	7.4E-08	8.7E-08	4.1E-07
269	SCH_	652476.56	4220202.55	652476.56, 42	0.00060893	6.11E-04	2.1E-07	6.4E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.0E-09	6.4E-08	1.1E-07	8.8E-08	8.0E-08	9.4E-08	4.4E-07
270	SCH_	652096.56	4220222.55	652096.56, 42	0.000200772	2.00E-04	7.0E-08	2.1E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.4E-07
271	SCH_	652116.56	4220222.55	652116.56, 42	0.000209533	2.09E-04	7.3E-08	2.2E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
272	SCH_	652136.56	4220222.55	652136.56, 42	0.00021897	2.19E-04	7.6E-08	2.3E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	3.8E-08	3.1E-08	2.9E-08	3.4E-08	1.6E-07
273	SCH_	652156.56	4220222.55	652156.56, 42	0.000229147	2.29E-04	7.9E-08	2.4E-07	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.6E-09	2.4E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.6E-07
274	SCH_	652176.56	4220222.55	652176.56, 42	0.00024013	2.41E-04	8.3E-08	2.5E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	4.2E-08	3.5E-08	3.1E-08	3.7E-08	1.7E-07
275	SCH_	652196.56	4220222.55	652196.56, 42	0.000252014	2.53E-04	8.7E-08	2.6E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
276	SCH_	652216.56	4220222.55	652216.56, 42	0.000264929	2.66E-04	9.2E-08	2.8E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	4.6E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
277	SCH_	652236.56	4220222.55	652236.56, 42	0.000279003	2.80E-04	9.7E-08	2.9E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	4.9E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
278	SCH_	652256.56	4220222.55	652256.56, 42	0.000294334	2.95E-04	1.0E-07	3.1E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	3.1E-08	5.2E-08	4.2E-08	3.8E-08	4.6E-08	2.1E-07
279	SCH_	652276.56	4220222.55	652276.56, 42	0.000311113	3.12E-04	1.1E-07	3.3E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	5.4E-08	4.5E-08	4.1E-08	4.8E-08	2.2E-07
280	SCH_	652296.56	4220222.55	652296.56, 42	0.000329535	3.31E-04	1.1E-07	3.4E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	3.5E-08	5.8E-08	4.8E-08	4.3E-08	5.1E-08	2.4E-07
281	SCH_	652316.56	4220222.55	652316.56, 42	0.000349856	3.51E-04	1.2E-07	3.7E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.0E-09	3.7E-08	6.1E-08	5.0E-08	4.6E-08	5.4E-08	2.5E-07
282	SCH_	652336.56	4220222.55	652336.56, 42	0.000372271	3.73E-04	1.3E-07	3.9E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	4.3E-09	3.9E-08	6.5E-08	5.4E-08	4.9E-08	5.7E-08	2.7E-07
283	SCH_	652356.56	4220222.55	652356.56, 42	0.000397133	3.97E-04	1.4E-07	4.2E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.6E-09	4.2E-08	6.9E-08	5.7E-08	5.2E-08	6.1E-08	2.9E-07
284	SCH_	652376.56	4220222.55	652376.56, 42	0.000424798	4.23E-04	1.5E-07	4.4E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	4.4E-08	7.4E-08	6.1E-08	5.5E-08	6.5E-08	3.0E-07
285	SCH_	652396.56	4220222.55	652396.56, 42	0.000455714	4.53E-04	1.6E-07	4.8E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	7.9E-08	6.5E-08	5.9E-08	7.0E-08	3.3E-07
286	SCH_	652416.56	4220222.55	652416.56, 42	0.000490463	4.85E-04	1.7E-07	5.1E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.7E-09	5.1E-08	8.5E-08	7.0E-08	6.3E-08	7.5E-08	3.5E-07
287	SCH_	652436.56	4220222.55	652436.56, 42	0.000529592	5.21E-04	1.8E-07	5.5E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	5.5E-08	9.1E-08	7.5E-08	6.8E-08	8.0E-08	3.8E-07
288	SCH_	652456.56	4220222.55	652456.56, 42	0.000574034	5.62E-04	2.0E-07	6.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	9.8E-08	8.1E-08	7.3E-08	8.7E-08	4.1E-07
289	SCH_	652476.56	4220222.55	652476.56, 42	0.000624723	6.08E-04	2.2E-07	6.5E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	7.2E-09	6.5E-08	1.1E-07	8.7E-08	7.9E-08	9.4E-08	4.4E-07
290	SCH_	652096.56	4220242.55	652096.56, 42	0.00020399	2.01E-04	7.1E-08	2.1E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.4E-09	2.1E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.4E-07
291	SCH_	652116.56	4220242.55	652116.56, 42	0.000212975	2.10E-04	7.4E-08	2.2E-07	2.2E-07	1.3E-07	1.2E-07	5.2E-08	2.5E-09	2.2E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
292	SCH_	652136.56	4220242.55	652136.56, 42	0.00022267	2.20E-04	7.7E-08	2.3E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.6E-09	2.3E-08	3.8E-08	3.2E-08	2.9E-08	3.4E-08	1.6E-07
293	SCH_	652156.56	4220242.55	652156.56, 42	0.000233137	2.30E-04	8.1E-08	2.4E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.7E-07
294	SCH_	652176.56	4220242.55	652176.56, 42	0.000244409	2.41E-04	8.5E-08	2.6E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	2.6E-08	4.2E-08	3.5E-08	3.1E-08	3.7E-08	1.7E-07
295	SCH_	652196.56	4220242.55	652196.56, 42	0.000256647	2.53E-04	8.9E-08	2.7E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.0E-09	2.7E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
296	SCH_	652216.56	4220242.55	652216.56, 42	0.000269916	2.66E-04	9.3E-08	2.8E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	4.6E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
297	SCH_	652236.56	4220242.55	652236.56, 42	0.000284376	2.81E-04	9.8E-08	3.0E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.3E-09	3.0E-08	4.9E-08	4.0E-08	3.7E-08	4.3E-08	2.0E-07
298	SCH_	652256.56	4220242.55	652256.56, 42	0.000300157	2.96E-04	1.0E-07	3.1E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.5E-09	3.1E-08	5.2E-08	4.3E-08	3.9E-08	4.6E-08	2.1E-07
299	SCH_	652276.56	4220242.55	652276.56, 42	0.000317451	3.13E-04	1.1E-07	3.3E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.7E-09	3.3E-08	5.5E-08	4.5E-08	4.1E-08	4.8E-08	2.3E-07
300	SCH_	652296.56	4220242.55	652296.56, 42	0.000336419	3.31E-04	1.2E-07	3.5E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.9E-09	3.5E-08	5.8E-08	4.8E-08	4.3E-08	5.1E-08	2.4E-07
301	SCH_	652316.56	4220242.55	652316.56, 42	0.000357288	3.51E-04	1.2E-07	3.7E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.1E-09	3.7E-08	6.1E-08	5.0E-08	4.6E-08	5.4E-08	2.5E-07
302	SCH_	652336.56	4220242.55	652336.56, 42	0.000380378	3.72E-04	1.3E-07	4.0E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	4.4E-09	4.0E-08	6.5E-08	5.4E-08	4.9E-08	5.7E-08	2.7E-07
303	SCH_	652356.56	4220242.55	652356.56, 42	0.00040598	3.96E-04	1.4E-07	4.2E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.7E-09	4.3E-08	6.9E-08	5.7E-08	5.2E-08	6.1E-08	2.9E-07
304	SCH_	652376.56	4220242.55	652376.56, 42	0.000434448	4.23E-04	1.5E-07	4.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.0E-09	4.5E-08	7.4E-08	6.1E-08	5.5E-08	6.5E-08	3.1E-07
305	SCH_	652396.56	4220242.55	652396.56, 42	0.000466298	4.52E-04	1.6E-07	4.9E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.4E-09	4.9E-08	7.9E-08	6.5E-08	5.9E-08	7.0E-08	3.3E-07

306	SCH_	652416.56	4220242.55	652416.56, 42	0.000502011	4.84E-04	1.7E-07	5.2E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.8E-09	5.3E-08	8.4E-08	7.0E-08	6.3E-08	7.5E-08	3.5E-07
307	SCH_	652436.56	4220242.55	652436.56, 42	0.000542298	5.19E-04	1.9E-07	5.7E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.3E-09	5.7E-08	9.1E-08	7.5E-08	6.8E-08	8.0E-08	3.8E-07
308	SCH_	652456.56	4220242.55	652456.56, 42	0.000587994	5.59E-04	2.0E-07	6.1E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	6.8E-09	6.2E-08	9.8E-08	8.0E-08	7.3E-08	8.6E-08	4.1E-07
309	SCH_	652476.56	4220242.55	652476.56, 42	0.000640066	6.04E-04	2.2E-07	6.7E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	7.4E-09	6.7E-08	1.1E-07	8.7E-08	7.9E-08	9.3E-08	4.4E-07
310	SCH_	652096.56	4220262.55	652096.56, 42	0.0002074	2.01E-04	7.2E-08	2.2E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.4E-09	2.2E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
311	SCH_	652116.56	4220262.55	652116.56, 42	0.000216643	2.10E-04	7.5E-08	2.3E-07	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.5E-09	2.3E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
312	SCH_	652136.56	4220262.55	652136.56, 42	0.000226563	2.20E-04	7.8E-08	2.4E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.6E-09	2.4E-08	3.8E-08	3.2E-08	2.9E-08	3.4E-08	1.6E-07
313	SCH_	652156.56	4220262.55	652156.56, 42	0.000237287	2.30E-04	8.2E-08	2.5E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.5E-08	4.0E-08	3.3E-08	3.0E-08	3.6E-08	1.7E-07
314	SCH_	652176.56	4220262.55	652176.56, 42	0.000248881	2.41E-04	8.6E-08	2.6E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.9E-09	2.6E-08	4.2E-08	3.5E-08	3.1E-08	3.7E-08	1.7E-07
315	SCH_	652196.56	4220262.55	652196.56, 42	0.000261441	2.53E-04	9.1E-08	2.7E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.0E-09	2.7E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
316	SCH_	652216.56	4220262.55	652216.56, 42	0.000275063	2.66E-04	9.5E-08	2.9E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.2E-09	2.9E-08	4.7E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
317	SCH_	652236.56	4220262.55	652236.56, 42	0.00028991	2.81E-04	1.0E-07	3.0E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.4E-09	3.0E-08	4.9E-08	4.0E-08	3.7E-08	4.3E-08	2.0E-07
318	SCH_	652256.56	4220262.55	652256.56, 42	0.000306108	2.96E-04	1.1E-07	3.2E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.5E-09	3.2E-08	5.2E-08	4.3E-08	3.9E-08	4.6E-08	2.1E-07
319	SCH_	652276.56	4220262.55	652276.56, 42	0.000323853	3.12E-04	1.1E-07	3.4E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.7E-09	3.4E-08	5.5E-08	4.5E-08	4.1E-08	4.8E-08	2.3E-07
320	SCH_	652296.56	4220262.55	652296.56, 42	0.000343304	3.31E-04	1.2E-07	3.6E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.0E-09	3.6E-08	5.8E-08	4.8E-08	4.3E-08	5.1E-08	2.4E-07
321	SCH_	652316.56	4220262.55	652316.56, 42	0.000364751	3.50E-04	1.3E-07	3.8E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.2E-09	3.8E-08	6.1E-08	5.0E-08	4.6E-08	5.4E-08	2.5E-07
322	SCH_	652336.56	4220262.55	652336.56, 42	0.000388453	3.72E-04	1.3E-07	4.1E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.5E-09	4.1E-08	6.5E-08	5.3E-08	4.8E-08	5.7E-08	2.7E-07
323	SCH_	652356.56	4220262.55	652356.56, 42	0.00041473	3.95E-04	1.4E-07	4.3E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.8E-09	4.3E-08	6.9E-08	5.7E-08	5.2E-08	6.1E-08	2.9E-07
324	SCH_	652376.56	4220262.55	652376.56, 42	0.00044397	4.21E-04	1.5E-07	4.6E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.1E-09	4.6E-08	7.4E-08	6.1E-08	5.5E-08	6.5E-08	3.1E-07
325	SCH_	652396.56	4220262.55	652396.56, 42	0.000476656	4.50E-04	1.7E-07	5.0E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.5E-09	5.0E-08	7.9E-08	6.5E-08	5.9E-08	6.9E-08	3.3E-07
326	SCH_	652416.56	4220262.55	652416.56, 42	0.000513302	4.81E-04	1.8E-07	5.4E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.9E-09	5.4E-08	8.4E-08	6.9E-08	6.3E-08	7.4E-08	3.5E-07
327	SCH_	652436.56	4220262.55	652436.56, 42	0.000554585	5.16E-04	1.9E-07	5.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.4E-09	5.8E-08	9.0E-08	7.4E-08	6.7E-08	8.0E-08	3.8E-07
328	SCH_	652456.56	4220262.55	652456.56, 42	0.000601374	5.56E-04	2.1E-07	6.3E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	7.0E-09	6.3E-08	9.7E-08	8.0E-08	7.2E-08	8.6E-08	4.0E-07
329	SCH_	652476.56	4220262.55	652476.56, 42	0.000654604	6.00E-04	2.3E-07	6.8E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	7.6E-09	6.9E-08	1.0E-07	8.6E-08	7.8E-08	9.3E-08	4.4E-07
330	SCH_	652096.56	4220282.55	652096.56, 42	0.000210907	2.01E-04	7.3E-08	2.2E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.4E-09	2.2E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
331	SCH_	652116.56	4220282.55	652116.56, 42	0.000220375	2.10E-04	7.6E-08	2.3E-07	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.5E-09	2.3E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
332	SCH_	652136.56	4220282.55	652136.56, 42	0.000230552	2.20E-04	8.0E-08	2.4E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.7E-09	2.4E-08	3.8E-08	3.2E-08	2.9E-08	3.4E-08	1.6E-07
333	SCH_	652156.56	4220282.55	652156.56, 42	0.000241534	2.30E-04	8.4E-08	2.5E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.8E-09	2.5E-08	4.0E-08	3.3E-08	3.0E-08	3.6E-08	1.7E-07
334	SCH_	652176.56	4220282.55	652176.56, 42	0.000253385	2.42E-04	8.8E-08	2.6E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.9E-09	2.7E-08	4.2E-08	3.5E-08	3.1E-08	3.7E-08	1.8E-07
335	SCH_	652196.56	4220282.55	652196.56, 42	0.000266235	2.54E-04	9.2E-08	2.8E-07	2.7E-07	1.5E-07	1.4E-07	6.3E-08	3.1E-09	2.8E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
336	SCH_	652216.56	4220282.55	652216.56, 42	0.000280211	2.67E-04	9.7E-08	2.9E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.2E-09	2.9E-08	4.7E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
337	SCH_	652236.56	4220282.55	652236.56, 42	0.000295411	2.80E-04	1.0E-07	3.1E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.4E-09	3.1E-08	4.9E-08	4.0E-08	3.7E-08	4.3E-08	2.0E-07
338	SCH_	652256.56	4220282.55	652256.56, 42	0.000311996	2.96E-04	1.1E-07	3.3E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.6E-09	3.3E-08	5.2E-08	4.2E-08	3.9E-08	4.6E-08	2.1E-07
339	SCH_	652276.56	4220282.55	652276.56, 42	0.000330158	3.12E-04	1.1E-07	3.5E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.8E-09	3.5E-08	5.4E-08	4.5E-08	4.1E-08	4.8E-08	2.3E-07
340	SCH_	652296.56	4220282.55	652296.56, 42	0.000350092	3.30E-04	1.2E-07	3.7E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.0E-09	3.7E-08	5.8E-08	4.7E-08	4.3E-08	5.1E-08	2.4E-07
341	SCH_	652316.56	4220282.55	652316.56, 42	0.000372054	3.50E-04	1.3E-07	3.9E-07	3.7E-07	2.1E-07	1.9E-07	8.7E-08	4.3E-09	3.9E-08	6.1E-08	5.0E-08	4.6E-08	5.4E-08	2.5E-07
342	SCH_	652336.56	4220282.55	652336.56, 42	0.000396334	3.71E-04	1.4E-07	4.1E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.6E-09	4.1E-08	6.5E-08	5.3E-08	4.8E-08	5.7E-08	2.7E-07
343	SCH_	652356.56	4220282.55	652356.56, 42	0.000423223	3.94E-04	1.5E-07	4.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.9E-09	4.4E-08	6.9E-08	5.7E-08	5.1E-08	6.1E-08	2.9E-07
344	SCH_	652376.56	4220282.55	652376.56, 42	0.00045317	4.20E-04	1.6E-07	4.7E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.2E-09	4.7E-08	7.3E-08	6.0E-08	5.5E-08	6.5E-08	3.1E-07
345	SCH_	652396.56	4220282.55	652396.56, 42	0.000486595	4.48E-04	1.7E-07	5.1E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.6E-09	5.1E-08	7.8E-08	6.4E-08	5.8E-08	6.9E-08	3.3E-07
346	SCH_	652416.56	4220282.55	652416.56, 42	0.000524045	4.79E-04	1.8E-07	5.5E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.1E-09	5.5E-08	8.4E-08	6.9E-08	6.2E-08	7.4E-08	3.5E-07
347	SCH_	652436.56	4220282.55	652436.56, 42	0.000566229	5.13E-04	2.0E-07	5.9E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.5E-09	5.9E-08	9.0E-08	7.4E-08	6.7E-08	7.9E-08	3.8E-07
348	SCH_	652456.56	4220282.55	652456.56, 42	0.000613918	5.51E-04	2.1E-07	6.4E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.1E-09	6.4E-08	9.6E-08	7.9E-08	7.2E-08	8.5E-08	4.0E-07
349	SCH_	652476.56	4220282.55	652476.56, 42	0.000668047	5.94E-04	2.3E-07	7.0E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	7.7E-09	7.0E-08	1.0E-07	8.5E-08	7.7E-08	9.2E-08	4.4E-07
350	SCH_	652096.56	4220302.55	652096.56, 42	0.000214446	2.01E-04	7.4E-08	2.2E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.5E-09	2.2E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
351	SCH_	652116.56	4220302.55	652116.56, 42	0.000224108	2.10E-04	7.8E-08	2.3E-07	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.6E-09	2.3E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
352	SCH_	652136.56	4220302.55	652136.56, 42	0.00023451	2.20E-04	8.1E-08	2.5E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.7E-09	2.5E-08	3.8E-08	3.2E-08	2.9E-08	3.4E-08	1.6E-07
353	SCH_	652156.56	4220302.55	652156.56, 42	0.000245717	2.30E-04	8.5E-08	2.6E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.8E-09	2.6E-08	4.0E-08	3.3E-08	3.0E-08	3.6E-08	1.7E-07
354	SCH_	652176.56	4220302.55	652176.56, 42	0.000257857	2.41E-04	8.9E-08	2.7E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.0E-09	2.7E-08	4.2E-08	3.5E-08	3.1E-08	3.7E-08	1.8E-07
355	SCH_	652196.56	4220302.55	652196.56, 42	0.000270996	2.53E-04	9.4E-08	2.8E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.1E-09	2.8E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
356	SCH_	652216.56	4220302.55	652216.56, 42	0.000285262	2.66E-04	9.9E-08	3.0E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.3E-09	3.0E-08	4.6E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
357	SCH_	652236.56	4220302.55	652236.56, 42	0.000300784	2.80E-04	1.0E-07	3.1E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.5E-09	3.1E-08	4.9E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
358	SCH_	652256.56	4220302.55	652256.56, 42	0.000317722	2.95E-04	1.1E-07	3.3E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.7E-09	3.3E-08	5.2E-08	4.2E-08	3.8E-08	4.6E-08	2.1E-07
359	SCH_	652276.56	4220302.55	652276.56, 42	0.000336303	3.11E-04	1.2E-07	3.5E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.9E-09	3.5E-08	5.4E-08	4.5E-08	4.1E-08	4.8E-08	2.3E-07
360	SCH_	652296.56	4220302.55	652296.56, 42	0.000356686	3.29E-04	1.2E-07	3.7E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.1E-09	3.7E-08	5.7E-08	4.7E-08	4.3E-08	5.1E-08	2.4E-07
361	SCH_	652316.56	4220302.55	652316.56, 42	0.000379131	3.48E-04	1.3E-07	4.0E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.4E-09	4.0E-08	6.1E-08	5.0E-08	4.5E-08	5.4E-08	2.5E-07
362	SCH_	652336.56	4220302.55	652336.56, 42	0.000403894	3.69E-04	1.4E-07	4.2E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	4.7E-09	4.2E-08	6.4E-08	5.3E-08	4.8E-08	5.7E-08	2.7E-07
363	SCH_	652356.56	4220302.55	652356.56, 42	0.000431393	3.92E-04	1.5E-07	4.5E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.0E-09	4.5E-08	6.8E-08	5.6E-08	5.1E-08	6.1E-08	2.9E-07
364	SCH_	652376.56	4220302.55	652376.56, 42	0.00046192	4.17E-04	1.6E-07	4.8E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.3E-09	4.8E-08	7.3E-08	6.0E-08	5.4E-08	6.4E-08	3.1E-07
365	SCH_	652396.56	4220302.55	652396.56, 42	0.00049602	4.45E-04	1.7E-07	5.2E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.7E-09	5.2E-08	7.8E-08	6.4E-08	5.8E-08	6.9E-08	3.3E-07
366	SCH_	652416.56	4220302.55	652416.56, 42	0.000534145	4.75E-04	1.8E-07	5.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.2E-09	5.6E-08	8.3E-08	6.8E-08	6.2E-08	7.3E-08	3.5E-07
367	SCH_	652436.56	4220302.55	652436.56, 42	0.000577035	5.09E-04	2.0E-07	6.0E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.7E-09	6.0E-08	8.9E-08	7.3E-08	6.6E-08	7.9E-08	3.7E-07
368	SCH_	652456.56	4220302.55	652456.56, 42	0.000625399	5.46E-04	2.2E-07	6.5E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.2E-09	6.5E-08	9.5E-08	7.8E-08	7.1E-08	8.4E-08	4.0E-07
369	SCH_	652476.56	4220302.55	652476.56, 42	0.000680074	5.88E-04	2.4E-07	7.1E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	7.9E-09	7.1E-08	1.0E-07	8.4E-08	7.7E-08	9.1E-08	4.3E-07
370	SCH_	652096.56	4220322.55	652096.56, 42	0.000217921	2.01E-04	7.5E-08	2.3E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.5E-09	2.3E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
371	SCH_	652116.56	4220322.55	652116.56, 42	0.000227775	2.10E-04	7.9E-08	2.4E-07	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.6E-09	2.4E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
372	SCH_	652136.56	4220322.55	652136.56, 42	0.00023837	2.20E-04	8.3E-08	2.5E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.8E-09	2.5E-08	3.8E-08	3.2E-08	2.9E-08	3.4E-08	1.6E-07
373	SCH_	652156.56	4220322.55	652156.56, 42	0.000249802	2.30E-04	8.6E-08	2.6E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.9E-09	2.6E-08	4.0E-08	3.3E-08	3.0E-08	3.6E-08	1.7E-07
374	SCH_	652176.56	4220322.55	652176.56, 42	0.000262168	2.41E-04	9.1E-08	2.7E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.0E-09	2.7E-08	4.2E-08	3.5E-08	3.1E-08	3.7E-08	1.8E-07
375	SCH_	652196.56	4220322.55	652196.56, 42	0.000275564	2.53E-04	9.5E-08	2.9E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.2E-09	2.9E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
376	SCH_	652216.56	4220322.55	652216.56, 42	0.00029012	2.66E-04	1.0E-07	3.0E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.4E-09	3.0E-08	4.6E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
377	SCH_	652236.56	4220322.55	652236.56, 42	0.000305963	2.79E-04	1.1E-07	3.2E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.5E-09	3.2E-08	4.9E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
378	SCH_	652256.56	4220322.55	652256.56, 42	0.000323255	2.94E-04	1.1E-07	3.4E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.7E-09	3.4E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
379	SCH_	652276.56	4220322.55	652276.56, 42	0.00034219	3.10E-04	1.2E-07	3.6E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	4.0E-09	3.6E-08	5.4E-08	4.5E-08	4.0E-08	4.8E-08	2.3E-07
380	SCH_	652296.56	4220322.55	652296.56, 42	0.000362991	3.28E-04	1.3E-07	3.8E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.2E-09	3.8E-08	5.7E-08	4.7E-08	4.3E-08	5.1E-08	2.4E-07
381	SCH_	652316.56	4220322.55	652316.56, 42	0.000385886	3.47E-04	1.3E-07	4.0E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.5E-09	4.0E-08	6.1E-08	5.0E-08	4.5E-08	5.4E-08	2.5E-07
382	SCH_	652336.56	4220322.55	652336.56, 42	0.000411131	3.67E-04	1.4E-07	4.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	4.8E-09	4.3E-08	6.4E-08	5.3E-08	4.8E-08	5.7E-08	2.7E-07
383	SCH_	652356.56	4220322.55	652356.56, 42	0.000439145	3.90E-04	1.5E-07	4.6E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.1E-09	4.6E-08	6.8E-08	5.6E-08	5.1E-08	6.0E-08	2.9E-07
384	SCH_	652376.56	4220322.55	652376.56, 42	0.000470218	4.15E-04	1.6E-07	4.9E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.4E-09	4.9E-08	7.2E-08	6.0E-08	5.4E-08	6.4E-08	3.0E-07
385	SCH_	652396.56	4220322.55	652396.56, 42	0.000504833	4.42E-04	1.7E-07	5.3E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.8E-09	5.3E-08	7.7E-08	6.3E-08	5.8E-08	6.8E-08	3.2E-07
386	SCH_	652416.56	4220322.55	652416.56, 42	0.000543569	4.71E-04	1.9E-07	5.7E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.3E-09	5.7E-08	8.2E-08	6.8E-08	6.1E-08	7.3E-08	3.5E-07
387	SCH_	652436.56	4220322.55	652436.56, 42	0.000586973	5.04E-04	2.0E-07	6.1E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	6.1E-08	8.8E-08	7.2E-08	6.6E-08	7.8E-08	3.7E-07
388	SCH_	652456.56	4220322.55	652456.56, 42	0.000635722	5.40E-04	2.2E-07	6.6E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	7.3E-09	6.7E-08	9.4E-08	7.8E-08	7.0E-08	8.3E-08	4.0E-07
389	SCH_	652476.56	4220322.55	652476.56, 42	0.00069062	5.80E-04	2.4E-07	7.2E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.0E-09	7.2E-08	1.0E-07	8.3E-08	7.6E-08	9.0E-08	4.3E-07
390	SCH_	652096.56	4220342.55	652096.56, 42	0.000221267	2.01E-04	7.7E-08	2.3E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.6E-09	2.3E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
391	SCH_	652116.56	4220342.55	652116.56, 42	0.000231282	2.10E-04	8.0E-08	2.4E-07	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.7E-09	2.4E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
392	SCH_	652136.56	4220342.55	652136.56, 42	0.00024207	2.20E-04	8.4E-08	2.5E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.8E-09	2.5E-08	3.8E-08	3.2E-08	2.9E-08	3.4E-08	1.6E-07
393	SCH_	652156.56	4220342.55	652156.56, 42	0.000253727	2.30E-04	8.8E-08	2.7E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.9E-09	2.7E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.7E-07
394	SCH_	652176.56	4220342.55	652176.56, 42	0.000266318	2.41E-04	9.2E-08	2.8E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.1E-09	2.8E-08	4.2E-08	3.5E-08	3.1E-08	3.7E-08	1.8E-07
395	SCH_	652196.56	4220342.55	652196.56, 42	0.00027994	2.52E-04	9.7E-08	2.9E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.2E-09	2.9E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
396	SCH_	652216.56	4220342.55	652216.56, 42	0.000294784	2.65E-04	1.0E-07	3.1E-07	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.4E-09	3.1E-08	4.6E-08	3.8E-08	3.5E-08	4.1E-08	1.9E-07
397	SCH_	652236.56	4220342.55	652236.56, 42	0.000310917	2.79E-04	1.1E-07	3.2E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.6E-09	3.3E-08	4.9E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
398	SCH_	652256.56	4220342.55	652256.56, 42	0.000328531	2.93E-04	1.1E-07	3.4E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.8E-09	3.4E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.2E-07
399	SCH_	652276.56	4220342.55	652276.56, 42	0.000347819	3.09E-04	1.2E-07	3.6E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.0E-09	3.6E-08	5.4E-08	4.4E-08	4.0E-08	4.8E-08	2.3E-07
400	SCH_	652296.56	4220342.55	652296.56, 42	0.000369007	3.26E-04	1.3E-07	3.9E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.3E-09	3.9E-08	5.7E-08	4.7E-08	4.3E-08	5.0E-08	2.4E-07
401	SCH_	652316.56	4220342.55	652316.56, 42	0.000392287	3.45E-04	1.4E-07	4.1E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.5E-09	4.1E-08	6.0E-08	5.0E-08	4.5E-08	5.3E-08	2.5E-07
402	SCH_	652336.56	4220342.55	652336.56, 42	0.000418015	3.65E-04	1.4E-07	4.4E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.8E-09	4.4E-08	6.4E-08	5.2E-08	4.8E-08	5.6E-08	2.7E-07
403	SCH_	652356.56	4220342.55	652356.56, 42	0.000446447	3.87E-04	1.5E-07	4.7E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	5.2E-09	4.7E-08	6.8E-08	5.6E-08	5.0E-08	6.0E-08	2.9E-07
404	SCH_	652376.56	4220342.55	652376.56, 42	0.000477969	4.11E-04	1.7E-07	5.0E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.5E-09	5.0E-08	7.2E-08	5.9E-08	5.4E-08	6.3E-08	3.0E-07
405	SCH_	652396.56	4220342.55	652396.56, 42	0.000513034	4.37E-04	1.8E-07	5.4E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.4E-08	7.6E-08	6.3E-08	5.7E-08	6.8E-08	3.2E-07
406	SCH_	652416.56	4220342.55	652416.56, 42	0.000552123	4.66E-04	1.9E-07	5.8E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	8.1E-08	6.7E-08	6.1E-08	7.2E-08	3.5E-07
407	SCH_	652436.56	4220342.55	652436.56, 42	0.000595816	4.98E-04	2.1E-07	6.2E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.9E-09	6.2E-08	8.7E-08	7.2E-08	6.5E-08	7.7E-08	3.7E-07
408	SCH_	652456.56	4220342.55	652456.56, 42	0.00064466	5.33E-04	2.2E-07	6.7E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.5E-09	6.8E-08	9.3E-08	7.7E-08	6.9E-08	8.2E-08	4.0E-07
409	SCH_	652476.56	4220342.55	652476.56, 42	0.000699395	5.72E-04	2.4E-07	7.3E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	8.1E-09	7.3E-08	1.0E-07	8.2E-08	7.5E-08	8.8E-08	4.3E-07
410	SCH_	652096.56	4220362.55	652096.56, 42	0.000224452	2.01E-04	7.8E-08	2.3E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.6E-09	2.4E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07

411	SCH_	652116.56	4220362.55	652116.56, 42	0.00023466	2.10E-04	8.1E-08	2.5E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.7E-09	2.5E-08	3.7E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
412	SCH_	652136.56	4220362.55	652136.56, 42	0.000245609	2.19E-04	8.5E-08	2.6E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.8E-09	2.6E-08	3.8E-08	3.1E-08	2.9E-08	3.4E-08	1.6E-07
413	SCH_	652156.56	4220362.55	652156.56, 42	0.000257459	2.29E-04	8.9E-08	2.7E-07	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.0E-09	2.7E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.7E-07
414	SCH_	652176.56	4220362.55	652176.56, 42	0.000270275	2.40E-04	9.4E-08	2.8E-07	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.1E-09	2.8E-08	4.2E-08	3.4E-08	3.1E-08	3.7E-08	1.8E-07
415	SCH_	652196.56	4220362.55	652196.56, 42	0.000284154	2.52E-04	9.8E-08	3.0E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.3E-09	3.0E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
416	SCH_	652216.56	4220362.55	652216.56, 42	0.000299224	2.64E-04	1.0E-07	3.1E-07	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.5E-09	3.1E-08	4.6E-08	3.8E-08	3.4E-08	4.1E-08	1.9E-07
417	SCH_	652236.56	4220362.55	652236.56, 42	0.000315678	2.77E-04	1.1E-07	3.3E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.6E-09	3.3E-08	4.8E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
418	SCH_	652256.56	4220362.55	652256.56, 42	0.000333613	2.92E-04	1.2E-07	3.5E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.9E-09	3.5E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
419	SCH_	652276.56	4220362.55	652276.56, 42	0.000353223	3.08E-04	1.2E-07	3.7E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.1E-09	3.7E-08	5.4E-08	4.4E-08	4.0E-08	4.7E-08	2.3E-07
420	SCH_	652296.56	4220362.55	652296.56, 42	0.000374764	3.24E-04	1.3E-07	3.9E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.3E-09	3.9E-08	5.7E-08	4.7E-08	4.2E-08	5.0E-08	2.4E-07
421	SCH_	652316.56	4220362.55	652316.56, 42	0.000398431	3.43E-04	1.4E-07	4.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.6E-09	4.2E-08	6.0E-08	4.9E-08	4.5E-08	5.3E-08	2.5E-07
422	SCH_	652336.56	4220362.55	652336.56, 42	0.000424512	3.62E-04	1.5E-07	4.4E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.9E-09	4.4E-08	6.3E-08	5.2E-08	4.7E-08	5.6E-08	2.7E-07
423	SCH_	652356.56	4220362.55	652356.56, 42	0.000453329	3.84E-04	1.6E-07	4.7E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	6.7E-08	5.5E-08	5.0E-08	5.9E-08	2.8E-07
424	SCH_	652376.56	4220362.55	652376.56, 42	0.000485206	4.07E-04	1.7E-07	5.1E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.6E-09	5.1E-08	7.1E-08	5.9E-08	5.3E-08	6.3E-08	3.0E-07
425	SCH_	652396.56	4220362.55	652396.56, 42	0.000520527	4.33E-04	1.8E-07	5.4E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	7.6E-08	6.2E-08	5.6E-08	6.7E-08	3.2E-07
426	SCH_	652416.56	4220362.55	652416.56, 42	0.000559808	4.61E-04	1.9E-07	5.9E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.5E-09	5.9E-08	8.0E-08	6.6E-08	6.0E-08	7.1E-08	3.4E-07
427	SCH_	652436.56	4220362.55	652436.56, 42	0.0006035	4.92E-04	2.1E-07	6.3E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	7.0E-09	6.3E-08	8.6E-08	7.1E-08	6.4E-08	7.6E-08	3.7E-07
428	SCH_	652456.56	4220362.55	652456.56, 42	0.000652085	5.26E-04	2.3E-07	6.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.5E-09	6.8E-08	9.2E-08	7.6E-08	6.8E-08	8.1E-08	3.9E-07
429	SCH_	652476.56	4220362.55	652476.56, 42	0.000706207	5.63E-04	2.4E-07	7.4E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	8.2E-09	7.4E-08	9.8E-08	8.1E-08	7.3E-08	8.7E-08	4.2E-07
430	SCH_	652096.56	4220382.55	652096.56, 42	0.000227508	2.00E-04	7.9E-08	2.4E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.6E-09	2.4E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
431	SCH_	652116.56	4220382.55	652116.56, 42	0.000237845	2.09E-04	8.2E-08	2.5E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.7E-09	2.5E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
432	SCH_	652136.56	4220382.55	652136.56, 42	0.000249019	2.18E-04	8.6E-08	2.6E-07	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.9E-09	2.6E-08	3.8E-08	3.1E-08	2.8E-08	3.4E-08	1.6E-07
433	SCH_	652156.56	4220382.55	652156.56, 42	0.000261062	2.28E-04	9.0E-08	2.7E-07	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.0E-09	2.7E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.7E-07
434	SCH_	652176.56	4220382.55	652176.56, 42	0.000274071	2.39E-04	9.5E-08	2.9E-07	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.2E-09	2.9E-08	4.2E-08	3.4E-08	3.1E-08	3.7E-08	1.8E-07
435	SCH_	652196.56	4220382.55	652196.56, 42	0.000288207	2.51E-04	1.0E-07	3.0E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.3E-09	3.0E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
436	SCH_	652216.56	4220382.55	652216.56, 42	0.000303534	2.63E-04	1.1E-07	3.2E-07	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.5E-09	3.2E-08	4.6E-08	3.8E-08	3.4E-08	4.1E-08	1.9E-07
437	SCH_	652236.56	4220382.55	652236.56, 42	0.000320246	2.76E-04	1.1E-07	3.3E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.7E-09	3.4E-08	4.8E-08	4.0E-08	3.6E-08	4.3E-08	2.0E-07
438	SCH_	652256.56	4220382.55	652256.56, 42	0.00033847	2.90E-04	1.2E-07	3.5E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.9E-09	3.5E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.1E-07
439	SCH_	652276.56	4220382.55	652276.56, 42	0.000358434	3.06E-04	1.2E-07	3.7E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	3.8E-08	5.3E-08	4.4E-08	4.0E-08	4.7E-08	2.3E-07
440	SCH_	652296.56	4220382.55	652296.56, 42	0.000380264	3.22E-04	1.3E-07	4.0E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	4.0E-08	5.6E-08	4.6E-08	4.2E-08	5.0E-08	2.4E-07
441	SCH_	652316.56	4220382.55	652316.56, 42	0.000404252	3.40E-04	1.4E-07	4.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.7E-09	4.2E-08	5.9E-08	4.9E-08	4.4E-08	5.2E-08	2.5E-07
442	SCH_	652336.56	4220382.55	652336.56, 42	0.000430655	3.59E-04	1.5E-07	4.5E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	5.0E-09	4.5E-08	6.3E-08	5.2E-08	4.7E-08	5.5E-08	2.7E-07
443	SCH_	652356.56	4220382.55	652356.56, 42	0.000459729	3.80E-04	1.6E-07	4.8E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.3E-09	4.8E-08	6.6E-08	5.5E-08	5.0E-08	5.9E-08	2.8E-07
444	SCH_	652376.56	4220382.55	652376.56, 42	0.000491798	4.03E-04	1.7E-07	5.1E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.7E-09	5.1E-08	7.0E-08	5.8E-08	5.3E-08	6.2E-08	3.0E-07
445	SCH_	652396.56	4220382.55	652396.56, 42	0.000527215	4.28E-04	1.8E-07	5.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	6.1E-09	5.5E-08	7.5E-08	6.2E-08	5.6E-08	6.6E-08	3.2E-07
446	SCH_	652416.56	4220382.55	652416.56, 42	0.000566431	4.55E-04	2.0E-07	5.9E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.5E-09	5.9E-08	7.9E-08	6.5E-08	5.9E-08	7.0E-08	3.4E-07
447	SCH_	652436.56	4220382.55	652436.56, 42	0.000609799	4.85E-04	2.1E-07	6.4E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	7.0E-09	6.4E-08	8.5E-08	7.0E-08	6.3E-08	7.5E-08	3.6E-07
448	SCH_	652456.56	4220382.55	652456.56, 42	0.000657772	5.17E-04	2.3E-07	6.9E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.6E-09	6.9E-08	9.0E-08	7.4E-08	6.7E-08	8.0E-08	3.9E-07
449	SCH_	652476.56	4220382.55	652476.56, 42	0.000710766	5.53E-04	2.5E-07	7.4E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	8.2E-09	7.4E-08	9.7E-08	8.0E-08	7.2E-08	8.5E-08	4.2E-07
450	SCH_	652096.56	4220402.55	652096.56, 42	0.000230436	2.00E-04	8.0E-08	2.4E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	2.4E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
451	SCH_	652116.56	4220402.55	652116.56, 42	0.000240933	2.08E-04	8.3E-08	2.5E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	2.5E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
452	SCH_	652136.56	4220402.55	652136.56, 42	0.000252268	2.18E-04	8.7E-08	2.6E-07	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	2.6E-08	3.8E-08	3.1E-08	2.8E-08	3.4E-08	1.6E-07
453	SCH_	652156.56	4220402.55	652156.56, 42	0.000264504	2.28E-04	9.2E-08	2.8E-07	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	2.8E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.7E-07
454	SCH_	652176.56	4220402.55	652176.56, 42	0.00027777	2.38E-04	9.6E-08	2.9E-07	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.2E-09	2.9E-08	4.2E-08	3.4E-08	3.1E-08	3.7E-08	1.8E-07
455	SCH_	652196.56	4220402.55	652196.56, 42	0.000292131	2.50E-04	1.0E-07	3.1E-07	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	3.1E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.8E-07
456	SCH_	652216.56	4220402.55	652216.56, 42	0.000307716	2.62E-04	1.1E-07	3.2E-07	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.6E-09	3.2E-08	4.6E-08	3.8E-08	3.4E-08	4.0E-08	1.9E-07
457	SCH_	652236.56	4220402.55	652236.56, 42	0.000324684	2.75E-04	1.1E-07	3.4E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	3.4E-08	4.8E-08	3.9E-08	3.6E-08	4.2E-08	2.0E-07
458	SCH_	652256.56	4220402.55	652256.56, 42	0.000343199	2.89E-04	1.2E-07	3.6E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	4.0E-09	3.6E-08	5.0E-08	4.1E-08	3.8E-08	4.5E-08	2.1E-07
459	SCH_	652276.56	4220402.55	652276.56, 42	0.000363419	3.04E-04	1.3E-07	3.8E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.2E-09	3.8E-08	5.3E-08	4.4E-08	4.0E-08	4.7E-08	2.3E-07
460	SCH_	652296.56	4220402.55	652296.56, 42	0.000385539	3.20E-04	1.3E-07	4.0E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	4.5E-09	4.0E-08	5.6E-08	4.6E-08	4.2E-08	4.9E-08	2.4E-07
461	SCH_	652316.56	4220402.55	652316.56, 42	0.000409784	3.37E-04	1.4E-07	4.3E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.7E-09	4.3E-08	5.9E-08	4.8E-08	4.4E-08	5.2E-08	2.5E-07
462	SCH_	652336.56	4220402.55	652336.56, 42	0.000436379	3.56E-04	1.5E-07	4.6E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	5.0E-09	4.6E-08	6.2E-08	5.1E-08	4.6E-08	5.5E-08	2.7E-07
463	SCH_	652356.56	4220402.55	652356.56, 42	0.000465582	3.76E-04	1.6E-07	4.9E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.4E-09	4.9E-08	6.6E-08	5.4E-08	4.9E-08	5.8E-08	2.8E-07
464	SCH_	652376.56	4220402.55	652376.56, 42	0.000497682	3.98E-04	1.7E-07	5.2E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.8E-09	5.2E-08	6.9E-08	5.7E-08	5.2E-08	6.1E-08	3.0E-07
465	SCH_	652396.56	4220402.55	652396.56, 42	0.000532969	4.22E-04	1.8E-07	5.6E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	6.2E-09	5.6E-08	7.4E-08	6.1E-08	5.5E-08	6.5E-08	3.2E-07
466	SCH_	652416.56	4220402.55	652416.56, 42	0.00057183	4.48E-04	2.0E-07	6.0E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.6E-09	6.0E-08	7.8E-08	6.4E-08	5.8E-08	6.9E-08	3.4E-07
467	SCH_	652436.56	4220402.55	652436.56, 42	0.000614554	4.77E-04	2.1E-07	6.4E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.1E-09	6.4E-08	8.3E-08	6.9E-08	6.2E-08	7.4E-08	3.6E-07
468	SCH_	652456.56	4220402.55	652456.56, 42	0.000661463	5.08E-04	2.3E-07	6.9E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	7.6E-09	6.9E-08	8.9E-08	7.3E-08	6.6E-08	7.8E-08	3.8E-07
469	SCH_	652476.56	4220402.55	652476.56, 42	0.000712878	5.42E-04	2.5E-07	7.5E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	8.2E-09	7.5E-08	9.5E-08	7.8E-08	7.1E-08	8.4E-08	4.1E-07
470	SCH_	652096.56	4220422.55	652096.56, 42	0.000233235	1.99E-04	8.1E-08	2.4E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	2.4E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
471	SCH_	652116.56	4220422.55	652116.56, 42	0.000243925	2.08E-04	8.4E-08	2.5E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	2.6E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
472	SCH_	652136.56	4220422.55	652136.56, 42	0.000255452	2.17E-04	8.8E-08	2.7E-07	2.3E-07	1.3E-07	1.2E-07	5.4E-08	3.0E-09	2.7E-08	3.8E-08	3.1E-08	2.8E-08	3.3E-08	1.6E-07
473	SCH_	652156.56	4220422.55	652156.56, 42	0.000267881	2.27E-04	9.3E-08	2.8E-07	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	2.8E-08	4.0E-08	3.3E-08	3.0E-08	3.5E-08	1.7E-07
474	SCH_	652176.56	4220422.55	652176.56, 42	0.000281373	2.37E-04	9.7E-08	2.9E-07	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.3E-09	2.9E-08	4.1E-08	3.4E-08	3.1E-08	3.7E-08	1.8E-07
475	SCH_	652196.56	4220422.55	652196.56, 42	0.000295959	2.48E-04	1.0E-07	3.1E-07	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	3.1E-08	4.3E-08	3.6E-08	3.2E-08	3.8E-08	1.8E-07
476	SCH_	652216.56	4220422.55	652216.56, 42	0.000311769	2.60E-04	1.1E-07	3.3E-07	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.6E-09	3.3E-08	4.5E-08	3.7E-08	3.4E-08	4.0E-08	1.9E-07
477	SCH_	652236.56	4220422.55	652236.56, 42	0.000328995	2.73E-04	1.1E-07	3.4E-07	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.8E-09	3.4E-08	4.8E-08	3.9E-08	3.6E-08	4.2E-08	2.0E-07
478	SCH_	652256.56	4220422.55	652256.56, 42	0.000347766	2.86E-04	1.2E-07	3.6E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	4.0E-09	3.6E-08	5.0E-08	4.1E-08	3.7E-08	4.4E-08	2.1E-07
479	SCH_	652276.56	4220422.55	652276.56, 42	0.000368211	3.01E-04	1.3E-07	3.8E-07	3.1E-07	1.8E-07	1.7E-07	7.5E-08	4.3E-09	3.9E-08	5.3E-08	4.3E-08	3.9E-08	4.6E-08	2.2E-07
480	SCH_	652296.56	4220422.55	652296.56, 42	0.000390524	3.17E-04	1.4E-07	4.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.5E-09	4.1E-08	5.5E-08	4.6E-08	4.1E-08	4.9E-08	2.4E-07
481	SCH_	652316.56	4220422.55	652316.56, 42	0.00041493	3.34E-04	1.4E-07	4.3E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.8E-09	4.3E-08	5.8E-08	4.8E-08	4.3E-08	5.1E-08	2.5E-07
482	SCH_	652336.56	4220422.55	652336.56, 42	0.000441588	3.52E-04	1.5E-07	4.6E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	5.1E-09	4.6E-08	6.1E-08	5.1E-08	4.6E-08	5.4E-08	2.6E-07
483	SCH_	652356.56	4220422.55	652356.56, 42	0.000470758	3.72E-04	1.6E-07	4.9E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.4E-09	4.9E-08	6.5E-08	5.3E-08	4.8E-08	5.7E-08	2.8E-07
484	SCH_	652376.56	4220422.55	652376.56, 42	0.000502665	3.93E-04	1.7E-07	5.3E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.8E-09	5.3E-08	6.9E-08	5.6E-08	5.1E-08	6.1E-08	3.0E-07
485	SCH_	652396.56	4220422.55	652396.56, 42	0.000537597	4.16E-04	1.9E-07	5.6E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.2E-09	5.6E-08	7.3E-08	6.0E-08	5.4E-08	6.4E-08	3.1E-07
486	SCH_	652416.56	4220422.55	652416.56, 42	0.000575813	4.41E-04	2.0E-07	6.0E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.7E-09	6.0E-08	7.7E-08	6.3E-08	5.7E-08	6.8E-08	3.3E-07
487	SCH_	652436.56	4220422.55	652436.56, 42	0.000617506	4.68E-04	2.1E-07	6.5E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	7.1E-09	6.5E-08	8.2E-08	6.7E-08	6.1E-08	7.2E-08	3.5E-07
488	SCH_	652456.56	4220422.55	652456.56, 42	0.000662965	4.98E-04	2.3E-07	6.9E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	7.7E-09	6.9E-08	8.7E-08	7.2E-08	6.5E-08	7.7E-08	3.8E-07
489	SCH_	652476.56	4220422.55	652476.56, 42	0.000712383	5.30E-04	2.5E-07	7.4E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	8.2E-09	7.5E-08	9.3E-08	7.6E-08	6.9E-08	8.2E-08	4.0E-07
490	SCH_	652096.56	4220442.55	652096.56, 42	0.000236001	1.98E-04	8.2E-08	2.5E-07	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	2.5E-08	3.5E-08	2.9E-08	2.6E-08	3.1E-08	1.5E-07
491	SCH_	652116.56	4220442.55	652116.56, 42	0.000246852	2.07E-04	8.5E-08	2.6E-07	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.9E-09	2.6E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
492	SCH_	652136.56	4220442.55	652136.56, 42	0.000258573	2.16E-04	9.0E-08	2.7E-07	2.3E-07	1.3E-07	1.2E-07	5.4E-08	3.0E-09	2.7E-08	3.8E-08	3.1E-08	2.8E-08	3.3E-08	1.6E-07
493	SCH_	652156.56	4220442.55	652156.56, 42	0.000271227	2.25E-04	9.4E-08	2.8E-07	2.4E-07	1.4E-07	1.2E-07	5.6E-08	3.1E-09	2.8E-08	3.9E-08	3.2E-08	2.9E-08	3.5E-08	1.7E-07
494	SCH_	652176.56	4220442.55	652176.56, 42	0.000284911	2.35E-04	9.9E-08	3.0E-07	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.3E-09	3.0E-08	4.1E-08	3.4E-08	3.1E-08	3.6E-08	1.8E-07
495	SCH_	652196.56	4220442.55	652196.56, 42	0.00029969	2.46E-04	1.0E-07	3.1E-07	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.5E-09	3.1E-08	4.3E-08	3.5E-08	3.2E-08	3.8E-08	1.8E-07
496	SCH_	652216.56	4220442.55	652216.56, 42	0.000315757	2.58E-04	1.1E-07	3.3E-07	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.6E-09	3.3E-08	4.5E-08	3.7E-08	3.4E-08	4.0E-08	1.9E-07
497	SCH_	652236.56	4220442.55	652236.56, 42	0.000333176	2.71E-04	1.2E-07	3.5E-07	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.9E-09	3.5E-08	4.7E-08	3.9E-08	3.5E-08	4.2E-08	2.0E-07
498	SCH_	652256.56	4220442.55	652256.56, 42	0.00035214	2.84E-04	1.2E-07	3.7E-07	3.0E-07	1.7E-07	1.6E-07	7.1E-08	4.1E-09	3.7E-08	5.0E-08	4.1E-08	3.7E-08	4.4E-08	2.1E-07
499	SCH_	652276.56	4220442.55	652276.56, 42	0.000372714	2.98E-04	1.3E-07	3.9E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.3E-09	3.9E-08	5.2E-08	4.3E-08	3.9E-08	4.6E-08	2.2E-07
500	SCH_	652296.56	4220442.55	652296.56, 42	0.000395155	3.13E-04	1.4E-07	4.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.6E-09	4.1E-08	5.5E-08	4.5E-08	4.1E-08	4.8E-08	2.3E-07
501	SCH_	652316.56	4220442.55	652316.56, 42	0.00041956	3.30E-04	1.5E-07	4.4E-07	3.4E-07	2.0E-07	1.8E-07	8.3E-08	4.8E-09	4.4E-08	5.8E-08	4.7E-08	4.3E-08	5.1E-08	2.5E-07
502	SCH_	652336.56	4220442.55	652336.56, 42	0.000446154	3.47E-04	1.5E-07	4.7E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	5.2E-09	4.7E-08	6.1E-08	5.0E-08	4.5E-08	5.4E-08	2.6E-07
503	SCH_	652356.56	4220442.55	652356.56, 42	0.00047513	3.66E-04	1.6E-07	5.0E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.5E-09	5.0E-08	6.4E-08	5.3E-08	4.8E-08	5.7E-08	2.8E-07
504	SCH_	652376.56	4220442.55	652376.56, 42	0.000506617	3.87E-04	1.8E-07	5.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	5.9E-09	5.3E-08	6.8E-08	5.6E-08	5.0E-08	6.0E-08	2.9E-07
505	SCH_	652396.56	4220442.55	652396.56, 42	0.000540937	4.09E-04	1.9E-07	5.7E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	6.3E-09	5.7E-08	7.1E-08	5.9E-08	5.3E-08	6.3E-08	3.1E-07
506	SCH_	652416.56	4220442.55	652416.56, 42	0.000578187	4.33E-04	2.0E-07	6.0E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.7E-09	6.1E-08	7.6E-08	6.2E-08	5.6E-08	6.7E-08	3.3E-07
507	SCH_	652436.56	4220442.55	652436.56, 42	0.000618559	4.59E-04	2.1E-07	6.5E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	7.2E-09	6.5E-08	8.0E-08	6.6E-08	6.0E-08	7.1E-08	3.5E-07
508	SCH_	652456.56	4220442.55	652456.56, 42	0.000662214	4.87E-04	2.3E-07	6.9E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	7.7E-09	6.9E-08	8.5E-08	7.0E-08	6.3E-08	7.5E-08	3.7E-07
509	SCH_	652476.56	4220442.55	652476.56, 42	0.000709249	5.17E-04	2.5E-07	7.4E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	8.2E-09	7.4E-08	9.0E-08	7.4E-08	6.7E-08	8.0E-08	3.9E-07
510	SCH_	652096.56	4220462.55	652096.56, 42	0.000238735	1.97E-04	8.3E-08	2.5E-07	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.8E-09	2.5E-08	3.4E-08	2.8E-08	2.6E-08	3.0E-08	1.5E-07
511	SCH_	652116.56	4220462.55	652116.56, 42	0.000249779	2.06E-04	8.6E-08	2.6E-07	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.9E-09	2.6E-08	3.6E-08	3.0E-08	2.7E-08	3.2E-08	1.5E-07
512	SCH_	652136.56	4220462.55	652136.56, 42	0.000261693	2.14E-04	9.1E-08	2.7E-07	2.2E-07	1.3E-07	1.2E-07	5.4E-08	3.0E-09	2.7E-08	3.7E-08	3.1E-08	2.8E-08	3.3E-08	1.6E-07
513	SCH_	652156.56	4220462.55	652156.56, 42	0.000274508	2.24E-04	9.5E-08	2.9E-07	2.3E-07	1.4E-07	1.2E-07	5.6E-08	3.2E-09	2.9E-08	3.9E-08	3.2E-08	2.9E-08	3.5E-08	1.7E-07
514	SCH_	652176.56	4220462.55	652176.56, 42	0.000288385	2.34E-04	1.0E-07	3.0E-07	2.4E-07	1.4E-07	1.3E-07	5.9E-08	3.3E-09	3.0E-08	4.1E-08	3.4E-08	3.0E-08	3.6E-08	1.7E-07
515	SCH_	652196.56	4220462.55	652196.56, 42	0.000303389	2.45E-04	1.1E-07	3.2E-07	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.5E-09	3.2E-08	4.3E-08	3.5E-08	3.2E-08	3.8E-08	1.8E-07

516	SCH_	652216.56	4220462.55	652216.56, 42	0.000319617	2.56E-04	1.1E-07	3.3E-07	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.7E-09	3.3E-08	4.5E-08	3.7E-08	3.3E-08	3.9E-08	1.9E-07
517	SCH_	652236.56	4220462.55	652236.56, 42	0.000337196	2.68E-04	1.2E-07	3.5E-07	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.9E-09	3.5E-08	4.7E-08	3.9E-08	3.5E-08	4.1E-08	2.0E-07
518	SCH_	652256.56	4220462.55	652256.56, 42	0.000356257	2.81E-04	1.2E-07	3.7E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	4.1E-09	3.7E-08	4.9E-08	4.0E-08	3.7E-08	4.3E-08	2.1E-07
519	SCH_	652276.56	4220462.55	652276.56, 42	0.000376927	2.95E-04	1.3E-07	3.9E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.4E-09	3.9E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.2E-07
520	SCH_	652296.56	4220462.55	652296.56, 42	0.000399335	3.10E-04	1.4E-07	4.2E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.6E-09	4.2E-08	5.4E-08	4.5E-08	4.0E-08	4.8E-08	2.3E-07
521	SCH_	652316.56	4220462.55	652316.56, 42	0.000423643	3.26E-04	1.5E-07	4.4E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.9E-09	4.4E-08	5.7E-08	4.7E-08	4.2E-08	5.0E-08	2.5E-07
522	SCH_	652336.56	4220462.55	652336.56, 42	0.000449979	3.43E-04	1.6E-07	4.7E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	5.2E-09	4.7E-08	6.0E-08	4.9E-08	4.5E-08	5.3E-08	2.6E-07
523	SCH_	652356.56	4220462.55	652356.56, 42	0.000478536	3.61E-04	1.7E-07	5.0E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	5.5E-09	5.0E-08	6.3E-08	5.2E-08	4.7E-08	5.6E-08	2.7E-07
524	SCH_	652376.56	4220462.55	652376.56, 42	0.000509411	3.80E-04	1.8E-07	5.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.9E-09	5.3E-08	6.6E-08	5.5E-08	5.0E-08	5.9E-08	2.9E-07
525	SCH_	652396.56	4220462.55	652396.56, 42	0.000542797	4.01E-04	1.9E-07	5.7E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	6.3E-09	5.7E-08	7.0E-08	5.8E-08	5.2E-08	6.2E-08	3.1E-07
526	SCH_	652416.56	4220462.55	652416.56, 42	0.000578822	4.24E-04	2.0E-07	6.0E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	6.7E-09	6.1E-08	7.4E-08	6.1E-08	5.5E-08	6.5E-08	3.2E-07
527	SCH_	652436.56	4220462.55	652436.56, 42	0.000617584	4.49E-04	2.1E-07	6.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	7.1E-09	6.5E-08	7.8E-08	6.5E-08	5.8E-08	6.9E-08	3.4E-07
528	SCH_	652456.56	4220462.55	652456.56, 42	0.000659113	4.75E-04	2.3E-07	6.9E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.6E-09	6.9E-08	8.3E-08	6.8E-08	6.2E-08	7.3E-08	3.6E-07
529	SCH_	652476.56	4220462.55	652476.56, 42	0.000703475	5.04E-04	2.4E-07	7.4E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	8.1E-09	7.4E-08	8.8E-08	7.2E-08	6.6E-08	7.8E-08	3.9E-07
530	SCH_	652096.56	4220482.55	652096.56, 42	0.000241469	1.96E-04	8.4E-08	2.5E-07	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.8E-09	2.5E-08	3.4E-08	2.8E-08	2.6E-08	3.0E-08	1.5E-07
531	SCH_	652116.56	4220482.55	652116.56, 42	0.000252706	2.04E-04	8.7E-08	2.6E-07	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.9E-09	2.6E-08	3.6E-08	2.9E-08	2.7E-08	3.2E-08	1.5E-07
532	SCH_	652136.56	4220482.55	652136.56, 42	0.000264749	2.13E-04	9.2E-08	2.8E-07	2.2E-07	1.3E-07	1.2E-07	5.3E-08	3.1E-09	2.8E-08	3.7E-08	3.1E-08	2.8E-08	3.3E-08	1.6E-07
533	SCH_	652156.56	4220482.55	652156.56, 42	0.000277756	2.22E-04	9.6E-08	2.9E-07	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.2E-09	2.9E-08	3.9E-08	3.2E-08	2.9E-08	3.4E-08	1.7E-07
534	SCH_	652176.56	4220482.55	652176.56, 42	0.000291794	2.32E-04	1.0E-07	3.0E-07	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.4E-09	3.1E-08	4.0E-08	3.3E-08	3.0E-08	3.6E-08	1.7E-07
535	SCH_	652196.56	4220482.55	652196.56, 42	0.000306959	2.42E-04	1.1E-07	3.2E-07	2.5E-07	1.5E-07	1.3E-07	6.1E-08	3.5E-09	3.2E-08	4.2E-08	3.5E-08	3.2E-08	3.7E-08	1.8E-07
536	SCH_	652216.56	4220482.55	652216.56, 42	0.000323283	2.53E-04	1.1E-07	3.4E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.7E-09	3.4E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.9E-07
537	SCH_	652236.56	4220482.55	652236.56, 42	0.000340959	2.65E-04	1.2E-07	3.6E-07	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.9E-09	3.6E-08	4.6E-08	3.8E-08	3.5E-08	4.1E-08	2.0E-07
538	SCH_	652256.56	4220482.55	652256.56, 42	0.000360051	2.78E-04	1.2E-07	3.8E-07	2.9E-07	1.7E-07	1.5E-07	7.0E-08	4.2E-09	3.8E-08	4.9E-08	4.0E-08	3.6E-08	4.3E-08	2.1E-07
539	SCH_	652276.56	4220482.55	652276.56, 42	0.000380657	2.91E-04	1.3E-07	4.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.4E-09	4.0E-08	5.1E-08	4.2E-08	3.8E-08	4.5E-08	2.2E-07
540	SCH_	652296.56	4220482.55	652296.56, 42	0.000402936	3.06E-04	1.4E-07	4.2E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.7E-09	4.2E-08	5.3E-08	4.4E-08	4.0E-08	4.7E-08	2.3E-07
541	SCH_	652316.56	4220482.55	652316.56, 42	0.000426986	3.21E-04	1.5E-07	4.5E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.9E-09	4.5E-08	5.6E-08	4.6E-08	4.2E-08	5.0E-08	2.4E-07
542	SCH_	652336.56	4220482.55	652336.56, 42	0.000452903	3.37E-04	1.6E-07	4.7E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	5.2E-09	4.7E-08	5.9E-08	4.8E-08	4.4E-08	5.2E-08	2.6E-07
543	SCH_	652356.56	4220482.55	652356.56, 42	0.000480816	3.55E-04	1.7E-07	5.0E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	5.6E-09	5.0E-08	6.2E-08	5.1E-08	4.6E-08	5.5E-08	2.7E-07
544	SCH_	652376.56	4220482.55	652376.56, 42	0.000510853	3.73E-04	1.8E-07	5.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	5.9E-09	5.3E-08	6.5E-08	5.4E-08	4.9E-08	5.8E-08	2.8E-07
545	SCH_	652396.56	4220482.55	652396.56, 42	0.000543144	3.93E-04	1.9E-07	5.7E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	6.3E-09	5.7E-08	6.9E-08	5.7E-08	5.1E-08	6.1E-08	3.0E-07
546	SCH_	652416.56	4220482.55	652416.56, 42	0.000577655	4.15E-04	2.0E-07	6.0E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.7E-09	6.0E-08	7.2E-08	6.0E-08	5.4E-08	6.4E-08	3.2E-07
547	SCH_	652436.56	4220482.55	652436.56, 42	0.000614517	4.38E-04	2.1E-07	6.4E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	7.1E-09	6.4E-08	7.6E-08	6.3E-08	5.7E-08	6.8E-08	3.4E-07
548	SCH_	652456.56	4220482.55	652456.56, 42	0.000653727	4.63E-04	2.3E-07	6.8E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	7.6E-09	6.8E-08	8.1E-08	6.7E-08	6.0E-08	7.1E-08	3.5E-07
549	SCH_	652476.56	4220482.55	652476.56, 42	0.000695191	4.89E-04	2.4E-07	7.3E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	8.0E-09	7.3E-08	8.5E-08	7.0E-08	6.4E-08	7.5E-08	3.8E-07
550	SCH_	652216.56	4220502.55	652216.56, 42	0.000326756	2.51E-04	1.1E-07	3.4E-07	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.8E-09	3.4E-08	4.4E-08	3.6E-08	3.3E-08	3.9E-08	1.9E-07
551	SCH_	652236.56	4220502.55	652236.56, 42	0.0003444	2.62E-04	1.2E-07	3.6E-07	2.7E-07	1.6E-07	1.4E-07	6.6E-08	4.0E-09	3.6E-08	4.6E-08	3.8E-08	3.4E-08	4.0E-08	2.0E-07
552	SCH_	652256.56	4220502.55	652256.56, 42	0.000363427	2.74E-04	1.3E-07	3.8E-07	2.9E-07	1.7E-07	1.5E-07	6.9E-08	4.2E-09	3.8E-08	4.8E-08	3.9E-08	3.6E-08	4.2E-08	2.1E-07
553	SCH_	652276.56	4220502.55	652276.56, 42	0.000383871	2.87E-04	1.3E-07	4.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	4.4E-09	4.0E-08	5.0E-08	4.1E-08	3.7E-08	4.4E-08	2.2E-07
554	SCH_	652296.56	4220502.55	652296.56, 42	0.000405861	3.01E-04	1.4E-07	4.2E-07	3.1E-07	1.8E-07	1.7E-07	7.5E-08	4.7E-09	4.2E-08	5.3E-08	4.3E-08	3.9E-08	4.6E-08	2.3E-07
555	SCH_	652316.56	4220502.55	652316.56, 42	0.00042946	3.16E-04	1.5E-07	4.5E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	5.0E-09	4.5E-08	5.5E-08	4.5E-08	4.1E-08	4.9E-08	2.4E-07
556	SCH_	652336.56	4220502.55	652336.56, 42	0.000454797	3.31E-04	1.6E-07	4.8E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	5.3E-09	4.8E-08	5.8E-08	4.8E-08	4.3E-08	5.1E-08	2.5E-07
557	SCH_	652356.56	4220502.55	652356.56, 42	0.000481936	3.48E-04	1.7E-07	5.0E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	5.6E-09	5.0E-08	6.1E-08	5.0E-08	4.5E-08	5.4E-08	2.7E-07
558	SCH_	652376.56	4220502.55	652376.56, 42	0.000510911	3.66E-04	1.8E-07	5.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.9E-09	5.3E-08	6.4E-08	5.3E-08	4.8E-08	5.6E-08	2.8E-07
559	SCH_	652396.56	4220502.55	652396.56, 42	0.000541849	3.85E-04	1.9E-07	5.7E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	6.3E-09	5.7E-08	6.7E-08	5.5E-08	5.0E-08	5.9E-08	2.9E-07
560	SCH_	652416.56	4220502.55	652416.56, 42	0.000574686	4.05E-04	2.0E-07	6.0E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	6.6E-09	6.0E-08	7.1E-08	5.8E-08	5.3E-08	6.2E-08	3.1E-07
561	SCH_	652436.56	4220502.55	652436.56, 42	0.000609486	4.26E-04	2.1E-07	6.4E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	7.0E-09	6.4E-08	7.4E-08	6.1E-08	5.6E-08	6.6E-08	3.3E-07
562	SCH_	652456.56	4220502.55	652456.56, 42	0.000646153	4.49E-04	2.2E-07	6.8E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	7.5E-09	6.8E-08	7.8E-08	6.5E-08	5.9E-08	6.9E-08	3.5E-07
563	SCH_	652476.56	4220502.55	652476.56, 42	0.000684622	4.74E-04	2.4E-07	7.2E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.9E-09	7.2E-08	8.3E-08	6.8E-08	6.2E-08	7.3E-08	3.7E-07
564	SCH_	652396.56	4220522.55	652396.56, 42	0.000538912	3.75E-04	1.9E-07	5.6E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	6.2E-09	5.6E-08	6.6E-08	5.4E-08	4.9E-08	5.8E-08	2.9E-07
565	SCH_	652416.56	4220522.55	652416.56, 42	0.000569946	3.94E-04	2.0E-07	6.0E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	6.6E-09	6.0E-08	6.9E-08	5.7E-08	5.1E-08	6.1E-08	3.0E-07
566	SCH_	652436.56	4220522.55	652436.56, 42	0.000602557	4.14E-04	2.1E-07	6.3E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	7.0E-09	6.3E-08	7.2E-08	6.0E-08	5.4E-08	6.4E-08	3.2E-07
567	SCH_	652456.56	4220522.55	652456.56, 42	0.000636615	4.35E-04	2.2E-07	6.7E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	7.4E-09	6.7E-08	7.6E-08	6.3E-08	5.7E-08	6.7E-08	3.4E-07
568	SCH_	652476.56	4220522.55	652476.56, 42	0.000671961	4.58E-04	2.3E-07	7.0E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	7.8E-09	7.0E-08	8.0E-08	6.6E-08	6.0E-08	7.1E-08	3.5E-07

Residential DOSEair = **$(Cair*(BR/BW)*A*EF*10^{-6})$**

A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk = **DOSEair * CPF * ASF * ED/AT * FAH**

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED
3rd	361	10	0.85	0.25
C 0<2	1090	10	0.85	0.75
O 0<2	1090	10	0.85	1.25
2<9	631	3	0.72	7
9<16	572	3	0.72	7
16<30	261	1	0.73	53.75

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Worker Risk

Discrete Receptor ID		X	Y	X, Y	Concentration [ug/m^3] Construction Total	Operations (DPM) Total	Operations (Benzene) Total	Worker Dose Construction	Worker Dose Operations (DPM)	Worker Dose Operations (Benzene)	Worker Risk Construction	Worker Risk Operations (DPM)	Worker Risk Operations (Benzene)	Worker Risk (Combined) Construction	Worker Risk (Combined) Operations (DPM)	Worker Risk (Combined) Operations (Benzene)	Total Combined Risk
1	RES1_	652763.96	4219991.3	652763.96, 4	0.002686311	0.003176634	3.76E-03	4.2E-07	5.0E-07	5.9E-07	6.7E-09	3.1E-07	3.7E-07	1.0E-10	1.9E-07	2.3E-07	4.2E-07
2	RES1_	652783.96	4219991.3	652783.96, 4	0.003255948	0.003053554	4.34E-03	5.1E-07	4.8E-07	6.8E-07	8.1E-09	3.0E-07	4.3E-07	1.3E-10	1.9E-07	2.6E-07	4.5E-07
3	RES1_	652803.96	4219991.3	652803.96, 4	0.004080711	0.00313026	5.13E-03	6.4E-07	4.9E-07	8.1E-07	1.0E-08	3.1E-07	5.1E-07	1.6E-10	1.9E-07	3.1E-07	5.0E-07
4	RES1_	652823.96	4219991.3	652823.96, 4	0.005321163	0.003429045	6.20E-03	8.4E-07	5.4E-07	9.8E-07	1.3E-08	3.4E-07	6.1E-07	2.1E-10	2.1E-07	3.8E-07	5.8E-07
5	RES1_	652843.96	4219991.3	652843.96, 4	0.007310234	0.004037301	7.60E-03	1.2E-06	6.4E-07	1.2E-06	1.8E-08	4.0E-07	7.5E-07	2.8E-10	2.5E-07	4.6E-07	7.1E-07
6	RES1_	652763.96	4220011.3	652763.96, 4	0.002931154	0.003473942	4.27E-03	4.6E-07	5.5E-07	6.7E-07	7.3E-09	3.4E-07	4.2E-07	1.1E-10	2.1E-07	2.6E-07	4.7E-07
7	RES1_	652783.96	4220011.3	652783.96, 4	0.003654107	0.003381707	4.96E-03	5.8E-07	5.3E-07	7.8E-07	9.0E-09	3.3E-07	4.9E-07	1.4E-10	2.1E-07	3.0E-07	5.1E-07
8	RES1_	652803.96	4220011.3	652803.96, 4	0.00475089	0.003552	5.91E-03	7.5E-07	5.6E-07	9.3E-07	1.2E-08	3.5E-07	5.8E-07	1.8E-10	2.2E-07	3.6E-07	5.7E-07
9	RES1_	652823.96	4220011.3	652823.96, 4	0.006547225	0.004064271	7.22E-03	1.0E-06	6.4E-07	1.1E-06	1.6E-08	4.0E-07	7.2E-07	2.5E-10	2.5E-07	4.4E-07	6.9E-07
10	RES1_	652843.96	4220011.3	652843.96, 4	0.009896435	0.005274455	9.09E-03	1.6E-06	8.3E-07	1.4E-06	2.4E-08	5.2E-07	9.0E-07	3.8E-10	3.2E-07	5.5E-07	8.7E-07
11	RES1_	652763.96	4220031.3	652763.96, 4	0.003165116	0.003775881	4.92E-03	5.0E-07	5.9E-07	7.8E-07	7.8E-09	3.7E-07	4.9E-07	1.2E-10	2.3E-07	3.0E-07	5.3E-07
12	RES1_	652783.96	4220031.3	652783.96, 4	0.004056558	0.003706343	5.79E-03	6.4E-07	5.8E-07	9.1E-07	1.0E-08	3.7E-07	5.7E-07	1.6E-10	2.2E-07	3.5E-07	5.8E-07
13	RES1_	652803.96	4220031.3	652803.96, 4	0.00545786	0.003962613	6.95E-03	8.6E-07	6.2E-07	1.1E-06	1.4E-08	3.9E-07	6.9E-07	2.1E-10	2.4E-07	4.2E-07	6.6E-07
14	RES1_	652823.96	4220031.3	652823.96, 4	0.007916285	0.004672001	8.60E-03	1.2E-06	7.4E-07	1.4E-06	2.0E-08	4.6E-07	8.5E-07	3.1E-10	2.8E-07	5.2E-07	8.1E-07
15	RES1_	652843.96	4220031.3	652843.96, 4	0.013025503	0.006356661	1.11E-02	2.1E-06	1.0E-06	1.7E-06	3.2E-08	6.3E-07	1.1E-06	5.1E-10	3.9E-07	6.7E-07	1.1E-06
16	RES1_	652763.96	4220051.3	652763.96, 4	0.003393673	0.004095617	5.77E-03	5.3E-07	6.5E-07	9.1E-07	8.4E-09	4.1E-07	5.7E-07	1.3E-10	2.5E-07	3.5E-07	6.0E-07
17	RES1_	652783.96	4220051.3	652783.96, 4	0.00445417	0.004019236	6.89E-03	7.0E-07	6.3E-07	1.1E-06	1.1E-08	4.0E-07	6.8E-07	1.7E-10	2.4E-07	4.2E-07	6.6E-07
18	RES1_	652803.96	4220051.3	652803.96, 4	0.006172707	0.004325266	8.42E-03	9.7E-07	6.8E-07	1.3E-06	1.5E-08	4.3E-07	8.3E-07	2.4E-10	2.6E-07	5.1E-07	7.7E-07
19	RES1_	652823.96	4220051.3	652823.96, 4	0.009306303	0.00509782	1.06E-02	1.5E-06	8.0E-07	1.7E-06	2.3E-08	5.0E-07	1.0E-06	3.6E-10	3.1E-07	6.4E-07	9.5E-07
20	RES1_	652843.96	4220051.3	652843.96, 4	0.015725483	0.006652735	1.39E-02	2.5E-06	1.0E-06	2.2E-06	3.9E-08	6.6E-07	1.4E-06	6.1E-10	4.0E-07	8.5E-07	1.2E-06
21	RES1_	652763.96	4220071.3	652763.96, 4	0.003620352	0.004433138	6.74E-03	5.7E-07	7.0E-07	1.1E-06	9.0E-09	4.4E-07	6.7E-07	1.4E-10	2.7E-07	4.1E-07	6.8E-07
22	RES1_	652783.96	4220071.3	652783.96, 4	0.004826282	0.004336174	8.27E-03	7.6E-07	6.8E-07	1.3E-06	1.2E-08	4.3E-07	8.2E-07	1.9E-10	2.6E-07	5.0E-07	7.7E-07
23	RES1_	652803.96	4220071.3	652803.96, 4	0.006813436	0.004658375	1.04E-02	1.1E-06	7.3E-07	1.6E-06	1.7E-08	4.6E-07	1.0E-06	2.7E-10	2.8E-07	6.3E-07	9.2E-07
24	RES1_	652823.96	4220071.3	652823.96, 4	0.010432536	0.005386288	1.36E-02	1.6E-06	8.5E-07	2.1E-06	2.6E-08	5.3E-07	1.3E-06	4.1E-10	3.3E-07	8.2E-07	1.2E-06
25	RES1_	652763.96	4220091.3	652763.96, 4	0.003833179	0.004802816	7.65E-03	6.0E-07	7.6E-07	1.2E-06	9.5E-09	4.8E-07	7.6E-07	1.5E-10	2.9E-07	4.6E-07	7.6E-07
26	RES1_	652783.96	4220091.3	652783.96, 4	0.005138417	0.004696329	9.64E-03	8.1E-07	7.4E-07	1.5E-06	1.3E-08	4.7E-07	9.5E-07	2.0E-10	2.9E-07	5.8E-07	8.7E-07
27	RES1_	652803.96	4220091.3	652803.96, 4	0.007278929	0.005047399	1.26E-02	1.1E-06	8.0E-07	2.0E-06	1.8E-08	5.0E-07	1.2E-06	2.8E-10	3.1E-07	7.6E-07	1.1E-06
28	RES1_	652823.96	4220091.3	652823.96, 4	0.011075221	0.005710234	1.73E-02	1.7E-06	9.0E-07	2.7E-06	2.7E-08	5.7E-07	1.7E-06	4.3E-10	3.5E-07	1.0E-06	1.4E-06
29	RES1_	652843.96	4220091.3	652843.96, 4	0.017956981	0.006881359	2.53E-02	2.8E-06	1.1E-06	4.0E-06	4.4E-08	6.8E-07	2.5E-06	7.0E-10	4.2E-07	1.5E-06	2.0E-06
30	RES1_	652763.96	4220111.3	652763.96, 4	0.004006895	0.005262528	8.24E-03	6.3E-07	8.3E-07	1.3E-06	9.9E-09	5.2E-07	8.2E-07	1.6E-10	3.2E-07	5.0E-07	8.2E-07
31	RES1_	652783.96	4220111.3	652783.96, 4	0.005350088	0.005239423	1.05E-02	8.4E-07	8.3E-07	1.7E-06	1.3E-08	5.2E-07	1.0E-06	2.1E-10	3.2E-07	6.4E-07	9.6E-07
32	RES1_	652803.96	4220111.3	652803.96, 4	0.007485202	0.005722464	1.41E-02	1.2E-06	9.0E-07	2.2E-06	1.9E-08	5.7E-07	1.4E-06	2.9E-10	3.5E-07	8.5E-07	1.2E-06
33	RES1_	652823.96	4220111.3	652823.96, 4	0.011139694	0.006332704	1.99E-02	1.8E-06	1.0E-06	3.1E-06	2.8E-08	6.3E-07	2.0E-06	4.3E-10	3.8E-07	1.2E-06	1.6E-06
34	RES1_	652843.96	4220111.3	652843.96, 4	0.017614131	0.007291982	3.07E-02	2.8E-06	1.1E-06	4.8E-06	4.4E-08	7.2E-07	3.0E-06	6.9E-10	4.4E-07	1.9E-06	2.3E-06
35	RES1_	652783.96	4220131.3	652783.96, 4	0.005446398	0.006733744	1.09E-02	8.6E-07	1.1E-06	1.7E-06	1.3E-08	6.7E-07	1.1E-06	2.1E-10	4.1E-07	6.6E-07	1.1E-06
36	RES1_	652803.96	4220131.3	652803.96, 4	0.007442429	0.007514268	1.45E-02	1.2E-06	1.2E-06	2.3E-06	1.8E-08	7.4E-07	1.4E-06	2.9E-10	4.6E-07	8.8E-07	1.3E-06
37	RES1_	652823.96	4220131.3	652823.96, 4	0.010676908	0.008006403	2.05E-02	1.7E-06	1.3E-06	3.2E-06	2.6E-08	7.9E-07	2.0E-06	4.2E-10	4.9E-07	1.2E-06	1.7E-06
38	RES3_	653217.5	4220029.01	653217.5, 42	0.034317585	0.001368862	4.80E-03	5.4E-06	2.2E-07	7.6E-07	8.5E-08	1.4E-07	4.8E-07	1.3E-09	8.3E-08	2.9E-07	3.8E-07
39	RES3_	653237.5	4220029.01	653237.5, 42	0.02170809	0.001218305	4.21E-03	3.4E-06	1.9E-07	6.6E-07	5.4E-08	1.2E-07	4.2E-07	8.4E-10	7.4E-08	2.6E-07	3.3E-07
40	RES3_	653257.5	4220029.01	653257.5, 42	0.014142599	0.001091279	3.73E-03	2.2E-06	1.7E-07	5.9E-07	3.5E-08	1.1E-07	3.7E-07	5.5E-10	6.6E-08	2.3E-07	2.9E-07
41	RES3_	653277.5	4220029.01	653277.5, 42	0.010044816	0.000985202	3.34E-03	1.6E-06	1.6E-07	5.3E-07	2.5E-08	9.8E-08	3.3E-07	3.9E-10	6.0E-08	2.0E-07	2.6E-07
42	RES3_	653297.5	4220029.01	653297.5, 42	0.00758636	0.000895392	3.00E-03	1.2E-06	1.4E-07	4.7E-07	1.9E-08	8.9E-08	3.0E-07	3.0E-10	5.4E-08	1.8E-07	2.4E-07
43	RES3_	653217.5	4220049.01	653217.5, 42	0.029722851	0.001319479	4.77E-03	4.7E-06	2.1E-07	7.5E-07	7.4E-08	1.3E-07	4.7E-07	1.2E-09	8.0E-08	2.9E-07	3.7E-07
44	RES3_	653237.5	4220049.01	653237.5, 42	0.01718189	0.001180815	4.19E-03	2.7E-06	1.9E-07	6.6E-07	4.3E-08	1.2E-07	4.1E-07	6.7E-10	7.2E-08	2.5E-07	3.3E-07
45	RES3_	653257.5	4220049.01	653257.5, 42	0.011566911	0.00106445	3.72E-03	1.8E-06	1.7E-07	5.9E-07	2.9E-08	1.1E-07	3.7E-07	4.5E-10	6.5E-08	2.3E-07	2.9E-07
46	RES3_	653277.5	4220049.01	653277.5, 42	0.008478328	0.000965007	3.32E-03	1.3E-06	1.5E-07	5.2E-07	2.1E-08	9.6E-08	3.3E-07	3.3E-10	5.9E-08	2.0E-07	2.6E-07
47	RES3_	653297.5	4220049.01	653297.5, 42	0.006560156	0.000879877	2.99E-03	1.0E-06	1.4E-07	4.7E-07	1.6E-08	8.7E-08	3.0E-07	2.6E-10	5.3E-08	1.8E-07	2.4E-07
48	RES3_	653217.5	4220069.01	653217.5, 42	0.017367379	0.001270384	4.70E-03	2.7E-06	2.0E-07	7.4E-07	4.3E-08	1.3E-07	4.7E-07	6.8E-10	7.7E-08	2.9E-07	3.6E-07
49	RES3_	653237.5	4220069.01	653237.5, 42	0.012108745	0.001142601	4.14E-03	1.9E-06	1.8E-07	6.5E-07	3.0E-08	1.1E-07	4.1E-07	4.7E-10	6.9E-08	2.5E-07	3.2E-07
50	RES3_	653257.5	4220069.01	653257.5, 42	0.008944385	0.001034905	3.68E-03	1.4E-06	1.6E-07	5.8E-07	2.2E-08	1.0E-07	3.6E-07	3.5E-10	6.3E-08	2.2E-07	2.9E-07
51	RES3_	653277.5	4220069.01	653277.5, 42	0.006915606	0.000941922	3.29E-03	1.1E-06	1.5E-07	5.2E-07	1.7E-08	9.3E-08	3.3E-07	2.7E-10	5.7E-08	2.0E-07	2.6E-07
52	RES3_	653297.5	4220069.01	653297.5, 42	0.005536816	0.000861455	2.97E-03	8.7E-07	1.4E-07	4.7E-07	1.4E-08	8.5E-08	2.9E-07	2.2E-10	5.2E-08	1.8E-07	2.3E-07
53	RES2_	653091.77	4220073.8	653091.77, 4	0.056934264	0.003047908	1.89E-02	9.0E-06	4.8E-07	3.0E-06	1.4E-07	3.0E-07	1.9E-06	2.2E-09	1.8E-07	1.1E-06	1.3E-06
54	RES2_	653107.01	4220074.09	653107.01, 4	0.046447959	0.002655116	1.37E-02	7.3E-06	4.2E-07	2.2E-06	1.1E-07	2.6E-07	1.4E-06	1.8E-09	1.6E-07	8.3E-07	9.9E-07
55	RES2_	653127.01	4220074.09	653127.01, 4	0.038470533	0.002256419	1.03E-02	6.1E-06	3.6E-07	1.6E-06	9.5E-08	2.2E-07	1.0E-06	1.5E-09	1.4E-07	6.2E-07	7.6E-07
56	RES2_	653147.01	4220074.09	653147.01, 4	0.033389698	0.001945312	8.24E-03	5.3E-06	3.1E-07	1.3E-06	8.3E-08	1.9E-07	8.2E-07	1.3E-09	1.2E-07	5.0E-07	6.2E-07
57	RES2_	653167.01	4220074.09	653167.01, 4	0.029254881	0.001697354	6.84E-03	4.6E-06	2.7E-07	1.1E-06	7.2E-08	1.7E-07	6.8E-07	1.1E-09	1.0E-07	4.2E-07	5.2E-07
58	RES2_	653187.01	4220074.09	653187.01, 4	0.024686947	0.001496623	5.81E-03	3.9E-06	2.4E-07	9.2E-07	6.1E-08	1.5E-07	5.8E-07	9.6E-10	9.1E-08	3.5E-07	4.4E-07
59	RES2_	653207.01	4220074.09	653207.01, 4	0.018273963	0.001331947	5.03E-03	2.9E-06	2.1E-07	7.9E-07	4.5E-08	1.3E-07	5.0E-07	7.1E-10	8.1E-08	3.0E-07	3.9E-07
60	RES2_	653226.41	4220070.49	653226.41, 4	0.014197521	0.001207112	4.43E-03	2.2E-06	1.9E-07	7.0E-07	3.5E-08	1.2E-07	4.4E-07	5.5E-10	7.3E-08	2.7E-07	3.4E-07
61	RES2_	653246.41	4220070.49	653246.41, 4	0.010275078	0.001089964	3.92E-03	1.6E-06	1.7E-07	6.2E-07	2.5E-08	1.1E-07	3.9E-07	4.0E-10	6.6E-08	2.4E-07	3.0E-07
62	RES2_	653266.41	4220070.49	653266.41, 4	0.007798015	0.000989569	3.50E-03	1.2E-06	1.6E-07	5.5E-07	1.9E-08	9.8E-08	3.5E-07	3.0E-10	6.0E-08	2.1E-07	2.7E-07
63	RES2_	653286.41	4220070.49	653286.41, 4	0.006151047	0.000902971	3.14E-03	9.7E-07	1.4E-07	4.9E-07	1.5E-08	8.9E-08	3.1E-07	2.4E-10	5.5E-08	1.9E-07	2.5E-07
64	RES2_	653306.41	4220070.49	653306.41, 4	0.004998427	0.000827464	2.84E-03	7.9E-07	1.3E-07	4.5E-07	1.2E-08	8.2E-08	2.8E-07	1.9E-10	5.0E-08	1.7E-07	2.2E-07
65	RES2_	653092.17	4220089.4	653092.17, 4	0.046772228	0.002772145	1.91E-02	7.4E-06	4.4E-07	3.0E-06	1.2E-07	2.7E-07	1.9E-06	1.8E-09	1.7E-07	1.2E-06	1.3E-06
66	RES2_	653107.41	4220089.69	653107.41, 4	0.035928902	0.002438549	1.33E-02	5.7E-06	3.8E-07	2.1E-06	8.9E-08	2.4E-07	1.3E-06	1.4E-09	1.5E-07	8.1E-07	9.6E-07
67	RES2_	653127.41	4220089.69	653127.41, 4	0.028124567	0.002096285	9.90E-03	4.4E-06	3.3E-07	1.6E-06	7.0E-08	2.1E-07	9.8E-07	1.1E-09	1.3E-07	6.0E-07	7.3E-07
68	RES2_	653147.41	4220089.69	653147.41, 4	0.023402948	0.001825458	7.96E-03	3.7E-06	2.9E-07	1.3E-06	5.8E-08	1.8E-07	7.9E-07	9.1E-10	1.1E-07	4.8E-07	6.0E-07
69	RES2_	653167.41	4220089.69	653167.41, 4	0.019715547	0.001606406	6.65E-03	3.1E-06	2.5E-07	1.0E-06	4.9E-08	1.6E-07	6.6E-07	7.7E-10	9.7E-08	4.0E-07	5.0E-07
70	RES2_	653187.41	4220089.69	653187.41, 4	0.016030982	0.001426377	5.67E-03	2.5E-06	2.2E-07	8.9E-07	4.0E-08	1.4E-07	5.6E-07	6.2E-10	8.7E-08	3.4E-07	4.3E-07
71	RES2_	653207.41	4220089.69	653207.41, 4	0.012412766	0.001276877	4.92E-03	2.0E-06	2.0E-07	7.7E-07	3.1E-08	1.3E-07	4.9E-07	4.8E-10	7.7E-08	3.0E-07	3.8E-07
72	RES2_	653226.41	4220090.49	653226.41, 4	0.009681396	0.001154267	4.34E-03	1.5E-06	1.8E-07	6.8E-07	2.4E-08	1.1E-07	4.3E-07	3.8E-10	7.0E-08	2.6E-07	3.3E-07
73	RES2_	653246.41	4220090.49	653246.41, 4	0.00766929	0.00104753	3.85E-03	1.2E-06	1.7E-07	6.1E-07	1.9E-08	1.0E-07	3.8E-07	3.0E-10	6.4E-08	2.3E-07	3.0E-07
74	RES2_	653266.41	4220090.49	653266.41, 4	0.006174743	0.000955411	3.44E-03	9.7E-07	1.5E-07	5.4E-07	1.5E-08	9.5E-08	3.4E-07	2.4E-10	5.8E-08	2.1E-07	2.7E-07
75	RES2_	653286.41	4220090.49	653286.41, 4	0.005066481	0.000875089	3.10E-03	8.0E-07	1.4E-07	4.9E-07	1.3E-08	8.7E-08	3.1E-07	2.0E-10	5.3E-08	1.9E-07	2.4E-07
76	RES2_	653306.41	4220090.49	653306.41, 4	0.004232128	0.000804738	2.81E-03	6.7E-07	1.3E-07	4.4E-07	1.0E-08	8.0E-08	2.8E-07	1.6E-10	4.9E-08	1.7E-07	2.2E-07
77	RES2_	653092.17	4220109.4	653092.17, 4	0.034558919	0.002422599	1.60E-02	5.4E-06	3.8E-07	2.5E-06	8.6E-08	2.4E-07	1.6E-06	1.3E-09	1.5E-07	9.7E-07	1.1E-06
78	RES2_	653107.41	4220109.69	653107.41, 4	0.025762968	0.002157331	1.18E-02	4.1E-06	3.4E-07	1.9E-06	6.4E-08	2.1E-07	1.2E-06	1.0E-09	1.3E-07	7.1E-07	8.5E-07
79	RES2_	653127.41	4220109.69	653127.41, 4	0.019707572	0.001882844	9.12E-03	3.1E-06	3.0E-07	1.4E-06	4.9E-08	1.9E-07	9.0E-07	7.7E-10	1.1E-07	5.5E-07	6.7E-07
80	RES2_	653147.41	4220109.69	653147.41, 4	0.016020232	0.001661387	7.49E-03	2.5E-06	2.6E-07	1.2E-06	4.0E-08	1.6E-07	7.4E-07	6.2E-10	1.0E-07	4.5E-07	5.6E-07
81	RES2_	653167.41	4220109.69	653167.41, 4	0.013188614	0.001478702	6.32E-03	2.1E-06	2.3E-07	1.0E-06	3.3E-08	1.5E-07	6.3E-07	5.1E-10	9.0E-08	3.8E-07	4.7E-07
82	RES2_	653187.41	4220109.69	653187.41, 4	0.01072075	0.001325638	5.44E-03	1.7E-06	2.1E-07	8.6E-07	2.7E-08	1.3E-07	5.4E-07	4.2E-10	8.0E-08	3.3E-07	4.1E-07
83	RES2_	653207.41	4220109.69	653207.41, 4	0.008706259	0.001196164	4.74E-03	1.4E-06	1.9E-07	7.5E-07	2.2E-08	1.2E-07	4.7E-07	3.4E-10	7.3E-08	2.9E-07	3.6E-07
84	RES2_	653226.41	4220110.49	653226.41, 4	0.007154088	0.001087957	4.20E-03	1.1E-06	1.7E-07	6.6E-07	1.8E-08	1.1E-07	4.2E-07	2.8E-10	6.6E-08	2.5E-07	3.2E-07
85	RES2_	653246.41	4220110.49	653246.41, 4	0.005944328	0.000993377	3.74E-03	9.4E-07	1.6E-07	5.9E-07	1.5E-08	9.8E-08	3.7E-07	2.3E-10	6.0E-08	2.3E-07	2.9E-07
86	RES2_	653266.41	4220110.49	653266.41, 4	0.004976351	0.00091089	3.35E-03	7.8E-07	1.4E-07	5.3E-07	1.2E-08	9.0E-08	3.3E-07	1.9E-10	5.5E-08	2.0E-07	2.6E-07
87	RES2_	653286.41	4220110.49	653286.41, 4	0.004205799	0.000838341	3.03E-03	6.6E-07	1.3E-07	4.8E-07	1.0E-08	8.3E-08	3.0E-07	1.6E-10	5.1E-08	1.8E-07	2.3E-07
88	RES2_	653306.41	4220110.49	653306.41, 4	0.003592981	0.000774001	2.75E-03	5.7E-07	1.2E-07	4.3E-07	8.9E-09	7.7E-08	2.7E-07	1.4E-10	4.7E-08	1.7E-07	2.1E-07
89	RES2_	653092.88	4220123.48	653092.88, 4	0.025052408	0.002172516	1.22E-02	3.9E-06	3.4E-07	1.9E-06	6.2E-08	2.2E-07	1.2E-06	9.7E-10	1.3E-07	7.4E-07	8.7E-07
90	RES2_	653108.12	4220123.76	653108.12, 4	0.019416748	0.001953524	1.01E-02	3.1E-06	3.1E-07	1.6E-06	4.8E-08	1.9E-07	1.0E-06	7.6E-10	1.2E-07	6.2E-07	7.3E-07
91	RES2_	653128.12	4220123.76	653128.12, 4	0.015242398	0.001723581	8.29E-03	2.4E-06	2.7E-07	1.3E-06	3.8E-08	1.7E-07	8.2E-07	5.9E-10	1.0E-07	5.0E-07	6.1E-07
92	RES2_	653148.12	4220123.76	653148.12, 4	0.012459771	0.001535604	6.96E-03	2.0E-06	2.4E-07	1.1E-06	3.1E-08	1.5E-07	6.9E-07	4.8E-10	9.3E-08	4.2E-07	5.2E-07
93	RES2_	653168.12	4220123.76	653168.12, 4	0.010276307	0.001378245	5.95E-03	1.6E-06	2.2E-07	9.4E-07	2.5E-08	1.4E-07	5.9E-07	4.0E-10	8.4E-08	3.6E-07	4.5E-07
94	RES2_	653188.12	4220123.76	653188.12, 4	0.008468927	0.001244705	5.17E-03	1.3E-06	2.0E-07	8.1E-07	2.1E-08	1.2E-07	5.1E-07	3.3E-10	7.6E-08	3.1E-07	3.9E-07
95	RES2_	653208.12	4220123.76	653208.12, 4	0.00704439	0.001130303	4.54E-03	1.1E-06	1.8E-07	7.1E-07	1.7E-08	1.1E-07	4.5E-07	2.7E-10	6.9E-08	2.8E-07	3.4E-07
96	RES2_	653227.12	4220124.56	653227.12, 4	0.005923056	0.001033111	4.04E-03	9.3E-07	1.6E-07	6.4E-07	1.5E-08	1.0E-07	4.0E-07	2.3E-10	6.3E-08	2.4E-07	3.1E-07
97	RES2_	653247.12	4220124.56	653247.12, 4	0.005030532	0.000947692	3.61E-03	7.9E-07	1.5E-07	5.7E-07	1.2E-08	9.4E-08	3.6E-07	2.0E-10	5.8E-08	2.2E-07	2.8E-07
98	RES2_	653267.12	4220124.56	653267.12, 4	0.004297675	0.000872564	3.25E-03	6.8E-07	1.4E-07	5.1E-07	1.1E-08	8.6E-08	3.2E-07	1.7E-10	5.3E-08	2.0E-07	2.5E-07
99	RES2_	653287.12	4220124.56	653287.12, 4	0.00369432	0.000805792	2.94E-03	5.8E-07	1.3E-07	4.6E-07	9.1E-09	8.0E-08	2.9E-07	1.4E-10	4.9E-08	1.8E-07	2.3E-07
100	RES2_	653307.12	4220124.56	653307.12, 4	0.003199127	0.000746534	2.68E-03	5.0E-07	1.2E-07	4.2E-07	7.9E-09	7.4E-08	2.7E-07	1.2E-10	4.5E-08	1.6E-07	2.1E-07
101	RES4_	652875.28	4219709.68	652875.28, 4	0.000784117	0.00070451	1.50E-03	1.2E-07	1.1E-07	2.4E-07	1.9E-09	7.0E-08	1.5E-07	3.1E-11	4.3E-08	9.1E-08	1.3E-07
102	RES4_	652895.28	4219709.68	652895.28, 4	0.000837316	0.000716727	1.54E-03	1.3E-07	1.1E-07	2.4E-07	2.1E-09	7.1E-08	1.5E-07	3.3E-11	4.3E-08	9.3E-08	1.4E-07
103	RES4_	652915.28	4219709.68	652915.28, 4	0.000899869	0.000731102	1.59E-03	1.4E-07	1.2E-07	2.5E-07	2.2E-09	7.2E-08	1.6E-07	3.5E-11	4.4E-08	9.6E-08	1.4E-07
104	RES4_	652935.28	4219709.68	652935.28, 4	0.000973186	0.000748437	1.66E-03	1.5E-07	1.2E-07	2.6E-07	2.4E-09	7.4E-08	1.6E-07	3.8E-11	4.5E-08	1.0E-07	1.5E-07
105	RES4_	652955.28	4219709.68	652955.28, 4	0.001057717	0.000767579	1.74E-03	1.7E-07	1.2E-07	2.7E-07	2.6E-09	7.6E-08	1.7E-07	4.1E-11	4.7E-08	1.1E-07	1.5E-07
106	RES4_	652975.28	4219709.68	652975.28, 4	0.001152943	0.000788936	1.84E-03	1.8E-07	1.2E-07	2.9E-07	2.9E-09	7.8E-08	1.8E-07	4.5E-11	4.8E-08	1.1E-07	1.6E-07
107	RES4_	652995.28	4219709.68	652995.28, 4	0.001257479	0.000809984	1.94E-03	2.0E-07	1.3E-07	3.1E-07	3.1E-09	8.0E-08	1.9E-07	4.9E-11	4.9E-08	1.2E-07	1.7E-07
108	RES4_	653015.28	4219709.68	653015.28, 4	0.001369039	0.00083101	2.04E-03	2.2E-07	1.3E-07	3.2E-07	3.4E-09	8.2E-08	2.0E-07	5.3E-11	5.0E-08	1.2E-07	1.7E-07
109	RES4_	652875.28	4219729.68	652875.28, 4	0.000873309	0.000774041	1.64E-03	1.4E-07	1.2E-07	2.6E-07	2.2E-09	7.7E-08	1.6E-07	3.4E-11	4.7E-08	9.9E-08	1.5E-07

110	RES4_	652895.28	4219729.68	652895.28, 4	0.00093687	0.000787165	1.68E-03	1.5E-07	1.2E-07	2.7E-07	2.3E-09	7.8E-08	1.7E-07	3.6E-11	4.8E-08	1.0E-07	1.5E-07
111	RES4_	652915.28	4219729.68	652915.28, 4	0.001012102	0.000802832	1.74E-03	1.6E-07	1.3E-07	2.7E-07	2.5E-09	7.9E-08	1.7E-07	3.9E-11	4.9E-08	1.1E-07	1.5E-07
112	RES4_	652935.28	4219729.68	652935.28, 4	0.001100451	0.000822466	1.82E-03	1.7E-07	1.3E-07	2.9E-07	2.7E-09	8.1E-08	1.8E-07	4.3E-11	5.0E-08	1.1E-07	1.6E-07
113	RES4_	652955.28	4219729.68	652955.28, 4	0.001202362	0.000844625	1.92E-03	1.9E-07	1.3E-07	3.0E-07	3.0E-09	8.4E-08	1.9E-07	4.7E-11	5.1E-08	1.2E-07	1.7E-07
114	RES4_	652975.28	4219729.68	652975.28, 4	0.001316805	0.000868731	2.03E-03	2.1E-07	1.4E-07	3.2E-07	3.3E-09	8.6E-08	2.0E-07	5.1E-11	5.3E-08	1.2E-07	1.8E-07
115	RES4_	652995.28	4219729.68	652995.28, 4	0.001441652	0.000892496	2.15E-03	2.3E-07	1.4E-07	3.4E-07	3.6E-09	8.8E-08	2.1E-07	5.6E-11	5.4E-08	1.3E-07	1.8E-07
116	RES4_	653015.28	4219729.68	653015.28, 4	0.001573844	0.0009156	2.26E-03	2.5E-07	1.4E-07	3.6E-07	3.9E-09	9.1E-08	2.2E-07	6.1E-11	5.6E-08	1.4E-07	1.9E-07
117	RES4_	652875.28	4219749.68	652875.28, 4	0.000978951	0.000853402	1.80E-03	1.5E-07	1.3E-07	2.8E-07	2.4E-09	8.5E-08	1.8E-07	3.8E-11	5.2E-08	1.1E-07	1.6E-07
118	RES4_	652895.28	4219749.68	652895.28, 4	0.001055835	0.000867438	1.85E-03	1.7E-07	1.4E-07	2.9E-07	2.6E-09	8.6E-08	1.8E-07	4.1E-11	5.3E-08	1.1E-07	1.6E-07
119	RES4_	652915.28	4219749.68	652915.28, 4	0.001147321	0.000885084	1.92E-03	1.8E-07	1.4E-07	3.0E-07	2.8E-09	8.8E-08	1.9E-07	4.5E-11	5.4E-08	1.2E-07	1.7E-07
120	RES4_	652935.28	4219749.68	652935.28, 4	0.001255078	0.000907866	2.01E-03	2.0E-07	1.4E-07	3.2E-07	3.1E-09	9.0E-08	2.0E-07	4.9E-11	5.5E-08	1.2E-07	1.8E-07
121	RES4_	652955.28	4219749.68	652955.28, 4	0.001379167	0.00093345	2.13E-03	2.2E-07	1.5E-07	3.4E-07	3.4E-09	9.2E-08	2.1E-07	5.4E-11	5.7E-08	1.3E-07	1.9E-07
122	RES4_	652975.28	4219749.68	652975.28, 4	0.00151788	0.000961215	2.26E-03	2.4E-07	1.5E-07	3.6E-07	3.8E-09	9.5E-08	2.2E-07	5.9E-11	5.8E-08	1.4E-07	2.0E-07
123	RES4_	652995.28	4219749.68	652995.28, 4	0.001668028	0.000988479	2.40E-03	2.6E-07	1.6E-07	3.8E-07	4.1E-09	9.8E-08	2.4E-07	6.5E-11	6.0E-08	1.5E-07	2.1E-07
124	RES4_	653015.28	4219749.68	653015.28, 4	0.00182552	0.001013996	2.51E-03	2.9E-07	1.6E-07	4.0E-07	4.5E-09	1.0E-07	2.5E-07	7.1E-11	6.2E-08	1.5E-07	2.1E-07
125	RES4_	652875.28	4219769.68	652875.28, 4	0.001105262	0.000943768	1.98E-03	1.7E-07	1.5E-07	3.1E-07	2.7E-09	9.3E-08	2.0E-07	4.3E-11	5.7E-08	1.2E-07	1.8E-07
126	RES4_	652895.28	4219769.68	652895.28, 4	0.001199428	0.00095939	2.04E-03	1.9E-07	1.5E-07	3.2E-07	3.0E-09	9.5E-08	2.0E-07	4.7E-11	5.8E-08	1.2E-07	1.8E-07
127	RES4_	652915.28	4219769.68	652915.28, 4	0.001312189	0.000979985	2.12E-03	2.1E-07	1.5E-07	3.3E-07	3.2E-09	9.7E-08	2.1E-07	5.1E-11	5.9E-08	1.3E-07	1.9E-07
128	RES4_	652935.28	4219769.68	652935.28, 4	0.001445277	0.001007084	2.24E-03	2.3E-07	1.6E-07	3.5E-07	3.6E-09	1.0E-07	2.2E-07	5.6E-11	6.1E-08	1.4E-07	2.0E-07
129	RES4_	652955.28	4219769.68	652955.28, 4	0.001598143	0.001037256	2.38E-03	2.5E-07	1.6E-07	3.7E-07	4.0E-09	1.0E-07	2.4E-07	6.2E-11	6.3E-08	1.4E-07	2.1E-07
130	RES4_	652975.28	4219769.68	652975.28, 4	0.001767854	0.001069153	2.54E-03	2.8E-07	1.7E-07	4.0E-07	4.4E-09	1.1E-07	2.5E-07	6.9E-11	6.5E-08	1.5E-07	2.2E-07
131	RES4_	652995.28	4219769.68	652995.28, 4	0.001949772	0.001101242	2.69E-03	3.1E-07	1.7E-07	4.2E-07	4.8E-09	1.1E-07	2.7E-07	7.6E-11	6.7E-08	1.6E-07	2.3E-07
132	RES4_	653015.28	4219769.68	653015.28, 4	0.002138423	0.001129562	2.82E-03	3.4E-07	1.8E-07	4.4E-07	5.3E-09	1.1E-07	2.8E-07	8.3E-11	6.9E-08	1.7E-07	2.4E-07
133	RES4_	652875.28	4219789.68	652875.28, 4	0.001257744	0.001047162	2.19E-03	2.0E-07	1.6E-07	3.4E-07	3.1E-09	1.0E-07	2.2E-07	4.9E-11	6.4E-08	1.3E-07	2.0E-07
134	RES4_	652895.28	4219789.68	652895.28, 4	0.001374794	0.001065749	2.27E-03	2.2E-07	1.7E-07	3.6E-07	3.4E-09	1.1E-07	2.2E-07	5.3E-11	6.5E-08	1.4E-07	2.0E-07
135	RES4_	652915.28	4219789.68	652915.28, 4	0.001515847	0.001091855	2.37E-03	2.4E-07	1.7E-07	3.7E-07	3.8E-09	1.1E-07	2.3E-07	5.9E-11	6.6E-08	1.4E-07	2.1E-07
136	RES4_	652935.28	4219789.68	652935.28, 4	0.001682605	0.00112383	2.50E-03	2.7E-07	1.8E-07	3.9E-07	4.2E-09	1.1E-07	2.5E-07	6.5E-11	6.8E-08	1.5E-07	2.2E-07
137	RES4_	652955.28	4219789.68	652955.28, 4	0.001873357	0.001160098	2.67E-03	3.0E-07	1.8E-07	4.2E-07	4.6E-09	1.1E-07	2.6E-07	7.3E-11	7.0E-08	1.6E-07	2.3E-07
138	RES4_	652975.28	4219789.68	652975.28, 4	0.002083175	0.001198287	2.86E-03	3.3E-07	1.9E-07	4.5E-07	5.2E-09	1.2E-07	2.8E-07	8.1E-11	7.3E-08	1.7E-07	2.5E-07
139	RES4_	652995.28	4219789.68	652995.28, 4	0.002305265	0.00123402	3.04E-03	3.6E-07	1.9E-07	4.8E-07	5.7E-09	1.2E-07	3.0E-07	9.0E-11	7.5E-08	1.8E-07	2.6E-07
140	RES4_	653015.28	4219789.68	653015.28, 4	0.002532447	0.001267133	3.18E-03	4.0E-07	2.0E-07	5.0E-07	6.3E-09	1.3E-07	3.1E-07	9.9E-11	7.7E-08	1.9E-07	2.7E-07
141	RES4_	652875.28	4219809.68	652875.28, 4	0.001444062	0.001166301	2.44E-03	2.3E-07	1.8E-07	3.8E-07	3.6E-09	1.2E-07	2.4E-07	5.6E-11	7.1E-08	1.5E-07	2.2E-07
142	RES4_	652895.28	4219809.68	652895.28, 4	0.001591849	0.00118982	2.53E-03	2.5E-07	1.9E-07	4.0E-07	3.9E-09	1.2E-07	2.5E-07	6.2E-11	7.2E-08	1.5E-07	2.3E-07
143	RES4_	652915.28	4219809.68	652915.28, 4	0.001771303	0.001222973	2.66E-03	2.8E-07	1.9E-07	4.2E-07	4.4E-09	1.2E-07	2.6E-07	6.9E-11	7.4E-08	1.6E-07	2.4E-07
144	RES4_	652935.28	4219809.68	652935.28, 4	0.001983705	0.00126327	2.83E-03	3.1E-07	2.0E-07	4.5E-07	4.9E-09	1.3E-07	2.8E-07	7.7E-11	7.7E-08	1.7E-07	2.5E-07
145	RES4_	652955.28	4219809.68	652955.28, 4	0.002225058	0.001308092	3.03E-03	3.5E-07	2.1E-07	4.8E-07	5.5E-09	1.3E-07	3.0E-07	8.7E-11	7.9E-08	1.8E-07	2.6E-07
146	RES4_	652975.28	4219809.68	652975.28, 4	0.002487313	0.001354515	3.26E-03	3.9E-07	2.1E-07	5.1E-07	6.2E-09	1.3E-07	3.2E-07	9.7E-11	8.2E-08	2.0E-07	2.8E-07
147	RES4_	652995.28	4219809.68	652995.28, 4	0.002760712	0.0013973	3.46E-03	4.3E-07	2.2E-07	5.5E-07	6.8E-09	1.4E-07	3.4E-07	1.1E-10	8.5E-08	2.1E-07	2.9E-07
148	RES4_	653015.28	4219809.68	653015.28, 4	0.003035791	0.001433327	3.60E-03	4.8E-07	2.3E-07	5.7E-07	7.5E-09	1.4E-07	3.6E-07	1.2E-10	8.7E-08	2.2E-07	3.1E-07
149	RES4_	652875.28	4219829.68	652875.28, 4	0.001674869	0.001305367	2.73E-03	2.6E-07	2.1E-07	4.3E-07	4.1E-09	1.3E-07	2.7E-07	6.5E-11	7.9E-08	1.7E-07	2.5E-07
150	RES4_	652895.28	4219829.68	652895.28, 4	0.001864983	0.001336689	2.85E-03	2.9E-07	2.1E-07	4.5E-07	4.6E-09	1.3E-07	2.8E-07	7.3E-11	8.1E-08	1.7E-07	2.5E-07
151	RES4_	652915.28	4219829.68	652915.28, 4	0.002097774	0.001380326	3.01E-03	3.3E-07	2.2E-07	4.7E-07	5.2E-09	1.4E-07	3.0E-07	8.2E-11	8.4E-08	1.8E-07	2.7E-07
152	RES4_	652935.28	4219829.68	652935.28, 4	0.002373105	0.00143245	3.22E-03	3.7E-07	2.3E-07	5.1E-07	5.9E-09	1.4E-07	3.2E-07	9.2E-11	8.7E-08	2.0E-07	2.8E-07
153	RES4_	652955.28	4219829.68	652955.28, 4	0.002683055	0.001488705	3.47E-03	4.2E-07	2.3E-07	5.5E-07	6.6E-09	1.5E-07	3.4E-07	1.0E-10	9.0E-08	2.1E-07	3.0E-07
154	RES4_	652975.28	4219829.68	652975.28, 4	0.00301471	0.001544519	3.74E-03	4.7E-07	2.4E-07	5.9E-07	7.5E-09	1.5E-07	3.7E-07	1.2E-10	9.4E-08	2.3E-07	3.2E-07
155	RES4_	652995.28	4219829.68	652995.28, 4	0.003354033	0.001597116	3.97E-03	5.3E-07	2.5E-07	6.3E-07	8.3E-09	1.6E-07	3.9E-07	1.3E-10	9.7E-08	2.4E-07	3.4E-07
156	RES4_	653015.28	4219829.68	653015.28, 4	0.003688887	0.001634492	4.12E-03	5.8E-07	2.6E-07	6.5E-07	9.1E-09	1.6E-07	4.1E-07	1.4E-10	9.9E-08	2.5E-07	3.5E-07
157	RES4_	652875.28	4219849.68	652875.28, 4	0.001965747	0.001469852	3.09E-03	3.1E-07	2.3E-07	4.9E-07	4.9E-09	1.5E-07	3.1E-07	7.6E-11	8.9E-08	1.9E-07	2.8E-07
158	RES4_	652895.28	4219849.68	652895.28, 4	0.002215699	0.001513807	3.24E-03	3.5E-07	2.4E-07	5.1E-07	5.5E-09	1.5E-07	3.2E-07	8.6E-11	9.2E-08	2.0E-07	2.9E-07
159	RES4_	652915.28	4219849.68	652915.28, 4	0.002524425	0.001573121	3.44E-03	4.0E-07	2.5E-07	5.4E-07	6.2E-09	1.6E-07	3.4E-07	9.8E-11	9.5E-08	2.1E-07	3.0E-07
160	RES4_	652935.28	4219849.68	652935.28, 4	0.002888536	0.001642106	3.70E-03	4.6E-07	2.6E-07	5.8E-07	7.2E-09	1.6E-07	3.7E-07	1.1E-10	1.0E-07	2.2E-07	3.2E-07
161	RES4_	652955.28	4219849.68	652955.28, 4	0.003292898	0.001714454	4.02E-03	5.2E-07	2.7E-07	6.3E-07	8.2E-09	1.7E-07	4.0E-07	1.3E-10	1.0E-07	2.4E-07	3.5E-07
162	RES4_	652975.28	4219849.68	652975.28, 4	0.003717129	0.001782946	4.34E-03	5.9E-07	2.8E-07	6.8E-07	9.2E-09	1.8E-07	4.3E-07	1.4E-10	1.1E-07	2.6E-07	3.7E-07
163	RES4_	652995.28	4219849.68	652995.28, 4	0.004141593	0.001844764	4.60E-03	6.5E-07	2.9E-07	7.2E-07	1.0E-08	1.8E-07	4.6E-07	1.6E-10	1.1E-07	2.8E-07	3.9E-07
164	RES4_	653015.28	4219849.68	653015.28, 4	0.004550997	0.001885239	4.74E-03	7.2E-07	3.0E-07	7.5E-07	1.1E-08	1.9E-07	4.7E-07	1.8E-10	1.1E-07	2.9E-07	4.0E-07
165	RES5_	653396.88	4219710.6	653396.88, 4	0.002073541	0.000542442	1.40E-03	3.3E-07	8.5E-08	2.2E-07	5.1E-09	5.4E-08	1.4E-07	8.1E-11	3.3E-08	8.5E-08	1.2E-07
166	RES5_	653416.88	4219710.6	653416.88, 4	0.00199312	0.000517878	1.35E-03	3.1E-07	8.2E-08	2.1E-07	4.9E-09	5.1E-08	1.3E-07	7.8E-11	3.1E-08	8.2E-08	1.1E-07
167	RES5_	653436.88	4219710.6	653436.88, 4	0.001909448	0.000493958	1.30E-03	3.0E-07	7.8E-08	2.1E-07	4.7E-09	4.9E-08	1.3E-07	7.4E-11	3.0E-08	7.9E-08	1.1E-07
168	RES5_	653456.88	4219710.6	653456.88, 4	0.001824007	0.000471062	1.25E-03	2.9E-07	7.4E-08	2.0E-07	4.5E-09	4.7E-08	1.2E-07	7.1E-11	2.9E-08	7.6E-08	1.0E-07
169	RES5_	653476.88	4219710.6	653476.88, 4	0.00173805	0.000449006	1.20E-03	2.7E-07	7.1E-08	1.9E-07	4.3E-09	4.4E-08	1.2E-07	6.8E-11	2.7E-08	7.3E-08	1.0E-07
170	RES5_	653496.88	4219710.6	653496.88, 4	0.001652578	0.000428163	1.16E-03	2.6E-07	6.7E-08	1.8E-07	4.1E-09	4.2E-08	1.1E-07	6.4E-11	2.6E-08	7.0E-08	9.6E-08
171	RES5_	653516.88	4219710.6	653516.88, 4	0.001568457	0.000408152	1.11E-03	2.5E-07	6.4E-08	1.7E-07	3.9E-09	4.0E-08	1.1E-07	6.1E-11	2.5E-08	6.7E-08	9.2E-08
172	RES5_	653396.88	4219730.6	653396.88, 4	0.002243891	0.000560248	1.47E-03	3.5E-07	8.8E-08	2.3E-07	5.6E-09	5.5E-08	1.5E-07	8.7E-11	3.4E-08	8.9E-08	1.2E-07
173	RES5_	653416.88	4219730.6	653416.88, 4	0.002144091	0.000532695	1.41E-03	3.4E-07	8.4E-08	2.2E-07	5.3E-09	5.3E-08	1.4E-07	8.3E-11	3.2E-08	8.6E-08	1.2E-07
174	RES5_	653436.88	4219730.6	653436.88, 4	0.002042039	0.000506524	1.36E-03	3.2E-07	8.0E-08	2.1E-07	5.1E-09	5.0E-08	1.3E-07	7.9E-11	3.1E-08	8.2E-08	1.1E-07
175	RES5_	653456.88	4219730.6	653456.88, 4	0.001939472	0.000481544	1.30E-03	3.1E-07	7.6E-08	2.0E-07	4.8E-09	4.8E-08	1.3E-07	7.5E-11	2.9E-08	7.9E-08	1.1E-07
176	RES5_	653476.88	4219730.6	653476.88, 4	0.001837678	0.000457748	1.24E-03	2.9E-07	7.2E-08	2.0E-07	4.5E-09	4.5E-08	1.2E-07	7.1E-11	2.8E-08	7.6E-08	1.0E-07
177	RES5_	653496.88	4219730.6	653496.88, 4	0.001737848	0.000435306	1.19E-03	2.7E-07	6.9E-08	1.9E-07	4.3E-09	4.3E-08	1.2E-07	6.8E-11	2.6E-08	7.2E-08	9.9E-08
178	RES5_	653516.88	4219730.6	653516.88, 4	0.001640788	0.000414014	1.14E-03	2.6E-07	6.5E-08	1.8E-07	4.1E-09	4.1E-08	1.1E-07	6.4E-11	2.5E-08	6.9E-08	9.4E-08
179	RES5_	653396.88	4219750.6	653396.88, 4	0.002424381	0.000576497	1.54E-03	3.8E-07	9.1E-08	2.4E-07	6.0E-09	5.7E-08	1.5E-07	9.4E-11	3.5E-08	9.3E-08	1.3E-07
180	RES5_	653416.88	4219750.6	653416.88, 4	0.002301436	0.000546259	1.47E-03	3.6E-07	8.6E-08	2.3E-07	5.7E-09	5.4E-08	1.5E-07	9.0E-11	3.3E-08	8.9E-08	1.2E-07
181	RES5_	653436.88	4219750.6	653436.88, 4	0.002177881	0.000517611	1.41E-03	3.4E-07	8.2E-08	2.2E-07	5.4E-09	5.1E-08	1.4E-07	8.5E-11	3.1E-08	8.5E-08	1.2E-07
182	RES5_	653456.88	4219750.6	653456.88, 4	0.002055581	0.000490533	1.34E-03	3.2E-07	7.7E-08	2.1E-07	5.1E-09	4.9E-08	1.3E-07	8.0E-11	3.0E-08	8.2E-08	1.1E-07
183	RES5_	653476.88	4219750.6	653476.88, 4	0.001936018	0.000464998	1.28E-03	3.0E-07	7.3E-08	2.0E-07	4.8E-09	4.6E-08	1.3E-07	7.5E-11	2.8E-08	7.8E-08	1.1E-07
184	RES5_	653496.88	4219750.6	653496.88, 4	0.001820254	0.000440977	1.22E-03	2.9E-07	6.9E-08	1.9E-07	4.5E-09	4.4E-08	1.2E-07	7.1E-11	2.7E-08	7.4E-08	1.0E-07
185	RES5_	653516.88	4219750.6	653516.88, 4	0.001709223	0.000418621	1.17E-03	2.7E-07	6.6E-08	1.8E-07	4.2E-09	4.1E-08	1.2E-07	6.6E-11	2.5E-08	7.1E-08	9.6E-08
186	RES5_	653396.88	4219770.6	653396.88, 4	0.002613337	0.000591183	1.61E-03	4.1E-07	9.3E-08	2.5E-07	6.5E-09	5.9E-08	1.6E-07	1.0E-10	3.6E-08	9.7E-08	1.3E-07
187	RES5_	653416.88	4219770.6	653416.88, 4	0.002462998	0.000558219	1.53E-03	3.9E-07	8.8E-08	2.4E-07	6.1E-09	5.5E-08	1.5E-07	9.6E-11	3.4E-08	9.3E-08	1.3E-07
188	RES5_	653436.88	4219770.6	653436.88, 4	0.002314527	0.000527087	1.46E-03	3.6E-07	8.3E-08	2.3E-07	5.7E-09	5.2E-08	1.4E-07	9.0E-11	3.2E-08	8.8E-08	1.2E-07
189	RES5_	653456.88	4219770.6	653456.88, 4	0.002169887	0.000497923	1.38E-03	3.4E-07	7.8E-08	2.2E-07	5.4E-09	4.9E-08	1.4E-07	8.4E-11	3.0E-08	8.4E-08	1.1E-07
190	RES5_	653476.88	4219770.6	653476.88, 4	0.002030559	0.000470872	1.32E-03	3.2E-07	7.4E-08	2.1E-07	5.0E-09	4.7E-08	1.3E-07	7.9E-11	2.9E-08	8.0E-08	1.1E-07
191	RES5_	653496.88	4219770.6	653496.88, 4	0.001897605	0.000445688	1.25E-03	3.0E-07	7.0E-08	2.0E-07	4.7E-09	4.4E-08	1.2E-07	7.4E-11	2.7E-08	7.6E-08	1.0E-07
192	RES5_	653516.88	4219770.6	653516.88, 4	0.001771766	0.000422312	1.19E-03	2.8E-07	6.7E-08	1.9E-07	4.4E-09	4.2E-08	1.2E-07	6.9E-11	2.6E-08	7.2E-08	9.8E-08
193	RES5_	653476.88	4219790.6	653476.88, 4	0.002118372	0.000475313	1.35E-03	3.3E-07	7.5E-08	2.1E-07	5.2E-09	4.7E-08	1.3E-07	8.2E-11	2.9E-08	8.2E-08	1.1E-07
194	RES5_	653496.88	4219790.6	653496.88, 4	0.001967263	0.000449213	1.28E-03	3.1E-07	7.1E-08	2.0E-07	4.9E-09	4.4E-08	1.3E-07	7.7E-11	2.7E-08	7.8E-08	1.0E-07
195	RES5_	653516.88	4219790.6	653516.88, 4	0.00182623	0.00042488	1.21E-03	2.9E-07	6.7E-08	1.9E-07	4.5E-09	4.2E-08	1.2E-07	7.1E-11	2.6E-08	7.4E-08	9.9E-08
196	RES5_	653476.88	4219810.6	653476.88, 4	0.002196142	0.000478662	1.37E-03	3.5E-07	7.5E-08	2.2E-07	5.4E-09	4.7E-08	1.4E-07	8.5E-11	2.9E-08	8.3E-08	1.1E-07
197	RES5_	653496.88	4219810.6	653496.88, 4	0.002026459	0.000451537	1.30E-03	3.2E-07	7.1E-08	2.0E-07	5.0E-09	4.5E-08	1.3E-07	7.9E-11	2.7E-08	7.9E-08	1.1E-07
198	RES5_	653516.88	4219810.6	653516.88, 4	0.001870297	0.000426509	1.23E-03	2.9E-07	6.7E-08	1.9E-07	4.6E-09	4.2E-08	1.2E-07	7.3E-11	2.6E-08	7.5E-08	1.0E-07
199	RES5_	653476.88	4219830.6	653476.88, 4	0.002260133	0.000480729	1.40E-03	3.6E-07	7.6E-08	2.2E-07	5.6E-09	4.8E-08	1.4E-07	8.8E-11	2.9E-08	8.5E-08	1.1E-07
200	RES5_	653496.88	4219830.6	653496.88, 4	0.002072199	0.000452674	1.32E-03	3.3E-07	7.1E-08	2.1E-07	5.1E-09	4.5E-08	1.3E-07	8.1E-11	2.7E-08	8.0E-08	1.1E-07
201	RES5_	653516.88	4219830.6	653516.88, 4	0.001901712	0.000427222	1.25E-03	3.0E-07	6.7E-08	2.0E-07	4.7E-09	4.2E-08	1.2E-07	7.4E-11	2.6E-08	7.6E-08	1.0E-07
202	RES5_	653476.88	4219850.6	653476.88, 4	0.002306549	0.000481355	1.42E-03	3.6E-07	7.6E-08	2.2E-07	5.7E-09	4.8E-08	1.4E-07	9.0E-11	2.9E-08	8.6E-08	1.2E-07
203	RES5_	653496.88	4219850.6	653496.88, 4	0.002101747	0.000452847	1.33E-03	3.3E-07	7.1E-08	2.1E-07	5.2E-09	4.5E-08	1.3E-07	8.2E-11	2.7E-08	8.1E-08	1.1E-07
204	RES5_	653516.88	4219850.6	653516.88, 4	0.001918481	0.000426875	1.26E-03	3.0E-07	6.7E-08	2.0E-07	4.7E-09	4.2E-08	1.2E-07	7.5E-11	2.6E-08	7.6E-08	1.0E-07
205	RES5_	653476.88	4219870.6	653476.88, 4	0.002331976	0.000480601	1.43E-03	3.7E-07	7.6E-08	2.3E-07	5.8E-09	4.8E-08	1.4E-07	9.1E-11	2.9E-08	8.7E-08	1.2E-07
206	RES5_	653496.88	4219870.6	653496.88, 4	0.002112721	0.000451934	1.35E-03	3.3E-07	7.1E-08	2.1E-07	5.2E-09	4.5E-08	1.3E-07	8.2E-11	2.7E-08	8.2E-08	1.1E-07
207	RES5_	653516.88	4219870.6	653516.88, 4	0.001919154	0.000425725	1.27E-03	3.0E-07	6.7E-08	2.0E-07	4.8E-09	4.2E-08	1.3E-07	7.5E-11	2.6E-08	7.7E-08	1.0E-07
208	RES5_	653476.88	4219890.6	653476.88, 4	0.002333711	0.000479123	1.44E-03	3.7E-07	7.5E-08	2.3E-07	5.8E-09	4.7E-08	1.4E-07	9.1E-11	2.9E-08	8.7E-08	1.2E-07
209	RES5_	653496.88	4219890.6	653496.88, 4	0.00210364	0.000450217	1.35E-03	3.3E-07	7.1E-08	2.1E-07	5.2E-09	4.5E-08	1.3E-07	8.2E-11	2.7E-08	8.2E-08	1.1E-07
210	RES5_	653516.88	4219890.6	653516.88, 4	0.001902927	0.000424038	1.27E-03	3.0E-07	6.7E-08	2.0E-07	4.7E-09	4.2E-08	1.3E-07	7.4E-11	2.6E-08	7.7E-08	1.0E-07
211	SCH_	652096.56	4220162.55	652096.56, 4	0.000193019	0.000197487	4.97E-04	3.0E-08	3.1E-08	7.8E-08	4.8E-10	2.0E-08	4.9E-08	7.5E-12	1.2E-08	3.0E-08	4.2E-08
212	SCH_	652116.56	4220162.55	652116.56, 4	0.000201104	0.000206463	5.17E-04	3.2E-08	3.3E-08	8.2E-08	5.0E-10	2.0E-08	5.1E-08	7.8E-12	1.3E-08	3.1E-08	4.4E-08
213	SCH_	652136.56	4220162.55	652136.56, 4	0.000209834	0.000215901	5.40E-04	3.3E-08	3.4E-08	8.5E-08	5.2E-10	2.1E-08	5.3E-08	8.2E-12	1.3E-08	3.3E-08	4.6E-08
214	SCH_	652156.56	4220162.55	652156.56, 4	0.000219207	0.000226241	5.64E-04	3.5E-08	3.6E-08	8.9E-08	5.4E-10	2.2E-08	5.6E-08	8.5E-12	1.4E-08	3.4E-08	4.8E-08
215	SCH_	652176.56	4220162.55	652176.56, 4	0.000229321	0.00023737	5.89E-04	3.6E-08	3.7E-08	9.3E-08	5.7E-10	2.4E-08	5.8E-08	8.9E-12	1.4E-08	3.6E-08	5.0E-08
216	SCH_	652196.56	4220162.55	652196.56, 4	0.000240241	0.000249379	6.17E-04	3.8E-08	3.9E-08	9.7E-08	5.9E-10	2.5E-08	6.1E-08	9.3E-12	1.5E-08	3.7E-08	5.3E-08
217	SCH_	652216.56	4220162.55	652216.56, 4	0.000252094	0.000262368	6.47E-04	4.0E-08	4.1E-08	1.0E-07	6.2E-10	2.6E-08	6.4E-08	9.8E-12	1.6E-08	3.9E-08	5.5E-08
218	SCH_	652236.56	4220162.55	652236.56, 4	0.000264978	0.000276451	6.79E-04	4.2E-08	4.4E-08	1.1E-07	6.6E-10	2.7E-08	6.7E-08	1.0E-11	1.7E-08	4.1E-08	5.8E-08
219	SCH_	652256.56	4220162.55	652256.56, 4	0.000279021	0.000291755	7.14E-04	4.4E-08	4.6E-08	1.1E-07	6.9E-10	2.9E-08	7.1E-08	1.1E-11	1.8E-08	4.3E-08	6.1E-08
220	SCH_	652276.56	4220162.55	652276.56, 4	0.000294353	0.000308619	7.51E-04	4.6E-08	4.9E-08	1.2E-07	7.3E-10	3.1E-08	7.4E-08	1.1E-11	1.9E-08	4.6E-08	6.4E-08
221	SCH_	652296.56	4220162.55	652296.56, 4	0.000311167	0.000327032	7.93E-04	4.9E-08	5.2E-08	1.2E-07	7.7E-10	3.2E-08	7.8E-08	1.2E-11	2.0E-08	4.8E-08	6.8E-08
222	SCH_	652316.56	4220162.55	652316.56, 4	0.000329623	0.000347191	8.37E-04	5.2E-08	5.5E-08	1.3E-07	8.2E-10	3.4E-08	8.3E-08	1.3E-11	2.1E-08	5.1E-08	7.2E-08
223	SCH_	652336.56	4220162.55	652336.56, 4	0.000350011	0.000369328	8.86E-04	5.5E-08	5.8E-08	1.4E-07	8.7E-10	3.7E-08	8.8E-08	1.4E-11	2.2E-08	5.4E-08	7.6E-08
224	SCH_	652356.56	4220162.55	652356.56, 4	0.00037259	0.000393713	9.40E-04	5.9E-08	6.2E-08	1.5E-07	9.2E-10	3.9E-08	9.3E-08	1.4E-11	2.4E-08	5.7E-08	8.1E-08
225	SCH_	652376.56	4220162.55	652376.56, 4	0.000397681	0.000420851	9.99E-04	6.3E-08	6.6E-08	1.6E-07	9.8E-10	4.2E-08	9.9E-08	1.5E-11	2.6E-08	6.1E-08	8.6E-08
226	SCH_	652396.56	4220162.55	652396.56, 4	0.000425703	0.000450976	1.06E-03	6.7E-08	7.1E-08	1.7E-07	1.1E-09	4.5E-08	1.1E-07	1.7E-11	2.7E-08	6.5E-08	9.2E-08
227	SCH_	652416.56	4220162.55	652416.56, 4	0.000457106	0.000484642	1.14E-03	7.2E-08	7.6E-08	1.8E-07	1.1E-09	4.8E-08	1.1E-07	1.8E-11	2.9E-08	6.9E-08	9.8E-08
228	SCH_	652436.56	4220162.55	652436.56, 4	0.000492472	0.000522183	1.22E-03	7.8E-08	8.2E-08	1.9E-07	1.2E-09	5.2E-08	1.2E-07	1.9E-11	3.2E-08	7.4E-08	1.1E-07
229	SCH_	652456.56	4220162.55	652456.56, 4	0.000532572	0.000564423	1.31E-03	8.4E-08	8.9E-08	2.1E-07	1.3E-09	5.6E-08	1.3E-07	2.1E-11	3.4E-08	7.9E-08	1.1E-07
230	SCH_	652096.56	4220182.55	652096.56, 4	0.000195271	0.000198796	4.98E-04	3.1E-08	3.1E-08	7.9E-08	4.8E-10	2.0E-08	4.9E-08	7.6E-12	1.2E-08	3.0E-08	4.2E-08

231	SCH_	652116.56	4220182.55	652116.56, 4	0.000203549	0.000207643	5.19E-04	3.2E-08	3.3E-08	8.2E-08	5.0E-10	2.1E-08	5.1E-08	7.9E-12	1.3E-08	3.2E-08	4.4E-08
232	SCH_	652136.56	4220182.55	652136.56, 4	0.000212503	0.000217326	5.42E-04	3.3E-08	3.4E-08	8.5E-08	5.3E-10	2.2E-08	5.4E-08	8.3E-12	1.3E-08	3.3E-08	4.6E-08
233	SCH_	652156.56	4220182.55	652156.56, 4	0.000222102	0.000227541	5.66E-04	3.5E-08	3.6E-08	8.9E-08	5.5E-10	2.3E-08	5.6E-08	8.6E-12	1.4E-08	3.4E-08	4.8E-08
234	SCH_	652176.56	4220182.55	652176.56, 4	0.000232506	0.000238742	5.91E-04	3.7E-08	3.8E-08	9.3E-08	5.8E-10	2.4E-08	5.9E-08	9.0E-12	1.4E-08	3.6E-08	5.0E-08
235	SCH_	652196.56	4220182.55	652196.56, 4	0.000243747	0.000250814	6.19E-04	3.8E-08	4.0E-08	9.8E-08	6.0E-10	2.5E-08	6.1E-08	9.5E-12	1.5E-08	3.8E-08	5.3E-08
236	SCH_	652216.56	4220182.55	652216.56, 4	0.000255922	0.000263858	6.49E-04	4.0E-08	4.2E-08	1.0E-07	6.3E-10	2.6E-08	6.4E-08	1.0E-11	1.6E-08	3.9E-08	5.5E-08
237	SCH_	652236.56	4220182.55	652236.56, 4	0.000269159	0.000277988	6.81E-04	4.2E-08	4.4E-08	1.1E-07	6.7E-10	2.8E-08	6.7E-08	1.0E-11	1.7E-08	4.1E-08	5.8E-08
238	SCH_	652256.56	4220182.55	652256.56, 4	0.000283621	0.000293536	7.16E-04	4.5E-08	4.6E-08	1.1E-07	7.0E-10	2.9E-08	7.1E-08	1.1E-11	1.8E-08	4.3E-08	6.1E-08
239	SCH_	652276.56	4220182.55	652276.56, 4	0.000299435	0.00031026	7.54E-04	4.7E-08	4.9E-08	1.2E-07	7.4E-10	3.1E-08	7.5E-08	1.2E-11	1.9E-08	4.6E-08	6.5E-08
240	SCH_	652296.56	4220182.55	652296.56, 4	0.000316763	0.000328706	7.95E-04	5.0E-08	5.2E-08	1.3E-07	7.8E-10	3.3E-08	7.9E-08	1.2E-11	2.0E-08	4.8E-08	6.8E-08
241	SCH_	652316.56	4220182.55	652316.56, 4	0.000335831	0.00034888	8.40E-04	5.3E-08	5.5E-08	1.3E-07	8.3E-10	3.5E-08	8.3E-08	1.3E-11	2.1E-08	5.1E-08	7.2E-08
242	SCH_	652336.56	4220182.55	652336.56, 4	0.000356862	0.000371004	8.89E-04	5.6E-08	5.8E-08	1.4E-07	8.8E-10	3.7E-08	8.8E-08	1.4E-11	2.3E-08	5.4E-08	7.6E-08
243	SCH_	652356.56	4220182.55	652356.56, 4	0.000380181	0.000395551	9.42E-04	6.0E-08	6.2E-08	1.5E-07	9.4E-10	3.9E-08	9.3E-08	1.5E-11	2.4E-08	5.7E-08	8.1E-08
244	SCH_	652376.56	4220182.55	652376.56, 4	0.00040614	0.000422622	1.00E-03	6.4E-08	6.7E-08	1.6E-07	1.0E-09	4.2E-08	9.9E-08	1.6E-11	2.6E-08	6.1E-08	8.6E-08
245	SCH_	652396.56	4220182.55	652396.56, 4	0.000435127	0.000452546	1.07E-03	6.9E-08	7.1E-08	1.7E-07	1.1E-09	4.5E-08	1.1E-07	1.7E-11	2.7E-08	6.5E-08	9.2E-08
246	SCH_	652416.56	4220182.55	652416.56, 4	0.000467624	0.000485797	1.14E-03	7.4E-08	7.7E-08	1.8E-07	1.2E-09	4.8E-08	1.1E-07	1.8E-11	2.9E-08	6.9E-08	9.9E-08
247	SCH_	652436.56	4220182.55	652436.56, 4	0.000504276	0.000522976	1.22E-03	7.9E-08	8.2E-08	1.9E-07	1.2E-09	5.2E-08	1.2E-07	2.0E-11	3.2E-08	7.4E-08	1.1E-07
248	SCH_	652456.56	4220182.55	652456.56, 4	0.000545856	0.000564995	1.31E-03	8.6E-08	8.9E-08	2.1E-07	1.4E-09	5.6E-08	1.3E-07	2.1E-11	3.4E-08	8.0E-08	1.1E-07
249	SCH_	652476.56	4220182.55	652476.56, 4	0.000593298	0.000612438	1.41E-03	9.3E-08	9.6E-08	2.2E-07	1.5E-09	6.1E-08	1.4E-07	2.3E-11	3.7E-08	8.6E-08	1.2E-07
250	SCH_	652096.56	4220202.55	652096.56, 4	0.000197844	0.000199722	4.99E-04	3.1E-08	3.1E-08	7.9E-08	4.9E-10	2.0E-08	4.9E-08	7.7E-12	1.2E-08	3.0E-08	4.2E-08
251	SCH_	652116.56	4220202.55	652116.56, 4	0.00020638	0.000208602	5.20E-04	3.3E-08	3.3E-08	8.2E-08	5.1E-10	2.1E-08	5.2E-08	8.0E-12	1.3E-08	3.2E-08	4.4E-08
252	SCH_	652136.56	4220202.55	652136.56, 4	0.000215559	0.00021833	5.43E-04	3.4E-08	3.4E-08	8.5E-08	5.3E-10	2.2E-08	5.4E-08	8.4E-12	1.3E-08	3.3E-08	4.6E-08
253	SCH_	652156.56	4220202.55	652156.56, 4	0.000225448	0.000228575	5.67E-04	3.6E-08	3.6E-08	8.9E-08	5.6E-10	2.3E-08	5.6E-08	8.8E-12	1.4E-08	3.4E-08	4.8E-08
254	SCH_	652176.56	4220202.55	652176.56, 4	0.000236109	0.000239816	5.92E-04	3.7E-08	3.8E-08	9.3E-08	5.8E-10	2.4E-08	5.9E-08	9.2E-12	1.5E-08	3.6E-08	5.1E-08
255	SCH_	652196.56	4220202.55	652196.56, 4	0.000247671	0.000251923	6.20E-04	3.9E-08	4.0E-08	9.8E-08	6.1E-10	2.5E-08	6.1E-08	9.6E-12	1.5E-08	3.8E-08	5.3E-08
256	SCH_	652216.56	4220202.55	652216.56, 4	0.000260232	0.000265006	6.50E-04	4.1E-08	4.2E-08	1.0E-07	6.4E-10	2.6E-08	6.4E-08	1.0E-11	1.6E-08	3.9E-08	5.6E-08
257	SCH_	652236.56	4220202.55	652236.56, 4	0.000273888	0.000279173	6.82E-04	4.3E-08	4.4E-08	1.1E-07	6.8E-10	2.8E-08	6.8E-08	1.1E-11	1.7E-08	4.1E-08	5.8E-08
258	SCH_	652256.56	4220202.55	652256.56, 4	0.000288768	0.000294733	7.17E-04	4.5E-08	4.6E-08	1.1E-07	7.1E-10	2.9E-08	7.1E-08	1.1E-11	1.8E-08	4.3E-08	6.1E-08
259	SCH_	652276.56	4220202.55	652276.56, 4	0.000305065	0.000311458	7.54E-04	4.8E-08	4.9E-08	1.2E-07	7.6E-10	3.1E-08	7.5E-08	1.2E-11	1.9E-08	4.6E-08	6.5E-08
260	SCH_	652296.56	4220202.55	652296.56, 4	0.00032294	0.000329885	7.95E-04	5.1E-08	5.2E-08	1.3E-07	8.0E-10	3.3E-08	7.9E-08	1.3E-11	2.0E-08	4.8E-08	6.8E-08
261	SCH_	652316.56	4220202.55	652316.56, 4	0.000342618	0.000350018	8.40E-04	5.4E-08	5.5E-08	1.3E-07	8.5E-10	3.5E-08	8.3E-08	1.3E-11	2.1E-08	5.1E-08	7.2E-08
262	SCH_	652336.56	4220202.55	652336.56, 4	0.000364357	0.000372067	8.89E-04	5.7E-08	5.9E-08	1.4E-07	9.0E-10	3.7E-08	8.8E-08	1.4E-11	2.3E-08	5.4E-08	7.7E-08
263	SCH_	652356.56	4220202.55	652356.56, 4	0.000388448	0.00039648	9.42E-04	6.1E-08	6.2E-08	1.5E-07	9.6E-10	3.9E-08	9.3E-08	1.5E-11	2.4E-08	5.7E-08	8.1E-08
264	SCH_	652376.56	4220202.55	652376.56, 4	0.000415276	0.000423378	1.00E-03	6.5E-08	6.7E-08	1.6E-07	1.0E-09	4.2E-08	9.9E-08	1.6E-11	2.6E-08	6.1E-08	8.6E-08
265	SCH_	652396.56	4220202.55	652396.56, 4	0.000445227	0.000453062	1.07E-03	7.0E-08	7.1E-08	1.7E-07	1.1E-09	4.5E-08	1.1E-07	1.7E-11	2.7E-08	6.5E-08	9.2E-08
266	SCH_	652416.56	4220202.55	652416.56, 4	0.000478883	0.00048596	1.14E-03	7.5E-08	7.7E-08	1.8E-07	1.2E-09	4.8E-08	1.1E-07	1.9E-11	2.9E-08	6.9E-08	9.9E-08
267	SCH_	652436.56	4220202.55	652436.56, 4	0.000516789	0.000522735	1.22E-03	8.1E-08	8.2E-08	1.9E-07	1.3E-09	5.2E-08	1.2E-07	2.0E-11	3.2E-08	7.4E-08	1.1E-07
268	SCH_	652456.56	4220202.55	652456.56, 4	0.000559816	0.000564149	1.31E-03	8.8E-08	8.9E-08	2.1E-07	1.4E-09	5.6E-08	1.3E-07	2.2E-11	3.4E-08	7.9E-08	1.1E-07
269	SCH_	652476.56	4220202.55	652476.56, 4	0.00060893	0.000611001	1.41E-03	9.6E-08	9.6E-08	2.2E-07	1.5E-09	6.1E-08	1.4E-07	2.4E-11	3.7E-08	8.6E-08	1.2E-07
270	SCH_	652096.56	4220222.55	652096.56, 4	0.000200772	0.000200273	4.99E-04	3.2E-08	3.2E-08	7.9E-08	5.0E-10	2.0E-08	4.9E-08	7.8E-12	1.2E-08	3.0E-08	4.2E-08
271	SCH_	652116.56	4220222.55	652116.56, 4	0.000209533	0.000209365	5.20E-04	3.3E-08	3.3E-08	8.2E-08	5.2E-10	2.1E-08	5.2E-08	8.2E-12	1.3E-08	3.2E-08	4.4E-08
272	SCH_	652136.56	4220222.55	652136.56, 4	0.00021897	0.000218925	5.43E-04	3.4E-08	3.4E-08	8.5E-08	5.4E-10	2.2E-08	5.4E-08	8.5E-12	1.3E-08	3.3E-08	4.6E-08
273	SCH_	652156.56	4220222.55	652156.56, 4	0.000229147	0.000229382	5.67E-04	3.6E-08	3.6E-08	8.9E-08	5.7E-10	2.3E-08	5.6E-08	8.9E-12	1.4E-08	3.4E-08	4.8E-08
274	SCH_	652176.56	4220222.55	652176.56, 4	0.00024013	0.000240639	5.92E-04	3.8E-08	3.8E-08	9.3E-08	5.9E-10	2.4E-08	5.9E-08	9.3E-12	1.5E-08	3.6E-08	5.1E-08
275	SCH_	652196.56	4220222.55	652196.56, 4	0.000252014	0.000252746	6.20E-04	4.0E-08	4.0E-08	9.8E-08	6.2E-10	2.5E-08	6.1E-08	9.8E-12	1.5E-08	3.8E-08	5.3E-08
276	SCH_	652216.56	4220222.55	652216.56, 4	0.000264929	0.000265828	6.49E-04	4.2E-08	4.2E-08	1.0E-07	6.6E-10	2.6E-08	6.4E-08	1.0E-11	1.6E-08	3.9E-08	5.6E-08
277	SCH_	652236.56	4220222.55	652236.56, 4	0.000279003	0.000279983	6.81E-04	4.4E-08	4.4E-08	1.1E-07	6.9E-10	2.8E-08	6.7E-08	1.1E-11	1.7E-08	4.1E-08	5.8E-08
278	SCH_	652256.56	4220222.55	652256.56, 4	0.000294334	0.000295332	7.16E-04	4.6E-08	4.7E-08	1.1E-07	7.3E-10	2.9E-08	7.1E-08	1.1E-11	1.8E-08	4.3E-08	6.1E-08
279	SCH_	652276.56	4220222.55	652276.56, 4	0.000311113	0.000312204	7.53E-04	4.9E-08	4.9E-08	1.2E-07	7.7E-10	3.1E-08	7.5E-08	1.2E-11	1.9E-08	4.6E-08	6.5E-08
280	SCH_	652296.56	4220222.55	652296.56, 4	0.000329535	0.000330581	7.94E-04	5.2E-08	5.2E-08	1.3E-07	8.2E-10	3.3E-08	7.9E-08	1.3E-11	2.0E-08	4.8E-08	6.8E-08
281	SCH_	652316.56	4220222.55	652316.56, 4	0.000349856	0.000350618	8.38E-04	5.5E-08	5.5E-08	1.3E-07	8.7E-10	3.5E-08	8.3E-08	1.4E-11	2.1E-08	5.1E-08	7.2E-08
282	SCH_	652336.56	4220222.55	652336.56, 4	0.000372271	0.000372536	8.87E-04	5.9E-08	5.9E-08	1.4E-07	9.2E-10	3.7E-08	8.8E-08	1.4E-11	2.3E-08	5.4E-08	7.6E-08
283	SCH_	652356.56	4220222.55	652356.56, 4	0.000397133	0.000396769	9.40E-04	6.3E-08	6.3E-08	1.5E-07	9.8E-10	3.9E-08	9.3E-08	1.5E-11	2.4E-08	5.7E-08	8.1E-08
284	SCH_	652376.56	4220222.55	652376.56, 4	0.000424798	0.000423216	9.99E-04	6.7E-08	6.7E-08	1.6E-07	1.1E-09	4.2E-08	9.9E-08	1.7E-11	2.6E-08	6.1E-08	8.6E-08
285	SCH_	652396.56	4220222.55	652396.56, 4	0.000455714	0.00045277	1.06E-03	7.2E-08	7.1E-08	1.7E-07	1.1E-09	4.5E-08	1.1E-07	1.8E-11	2.7E-08	6.5E-08	9.2E-08
286	SCH_	652416.56	4220222.55	652416.56, 4	0.000490463	0.000485282	1.14E-03	7.7E-08	7.6E-08	1.8E-07	1.2E-09	4.8E-08	1.1E-07	1.9E-11	2.9E-08	6.9E-08	9.8E-08
287	SCH_	652436.56	4220222.55	652436.56, 4	0.000529592	0.000521499	1.21E-03	8.3E-08	8.2E-08	1.9E-07	1.3E-09	5.2E-08	1.2E-07	2.1E-11	3.2E-08	7.4E-08	1.1E-07
288	SCH_	652456.56	4220222.55	652456.56, 4	0.000574034	0.000562159	1.30E-03	9.0E-08	8.9E-08	2.1E-07	1.4E-09	5.6E-08	1.3E-07	2.2E-11	3.4E-08	7.9E-08	1.1E-07
289	SCH_	652476.56	4220222.55	652476.56, 4	0.000624723	0.000608206	1.41E-03	9.8E-08	9.6E-08	2.2E-07	1.5E-09	6.0E-08	1.4E-07	2.4E-11	3.7E-08	8.5E-08	1.2E-07
290	SCH_	652096.56	4220242.55	652096.56, 4	0.00020399	0.000200847	4.99E-04	3.2E-08	3.2E-08	7.9E-08	5.0E-10	2.0E-08	4.9E-08	7.9E-12	1.2E-08	3.0E-08	4.2E-08
291	SCH_	652116.56	4220242.55	652116.56, 4	0.000212975	0.000209764	5.20E-04	3.4E-08	3.3E-08	8.2E-08	5.3E-10	2.1E-08	5.1E-08	8.3E-12	1.3E-08	3.2E-08	4.4E-08
292	SCH_	652136.56	4220242.55	652136.56, 4	0.00022267	0.000219517	5.42E-04	3.5E-08	3.5E-08	8.5E-08	5.5E-10	2.2E-08	5.4E-08	8.7E-12	1.3E-08	3.3E-08	4.6E-08
293	SCH_	652156.56	4220242.55	652156.56, 4	0.000233137	0.000229978	5.66E-04	3.7E-08	3.6E-08	8.9E-08	5.8E-10	2.3E-08	5.6E-08	9.1E-12	1.4E-08	3.4E-08	4.8E-08
294	SCH_	652176.56	4220242.55	652176.56, 4	0.000244409	0.000241032	5.91E-04	3.9E-08	3.8E-08	9.3E-08	6.1E-10	2.4E-08	5.9E-08	9.5E-12	1.5E-08	3.6E-08	5.1E-08
295	SCH_	652196.56	4220242.55	652196.56, 4	0.000256647	0.000253137	6.19E-04	4.0E-08	4.0E-08	9.7E-08	6.4E-10	2.5E-08	6.1E-08	1.0E-11	1.5E-08	3.8E-08	5.3E-08
296	SCH_	652216.56	4220242.55	652216.56, 4	0.000269916	0.000266196	6.48E-04	4.3E-08	4.2E-08	1.0E-07	6.7E-10	2.6E-08	6.4E-08	1.1E-11	1.6E-08	3.9E-08	5.5E-08
297	SCH_	652236.56	4220242.55	652236.56, 4	0.000284376	0.000280503	6.80E-04	4.5E-08	4.4E-08	1.1E-07	7.0E-10	2.8E-08	6.7E-08	1.1E-11	1.7E-08	4.1E-08	5.8E-08
298	SCH_	652256.56	4220242.55	652256.56, 4	0.000300157	0.000295799	7.14E-04	4.7E-08	4.7E-08	1.1E-07	7.4E-10	2.9E-08	7.1E-08	1.2E-11	1.8E-08	4.3E-08	6.1E-08
299	SCH_	652276.56	4220242.55	652276.56, 4	0.000317451	0.000312593	7.51E-04	5.0E-08	4.9E-08	1.2E-07	7.9E-10	3.1E-08	7.4E-08	1.2E-11	1.9E-08	4.6E-08	6.5E-08
300	SCH_	652296.56	4220242.55	652296.56, 4	0.000336419	0.000330664	7.92E-04	5.3E-08	5.2E-08	1.2E-07	8.3E-10	3.3E-08	7.8E-08	1.3E-11	2.0E-08	4.8E-08	6.8E-08
301	SCH_	652316.56	4220242.55	652316.56, 4	0.000357288	0.000350562	8.36E-04	5.6E-08	5.5E-08	1.3E-07	8.8E-10	3.5E-08	8.3E-08	1.4E-11	2.1E-08	5.1E-08	7.2E-08
302	SCH_	652336.56	4220242.55	652336.56, 4	0.000380378	0.000372488	8.84E-04	6.0E-08	5.9E-08	1.4E-07	9.4E-10	3.7E-08	8.8E-08	1.5E-11	2.3E-08	5.4E-08	7.6E-08
303	SCH_	652356.56	4220242.55	652356.56, 4	0.00040598	0.000396317	9.37E-04	6.4E-08	6.2E-08	1.5E-07	1.0E-09	3.9E-08	9.3E-08	1.6E-11	2.4E-08	5.7E-08	8.1E-08
304	SCH_	652376.56	4220242.55	652376.56, 4	0.000434448	0.000422654	9.95E-04	6.8E-08	6.7E-08	1.6E-07	1.1E-09	4.2E-08	9.9E-08	1.7E-11	2.6E-08	6.0E-08	8.6E-08
305	SCH_	652396.56	4220242.55	652396.56, 4	0.000466298	0.00045164	1.06E-03	7.3E-08	7.1E-08	1.7E-07	1.2E-09	4.5E-08	1.0E-07	1.8E-11	2.7E-08	6.4E-08	9.2E-08
306	SCH_	652416.56	4220242.55	652416.56, 4	0.000502011	0.000483831	1.13E-03	7.9E-08	7.6E-08	1.8E-07	1.2E-09	4.8E-08	1.1E-07	2.0E-11	2.9E-08	6.9E-08	9.8E-08
307	SCH_	652436.56	4220242.55	652436.56, 4	0.000542298	0.000519411	1.21E-03	8.5E-08	8.2E-08	1.9E-07	1.3E-09	5.1E-08	1.2E-07	2.1E-11	3.2E-08	7.3E-08	1.0E-07
308	SCH_	652456.56	4220242.55	652456.56, 4	0.000587994	0.00055941	1.30E-03	9.3E-08	8.8E-08	2.0E-07	1.5E-09	5.5E-08	1.3E-07	2.3E-11	3.4E-08	7.9E-08	1.1E-07
309	SCH_	652476.56	4220242.55	652476.56, 4	0.000640066	0.000604382	1.40E-03	1.0E-07	9.5E-08	2.2E-07	1.6E-09	6.0E-08	1.4E-07	2.5E-11	3.7E-08	8.5E-08	1.2E-07
310	SCH_	652096.56	4220262.55	652096.56, 4	0.0002074	0.000201258	4.98E-04	3.3E-08	3.2E-08	7.8E-08	5.1E-10	2.0E-08	4.9E-08	8.1E-12	1.2E-08	3.0E-08	4.2E-08
311	SCH_	652116.56	4220262.55	652116.56, 4	0.000216643	0.000210171	5.19E-04	3.4E-08	3.3E-08	8.2E-08	5.4E-10	2.1E-08	5.1E-08	8.4E-12	1.3E-08	3.1E-08	4.4E-08
312	SCH_	652136.56	4220262.55	652136.56, 4	0.000226563	0.000219916	5.41E-04	3.6E-08	3.5E-08	8.5E-08	5.6E-10	2.2E-08	5.4E-08	8.8E-12	1.3E-08	3.3E-08	4.6E-08
313	SCH_	652156.56	4220262.55	652156.56, 4	0.000237287	0.000230169	5.64E-04	3.7E-08	3.6E-08	8.9E-08	5.9E-10	2.3E-08	5.6E-08	9.2E-12	1.4E-08	3.4E-08	4.8E-08
314	SCH_	652176.56	4220262.55	652176.56, 4	0.000248881	0.000241395	5.90E-04	3.9E-08	3.8E-08	9.3E-08	6.2E-10	2.4E-08	5.8E-08	9.7E-12	1.5E-08	3.6E-08	5.0E-08
315	SCH_	652196.56	4220262.55	652196.56, 4	0.000261441	0.000253468	6.17E-04	4.1E-08	4.0E-08	9.7E-08	6.5E-10	2.5E-08	6.1E-08	1.0E-11	1.5E-08	3.7E-08	5.3E-08
316	SCH_	652216.56	4220262.55	652216.56, 4	0.000275063	0.000266479	6.46E-04	4.3E-08	4.2E-08	1.0E-07	6.8E-10	2.6E-08	6.4E-08	1.1E-11	1.6E-08	3.9E-08	5.5E-08
317	SCH_	652236.56	4220262.55	652236.56, 4	0.00028991	0.000280535	6.78E-04	4.6E-08	4.4E-08	1.1E-07	7.2E-10	2.8E-08	6.7E-08	1.1E-11	1.7E-08	4.1E-08	5.8E-08
318	SCH_	652256.56	4220262.55	652256.56, 4	0.000306108	0.000295934	7.12E-04	4.8E-08	4.7E-08	1.1E-07	7.6E-10	2.9E-08	7.0E-08	1.2E-11	1.8E-08	4.3E-08	6.1E-08
319	SCH_	652276.56	4220262.55	652276.56, 4	0.000323853	0.000312432	7.49E-04	5.1E-08	4.9E-08	1.2E-07	8.0E-10	3.1E-08	7.4E-08	1.3E-11	1.9E-08	4.5E-08	6.4E-08
320	SCH_	652296.56	4220262.55	652296.56, 4	0.000343304	0.00033055	7.89E-04	5.4E-08	5.2E-08	1.2E-07	8.5E-10	3.3E-08	7.8E-08	1.3E-11	2.0E-08	4.8E-08	6.8E-08
321	SCH_	652316.56	4220262.55	652316.56, 4	0.000364751	0.00035027	8.33E-04	5.7E-08	5.5E-08	1.3E-07	9.0E-10	3.5E-08	8.2E-08	1.4E-11	2.1E-08	5.1E-08	7.2E-08
322	SCH_	652336.56	4220262.55	652336.56, 4	0.000388453	0.000371781	8.80E-04	6.1E-08	5.9E-08	1.4E-07	9.6E-10	3.7E-08	8.7E-08	1.5E-11	2.3E-08	5.3E-08	7.6E-08
323	SCH_	652356.56	4220262.55	652356.56, 4	0.00041473	0.000395493	9.33E-04	6.5E-08	6.2E-08	1.5E-07	1.0E-09	3.9E-08	9.2E-08	1.6E-11	2.4E-08	5.7E-08	8.1E-08
324	SCH_	652376.56	4220262.55	652376.56, 4	0.00044397	0.00042147	9.91E-04	7.0E-08	6.6E-08	1.6E-07	1.1E-09	4.2E-08	9.8E-08	1.7E-11	2.6E-08	6.0E-08	8.6E-08
325	SCH_	652396.56	4220262.55	652396.56, 4	0.000476656	0.00045001	1.05E-03	7.5E-08	7.1E-08	1.7E-07	1.2E-09	4.5E-08	1.0E-07	1.9E-11	2.7E-08	6.4E-08	9.1E-08
326	SCH_	652416.56	4220262.55	652416.56, 4	0.000513302	0.000481457	1.12E-03	8.1E-08	7.6E-08	1.8E-07	1.3E-09	4.8E-08	1.1E-07	2.0E-11	2.9E-08	6.8E-08	9.8E-08
327	SCH_	652436.56	4220262.55	652436.56, 4	0.000554585	0.000516439	1.20E-03	8.7E-08	8.1E-08	1.9E-07	1.4E-09	5.1E-08	1.2E-07	2.2E-11	3.1E-08	7.3E-08	1.0E-07
328	SCH_	652456.56	4220262.55	652456.56, 4	0.000601374	0.000555735	1.29E-03	9.5E-08	8.8E-08	2.0E-07	1.5E-09	5.5E-08	1.3E-07	2.3E-11	3.4E-08	7.8E-08	1.1E-07
329	SCH_	652476.56	4220262.55	652476.56, 4	0.000654604	0.000599594	1.39E-03	1.0E-07	9.4E-08	2.2E-07	1.6E-09	5.9E-08	1.4E-07	2.5E-11	3.6E-08	8.4E-08	1.2E-07
330	SCH_	652096.56	4220282.55	652096.56, 4	0.000210907	0.000201336	4.97E-04	3.3E-08	3.2E-08	7.8E-08	5.2E-10	2.0E-08	4.9E-08	8.2E-12	1.2E-08	3.0E-08	4.2E-08
331	SCH_	652116.56	4220282.55	652116.56, 4	0.000220375	0.000210424	5.17E-04	3.5E-08	3.3E-08	8.1E-08	5.5E-10	2.1E-08	5.1E-08	8.6E-12	1.3E-08	3.1E-08	4.4E-08
332	SCH_	652136.56	4220282.55	652136.56, 4	0.000230552	0.000219956	5.39E-04	3.6E-08	3.5E-08	8.5E-08	5.7E-10	2.2E-08	5.3E-08	9.0E-12	1.3E-08	3.3E-08	4.6E-08
333	SCH_	652156.56	4220282.55	652156.56, 4	0.000241534	0.000230366	5.62E-04	3.8E-08	3.6E-08	8.9E-08	6.0E-10	2.3E-08	5.6E-08	9.4E-12	1.4E-08	3.4E-08	4.8E-08
334	SCH_	652176.56	4220282.55	652176.56, 4	0.000253385	0.000241554	5.87E-04	4.0E-08	3.8E-08	9.3E-08	6.3E-10	2.4E-08	5.8E-08	9.9E-12	1.5E-08	3.6E-08	5.0E-08
335	SCH_	652196.56	4220282.55	652196.56, 4	0.000266235	0.000253574	6.14E-04	4.2E-08	4.0E-08	9.7E-08	6.6E-10	2.5E-08	6.1E-08	1.0E-11	1.5E-08	3.7E-08	5.3E-08
336	SCH_	652216.56	4220282.55	652216.56, 4	0.000280211	0.00026652	6.43E-04	4.4E-08	4.2E-08	1.0E-07	6.9E-10	2.6E-08	6.4E-08	1.1E-11	1.6E-08	3.9E-08	5.5E-08
337	SCH_	652236.56	4220282.55	652236.56, 4	0.000295411	0.000280488	6.75E-04	4.7E-08	4.4E-08	1.1E-07	7.3E-10	2.8E-08	6.7E-08	1.1E-11	1.7E-08	4.1E-08	5.8E-08
338	SCH_	652256.56	4220282.55	652256.56, 4	0.000311996	0.00029559	7.09E-04	4.9E-08	4.7E-08	1.1E-07	7.7E-10	2.9E-08	7.0E-08	1.2E-11	1.8E-08	4.3E-08	6.1E-08
339	SCH_	652276.56	4220282.55	652276.56, 4	0.000330158	0.000312136	7.45E-04	5.2E-08	4.9E-08	1.2E-07	8.2E-10	3.1E-08	7.4E-08	1.3E-11	1.9E-08	4.5E-08	6.4E-08
340	SCH_	652296.56	4220282.55	652296.56, 4	0.000350092	0.00033008	7.85E-04	5.5E-08	5.2E-08	1.2E-07	8.7E-10	3.3E-08	7.8E-08	1.4E-11	2.0E-08	4.8E-08	6.8E-08
341	SCH_	652316.56	4220282.55	652316.56, 4	0.000372054	0.000349581	8.29E-04	5.9E-08	5.5E-08	1.3E-07	9.2E-10	3.5E-08	8.2E-08	1.4E-11	2.1E-08	5.0E-08	7.2E-08
342	SCH_	652336.56	4220282.55	652336.56, 4	0.000396334	0.000370821	8.76E-04	6.2E-08	5.8E-08	1.4E-07	9.8E-10	3.7E-08	8.7E-08	1.5E-11	2.3E-08	5.3E-08	7.6E-08
343	SCH_	652356.56	4220282.55	652356.56, 4	0.000423223	0.000394011	9.28E-04	6.7E-08	6.2E-08	1.5E-07	1.0E-09	3.9E-08	9.2E-08	1.6E-11	2.4E-08	5.6E-08	8.0E-08
344	SCH_	652376.56	4220282.55	652376.56, 4	0.00045317	0.000419577	9.86E-04	7.1E-08	6.6E-08	1.6E-07	1.1E-09	4.2E-08	9.8E-08	1.8E-11	2.5E-08	6.0E-08	8.5E-08
345	SCH_	652396.56	4220282.55	652396.56, 4	0.000486595	0.000447609	1.05E-03	7.7E-08	7.1E-08	1.7E-07	1.2E-09	4.4E-08	1.0E-07	1.9E-11	2.7E-08	6.4E-08	9.1E-08
346	SCH_	652416.56	4220282.55	652416.56, 4	0.000524045	0.000478616	1.12E-03	8.3E-08	7.5E-08	1.8E-07	1.3E-09	4.7E-08	1.1E-07	2.0E-11	2.9E-08	6.8E-08	9.7E-08
347	SCH_	652436.56	4220282.55	652436.56, 4	0.000566229	0.000512883	1.20E-03	8.9E-08	8.1E-08	1.9E-07	1.4E-09	5.1E-08	1.2E-07	2.2E-11	3.1E-08	7.3E-08	1.0E-07
348	SCH_	652456.56	4220282.55	652456.56, 4	0.000613918	0.000551283	1.28E-03	9.7E-08	8.7E-08	2.0E-07	1.5E-09	5.5E-08	1.3E-07	2.4E-11	3.3E-08	7.8E-08	1.1E-07
349	SCH_	652476.56	4220282.55	652476.56, 4	0.000668047	0.000594177	1.38E-03	1.1E-07	9.4E-08	2.2E-07	1.7E-09	5.9E-08	1.4E-07	2.6E-11	3.6E-08	8.4E-08	1.2E-07
350	SCH_	652096.56	4220302.55	652096.56, 4	0.000214446	0.000201451	4.95E-04	3.4E-08	3.2E-08	7.8E-08	5.3E-10	2.0E-08	4.9E-08	8.3E-12	1.2E-08	3.0E-08	4.2E-08
351	SCH_	652116.56	4220302.55	652116.56, 4	0.000224108	0.000210333	5.15E-04	3.5E-08	3.3E-08	8.1E-08	5.5E-10	2.1E-08	5.1E-08	8.7E-12	1.3E-08	3.1E-08	4.4E-08

352	SCH_	652136.56	4220302.55	652136.56, 4	0.00023451	0.000220027	5.37E-04	3.7E-08	3.5E-08	8.5E-08	5.8E-10	2.2E-08	5.3E-08	9.1E-12	1.3E-08	3.3E-08	4.6E-08
353	SCH_	652156.56	4220302.55	652156.56, 4	0.000245717	0.000230208	5.60E-04	3.9E-08	3.6E-08	8.8E-08	6.1E-10	2.3E-08	5.5E-08	9.6E-12	1.4E-08	3.4E-08	4.8E-08
354	SCH_	652176.56	4220302.55	652176.56, 4	0.000257857	0.000241344	5.85E-04	4.1E-08	3.8E-08	9.2E-08	6.4E-10	2.4E-08	5.8E-08	1.0E-11	1.5E-08	3.6E-08	5.0E-08
355	SCH_	652196.56	4220302.55	652196.56, 4	0.000270996	0.000253294	6.12E-04	4.3E-08	4.0E-08	9.6E-08	6.7E-10	2.5E-08	6.1E-08	1.1E-11	1.5E-08	3.7E-08	5.3E-08
356	SCH_	652216.56	4220302.55	652216.56, 4	0.000285262	0.000266153	6.41E-04	4.5E-08	4.2E-08	1.0E-07	7.1E-10	2.6E-08	6.3E-08	1.1E-11	1.6E-08	3.9E-08	5.5E-08
357	SCH_	652236.56	4220302.55	652236.56, 4	0.000300784	0.000280002	6.72E-04	4.7E-08	4.4E-08	1.1E-07	7.4E-10	2.8E-08	6.7E-08	1.2E-11	1.7E-08	4.1E-08	5.8E-08
358	SCH_	652256.56	4220302.55	652256.56, 4	0.000317722	0.000295143	7.05E-04	5.0E-08	4.6E-08	1.1E-07	7.9E-10	2.9E-08	7.0E-08	1.2E-11	1.8E-08	4.3E-08	6.1E-08
359	SCH_	652276.56	4220302.55	652276.56, 4	0.000336303	0.000311331	7.42E-04	5.3E-08	4.9E-08	1.2E-07	8.3E-10	3.1E-08	7.3E-08	1.3E-11	1.9E-08	4.5E-08	6.4E-08
360	SCH_	652296.56	4220302.55	652296.56, 4	0.000356686	0.000329065	7.82E-04	5.6E-08	5.2E-08	1.2E-07	8.8E-10	3.3E-08	7.7E-08	1.4E-11	2.0E-08	4.7E-08	6.7E-08
361	SCH_	652316.56	4220302.55	652316.56, 4	0.000379131	0.000348308	8.25E-04	6.0E-08	5.5E-08	1.3E-07	9.4E-10	3.4E-08	8.2E-08	1.5E-11	2.1E-08	5.0E-08	7.1E-08
362	SCH_	652336.56	4220302.55	652336.56, 4	0.000403894	0.000369234	8.72E-04	6.4E-08	5.8E-08	1.4E-07	1.0E-09	3.7E-08	8.6E-08	1.6E-11	2.2E-08	5.3E-08	7.5E-08
363	SCH_	652356.56	4220302.55	652356.56, 4	0.000431393	0.000392225	9.24E-04	6.8E-08	6.2E-08	1.5E-07	1.1E-09	3.9E-08	9.1E-08	1.7E-11	2.4E-08	5.6E-08	8.0E-08
364	SCH_	652376.56	4220302.55	652376.56, 4	0.00046192	0.000417317	9.81E-04	7.3E-08	6.6E-08	1.5E-07	1.1E-09	4.1E-08	9.7E-08	1.8E-11	2.5E-08	6.0E-08	8.5E-08
365	SCH_	652396.56	4220302.55	652396.56, 4	0.00049602	0.000444813	1.04E-03	7.8E-08	7.0E-08	1.6E-07	1.2E-09	4.4E-08	1.0E-07	1.9E-11	2.7E-08	6.3E-08	9.0E-08
366	SCH_	652416.56	4220302.55	652416.56, 4	0.000534145	0.000475058	1.11E-03	8.4E-08	7.5E-08	1.8E-07	1.3E-09	4.7E-08	1.1E-07	2.1E-11	2.9E-08	6.8E-08	9.6E-08
367	SCH_	652436.56	4220302.55	652436.56, 4	0.000577035	0.000508723	1.19E-03	9.1E-08	8.0E-08	1.9E-07	1.4E-09	5.0E-08	1.2E-07	2.2E-11	3.1E-08	7.2E-08	1.0E-07
368	SCH_	652456.56	4220302.55	652456.56, 4	0.000625399	0.000545985	1.28E-03	9.9E-08	8.6E-08	2.0E-07	1.5E-09	5.4E-08	1.3E-07	2.4E-11	3.3E-08	7.7E-08	1.1E-07
369	SCH_	652476.56	4220302.55	652476.56, 4	0.000680074	0.000587618	1.37E-03	1.1E-07	9.3E-08	2.2E-07	1.7E-09	5.8E-08	1.4E-07	2.6E-11	3.6E-08	8.3E-08	1.2E-07
370	SCH_	652096.56	4220322.55	652096.56, 4	0.000217921	0.000201252	4.93E-04	3.4E-08	3.2E-08	7.8E-08	5.4E-10	2.0E-08	4.9E-08	8.5E-12	1.2E-08	3.0E-08	4.2E-08
371	SCH_	652116.56	4220322.55	652116.56, 4	0.000227775	0.000210287	5.13E-04	3.6E-08	3.3E-08	8.1E-08	5.6E-10	2.1E-08	5.1E-08	8.9E-12	1.3E-08	3.1E-08	4.4E-08
372	SCH_	652136.56	4220322.55	652136.56, 4	0.00023837	0.000219741	5.34E-04	3.8E-08	3.5E-08	8.4E-08	5.9E-10	2.2E-08	5.3E-08	9.3E-12	1.3E-08	3.2E-08	4.6E-08
373	SCH_	652156.56	4220322.55	652156.56, 4	0.000249802	0.000230062	5.58E-04	3.9E-08	3.6E-08	8.8E-08	6.2E-10	2.3E-08	5.5E-08	9.7E-12	1.4E-08	3.4E-08	4.8E-08
374	SCH_	652176.56	4220322.55	652176.56, 4	0.000262168	0.000241125	5.82E-04	4.1E-08	3.8E-08	9.2E-08	6.5E-10	2.4E-08	5.8E-08	1.0E-11	1.5E-08	3.5E-08	5.0E-08
375	SCH_	652196.56	4220322.55	652196.56, 4	0.000275564	0.00025299	6.09E-04	4.3E-08	4.0E-08	9.6E-08	6.8E-10	2.5E-08	6.0E-08	1.1E-11	1.5E-08	3.7E-08	5.2E-08
376	SCH_	652216.56	4220322.55	652216.56, 4	0.00029012	0.000265731	6.38E-04	4.6E-08	4.2E-08	1.0E-07	7.2E-10	2.6E-08	6.3E-08	1.1E-11	1.6E-08	3.9E-08	5.5E-08
377	SCH_	652236.56	4220322.55	652236.56, 4	0.000305963	0.000279457	6.69E-04	4.8E-08	4.4E-08	1.1E-07	7.6E-10	2.8E-08	6.6E-08	1.2E-11	1.7E-08	4.1E-08	5.8E-08
378	SCH_	652256.56	4220322.55	652256.56, 4	0.000323255	0.000294259	7.02E-04	5.1E-08	4.6E-08	1.1E-07	8.0E-10	2.9E-08	7.0E-08	1.3E-11	1.8E-08	4.3E-08	6.0E-08
379	SCH_	652276.56	4220322.55	652276.56, 4	0.00034219	0.000310437	7.38E-04	5.4E-08	4.9E-08	1.2E-07	8.5E-10	3.1E-08	7.3E-08	1.3E-11	1.9E-08	4.5E-08	6.4E-08
380	SCH_	652296.56	4220322.55	652296.56, 4	0.000362991	0.000327931	7.78E-04	5.7E-08	5.2E-08	1.2E-07	9.0E-10	3.2E-08	7.7E-08	1.4E-11	2.0E-08	4.7E-08	6.7E-08
381	SCH_	652316.56	4220322.55	652316.56, 4	0.000385886	0.00034688	8.21E-04	6.1E-08	5.5E-08	1.3E-07	9.6E-10	3.4E-08	8.1E-08	1.5E-11	2.1E-08	5.0E-08	7.1E-08
382	SCH_	652336.56	4220322.55	652336.56, 4	0.000411131	0.000367445	8.68E-04	6.5E-08	5.8E-08	1.4E-07	1.0E-09	3.6E-08	8.6E-08	1.6E-11	2.2E-08	5.3E-08	7.5E-08
383	SCH_	652356.56	4220322.55	652356.56, 4	0.000439145	0.000389994	9.19E-04	6.9E-08	6.1E-08	1.4E-07	1.1E-09	3.9E-08	9.1E-08	1.7E-11	2.4E-08	5.6E-08	7.9E-08
384	SCH_	652376.56	4220322.55	652376.56, 4	0.000470218	0.000414549	9.76E-04	7.4E-08	6.5E-08	1.5E-07	1.2E-09	4.1E-08	9.7E-08	1.8E-11	2.5E-08	5.9E-08	8.4E-08
385	SCH_	652396.56	4220322.55	652396.56, 4	0.000504833	0.000441531	1.04E-03	8.0E-08	7.0E-08	1.6E-07	1.2E-09	4.4E-08	1.0E-07	2.0E-11	2.7E-08	6.3E-08	9.0E-08
386	SCH_	652416.56	4220322.55	652416.56, 4	0.000543569	0.000471081	1.11E-03	8.6E-08	7.4E-08	1.7E-07	1.3E-09	4.7E-08	1.1E-07	2.1E-11	2.9E-08	6.7E-08	9.6E-08
387	SCH_	652436.56	4220322.55	652436.56, 4	0.000586973	0.000503864	1.18E-03	9.2E-08	7.9E-08	1.9E-07	1.5E-09	5.0E-08	1.2E-07	2.3E-11	3.1E-08	7.2E-08	1.0E-07
388	SCH_	652456.56	4220322.55	652456.56, 4	0.000635722	0.000540035	1.27E-03	1.0E-07	8.5E-08	2.0E-07	1.6E-09	5.3E-08	1.3E-07	2.5E-11	3.3E-08	7.7E-08	1.1E-07
389	SCH_	652476.56	4220322.55	652476.56, 4	0.00069062	0.000580358	1.36E-03	1.1E-07	9.1E-08	2.1E-07	1.7E-09	5.7E-08	1.3E-07	2.7E-11	3.5E-08	8.3E-08	1.2E-07
390	SCH_	652096.56	4220342.55	652096.56, 4	0.000221267	0.000201113	4.90E-04	3.5E-08	3.2E-08	7.7E-08	5.5E-10	2.0E-08	4.9E-08	8.6E-12	1.2E-08	3.0E-08	4.2E-08
391	SCH_	652116.56	4220342.55	652116.56, 4	0.000231282	0.000209907	5.11E-04	3.6E-08	3.3E-08	8.0E-08	5.7E-10	2.1E-08	5.1E-08	9.0E-12	1.3E-08	3.1E-08	4.4E-08
392	SCH_	652136.56	4220342.55	652136.56, 4	0.00024207	0.000219505	5.32E-04	3.8E-08	3.5E-08	8.4E-08	6.0E-10	2.2E-08	5.3E-08	9.4E-12	1.3E-08	3.2E-08	4.6E-08
393	SCH_	652156.56	4220342.55	652156.56, 4	0.000253727	0.000229755	5.55E-04	4.0E-08	3.6E-08	8.7E-08	6.3E-10	2.3E-08	5.5E-08	9.9E-12	1.4E-08	3.4E-08	4.8E-08
394	SCH_	652176.56	4220342.55	652176.56, 4	0.000266318	0.000240537	5.80E-04	4.2E-08	3.8E-08	9.1E-08	6.6E-10	2.4E-08	5.7E-08	1.0E-11	1.5E-08	3.5E-08	5.0E-08
395	SCH_	652196.56	4220342.55	652196.56, 4	0.00027994	0.000252286	6.06E-04	4.4E-08	4.0E-08	9.6E-08	6.9E-10	2.5E-08	6.0E-08	1.1E-11	1.5E-08	3.7E-08	5.2E-08
396	SCH_	652216.56	4220342.55	652216.56, 4	0.000294784	0.000264907	6.35E-04	4.6E-08	4.2E-08	1.0E-07	7.3E-10	2.6E-08	6.3E-08	1.1E-11	1.6E-08	3.9E-08	5.5E-08
397	SCH_	652236.56	4220342.55	652236.56, 4	0.000310917	0.000278665	6.66E-04	4.9E-08	4.4E-08	1.0E-07	7.7E-10	2.8E-08	6.6E-08	1.2E-11	1.7E-08	4.0E-08	5.7E-08
398	SCH_	652256.56	4220342.55	652256.56, 4	0.000328531	0.000293278	6.99E-04	5.2E-08	4.6E-08	1.1E-07	8.1E-10	2.9E-08	6.9E-08	1.3E-11	1.8E-08	4.2E-08	6.0E-08
399	SCH_	652276.56	4220342.55	652276.56, 4	0.000347819	0.000309213	7.35E-04	5.5E-08	4.9E-08	1.2E-07	8.6E-10	3.1E-08	7.3E-08	1.4E-11	1.9E-08	4.5E-08	6.3E-08
400	SCH_	652296.56	4220342.55	652296.56, 4	0.000369007	0.000326422	7.74E-04	5.8E-08	5.1E-08	1.2E-07	9.1E-10	3.2E-08	7.7E-08	1.4E-11	2.0E-08	4.7E-08	6.7E-08
401	SCH_	652316.56	4220342.55	652316.56, 4	0.000392287	0.000345028	8.17E-04	6.2E-08	5.4E-08	1.3E-07	9.7E-10	3.4E-08	8.1E-08	1.5E-11	2.1E-08	5.0E-08	7.1E-08
402	SCH_	652336.56	4220342.55	652336.56, 4	0.000418015	0.000365178	8.64E-04	6.6E-08	5.8E-08	1.4E-07	1.0E-09	3.6E-08	8.6E-08	1.6E-11	2.2E-08	5.2E-08	7.5E-08
403	SCH_	652356.56	4220342.55	652356.56, 4	0.000446447	0.000387244	9.15E-04	7.0E-08	6.1E-08	1.4E-07	1.1E-09	3.8E-08	9.1E-08	1.7E-11	2.4E-08	5.6E-08	7.9E-08
404	SCH_	652376.56	4220342.55	652376.56, 4	0.000477969	0.000411192	9.71E-04	7.5E-08	6.5E-08	1.5E-07	1.2E-09	4.1E-08	9.6E-08	1.9E-11	2.5E-08	5.9E-08	8.4E-08
405	SCH_	652396.56	4220342.55	652396.56, 4	0.000513034	0.000437441	1.03E-03	8.1E-08	6.9E-08	1.6E-07	1.3E-09	4.3E-08	1.0E-07	2.0E-11	2.7E-08	6.3E-08	8.9E-08
406	SCH_	652416.56	4220342.55	652416.56, 4	0.000552123	0.00046631	1.10E-03	8.7E-08	7.3E-08	1.7E-07	1.4E-09	4.6E-08	1.1E-07	2.1E-11	2.8E-08	6.7E-08	9.5E-08
407	SCH_	652436.56	4220342.55	652436.56, 4	0.000595816	0.000498222	1.17E-03	9.4E-08	7.8E-08	1.8E-07	1.5E-09	4.9E-08	1.2E-07	2.3E-11	3.0E-08	7.1E-08	1.0E-07
408	SCH_	652456.56	4220342.55	652456.56, 4	0.00064466	0.00053327	1.26E-03	1.0E-07	8.4E-08	2.0E-07	1.6E-09	5.3E-08	1.2E-07	2.5E-11	3.2E-08	7.6E-08	1.1E-07
409	SCH_	652476.56	4220342.55	652476.56, 4	0.000699395	0.000572184	1.35E-03	1.1E-07	9.0E-08	2.1E-07	1.7E-09	5.7E-08	1.3E-07	2.7E-11	3.5E-08	8.2E-08	1.2E-07
410	SCH_	652096.56	4220362.55	652096.56, 4	0.000224452	0.000200847	4.88E-04	3.5E-08	3.2E-08	7.7E-08	5.6E-10	2.0E-08	4.8E-08	8.7E-12	1.2E-08	3.0E-08	4.2E-08
411	SCH_	652116.56	4220362.55	652116.56, 4	0.00023466	0.000209588	5.08E-04	3.7E-08	3.3E-08	8.0E-08	5.8E-10	2.1E-08	5.0E-08	9.1E-12	1.3E-08	3.1E-08	4.4E-08
412	SCH_	652136.56	4220362.55	652136.56, 4	0.000245609	0.000219109	5.30E-04	3.9E-08	3.5E-08	8.3E-08	6.1E-10	2.2E-08	5.2E-08	9.6E-12	1.3E-08	3.2E-08	4.5E-08
413	SCH_	652156.56	4220362.55	652156.56, 4	0.000257459	0.000229085	5.53E-04	4.1E-08	3.6E-08	8.7E-08	6.4E-10	2.3E-08	5.5E-08	1.0E-11	1.4E-08	3.4E-08	4.7E-08
414	SCH_	652176.56	4220362.55	652176.56, 4	0.000270275	0.000239959	5.77E-04	4.3E-08	3.8E-08	9.1E-08	6.7E-10	2.4E-08	5.7E-08	1.1E-11	1.5E-08	3.5E-08	5.0E-08
415	SCH_	652196.56	4220362.55	652196.56, 4	0.000284154	0.000251583	6.04E-04	4.5E-08	4.0E-08	9.5E-08	7.0E-10	2.5E-08	6.0E-08	1.1E-11	1.5E-08	3.7E-08	5.2E-08
416	SCH_	652216.56	4220362.55	652216.56, 4	0.000299224	0.000264044	6.32E-04	4.7E-08	4.2E-08	1.0E-07	7.4E-10	2.6E-08	6.3E-08	1.2E-11	1.6E-08	3.8E-08	5.4E-08
417	SCH_	652236.56	4220362.55	652236.56, 4	0.000315678	0.000277431	6.63E-04	5.0E-08	4.4E-08	1.0E-07	7.8E-10	2.7E-08	6.6E-08	1.2E-11	1.7E-08	4.0E-08	5.7E-08
418	SCH_	652256.56	4220362.55	652256.56, 4	0.000333613	0.000291998	6.96E-04	5.3E-08	4.6E-08	1.1E-07	8.3E-10	2.9E-08	6.9E-08	1.3E-11	1.8E-08	4.2E-08	6.0E-08
419	SCH_	652276.56	4220362.55	652276.56, 4	0.000353223	0.000307676	7.32E-04	5.6E-08	4.8E-08	1.2E-07	8.7E-10	3.0E-08	7.2E-08	1.4E-11	1.9E-08	4.4E-08	6.3E-08
420	SCH_	652296.56	4220362.55	652296.56, 4	0.000374764	0.000324378	7.71E-04	5.9E-08	5.1E-08	1.2E-07	9.3E-10	3.2E-08	7.6E-08	1.5E-11	2.0E-08	4.7E-08	6.6E-08
421	SCH_	652316.56	4220362.55	652316.56, 4	0.000398431	0.000342784	8.14E-04	6.3E-08	5.4E-08	1.3E-07	9.9E-10	3.4E-08	8.1E-08	1.5E-11	2.1E-08	4.9E-08	7.0E-08
422	SCH_	652336.56	4220362.55	652336.56, 4	0.000424512	0.000362466	8.60E-04	6.7E-08	5.7E-08	1.4E-07	1.1E-09	3.6E-08	8.5E-08	1.7E-11	2.2E-08	5.2E-08	7.4E-08
423	SCH_	652356.56	4220362.55	652356.56, 4	0.000453329	0.00038395	9.10E-04	7.1E-08	6.0E-08	1.4E-07	1.1E-09	3.8E-08	9.0E-08	1.8E-11	2.3E-08	5.5E-08	7.9E-08
424	SCH_	652376.56	4220362.55	652376.56, 4	0.000485206	0.000407406	9.65E-04	7.6E-08	6.4E-08	1.5E-07	1.2E-09	4.0E-08	9.6E-08	1.9E-11	2.5E-08	5.9E-08	8.3E-08
425	SCH_	652396.56	4220362.55	652396.56, 4	0.000520527	0.000433025	1.03E-03	8.2E-08	6.8E-08	1.6E-07	1.3E-09	4.3E-08	1.0E-07	2.0E-11	2.6E-08	6.2E-08	8.9E-08
426	SCH_	652416.56	4220362.55	652416.56, 4	0.000559808	0.000460983	1.09E-03	8.8E-08	7.3E-08	1.7E-07	1.4E-09	4.6E-08	1.1E-07	2.2E-11	2.8E-08	6.6E-08	9.4E-08
427	SCH_	652436.56	4220362.55	652436.56, 4	0.0006035	0.000491846	1.16E-03	9.5E-08	7.7E-08	1.8E-07	1.5E-09	4.9E-08	1.2E-07	2.3E-11	3.0E-08	7.1E-08	1.0E-07
428	SCH_	652456.56	4220362.55	652456.56, 4	0.000652085	0.000525523	1.24E-03	1.0E-07	8.3E-08	2.0E-07	1.6E-09	5.2E-08	1.2E-07	2.5E-11	3.2E-08	7.5E-08	1.1E-07
429	SCH_	652476.56	4220362.55	652476.56, 4	0.000706207	0.000563096	1.33E-03	1.1E-07	8.9E-08	2.1E-07	1.7E-09	5.6E-08	1.3E-07	2.7E-11	3.4E-08	8.1E-08	1.1E-07
430	SCH_	652096.56	4220382.55	652096.56, 4	0.000227508	0.00020028	4.86E-04	3.6E-08	3.2E-08	7.7E-08	5.6E-10	2.0E-08	4.8E-08	8.9E-12	1.2E-08	3.0E-08	4.2E-08
431	SCH_	652116.56	4220382.55	652116.56, 4	0.000237845	0.000209131	5.06E-04	3.7E-08	3.3E-08	8.0E-08	5.9E-10	2.1E-08	5.0E-08	9.3E-12	1.3E-08	3.1E-08	4.3E-08
432	SCH_	652136.56	4220382.55	652136.56, 4	0.000249019	0.00021837	5.28E-04	3.9E-08	3.4E-08	8.3E-08	6.2E-10	2.2E-08	5.2E-08	9.7E-12	1.3E-08	3.2E-08	4.5E-08
433	SCH_	652156.56	4220382.55	652156.56, 4	0.000261062	0.00022843	5.50E-04	4.1E-08	3.6E-08	8.7E-08	6.5E-10	2.3E-08	5.5E-08	1.0E-11	1.4E-08	3.3E-08	4.7E-08
434	SCH_	652176.56	4220382.55	652176.56, 4	0.000274071	0.000239179	5.75E-04	4.3E-08	3.8E-08	9.1E-08	6.8E-10	2.4E-08	5.7E-08	1.1E-11	1.5E-08	3.5E-08	4.9E-08
435	SCH_	652196.56	4220382.55	652196.56, 4	0.000288207	0.000250655	6.01E-04	4.5E-08	3.9E-08	9.5E-08	7.1E-10	2.5E-08	6.0E-08	1.1E-11	1.5E-08	3.6E-08	5.2E-08
436	SCH_	652216.56	4220382.55	652216.56, 4	0.000303534	0.000262949	6.30E-04	4.8E-08	4.1E-08	9.9E-08	7.5E-10	2.6E-08	6.2E-08	1.2E-11	1.6E-08	3.8E-08	5.4E-08
437	SCH_	652236.56	4220382.55	652236.56, 4	0.000320246	0.000276113	6.60E-04	5.0E-08	4.3E-08	1.0E-07	7.9E-10	2.7E-08	6.5E-08	1.2E-11	1.7E-08	4.0E-08	5.7E-08
438	SCH_	652256.56	4220382.55	652256.56, 4	0.00033847	0.000290437	6.93E-04	5.3E-08	4.6E-08	1.1E-07	8.4E-10	2.9E-08	6.9E-08	1.3E-11	1.8E-08	4.2E-08	6.0E-08
439	SCH_	652276.56	4220382.55	652276.56, 4	0.000358434	0.000305626	7.29E-04	5.6E-08	4.8E-08	1.1E-07	8.9E-10	3.0E-08	7.2E-08	1.4E-11	1.9E-08	4.4E-08	6.3E-08
440	SCH_	652296.56	4220382.55	652296.56, 4	0.000380264	0.000322337	7.68E-04	6.0E-08	5.1E-08	1.2E-07	9.4E-10	3.2E-08	7.6E-08	1.5E-11	2.0E-08	4.7E-08	6.6E-08
441	SCH_	652316.56	4220382.55	652316.56, 4	0.000404252	0.000340104	8.10E-04	6.4E-08	5.4E-08	1.3E-07	1.0E-09	3.4E-08	8.0E-08	1.6E-11	2.1E-08	4.9E-08	7.0E-08
442	SCH_	652336.56	4220382.55	652336.56, 4	0.000430655	0.000359466	8.55E-04	6.8E-08	5.7E-08	1.3E-07	1.1E-09	3.6E-08	8.5E-08	1.7E-11	2.2E-08	5.2E-08	7.4E-08
443	SCH_	652356.56	4220382.55	652356.56, 4	0.000459729	0.000380326	9.05E-04	7.2E-08	6.0E-08	1.4E-07	1.1E-09	3.8E-08	9.0E-08	1.8E-11	2.3E-08	5.5E-08	7.8E-08
444	SCH_	652376.56	4220382.55	652376.56, 4	0.000491798	0.000403223	9.59E-04	7.7E-08	6.4E-08	1.5E-07	1.2E-09	4.0E-08	9.5E-08	1.9E-11	2.4E-08	5.8E-08	8.3E-08
445	SCH_	652396.56	4220382.55	652396.56, 4	0.000527215	0.000427929	1.02E-03	8.3E-08	6.7E-08	1.6E-07	1.3E-09	4.2E-08	1.0E-07	2.1E-11	2.6E-08	6.2E-08	8.8E-08
446	SCH_	652416.56	4220382.55	652416.56, 4	0.000566431	0.000455029	1.08E-03	8.9E-08	7.2E-08	1.7E-07	1.4E-09	4.5E-08	1.1E-07	2.2E-11	2.8E-08	6.6E-08	9.3E-08
447	SCH_	652436.56	4220382.55	652436.56, 4	0.000609799	0.000484642	1.15E-03	9.6E-08	7.6E-08	1.8E-07	1.5E-09	4.8E-08	1.1E-07	2.4E-11	2.9E-08	7.0E-08	9.9E-08
448	SCH_	652456.56	4220382.55	652456.56, 4	0.000657772	0.000517151	1.22E-03	1.0E-07	8.1E-08	1.9E-07	1.6E-09	5.1E-08	1.2E-07	2.6E-11	3.1E-08	7.4E-08	1.1E-07
449	SCH_	652476.56	4220382.55	652476.56, 4	0.000710766	0.000553039	1.30E-03	1.1E-07	8.7E-08	2.1E-07	1.8E-09	5.5E-08	1.3E-07	2.8E-11	3.4E-08	7.9E-08	1.1E-07
450	SCH_	652096.56	4220402.55	652096.56, 4	0.000230436	0.000199756	4.84E-04	3.6E-08	3.1E-08	7.6E-08	5.7E-10	2.0E-08	4.8E-08	9.0E-12	1.2E-08	2.9E-08	4.2E-08
451	SCH_	652116.56	4220402.55	652116.56, 4	0.000240933	0.000208339	5.04E-04	3.8E-08	3.3E-08	7.9E-08	6.0E-10	2.1E-08	5.0E-08	9.4E-12	1.3E-08	3.1E-08	4.3E-08
452	SCH_	652136.56	4220402.55	652136.56, 4	0.000252268	0.000217663	5.26E-04	4.0E-08	3.4E-08	8.3E-08	6.2E-10	2.2E-08	5.2E-08	9.8E-12	1.3E-08	3.2E-08	4.5E-08
453	SCH_	652156.56	4220402.55	652156.56, 4	0.000264504	0.000227601	5.48E-04	4.2E-08	3.6E-08	8.6E-08	6.5E-10	2.3E-08	5.4E-08	1.0E-11	1.4E-08	3.3E-08	4.7E-08
454	SCH_	652176.56	4220402.55	652176.56, 4	0.00027777	0.000238206	5.73E-04	4.4E-08	3.8E-08	9.0E-08	6.9E-10	2.4E-08	5.7E-08	1.1E-11	1.4E-08	3.5E-08	4.9E-08
455	SCH_	652196.56	4220402.55	652196.56, 4	0.000292131	0.000249511	5.99E-04	4.6E-08	3.9E-08	9.4E-08	7.2E-10	2.5E-08	5.9E-08	1.1E-11	1.5E-08	3.6E-08	5.2E-08
456	SCH_	652216.56	4220402.55	652216.56, 4	0.000307716	0.000261589	6.27E-04	4.8E-08	4.1E-08	9.9E-08	7.6E-10	2.6E-08	6.2E-08	1.2E-11	1.6E-08	3.8E-08	5.4E-08
457	SCH_	652236.56	4220402.55	652236.56, 4	0.000324684	0.000274509	6.58E-04	5.1E-08	4.3E-08	1.0E-07	8.0E-10	2.7E-08	6.5E-08	1.3E-11	1.7E-08	4.0E-08	5.7E-08
458	SCH_	652256.56	4220402.55	652256.56, 4	0.000343199	0.000288541	6.91E-04	5.4E-08	4.5E-08	1.1E-07	8.5E-10	2.9E-08	6.8E-08	1.3E-11	1.8E-08	4.2E-08	5.9E-08
459	SCH_	652276.56	4220402.55	652276.56, 4	0.000363419	0.00030357	7.26E-04	5.7E-08	4.8E-08	1.1E-07	9.0E-10	3.0E-08	7.2E-08	1.4E-11	1.8E-08	4.4E-08	6.2E-08
460	SCH_	652296.56	4220402.55	652296.56, 4	0.000385539	0.00031967	7.64E-04	6.1E-08	5.0E-08	1.2E-07	9.5E-10	3.2E-08	7.6E-08	1.5E-11	1.9E-08	4.6E-08	6.6E-08
461	SCH_	652316.56	4220402.55	652316.56, 4	0.000409784	0.00033715	8.06E-04	6.5E-08	5.3E-08	1.3E-07	1.0E-09	3.3E-08	8.0E-08	1.6E-11	2.0E-08	4.9E-08	6.9E-08
462	SCH_	652336.56	4220402.55	652336.56, 4	0.000436379	0.000355917	8.50E-04	6.9E-08	5.6E-08	1.3E-07	1.1E-09	3.5E-08	8.4E-08	1.7E-11	2.2E-08	5.2E-08	7.3E-08
463	SCH_	652356.56	4220402.55	652356.56, 4	0.000465582	0.000376276	8.98E-04	7.3E-08	5.9E-08	1.4E-07	1.2E-09	3.7E-08	8.9E-08	1.8E-11	2.3E-08	5.5E-08	7.7E-08
464	SCH_	652376.56	4220402.55	652376.56, 4	0.000497682	0.000398168	9.50E-04	7.8E-08	6.3E-08	1.5E-07	1.2E-09	3.9E-08	9.4E-08	1.9E-11	2.4E-08	5.8E-08	8.2E-08
465	SCH_	652396.56	4220402.55	652396.56, 4	0.000532969	0.000422137	1.01E-03	8.4E-08	6.7E-08	1.6E-07	1.3E-09	4.2E-08	1.0E-07	2.1E-11	2.6E-08	6.1E-08	8.7E-08
466	SCH_	652416.56	4220402.55	652416.56, 4	0.00057183	0.000448303	1.07E-03	9.0E-08	7.1E-08	1.7E-07	1.4E-09	4.4E-08	1.1E-07	2.2E-11	2.7E-08	6.5E-08	9.2E-08
467	SCH_	652436.56	4220402.55	652436.56, 4	0.000614554	0.000476731	1.13E-03	9.7E-08	7.5E-08	1.8E-07	1.5E-09	4.7E-08	1.1E-07	2.4E-11	2.9E-08	6.9E-08	9.8E-08
468	SCH_	652456.56	4220402.55	652456.56, 4	0.000661463	0.000507998	1.20E-03	1.0E-07	8.0E-08	1.9E-07	1.6E-09	5.0E-08	1.2E-07	2.6E-11	3.1E-08	7.3E-08	1.0E-07
469	SCH_	652476.56	4220402.55	652476.56, 4	0.000712878	0.000542207	1.28E-03	1.1E-07	8.5E-08	2.0E-07	1.8E-09	5.4E-08	1.3E-07	2.8E-11	3.3E-08	7.7E-08	1.1E-07
470	SCH_	652096.56	4220422.55	652096.56, 4	0.000233235	0.000199104	4.83E-04	3.7E-08	3.1E-08	7.6E-08	5.8E-10	2.0E-08	4.8E-08	9.1E-12	1.2E-08	2.9E-08	4.1E-08
471	SCH_	652116.56	4220422.55	652116.56, 4	0.000243925	0.000207577	5.03E-04	3.8E-08	3.3E-08	7.9E-08	6.0E-10	2.1E-08	5.0E-08	9.5E-12	1.3E-08	3.1E-08	4.3E-08
472	SCH_	652136.56	4220422.55	652136.56, 4	0.000255452	0.000216781	5.24E-04	4.0E-08	3.4E-08	8.3E-08	6.3E-10	2.1E-08	5.2E-08	9.9E-12	1.3E-08	3.2E-08	4.5E-08

473	SCH_	652156.56	4220422.55	652156.56, 4	0.000267881	0.000226575	5.47E-04	4.2E-08	3.6E-08	8.6E-08	6.6E-10	2.2E-08	5.4E-08	1.0E-11	1.4E-08	3.3E-08	4.7E-08
474	SCH_	652176.56	4220422.55	652176.56, 4	0.000281373	0.000236823	5.71E-04	4.4E-08	3.7E-08	9.0E-08	7.0E-10	2.3E-08	5.7E-08	1.1E-11	1.4E-08	3.5E-08	4.9E-08
475	SCH_	652196.56	4220422.55	652196.56, 4	0.000295959	0.000247926	5.97E-04	4.7E-08	3.9E-08	9.4E-08	7.3E-10	2.5E-08	5.9E-08	1.2E-11	1.5E-08	3.6E-08	5.1E-08
476	SCH_	652216.56	4220422.55	652216.56, 4	0.000311769	0.000259965	6.25E-04	4.9E-08	4.1E-08	9.8E-08	7.7E-10	2.6E-08	6.2E-08	1.2E-11	1.6E-08	3.8E-08	5.4E-08
477	SCH_	652236.56	4220422.55	652236.56, 4	0.000328995	0.000272606	6.55E-04	5.2E-08	4.3E-08	1.0E-07	8.1E-10	2.7E-08	6.5E-08	1.3E-11	1.7E-08	4.0E-08	5.6E-08
478	SCH_	652256.56	4220422.55	652256.56, 4	0.000347766	0.000286311	6.88E-04	5.5E-08	4.5E-08	1.1E-07	8.6E-10	2.8E-08	6.8E-08	1.4E-11	1.7E-08	4.2E-08	5.9E-08
479	SCH_	652276.56	4220422.55	652276.56, 4	0.000368211	0.000300941	7.23E-04	5.8E-08	4.7E-08	1.1E-07	9.1E-10	3.0E-08	7.2E-08	1.4E-11	1.8E-08	4.4E-08	6.2E-08
480	SCH_	652296.56	4220422.55	652296.56, 4	0.000390524	0.000316797	7.60E-04	6.2E-08	5.0E-08	1.2E-07	9.7E-10	3.1E-08	7.5E-08	1.5E-11	1.9E-08	4.6E-08	6.5E-08
481	SCH_	652316.56	4220422.55	652316.56, 4	0.00041493	0.000333727	8.00E-04	6.5E-08	5.3E-08	1.3E-07	1.0E-09	3.3E-08	7.9E-08	1.6E-11	2.0E-08	4.9E-08	6.9E-08
482	SCH_	652336.56	4220422.55	652336.56, 4	0.000441588	0.000351845	8.44E-04	7.0E-08	5.5E-08	1.3E-07	1.1E-09	3.5E-08	8.4E-08	1.7E-11	2.1E-08	5.1E-08	7.3E-08
483	SCH_	652356.56	4220422.55	652356.56, 4	0.000470758	0.000371643	8.90E-04	7.4E-08	5.9E-08	1.4E-07	1.2E-09	3.7E-08	8.8E-08	1.8E-11	2.3E-08	5.4E-08	7.7E-08
484	SCH_	652376.56	4220422.55	652376.56, 4	0.000502665	0.000392829	9.40E-04	7.9E-08	6.2E-08	1.5E-07	1.2E-09	3.9E-08	9.3E-08	2.0E-11	2.4E-08	5.7E-08	8.1E-08
485	SCH_	652396.56	4220422.55	652396.56, 4	0.000537597	0.000415809	9.94E-04	8.5E-08	6.6E-08	1.6E-07	1.3E-09	4.1E-08	9.8E-08	2.1E-11	2.5E-08	6.0E-08	8.6E-08
486	SCH_	652416.56	4220422.55	652416.56, 4	0.000575813	0.00044098	1.05E-03	9.1E-08	6.9E-08	1.7E-07	1.4E-09	4.4E-08	1.0E-07	2.2E-11	2.7E-08	6.4E-08	9.1E-08
487	SCH_	652436.56	4220422.55	652436.56, 4	0.000617506	0.000468123	1.11E-03	9.7E-08	7.4E-08	1.8E-07	1.5E-09	4.6E-08	1.1E-07	2.4E-11	2.8E-08	6.7E-08	9.6E-08
488	SCH_	652456.56	4220422.55	652456.56, 4	0.000662965	0.000497939	1.18E-03	1.0E-07	7.8E-08	1.9E-07	1.6E-09	4.9E-08	1.2E-07	2.6E-11	3.0E-08	7.1E-08	1.0E-07
489	SCH_	652476.56	4220422.55	652476.56, 4	0.000712383	0.000530135	1.24E-03	1.1E-07	8.4E-08	2.0E-07	1.8E-09	5.2E-08	1.2E-07	2.8E-11	3.2E-08	7.6E-08	1.1E-07
490	SCH_	652096.56	4220442.55	652096.56, 4	0.000236001	0.00019831	4.81E-04	3.7E-08	3.1E-08	7.6E-08	5.8E-10	2.0E-08	4.8E-08	9.2E-12	1.2E-08	2.9E-08	4.1E-08
491	SCH_	652116.56	4220442.55	652116.56, 4	0.000246852	0.000206658	5.01E-04	3.9E-08	3.3E-08	7.9E-08	6.1E-10	2.0E-08	5.0E-08	9.6E-12	1.3E-08	3.0E-08	4.3E-08
492	SCH_	652136.56	4220442.55	652136.56, 4	0.000258573	0.000215725	5.22E-04	4.1E-08	3.4E-08	8.2E-08	6.4E-10	2.1E-08	5.2E-08	1.0E-11	1.3E-08	3.2E-08	4.5E-08
493	SCH_	652156.56	4220442.55	652156.56, 4	0.000271227	0.000225165	5.45E-04	4.3E-08	3.5E-08	8.6E-08	6.7E-10	2.2E-08	5.4E-08	1.1E-11	1.4E-08	3.3E-08	4.7E-08
494	SCH_	652176.56	4220442.55	652176.56, 4	0.000284911	0.000235405	5.69E-04	4.5E-08	3.7E-08	9.0E-08	7.1E-10	2.3E-08	5.6E-08	1.1E-11	1.4E-08	3.5E-08	4.9E-08
495	SCH_	652196.56	4220442.55	652196.56, 4	0.00029969	0.000246468	5.95E-04	4.7E-08	3.9E-08	9.4E-08	7.4E-10	2.4E-08	5.9E-08	1.2E-11	1.5E-08	3.6E-08	5.1E-08
496	SCH_	652216.56	4220442.55	652216.56, 4	0.000315757	0.000258044	6.23E-04	5.0E-08	4.1E-08	9.8E-08	7.8E-10	2.6E-08	6.2E-08	1.2E-11	1.6E-08	3.8E-08	5.3E-08
497	SCH_	652236.56	4220442.55	652236.56, 4	0.000333176	0.000270559	6.53E-04	5.2E-08	4.3E-08	1.0E-07	8.2E-10	2.7E-08	6.5E-08	1.3E-11	1.6E-08	4.0E-08	5.6E-08
498	SCH_	652256.56	4220442.55	652256.56, 4	0.00035214	0.000283896	6.84E-04	5.5E-08	4.5E-08	1.1E-07	8.7E-10	2.8E-08	6.8E-08	1.4E-11	1.7E-08	4.2E-08	5.9E-08
499	SCH_	652276.56	4220442.55	652276.56, 4	0.000372714	0.000298107	7.19E-04	5.9E-08	4.7E-08	1.1E-07	9.2E-10	3.0E-08	7.1E-08	1.4E-11	1.8E-08	4.4E-08	6.2E-08
500	SCH_	652296.56	4220442.55	652296.56, 4	0.000395155	0.000313434	7.55E-04	6.2E-08	4.9E-08	1.2E-07	9.8E-10	3.1E-08	7.5E-08	1.5E-11	1.9E-08	4.6E-08	6.5E-08
501	SCH_	652316.56	4220442.55	652316.56, 4	0.00041956	0.000329786	7.94E-04	6.6E-08	5.2E-08	1.3E-07	1.0E-09	3.3E-08	7.9E-08	1.6E-11	2.0E-08	4.8E-08	6.8E-08
502	SCH_	652336.56	4220442.55	652336.56, 4	0.000446154	0.000347404	8.36E-04	7.0E-08	5.5E-08	1.3E-07	1.1E-09	3.4E-08	8.3E-08	1.7E-11	2.1E-08	5.1E-08	7.2E-08
503	SCH_	652356.56	4220442.55	652356.56, 4	0.00047513	0.00036642	8.81E-04	7.5E-08	5.8E-08	1.4E-07	1.2E-09	3.6E-08	8.7E-08	1.8E-11	2.2E-08	5.3E-08	7.6E-08
504	SCH_	652376.56	4220442.55	652376.56, 4	0.000506617	0.000386848	9.28E-04	8.0E-08	6.1E-08	1.5E-07	1.3E-09	3.8E-08	9.2E-08	2.0E-11	2.3E-08	5.6E-08	8.0E-08
505	SCH_	652396.56	4220442.55	652396.56, 4	0.000540937	0.000408994	9.79E-04	8.5E-08	6.4E-08	1.5E-07	1.3E-09	4.0E-08	9.7E-08	2.1E-11	2.5E-08	5.9E-08	8.4E-08
506	SCH_	652416.56	4220442.55	652416.56, 4	0.000578187	0.000433003	1.03E-03	9.1E-08	6.8E-08	1.6E-07	1.4E-09	4.3E-08	1.0E-07	2.2E-11	2.6E-08	6.3E-08	8.9E-08
507	SCH_	652436.56	4220442.55	652436.56, 4	0.000618559	0.000458912	1.09E-03	9.7E-08	7.2E-08	1.7E-07	1.5E-09	4.5E-08	1.1E-07	2.4E-11	2.8E-08	6.6E-08	9.4E-08
508	SCH_	652456.56	4220442.55	652456.56, 4	0.000662214	0.000487046	1.15E-03	1.0E-07	7.7E-08	1.8E-07	1.6E-09	4.8E-08	1.1E-07	2.6E-11	3.0E-08	7.0E-08	9.9E-08
509	SCH_	652476.56	4220442.55	652476.56, 4	0.000709249	0.00051743	1.21E-03	1.1E-07	8.2E-08	1.9E-07	1.8E-09	5.1E-08	1.2E-07	2.8E-11	3.1E-08	7.3E-08	1.0E-07
510	SCH_	652096.56	4220462.55	652096.56, 4	0.000238735	0.000197177	4.80E-04	3.8E-08	3.1E-08	7.6E-08	5.9E-10	2.0E-08	4.8E-08	9.3E-12	1.2E-08	2.9E-08	4.1E-08
511	SCH_	652116.56	4220462.55	652116.56, 4	0.000249779	0.000205578	5.00E-04	3.9E-08	3.2E-08	7.9E-08	6.2E-10	2.0E-08	4.9E-08	9.7E-12	1.2E-08	3.0E-08	4.3E-08
512	SCH_	652136.56	4220462.55	652136.56, 4	0.000261693	0.000214477	5.21E-04	4.1E-08	3.4E-08	8.2E-08	6.5E-10	2.1E-08	5.2E-08	1.0E-11	1.3E-08	3.2E-08	4.5E-08
513	SCH_	652156.56	4220462.55	652156.56, 4	0.000274508	0.000223722	5.43E-04	4.3E-08	3.5E-08	8.6E-08	6.8E-10	2.2E-08	5.4E-08	1.1E-11	1.4E-08	3.3E-08	4.7E-08
514	SCH_	652176.56	4220462.55	652176.56, 4	0.000288385	0.000233922	5.67E-04	4.5E-08	3.7E-08	8.9E-08	7.1E-10	2.3E-08	5.6E-08	1.1E-11	1.4E-08	3.4E-08	4.9E-08
515	SCH_	652196.56	4220462.55	652196.56, 4	0.000303389	0.000244547	5.93E-04	4.8E-08	3.9E-08	9.3E-08	7.5E-10	2.4E-08	5.9E-08	1.2E-11	1.5E-08	3.6E-08	5.1E-08
516	SCH_	652216.56	4220462.55	652216.56, 4	0.000319617	0.00025583	6.20E-04	5.0E-08	4.0E-08	9.8E-08	7.9E-10	2.5E-08	6.1E-08	1.2E-11	1.6E-08	3.8E-08	5.3E-08
517	SCH_	652236.56	4220462.55	652236.56, 4	0.000337196	0.000267996	6.49E-04	5.3E-08	4.2E-08	1.0E-07	8.3E-10	2.7E-08	6.4E-08	1.3E-11	1.6E-08	3.9E-08	5.6E-08
518	SCH_	652256.56	4220462.55	652256.56, 4	0.000356257	0.000281104	6.80E-04	5.6E-08	4.4E-08	1.1E-07	8.8E-10	2.8E-08	6.7E-08	1.4E-11	1.7E-08	4.1E-08	5.8E-08
519	SCH_	652276.56	4220462.55	652276.56, 4	0.000376927	0.000294841	7.14E-04	5.9E-08	4.6E-08	1.1E-07	9.3E-10	2.9E-08	7.1E-08	1.5E-11	1.8E-08	4.3E-08	6.1E-08
520	SCH_	652296.56	4220462.55	652296.56, 4	0.000399335	0.000309631	7.49E-04	6.3E-08	4.9E-08	1.2E-07	9.9E-10	3.1E-08	7.4E-08	1.6E-11	1.9E-08	4.5E-08	6.4E-08
521	SCH_	652316.56	4220462.55	652316.56, 4	0.000423643	0.000325524	7.87E-04	6.7E-08	5.1E-08	1.2E-07	1.0E-09	3.2E-08	7.8E-08	1.6E-11	2.0E-08	4.8E-08	6.8E-08
522	SCH_	652336.56	4220462.55	652336.56, 4	0.000449979	0.00034261	8.27E-04	7.1E-08	5.4E-08	1.3E-07	1.1E-09	3.4E-08	8.2E-08	1.8E-11	2.1E-08	5.0E-08	7.1E-08
523	SCH_	652356.56	4220462.55	652356.56, 4	0.000478536	0.000360748	8.69E-04	7.5E-08	5.7E-08	1.4E-07	1.2E-09	3.6E-08	8.6E-08	1.9E-11	2.2E-08	5.3E-08	7.5E-08
524	SCH_	652376.56	4220462.55	652376.56, 4	0.000509411	0.000380425	9.13E-04	8.0E-08	6.0E-08	1.4E-07	1.3E-09	3.8E-08	9.0E-08	2.0E-11	2.3E-08	5.5E-08	7.9E-08
525	SCH_	652396.56	4220462.55	652396.56, 4	0.000542797	0.000401436	9.60E-04	8.6E-08	6.3E-08	1.5E-07	1.3E-09	4.0E-08	9.5E-08	2.1E-11	2.4E-08	5.8E-08	8.3E-08
526	SCH_	652416.56	4220462.55	652416.56, 4	0.000578822	0.000424393	1.01E-03	9.1E-08	6.7E-08	1.6E-07	1.4E-09	4.2E-08	1.0E-07	2.3E-11	2.6E-08	6.1E-08	8.7E-08
527	SCH_	652436.56	4220462.55	652436.56, 4	0.000617584	0.000448847	1.06E-03	9.7E-08	7.1E-08	1.7E-07	1.5E-09	4.4E-08	1.1E-07	2.4E-11	2.7E-08	6.4E-08	9.2E-08
528	SCH_	652456.56	4220462.55	652456.56, 4	0.000659113	0.000475282	1.11E-03	1.0E-07	7.5E-08	1.8E-07	1.6E-09	4.7E-08	1.1E-07	2.6E-11	2.9E-08	6.8E-08	9.6E-08
529	SCH_	652476.56	4220462.55	652476.56, 4	0.000703475	0.000503793	1.17E-03	1.1E-07	7.9E-08	1.8E-07	1.7E-09	5.0E-08	1.2E-07	2.7E-11	3.1E-08	7.1E-08	1.0E-07
530	SCH_	652096.56	4220482.55	652096.56, 4	0.000241469	0.000196069	4.79E-04	3.8E-08	3.1E-08	7.5E-08	6.0E-10	1.9E-08	4.7E-08	9.4E-12	1.2E-08	2.9E-08	4.1E-08
531	SCH_	652116.56	4220482.55	652116.56, 4	0.000252706	0.000204317	4.98E-04	4.0E-08	3.2E-08	7.8E-08	6.3E-10	2.0E-08	4.9E-08	9.8E-12	1.2E-08	3.0E-08	4.3E-08
532	SCH_	652136.56	4220482.55	652136.56, 4	0.000264749	0.000213032	5.19E-04	4.2E-08	3.4E-08	8.2E-08	6.6E-10	2.1E-08	5.1E-08	1.0E-11	1.3E-08	3.2E-08	4.4E-08
533	SCH_	652156.56	4220482.55	652156.56, 4	0.000277756	0.000222251	5.41E-04	4.4E-08	3.5E-08	8.5E-08	6.9E-10	2.2E-08	5.4E-08	1.1E-11	1.3E-08	3.3E-08	4.6E-08
534	SCH_	652176.56	4220482.55	652176.56, 4	0.000291794	0.000232022	5.65E-04	4.6E-08	3.7E-08	8.9E-08	7.2E-10	2.3E-08	5.6E-08	1.1E-11	1.4E-08	3.4E-08	4.8E-08
535	SCH_	652196.56	4220482.55	652196.56, 4	0.000306959	0.000242354	5.90E-04	4.8E-08	3.8E-08	9.3E-08	7.6E-10	2.4E-08	5.8E-08	1.2E-11	1.5E-08	3.6E-08	5.1E-08
536	SCH_	652216.56	4220482.55	652216.56, 4	0.000323283	0.000253484	6.17E-04	5.1E-08	4.0E-08	9.7E-08	8.0E-10	2.5E-08	6.1E-08	1.3E-11	1.5E-08	3.7E-08	5.3E-08
537	SCH_	652236.56	4220482.55	652236.56, 4	0.000340959	0.000265266	6.45E-04	5.4E-08	4.2E-08	1.0E-07	8.4E-10	2.6E-08	6.4E-08	1.3E-11	1.6E-08	3.9E-08	5.5E-08
538	SCH_	652256.56	4220482.55	652256.56, 4	0.000360051	0.000277939	6.76E-04	5.7E-08	4.4E-08	1.1E-07	8.9E-10	2.8E-08	6.7E-08	1.4E-11	1.7E-08	4.1E-08	5.8E-08
539	SCH_	652276.56	4220482.55	652276.56, 4	0.000380657	0.000291352	7.08E-04	6.0E-08	4.6E-08	1.1E-07	9.4E-10	2.9E-08	7.0E-08	1.5E-11	1.8E-08	4.3E-08	6.1E-08
540	SCH_	652296.56	4220482.55	652296.56, 4	0.000402936	0.000305554	7.42E-04	6.3E-08	4.8E-08	1.2E-07	1.0E-09	3.0E-08	7.3E-08	1.6E-11	1.9E-08	4.5E-08	6.4E-08
541	SCH_	652316.56	4220482.55	652316.56, 4	0.000426986	0.000320972	7.77E-04	6.7E-08	5.1E-08	1.2E-07	1.1E-09	3.2E-08	7.7E-08	1.7E-11	1.9E-08	4.7E-08	6.7E-08
542	SCH_	652336.56	4220482.55	652336.56, 4	0.000452903	0.000337285	8.15E-04	7.1E-08	5.3E-08	1.3E-07	1.1E-09	3.3E-08	8.1E-08	1.8E-11	2.0E-08	4.9E-08	7.0E-08
543	SCH_	652356.56	4220482.55	652356.56, 4	0.000480816	0.00035473	8.55E-04	7.6E-08	5.6E-08	1.3E-07	1.2E-09	3.5E-08	8.5E-08	1.9E-11	2.2E-08	5.2E-08	7.3E-08
544	SCH_	652376.56	4220482.55	652376.56, 4	0.000510853	0.000373401	8.96E-04	8.0E-08	5.9E-08	1.4E-07	1.3E-09	3.7E-08	8.9E-08	2.0E-11	2.3E-08	5.4E-08	7.7E-08
545	SCH_	652396.56	4220482.55	652396.56, 4	0.000543144	0.000393472	9.40E-04	8.6E-08	6.2E-08	1.5E-07	1.3E-09	3.9E-08	9.3E-08	2.1E-11	2.4E-08	5.7E-08	8.1E-08
546	SCH_	652416.56	4220482.55	652416.56, 4	0.000577655	0.00041491	9.84E-04	9.1E-08	6.5E-08	1.6E-07	1.4E-09	4.1E-08	9.7E-08	2.2E-11	2.5E-08	6.0E-08	8.5E-08
547	SCH_	652436.56	4220482.55	652436.56, 4	0.000614517	0.000437862	1.03E-03	9.7E-08	6.9E-08	1.6E-07	1.5E-09	4.3E-08	1.0E-07	2.4E-11	2.7E-08	6.2E-08	8.9E-08
548	SCH_	652456.56	4220482.55	652456.56, 4	0.000653727	0.000462719	1.08E-03	1.0E-07	7.3E-08	1.7E-07	1.6E-09	4.6E-08	1.1E-07	2.5E-11	2.8E-08	6.5E-08	9.3E-08
549	SCH_	652476.56	4220482.55	652476.56, 4	0.000695191	0.000489204	1.12E-03	1.1E-07	7.7E-08	1.8E-07	1.7E-09	4.8E-08	1.1E-07	2.7E-11	3.0E-08	6.8E-08	9.8E-08
550	SCH_	652216.56	4220502.55	652216.56, 4	0.000326756	0.000250832	6.13E-04	5.1E-08	4.0E-08	9.7E-08	8.1E-10	2.5E-08	6.1E-08	1.3E-11	1.5E-08	3.7E-08	5.2E-08
551	SCH_	652236.56	4220502.55	652236.56, 4	0.0003444	0.000262385	6.41E-04	5.4E-08	4.1E-08	1.0E-07	8.5E-10	2.6E-08	6.3E-08	1.3E-11	1.6E-08	3.9E-08	5.5E-08
552	SCH_	652256.56	4220502.55	652256.56, 4	0.000363427	0.000274384	6.70E-04	5.7E-08	4.3E-08	1.1E-07	9.0E-10	2.7E-08	6.6E-08	1.4E-11	1.7E-08	4.1E-08	5.7E-08
553	SCH_	652276.56	4220502.55	652276.56, 4	0.000383871	0.000287438	7.00E-04	6.0E-08	4.5E-08	1.1E-07	9.5E-10	2.8E-08	6.9E-08	1.5E-11	1.7E-08	4.3E-08	6.0E-08
554	SCH_	652296.56	4220502.55	652296.56, 4	0.000405861	0.000301204	7.33E-04	6.4E-08	4.7E-08	1.2E-07	1.0E-09	3.0E-08	7.3E-08	1.6E-11	1.8E-08	4.4E-08	6.3E-08
555	SCH_	652316.56	4220502.55	652316.56, 4	0.00042946	0.000315909	7.67E-04	6.8E-08	5.0E-08	1.2E-07	1.1E-09	3.1E-08	7.6E-08	1.7E-11	1.9E-08	4.7E-08	6.6E-08
556	SCH_	652336.56	4220502.55	652336.56, 4	0.000454797	0.000331428	8.02E-04	7.2E-08	5.2E-08	1.3E-07	1.1E-09	3.3E-08	7.9E-08	1.8E-11	2.0E-08	4.9E-08	6.9E-08
557	SCH_	652356.56	4220502.55	652356.56, 4	0.000481936	0.000347974	8.39E-04	7.6E-08	5.5E-08	1.3E-07	1.2E-09	3.4E-08	8.3E-08	1.9E-11	2.1E-08	5.1E-08	7.2E-08
558	SCH_	652376.56	4220502.55	652376.56, 4	0.000510911	0.000365867	8.77E-04	8.0E-08	5.8E-08	1.4E-07	1.3E-09	3.6E-08	8.7E-08	2.0E-11	2.2E-08	5.3E-08	7.5E-08
559	SCH_	652396.56	4220502.55	652396.56, 4	0.000541849	0.000384731	9.16E-04	8.5E-08	6.1E-08	1.4E-07	1.3E-09	3.8E-08	9.1E-08	2.1E-11	2.3E-08	5.6E-08	7.9E-08
560	SCH_	652416.56	4220502.55	652416.56, 4	0.000574686	0.000404868	9.56E-04	9.1E-08	6.4E-08	1.5E-07	1.4E-09	4.0E-08	9.5E-08	2.2E-11	2.5E-08	5.8E-08	8.3E-08
561	SCH_	652436.56	4220502.55	652436.56, 4	0.000609486	0.000426366	9.97E-04	9.6E-08	6.7E-08	1.6E-07	1.5E-09	4.2E-08	9.9E-08	2.4E-11	2.6E-08	6.0E-08	8.6E-08
562	SCH_	652456.56	4220502.55	652456.56, 4	0.000646153	0.00044937	1.04E-03	1.0E-07	7.1E-08	1.6E-07	1.6E-09	4.4E-08	1.0E-07	2.5E-11	2.7E-08	6.3E-08	9.0E-08
563	SCH_	652476.56	4220502.55	652476.56, 4	0.000684622	0.000473882	1.08E-03	1.1E-07	7.5E-08	1.7E-07	1.7E-09	4.7E-08	1.1E-07	2.7E-11	2.9E-08	6.5E-08	9.4E-08
564	SCH_	652396.56	4220522.55	652396.56, 4	0.000538912	0.000375471	8.91E-04	8.5E-08	5.9E-08	1.4E-07	1.3E-09	3.7E-08	8.8E-08	2.1E-11	2.3E-08	5.4E-08	7.7E-08
565	SCH_	652416.56	4220522.55	652416.56, 4	0.000569946	0.000394326	9.26E-04	9.0E-08	6.2E-08	1.5E-07	1.4E-09	3.9E-08	9.2E-08	2.2E-11	2.4E-08	5.6E-08	8.0E-08
566	SCH_	652436.56	4220522.55	652436.56, 4	0.000602557	0.000414176	9.62E-04	9.5E-08	6.5E-08	1.5E-07	1.5E-09	4.1E-08	9.5E-08	2.3E-11	2.5E-08	5.8E-08	8.4E-08
567	SCH_	652456.56	4220522.55	652456.56, 4	0.000636615	0.00043537	9.97E-04	1.0E-07	6.9E-08	1.6E-07	1.6E-09	4.3E-08	9.9E-08	2.5E-11	2.6E-08	6.0E-08	8.7E-08
568	SCH_	652476.56	4220522.55	652476.56, 4	0.000671961	0.000457855	1.03E-03	1.1E-07	7.2E-08	1.6E-07	1.7E-09	4.5E-08	1.0E-07	2.6E-11	2.8E-08	6.3E-08	9.0E-08

Residential DOSEair =	**(Cair*(BR/BW)*A*EF*10^{-6})**	
A	1	Inhalation absorption factor[1]
EF	0.68	Exposure frequency (250/year)[2]
WAF	1	Worker Adjustment Factor[10]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk =	**DOSEair * CPF * ASF * ED/AT * FAH**	
CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED (Const)	ED (Ops)
Worker	230	1	1	1	40
Worker (Combined)	230	1	1	1	39

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Student Risk

	Discrete Receptor ID	X	Y	X, Y	Concentration [ug/m^3] Construction Total	Concentration [ug/m^3] Operations (DPM) Total	Concentration [ug/m^3] Operations (Benzene) Total	Student Dose Construction	Student Dose Operations (DPM)	Student Dose Operations (Benzene)	Student Risk Construction	Student Risk Operations (DPM)	Student Risk Operations (Benzene)	Student Risk (Combined) Construction	Student Risk (Combined) Operations (DPM)	Student Risk (Combined) Operations (Benzene)	Student Risk (Combined) Total Combined Risk
1	RES1_	652763.96	4219991.3	652763.96, 4	0.002686311	0.003176634	3.76E-03	8.5E-07	1.0E-06	1.2E-06	4.0E-08	4.3E-07	5.0E-07	4.0E-08	3.8E-07	4.5E-07	8.7E-07
2	RES1_	652783.96	4219991.3	652783.96, 4	0.003255948	0.003053554	4.34E-03	1.0E-06	9.6E-07	1.4E-06	4.8E-08	4.1E-07	5.8E-07	4.8E-08	3.6E-07	5.2E-07	9.3E-07
3	RES1_	652803.96	4219991.3	652803.96, 4	0.004080711	0.00313026	5.13E-03	1.3E-06	9.9E-07	1.6E-06	6.1E-08	4.2E-07	6.9E-07	6.1E-08	3.7E-07	6.1E-07	1.0E-06
4	RES1_	652823.96	4219991.3	652823.96, 4	0.005321163	0.003429045	6.20E-03	1.7E-06	1.1E-06	2.0E-06	7.9E-08	4.6E-07	8.3E-07	7.9E-08	4.1E-07	7.4E-07	1.2E-06
5	RES1_	652843.96	4219991.3	652843.96, 4	0.007310234	0.004037301	7.60E-03	2.3E-06	1.3E-06	2.4E-06	1.1E-07	5.4E-07	1.0E-06	1.1E-07	4.8E-07	9.0E-07	1.5E-06
6	RES1_	652763.96	4220011.3	652763.96, 4	0.002931154	0.003473942	4.27E-03	9.3E-07	1.1E-06	1.3E-06	4.4E-08	4.7E-07	5.7E-07	4.4E-08	4.1E-07	5.1E-07	9.6E-07
7	RES1_	652783.96	4220011.3	652783.96, 4	0.003654107	0.003381707	4.96E-03	1.2E-06	1.1E-06	1.6E-06	5.4E-08	4.5E-07	6.6E-07	5.4E-08	4.0E-07	5.9E-07	1.0E-06
8	RES1_	652803.96	4220011.3	652803.96, 4	0.00475089	0.003552	5.91E-03	1.5E-06	1.1E-06	1.9E-06	7.1E-08	4.8E-07	7.9E-07	7.1E-08	4.2E-07	7.0E-07	1.2E-06
9	RES1_	652823.96	4220011.3	652823.96, 4	0.006547225	0.004064271	7.22E-03	2.1E-06	1.3E-06	2.3E-06	9.7E-08	5.4E-07	9.7E-07	9.7E-08	4.8E-07	8.6E-07	1.4E-06
10	RES1_	652843.96	4220011.3	652843.96, 4	0.009896435	0.005274455	9.09E-03	3.1E-06	1.7E-06	2.9E-06	1.5E-07	7.1E-07	1.2E-06	1.5E-07	6.3E-07	1.1E-06	1.9E-06
11	RES1_	652763.96	4220031.3	652763.96, 4	0.003165116	0.003775881	4.92E-03	1.0E-06	1.2E-06	1.6E-06	4.7E-08	5.1E-07	6.6E-07	4.7E-08	4.5E-07	5.9E-07	1.1E-06
12	RES1_	652783.96	4220031.3	652783.96, 4	0.004056558	0.003706343	5.79E-03	1.3E-06	1.2E-06	1.8E-06	6.0E-08	5.0E-07	7.8E-07	6.0E-08	4.4E-07	6.9E-07	1.2E-06
13	RES1_	652803.96	4220031.3	652803.96, 4	0.00545786	0.003962613	6.95E-03	1.7E-06	1.3E-06	2.2E-06	8.1E-08	5.3E-07	9.3E-07	8.1E-08	4.7E-07	8.3E-07	1.4E-06
14	RES1_	652823.96	4220031.3	652823.96, 4	0.007916285	0.004672001	8.60E-03	2.5E-06	1.5E-06	2.7E-06	1.2E-07	6.3E-07	1.2E-06	1.2E-07	5.6E-07	1.0E-06	1.7E-06
15	RES1_	652843.96	4220031.3	652843.96, 4	0.013025503	0.006356661	1.11E-02	4.1E-06	2.0E-06	3.5E-06	1.9E-07	8.5E-07	1.5E-06	1.9E-07	7.6E-07	1.3E-06	2.3E-06
16	RES1_	652763.96	4220051.3	652763.96, 4	0.003393673	0.004095617	5.77E-03	1.1E-06	1.3E-06	1.8E-06	5.0E-08	5.5E-07	7.7E-07	5.0E-08	4.9E-07	6.9E-07	1.2E-06
17	RES1_	652783.96	4220051.3	652783.96, 4	0.00445417	0.004019236	6.89E-03	1.4E-06	1.3E-06	2.2E-06	6.6E-08	5.4E-07	9.2E-07	6.6E-08	4.8E-07	8.2E-07	1.4E-06
18	RES1_	652803.96	4220051.3	652803.96, 4	0.006172707	0.004325266	8.42E-03	1.9E-06	1.4E-06	2.7E-06	9.2E-08	5.8E-07	1.1E-06	9.2E-08	5.1E-07	1.0E-06	1.6E-06
19	RES1_	652823.96	4220051.3	652823.96, 4	0.009306303	0.00509782	1.06E-02	2.9E-06	1.6E-06	3.3E-06	1.4E-07	6.8E-07	1.4E-06	1.4E-07	6.1E-07	1.3E-06	2.0E-06
20	RES1_	652843.96	4220051.3	652843.96, 4	0.015725483	0.006652735	1.39E-02	5.0E-06	2.1E-06	4.4E-06	2.3E-07	8.9E-07	1.9E-06	2.3E-07	7.9E-07	1.7E-06	2.7E-06
21	RES1_	652763.96	4220071.3	652763.96, 4	0.003620352	0.004433138	6.74E-03	1.1E-06	1.4E-06	2.1E-06	5.4E-08	5.9E-07	9.0E-07	5.4E-08	5.3E-07	8.0E-07	1.4E-06
22	RES1_	652783.96	4220071.3	652783.96, 4	0.004826282	0.004336174	8.27E-03	1.5E-06	1.4E-06	2.6E-06	7.2E-08	5.8E-07	1.1E-06	7.2E-08	5.2E-07	9.8E-07	1.6E-06
23	RES1_	652803.96	4220071.3	652803.96, 4	0.006813436	0.004658375	1.04E-02	2.2E-06	1.5E-06	3.3E-06	1.0E-07	6.2E-07	1.4E-06	1.0E-07	5.5E-07	1.2E-06	1.9E-06
24	RES1_	652823.96	4220071.3	652823.96, 4	0.010432536	0.005386288	1.36E-02	3.3E-06	1.7E-06	4.3E-06	1.6E-07	7.2E-07	1.8E-06	1.6E-07	6.4E-07	1.6E-06	2.4E-06
25	RES1_	652763.96	4220091.3	652763.96, 4	0.003833179	0.004802816	7.65E-03	1.2E-06	1.5E-06	2.4E-06	5.7E-08	6.4E-07	1.0E-06	5.7E-08	5.7E-07	9.1E-07	1.5E-06
26	RES1_	652783.96	4220091.3	652783.96, 4	0.005138417	0.004696329	9.64E-03	1.6E-06	1.5E-06	3.0E-06	7.6E-08	6.3E-07	1.3E-06	7.6E-08	5.6E-07	1.1E-06	1.8E-06
27	RES1_	652803.96	4220091.3	652803.96, 4	0.007278929	0.005047399	1.26E-02	2.3E-06	1.6E-06	4.0E-06	1.1E-07	6.8E-07	1.7E-06	1.1E-07	6.0E-07	1.5E-06	2.2E-06
28	RES1_	652823.96	4220091.3	652823.96, 4	0.011075221	0.005710234	1.73E-02	3.5E-06	1.8E-06	5.5E-06	1.6E-07	7.6E-07	2.3E-06	1.6E-07	6.8E-07	2.1E-06	2.9E-06
29	RES1_	652843.96	4220091.3	652843.96, 4	0.017956981	0.006881359	2.53E-02	5.7E-06	2.2E-06	8.0E-06	2.7E-07	9.2E-07	3.4E-06	2.7E-07	8.2E-07	3.0E-06	4.1E-06
30	RES1_	652763.96	4220111.3	652763.96, 4	0.004006895	0.005262528	8.24E-03	1.3E-06	1.7E-06	2.6E-06	6.0E-08	7.0E-07	1.1E-06	6.0E-08	6.3E-07	9.8E-07	1.7E-06
31	RES1_	652783.96	4220111.3	652783.96, 4	0.005350088	0.005239423	1.05E-02	1.7E-06	1.7E-06	3.3E-06	8.0E-08	7.0E-07	1.4E-06	8.0E-08	6.2E-07	1.3E-06	2.0E-06
32	RES1_	652803.96	4220111.3	652803.96, 4	0.007485202	0.005722464	1.41E-02	2.4E-06	1.8E-06	4.4E-06	1.1E-07	7.7E-07	1.9E-06	1.1E-07	6.8E-07	1.7E-06	2.5E-06
33	RES1_	652823.96	4220111.3	652823.96, 4	0.011139694	0.006332704	1.99E-02	3.5E-06	2.0E-06	6.3E-06	1.7E-07	8.5E-07	2.7E-06	1.7E-07	7.5E-07	2.4E-06	3.3E-06
34	RES1_	652843.96	4220111.3	652843.96, 4	0.017614131	0.007291982	3.07E-02	5.6E-06	2.3E-06	9.7E-06	2.6E-07	9.8E-07	4.1E-06	2.6E-07	8.7E-07	3.7E-06	4.8E-06
35	RES1_	652783.96	4220131.3	652783.96, 4	0.005446398	0.006733744	1.09E-02	1.7E-06	2.1E-06	3.4E-06	8.1E-08	9.0E-07	1.5E-06	8.1E-08	8.0E-07	1.3E-06	2.2E-06
36	RES1_	652803.96	4220131.3	652803.96, 4	0.007442429	0.007514268	1.45E-02	2.3E-06	2.4E-06	4.6E-06	1.1E-07	1.0E-06	1.9E-06	1.1E-07	8.9E-07	1.7E-06	2.7E-06
37	RES1_	652823.96	4220131.3	652823.96, 4	0.010676908	0.008006403	2.05E-02	3.4E-06	2.5E-06	6.5E-06	1.6E-07	1.1E-06	2.8E-06	1.6E-07	9.5E-07	2.4E-06	3.6E-06
38	RES3_	653217.5	4220029.01	653217.5, 42	0.034317585	0.001368862	4.80E-03	1.1E-05	4.3E-07	1.5E-06	5.1E-07	1.8E-07	6.4E-07	5.1E-07	1.6E-07	5.7E-07	1.2E-06
39	RES3_	653237.5	4220029.01	653237.5, 42	0.02170809	0.001218305	4.21E-03	6.9E-06	3.8E-07	1.3E-06	3.2E-07	1.6E-07	5.6E-07	3.2E-07	1.5E-07	5.0E-07	9.7E-07
40	RES3_	653257.5	4220029.01	653257.5, 42	0.014142599	0.001091279	3.73E-03	4.5E-06	3.4E-07	1.2E-06	2.1E-07	1.5E-07	5.0E-07	2.1E-07	1.3E-07	4.4E-07	7.8E-07
41	RES3_	653277.5	4220029.01	653277.5, 42	0.010044816	0.000985202	3.34E-03	3.2E-06	3.1E-07	1.1E-06	1.5E-07	1.3E-07	4.5E-07	1.5E-07	1.2E-07	4.0E-07	6.6E-07
42	RES3_	653297.5	4220029.01	653297.5, 42	0.00758636	0.000895392	3.00E-03	2.4E-06	2.8E-07	9.5E-07	1.1E-07	1.2E-07	4.0E-07	1.1E-07	1.1E-07	3.6E-07	5.8E-07
43	RES3_	653217.5	4220049.01	653217.5, 42	0.029722851	0.001319479	4.77E-03	9.4E-06	4.2E-07	1.5E-06	4.4E-07	1.8E-07	6.4E-07	4.4E-07	1.6E-07	5.7E-07	1.2E-06
44	RES3_	653237.5	4220049.01	653237.5, 42	0.01718189	0.001180815	4.19E-03	5.4E-06	3.7E-07	1.3E-06	2.6E-07	1.6E-07	5.6E-07	2.6E-07	1.4E-07	5.0E-07	8.9E-07
45	RES3_	653257.5	4220049.01	653257.5, 42	0.011566911	0.00106445	3.72E-03	3.7E-06	3.4E-07	1.2E-06	1.7E-07	1.4E-07	5.0E-07	1.7E-07	1.3E-07	4.4E-07	7.4E-07
46	RES3_	653277.5	4220049.01	653277.5, 42	0.008478328	0.000965007	3.32E-03	2.7E-06	3.0E-07	1.0E-06	1.3E-07	1.3E-07	4.4E-07	1.3E-07	1.1E-07	4.0E-07	6.4E-07
47	RES3_	653297.5	4220049.01	653297.5, 42	0.006560156	0.000879877	2.99E-03	2.1E-06	2.8E-07	9.4E-07	9.8E-08	1.2E-07	4.0E-07	9.8E-08	1.0E-07	3.6E-07	5.6E-07
48	RES3_	653217.5	4220069.01	653217.5, 42	0.017367379	0.001270384	4.70E-03	5.5E-06	4.0E-07	1.5E-06	2.6E-07	1.7E-07	6.3E-07	2.6E-07	1.5E-07	5.6E-07	9.7E-07
49	RES3_	653237.5	4220069.01	653237.5, 42	0.012108745	0.001142601	4.14E-03	3.8E-06	3.6E-07	1.3E-06	1.8E-07	1.5E-07	5.5E-07	1.8E-07	1.4E-07	4.9E-07	8.1E-07
50	RES3_	653257.5	4220069.01	653257.5, 42	0.008944385	0.001034905	3.68E-03	2.8E-06	3.3E-07	1.2E-06	1.3E-07	1.4E-07	4.9E-07	1.3E-07	1.2E-07	4.4E-07	6.9E-07
51	RES3_	653277.5	4220069.01	653277.5, 42	0.006915606	0.000941922	3.29E-03	2.2E-06	3.0E-07	1.0E-06	1.0E-07	1.3E-07	4.4E-07	1.0E-07	1.1E-07	3.9E-07	6.1E-07
52	RES3_	653297.5	4220069.01	653297.5, 42	0.005536816	0.000861455	2.97E-03	1.7E-06	2.7E-07	9.4E-07	8.2E-08	1.2E-07	4.0E-07	8.2E-08	1.0E-07	3.5E-07	5.4E-07
53	RES2_	653091.77	4220073.8	653091.77, 4	0.056934264	0.003047908	1.89E-02	1.8E-05	9.6E-07	6.0E-06	8.5E-07	4.1E-07	2.5E-06	8.5E-07	3.6E-07	2.3E-06	3.5E-06
54	RES2_	653107.01	4220074.09	653107.01, 4	0.046447959	0.002655116	1.37E-02	1.5E-05	8.4E-07	4.3E-06	6.9E-07	3.6E-07	1.8E-06	6.9E-07	3.2E-07	1.6E-06	2.6E-06
55	RES2_	653127.01	4220074.09	653127.01, 4	0.038470533	0.002256419	1.03E-02	1.2E-05	7.1E-07	3.2E-06	5.7E-07	3.0E-07	1.4E-06	5.7E-07	2.7E-07	1.2E-06	2.1E-06
56	RES2_	653147.01	4220074.09	653147.01, 4	0.033389698	0.001945312	8.24E-03	1.1E-05	6.1E-07	2.6E-06	5.0E-07	2.6E-07	1.1E-06	5.0E-07	2.3E-07	9.8E-07	1.7E-06
57	RES2_	653167.01	4220074.09	653167.01, 4	0.029254881	0.001697354	6.84E-03	9.2E-06	5.4E-07	2.2E-06	4.4E-07	2.3E-07	9.2E-07	4.4E-07	2.0E-07	8.1E-07	1.5E-06
58	RES2_	653187.01	4220074.09	653187.01, 4	0.024686947	0.001496623	5.81E-03	7.8E-06	4.7E-07	1.8E-06	3.7E-07	2.0E-07	7.8E-07	3.7E-07	1.8E-07	6.9E-07	1.2E-06
59	RES2_	653207.01	4220074.09	653207.01, 4	0.018273963	0.001331947	5.03E-03	5.8E-06	4.2E-07	1.6E-06	2.7E-07	1.8E-07	6.7E-07	2.7E-07	1.6E-07	6.0E-07	1.0E-06
60	RES2_	653226.41	4220070.49	653226.41, 4	0.014197521	0.001207112	4.43E-03	4.5E-06	3.8E-07	1.4E-06	2.1E-07	1.6E-07	5.9E-07	2.1E-07	1.4E-07	5.3E-07	8.8E-07
61	RES2_	653246.41	4220070.49	653246.41, 4	0.010275078	0.001089964	3.92E-03	3.2E-06	3.4E-07	1.2E-06	1.5E-07	1.5E-07	5.2E-07	1.5E-07	1.3E-07	4.7E-07	7.5E-07
62	RES2_	653266.41	4220070.49	653266.41, 4	0.007798015	0.000989569	3.50E-03	2.5E-06	3.1E-07	1.1E-06	1.2E-07	1.3E-07	4.7E-07	1.2E-07	1.2E-07	4.2E-07	6.5E-07
63	RES2_	653286.41	4220070.49	653286.41, 4	0.006151047	0.000902971	3.14E-03	1.9E-06	2.8E-07	9.9E-07	9.2E-08	1.2E-07	4.2E-07	9.2E-08	1.1E-07	3.7E-07	5.7E-07
64	RES2_	653306.41	4220070.49	653306.41, 4	0.004998427	0.000827464	2.84E-03	1.6E-06	2.6E-07	9.0E-07	7.4E-08	1.1E-07	3.8E-07	7.4E-08	9.8E-08	3.4E-07	5.1E-07
65	RES2_	653092.17	4220089.4	653092.17, 4	0.046772228	0.002772145	1.91E-02	1.5E-05	8.7E-07	6.0E-06	7.0E-07	3.7E-07	2.6E-06	7.0E-07	3.3E-07	2.3E-06	3.3E-06
66	RES2_	653107.41	4220089.69	653107.41, 4	0.035928902	0.002438549	1.33E-02	1.1E-05	7.7E-07	4.2E-06	5.3E-07	3.3E-07	1.8E-06	5.3E-07	2.9E-07	1.6E-06	2.4E-06
67	RES2_	653127.41	4220089.69	653127.41, 4	0.028124567	0.002096285	9.90E-03	8.9E-06	6.6E-07	3.1E-06	4.2E-07	2.8E-07	1.3E-06	4.2E-07	2.5E-07	1.2E-06	1.8E-06
68	RES2_	653147.41	4220089.69	653147.41, 4	0.023402948	0.001825458	7.96E-03	7.4E-06	5.8E-07	2.5E-06	3.5E-07	2.4E-07	1.1E-06	3.5E-07	2.2E-07	9.5E-07	1.5E-06
69	RES2_	653167.41	4220089.69	653167.41, 4	0.019715547	0.001606406	6.65E-03	6.2E-06	5.1E-07	2.1E-06	2.9E-07	2.2E-07	8.9E-07	2.9E-07	1.9E-07	7.9E-07	1.3E-06
70	RES2_	653187.41	4220089.69	653187.41, 4	0.016030982	0.001426377	5.67E-03	5.1E-06	4.5E-07	1.8E-06	2.4E-07	1.9E-07	7.6E-07	2.4E-07	1.7E-07	6.8E-07	1.1E-06
71	RES2_	653207.41	4220089.69	653207.41, 4	0.012412766	0.001276877	4.92E-03	3.9E-06	4.0E-07	1.6E-06	1.8E-07	1.7E-07	6.6E-07	1.8E-07	1.5E-07	5.9E-07	9.2E-07
72	RES2_	653226.41	4220090.49	653226.41, 4	0.009681396	0.001154267	4.34E-03	3.1E-06	3.6E-07	1.4E-06	1.4E-07	1.5E-07	5.8E-07	1.4E-07	1.4E-07	5.2E-07	8.0E-07
73	RES2_	653246.41	4220090.49	653246.41, 4	0.00766929	0.00104753	3.85E-03	2.4E-06	3.3E-07	1.2E-06	1.1E-07	1.4E-07	5.2E-07	1.1E-07	1.2E-07	4.6E-07	7.0E-07
74	RES2_	653266.41	4220090.49	653266.41, 4	0.006174743	0.000955411	3.44E-03	1.9E-06	3.0E-07	1.1E-06	9.2E-08	1.3E-07	4.6E-07	9.2E-08	1.1E-07	4.1E-07	6.2E-07
75	RES2_	653286.41	4220090.49	653286.41, 4	0.005066481	0.000875089	3.10E-03	1.6E-06	2.8E-07	9.8E-07	7.5E-08	1.2E-07	4.1E-07	7.5E-08	1.0E-07	3.7E-07	5.5E-07
76	RES2_	653306.41	4220090.49	653306.41, 4	0.004232128	0.000804738	2.81E-03	1.3E-06	2.5E-07	8.9E-07	6.3E-08	1.1E-07	3.8E-07	6.3E-08	9.6E-08	3.3E-07	4.9E-07
77	RES2_	653092.17	4220109.4	653092.17, 4	0.034558919	0.002422599	1.60E-02	1.1E-05	7.6E-07	5.1E-06	5.1E-07	3.2E-07	2.1E-06	5.1E-07	2.9E-07	1.9E-06	2.7E-06
78	RES2_	653107.41	4220109.69	653107.41, 4	0.025762968	0.002157331	1.18E-02	8.1E-06	6.8E-07	3.7E-06	3.8E-07	2.9E-07	1.6E-06	3.8E-07	2.6E-07	1.4E-06	2.0E-06
79	RES2_	653127.41	4220109.69	653127.41, 4	0.019707572	0.001882844	9.12E-03	6.2E-06	5.9E-07	2.9E-06	2.9E-07	2.5E-07	1.2E-06	2.9E-07	2.2E-07	1.1E-06	1.6E-06
80	RES2_	653147.41	4220109.69	653147.41, 4	0.016020232	0.001661387	7.49E-03	5.1E-06	5.2E-07	2.4E-06	2.4E-07	2.2E-07	1.0E-06	2.4E-07	2.0E-07	8.9E-07	1.3E-06
81	RES2_	653167.41	4220109.69	653167.41, 4	0.013188614	0.001478702	6.32E-03	4.2E-06	4.7E-07	2.0E-06	2.0E-07	2.0E-07	8.5E-07	2.0E-07	1.8E-07	7.5E-07	1.1E-06
82	RES2_	653187.41	4220109.69	653187.41, 4	0.01072075	0.001325638	5.44E-03	3.4E-06	4.2E-07	1.7E-06	1.6E-07	1.8E-07	7.3E-07	1.6E-07	1.6E-07	6.5E-07	9.6E-07
83	RES2_	653207.41	4220109.69	653207.41, 4	0.008706259	0.001196164	4.74E-03	2.7E-06	3.8E-07	1.5E-06	1.3E-07	1.6E-07	6.3E-07	1.3E-07	1.4E-07	5.6E-07	8.4E-07
84	RES2_	653226.41	4220110.49	653226.41, 4	0.007154088	0.001087957	4.20E-03	2.3E-06	3.4E-07	1.3E-06	1.1E-07	1.5E-07	5.6E-07	1.1E-07	1.3E-07	5.0E-07	7.4E-07
85	RES2_	653246.41	4220110.49	653246.41, 4	0.005944328	0.000993377	3.74E-03	1.9E-06	3.1E-07	1.2E-06	8.8E-08	1.3E-07	5.0E-07	8.8E-08	1.2E-07	4.4E-07	6.5E-07
86	RES2_	653266.41	4220110.49	653266.41, 4	0.004976351	0.00091089	3.35E-03	1.6E-06	2.9E-07	1.1E-06	7.4E-08	1.2E-07	4.5E-07	7.4E-08	1.1E-07	4.0E-07	5.8E-07
87	RES2_	653286.41	4220110.49	653286.41, 4	0.004205799	0.000838341	3.03E-03	1.3E-06	2.6E-07	9.5E-07	6.3E-08	1.1E-07	4.1E-07	6.3E-08	1.0E-07	3.6E-07	5.2E-07
88	RES2_	653306.41	4220110.49	653306.41, 4	0.003592981	0.000774001	2.75E-03	1.1E-06	2.4E-07	8.7E-07	5.3E-08	1.0E-07	3.7E-07	5.3E-08	9.2E-08	3.3E-07	4.7E-07
89	RES2_	653092.88	4220123.48	653092.88, 4	0.025052408	0.002172516	1.22E-02	7.9E-06	6.9E-07	3.8E-06	3.7E-07	2.9E-07	1.6E-06	3.7E-07	2.6E-07	1.4E-06	2.1E-06
90	RES2_	653108.12	4220123.76	653108.12, 4	0.019416748	0.001953524	1.01E-02	6.1E-06	6.2E-07	3.2E-06	2.9E-07	2.6E-07	1.4E-06	2.9E-07	2.3E-07	1.2E-06	1.7E-06
91	RES2_	653128.12	4220123.76	653128.12, 4	0.015242398	0.001723581	8.29E-03	4.8E-06	5.4E-07	2.6E-06	2.3E-07	2.3E-07	1.1E-06	2.3E-07	2.1E-07	9.9E-07	1.4E-06
92	RES2_	653148.12	4220123.76	653148.12, 4	0.012459771	0.001535604	6.96E-03	3.9E-06	4.8E-07	2.2E-06	1.9E-07	2.1E-07	9.3E-07	1.9E-07	1.8E-07	8.3E-07	1.2E-06
93	RES2_	653168.12	4220123.76	653168.12, 4	0.010276307	0.001378245	5.95E-03	3.2E-06	4.3E-07	1.9E-06	1.5E-07	1.8E-07	8.0E-07	1.5E-07	1.6E-07	7.1E-07	1.0E-06
94	RES2_	653188.12	4220123.76	653188.12, 4	0.008468927	0.001244705	5.17E-03	2.7E-06	3.9E-07	1.6E-06	1.3E-07	1.7E-07	6.9E-07	1.3E-07	1.5E-07	6.2E-07	8.9E-07
95	RES2_	653208.12	4220123.76	653208.12, 4	0.00704439	0.001130303	4.54E-03	2.2E-06	3.6E-07	1.4E-06	1.0E-07	1.5E-07	6.1E-07	1.0E-07	1.3E-07	5.4E-07	7.8E-07
96	RES2_	653227.12	4220124.56	653227.12, 4	0.005923056	0.001033111	4.04E-03	1.9E-06	3.3E-07	1.3E-06	8.8E-08	1.4E-07	5.4E-07	8.8E-08	1.2E-07	4.8E-07	6.9E-07
97	RES2_	653247.12	4220124.56	653247.12, 4	0.005030532	0.000947692	3.61E-03	1.6E-06	3.0E-07	1.1E-06	7.5E-08	1.3E-07	4.8E-07	7.5E-08	1.1E-07	4.3E-07	6.2E-07
98	RES2_	653267.12	4220124.56	653267.12, 4	0.004297675	0.000872564	3.25E-03	1.4E-06	2.8E-07	1.0E-06	6.4E-08	1.2E-07	4.3E-07	6.4E-08	1.0E-07	3.9E-07	5.5E-07
99	RES2_	653287.12	4220124.56	653287.12, 4	0.00369432	0.000805792	2.94E-03	1.2E-06	2.5E-07	9.3E-07	5.5E-08	1.1E-07	3.9E-07	5.5E-08	9.6E-08	3.5E-07	5.0E-07
100	RES2_	653307.12	4220124.56	653307.12, 4	0.003199127	0.000746534	2.68E-03	1.0E-06	2.4E-07	8.4E-07	4.8E-08	1.0E-07	3.6E-07	4.8E-08	8.9E-08	3.2E-07	4.6E-07
101	RES4_	652875.28	4219709.68	652875.28, 4	0.000784117	0.00070451	1.50E-03	2.5E-07	2.2E-07	4.7E-07	1.2E-08	9.4E-08	2.0E-07	1.2E-08	8.4E-08	1.8E-07	2.7E-07
102	RES4_	652895.28	4219709.68	652895.28, 4	0.000837316	0.000716727	1.54E-03	2.6E-07	2.3E-07	4.9E-07	1.2E-08	9.6E-08	2.1E-07	1.2E-08	8.5E-08	1.8E-07	2.8E-07
103	RES4_	652915.28	4219709.68	652915.28, 4	0.000899869	0.000731102	1.59E-03	2.8E-07	2.3E-07	5.0E-07	1.3E-08	9.8E-08	2.1E-07	1.3E-08	8.7E-08	1.9E-07	2.9E-07
104	RES4_	652935.28	4219709.68	652935.28, 4	0.000973186	0.000748437	1.66E-03	3.1E-07	2.4E-07	5.2E-07	1.4E-08	1.0E-07	2.2E-07	1.4E-08	8.9E-08	2.0E-07	3.0E-07

105	RES4_	652955.28	4219709.68	652955.28,	0.001057717	0.000767579	1.74E-03	3.3E-07	2.4E-07	5.5E-07	1.6E-08	1.0E-07	2.3E-07	1.6E-08	9.1E-08	2.1E-07	3.1E-07
106	RES4_	652975.28	4219709.68	652975.28,	0.001152943	0.000788936	1.84E-03	3.6E-07	2.5E-07	5.8E-07	1.7E-08	1.1E-07	2.5E-07	1.7E-08	9.4E-08	2.2E-07	3.3E-07
107	RES4_	652995.28	4219709.68	652995.28,	0.001257479	0.000809984	1.94E-03	4.0E-07	2.6E-07	6.1E-07	1.9E-08	1.1E-07	2.6E-07	1.9E-08	9.6E-08	2.3E-07	3.5E-07
108	RES4_	653015.28	4219709.68	653015.28,	0.001369039	0.00083101	2.04E-03	4.3E-07	2.6E-07	6.4E-07	2.0E-08	1.1E-07	2.7E-07	2.0E-08	9.9E-08	2.4E-07	3.6E-07
109	RES4_	652875.28	4219729.68	652875.28,	0.000873309	0.000774041	1.64E-03	2.8E-07	2.4E-07	5.2E-07	1.3E-08	1.0E-07	2.2E-07	1.3E-08	9.2E-08	2.0E-07	3.0E-07
110	RES4_	652895.28	4219729.68	652895.28,	0.00093687	0.000787165	1.68E-03	3.0E-07	2.5E-07	5.3E-07	1.4E-08	1.1E-07	2.3E-07	1.4E-08	9.4E-08	2.0E-07	3.1E-07
111	RES4_	652915.28	4219729.68	652915.28,	0.001012102	0.000802832	1.74E-03	3.2E-07	2.5E-07	5.5E-07	1.5E-08	1.1E-07	2.3E-07	1.5E-08	9.6E-08	2.1E-07	3.2E-07
112	RES4_	652935.28	4219729.68	652935.28,	0.001100451	0.000822466	1.82E-03	3.5E-07	2.6E-07	5.7E-07	1.6E-08	1.1E-07	2.4E-07	1.6E-08	9.8E-08	2.2E-07	3.3E-07
113	RES4_	652955.28	4219729.68	652955.28,	0.001202362	0.000844625	1.92E-03	3.8E-07	2.7E-07	6.1E-07	1.8E-08	1.1E-07	2.6E-07	1.8E-08	1.0E-07	2.3E-07	3.5E-07
114	RES4_	652975.28	4219729.68	652975.28,	0.001316805	0.000868731	2.03E-03	4.2E-07	2.7E-07	6.4E-07	2.0E-08	1.2E-07	2.7E-07	2.0E-08	1.0E-07	2.4E-07	3.7E-07
115	RES4_	652995.28	4219729.68	652995.28,	0.001441652	0.000892496	2.15E-03	4.6E-07	2.8E-07	6.8E-07	2.1E-08	1.2E-07	2.9E-07	2.1E-08	1.1E-07	2.6E-07	3.8E-07
116	RES4_	653015.28	4219729.68	653015.28,	0.001573844	0.0009156	2.26E-03	5.0E-07	2.9E-07	7.1E-07	2.3E-08	1.2E-07	3.0E-07	2.3E-08	1.1E-07	2.7E-07	4.0E-07
117	RES4_	652875.28	4219749.68	652875.28,	0.000978951	0.000853402	1.80E-03	3.1E-07	2.7E-07	5.7E-07	1.5E-08	1.1E-07	2.4E-07	1.5E-08	1.0E-07	2.1E-07	3.3E-07
118	RES4_	652895.28	4219749.68	652895.28,	0.001055835	0.000867438	1.85E-03	3.3E-07	2.7E-07	5.8E-07	1.6E-08	1.2E-07	2.5E-07	1.6E-08	1.0E-07	2.2E-07	3.4E-07
119	RES4_	652915.28	4219749.68	652915.28,	0.001147321	0.000885084	1.92E-03	3.6E-07	2.8E-07	6.1E-07	1.7E-08	1.2E-07	2.6E-07	1.7E-08	1.1E-07	2.3E-07	3.5E-07
120	RES4_	652935.28	4219749.68	652935.28,	0.001255078	0.000907866	2.01E-03	4.0E-07	2.9E-07	6.3E-07	1.9E-08	1.2E-07	2.7E-07	1.9E-08	1.1E-07	2.4E-07	3.7E-07
121	RES4_	652955.28	4219749.68	652955.28,	0.001379167	0.00093345	2.13E-03	4.4E-07	2.9E-07	6.7E-07	2.1E-08	1.2E-07	2.9E-07	2.1E-08	1.1E-07	2.5E-07	3.9E-07
122	RES4_	652975.28	4219749.68	652975.28,	0.00151788	0.000961215	2.26E-03	4.8E-07	3.0E-07	7.1E-07	2.3E-08	1.3E-07	3.0E-07	2.3E-08	1.1E-07	2.7E-07	4.1E-07
123	RES4_	652995.28	4219749.68	652995.28,	0.001668028	0.000988479	2.40E-03	5.3E-07	3.1E-07	7.6E-07	2.5E-08	1.3E-07	3.2E-07	2.5E-08	1.2E-07	2.9E-07	4.3E-07
124	RES4_	653015.28	4219749.68	653015.28,	0.00182552	0.001013996	2.51E-03	5.8E-07	3.2E-07	7.9E-07	2.7E-08	1.4E-07	3.4E-07	2.7E-08	1.2E-07	3.0E-07	4.5E-07
125	RES4_	652875.28	4219769.68	652875.28,	0.001105262	0.000943768	1.98E-03	3.5E-07	3.0E-07	6.2E-07	1.6E-08	1.3E-07	2.6E-07	1.6E-08	1.1E-07	2.4E-07	3.6E-07
126	RES4_	652895.28	4219769.68	652895.28,	0.001199428	0.00095939	2.04E-03	3.8E-07	3.0E-07	6.4E-07	1.8E-08	1.3E-07	2.7E-07	1.8E-08	1.1E-07	2.4E-07	3.7E-07
127	RES4_	652915.28	4219769.68	652915.28,	0.001312189	0.000979985	2.12E-03	4.1E-07	3.1E-07	6.7E-07	2.0E-08	1.3E-07	2.8E-07	2.0E-08	1.2E-07	2.5E-07	3.9E-07
128	RES4_	652935.28	4219769.68	652935.28,	0.001445277	0.001007084	2.24E-03	4.6E-07	3.2E-07	7.1E-07	2.2E-08	1.3E-07	3.0E-07	2.2E-08	1.2E-07	2.7E-07	4.1E-07
129	RES4_	652955.28	4219769.68	652955.28,	0.001598143	0.001037256	2.38E-03	5.0E-07	3.3E-07	7.5E-07	2.4E-08	1.4E-07	3.2E-07	2.4E-08	1.2E-07	2.8E-07	4.3E-07
130	RES4_	652975.28	4219769.68	652975.28,	0.001767854	0.001069153	2.54E-03	5.6E-07	3.4E-07	8.0E-07	2.6E-08	1.4E-07	3.4E-07	2.6E-08	1.3E-07	3.0E-07	4.6E-07
131	RES4_	652995.28	4219769.68	652995.28,	0.001949772	0.001101242	2.69E-03	6.2E-07	3.5E-07	8.5E-07	2.9E-08	1.5E-07	3.6E-07	2.9E-08	1.3E-07	3.2E-07	4.8E-07
132	RES4_	653015.28	4219769.68	653015.28,	0.002138423	0.001129562	2.82E-03	6.7E-07	3.6E-07	8.9E-07	3.2E-08	1.5E-07	3.8E-07	3.2E-08	1.3E-07	3.4E-07	5.0E-07
133	RES4_	652875.28	4219789.68	652875.28,	0.001257744	0.001047162	2.19E-03	4.0E-07	3.3E-07	6.9E-07	1.9E-08	1.4E-07	2.9E-07	1.9E-08	1.2E-07	2.6E-07	4.0E-07
134	RES4_	652895.28	4219789.68	652895.28,	0.001374794	0.001065749	2.27E-03	4.3E-07	3.4E-07	7.2E-07	2.0E-08	1.4E-07	3.0E-07	2.0E-08	1.3E-07	2.7E-07	4.2E-07
135	RES4_	652915.28	4219789.68	652915.28,	0.001515847	0.001091855	2.37E-03	4.8E-07	3.4E-07	7.5E-07	2.3E-08	1.5E-07	3.2E-07	2.3E-08	1.3E-07	2.8E-07	4.3E-07
136	RES4_	652935.28	4219789.68	652935.28,	0.001682605	0.00112383	2.50E-03	5.3E-07	3.5E-07	7.9E-07	2.5E-08	1.5E-07	3.4E-07	2.5E-08	1.3E-07	3.0E-07	4.6E-07
137	RES4_	652955.28	4219789.68	652955.28,	0.001873357	0.001160098	2.67E-03	5.9E-07	3.7E-07	8.4E-07	2.8E-08	1.6E-07	3.6E-07	2.8E-08	1.4E-07	3.2E-07	4.8E-07
138	RES4_	652975.28	4219789.68	652975.28,	0.002083175	0.001198287	2.86E-03	6.6E-07	3.8E-07	9.0E-07	3.1E-08	1.6E-07	3.8E-07	3.1E-08	1.4E-07	3.4E-07	5.1E-07
139	RES4_	652995.28	4219789.68	652995.28,	0.002305265	0.00123402	3.04E-03	7.3E-07	3.9E-07	9.6E-07	3.4E-08	1.7E-07	4.1E-07	3.4E-08	1.5E-07	3.6E-07	5.4E-07
140	RES4_	653015.28	4219789.68	653015.28,	0.002532447	0.001267133	3.18E-03	8.0E-07	4.0E-07	1.0E-06	3.8E-08	1.7E-07	4.3E-07	3.8E-08	1.5E-07	3.8E-07	5.7E-07
141	RES4_	652875.28	4219809.68	652875.28,	0.001444062	0.001166301	2.44E-03	4.6E-07	3.7E-07	7.7E-07	2.1E-08	1.6E-07	3.3E-07	2.1E-08	1.4E-07	2.9E-07	4.5E-07
142	RES4_	652895.28	4219809.68	652895.28,	0.001591849	0.00118982	2.53E-03	5.0E-07	3.8E-07	8.0E-07	2.4E-08	1.6E-07	3.4E-07	2.4E-08	1.4E-07	3.0E-07	4.7E-07
143	RES4_	652915.28	4219809.68	652915.28,	0.001771303	0.001222973	2.66E-03	5.6E-07	3.9E-07	8.4E-07	2.6E-08	1.6E-07	3.6E-07	2.6E-08	1.5E-07	3.2E-07	4.9E-07
144	RES4_	652935.28	4219809.68	652935.28,	0.001983705	0.00126327	2.83E-03	6.3E-07	4.0E-07	8.9E-07	3.0E-08	1.7E-07	3.8E-07	3.0E-08	1.5E-07	3.4E-07	5.2E-07
145	RES4_	652955.28	4219809.68	652955.28,	0.002225058	0.001308092	3.03E-03	7.0E-07	4.1E-07	9.6E-07	3.3E-08	1.8E-07	4.1E-07	3.3E-08	1.6E-07	3.6E-07	5.5E-07
146	RES4_	652975.28	4219809.68	652975.28,	0.002487313	0.001354515	3.26E-03	7.9E-07	4.3E-07	1.0E-06	3.7E-08	1.8E-07	4.4E-07	3.7E-08	1.6E-07	3.9E-07	5.9E-07
147	RES4_	652995.28	4219809.68	652995.28,	0.002760712	0.0013973	3.46E-03	8.7E-07	4.4E-07	1.1E-06	4.1E-08	1.9E-07	4.6E-07	4.1E-08	1.7E-07	4.1E-07	6.2E-07
148	RES4_	653015.28	4219809.68	653015.28,	0.003035791	0.001433327	3.60E-03	9.6E-07	4.5E-07	1.1E-06	4.5E-08	1.9E-07	4.8E-07	4.5E-08	1.7E-07	4.3E-07	6.4E-07
149	RES4_	652875.28	4219829.68	652875.28,	0.001674869	0.001305367	2.73E-03	5.3E-07	4.1E-07	8.6E-07	2.5E-08	1.7E-07	3.7E-07	2.5E-08	1.6E-07	3.3E-07	5.1E-07
150	RES4_	652895.28	4219829.68	652895.28,	0.001864983	0.001336689	2.85E-03	5.9E-07	4.2E-07	9.0E-07	2.8E-08	1.8E-07	3.8E-07	2.8E-08	1.6E-07	3.4E-07	5.3E-07
151	RES4_	652915.28	4219829.68	652915.28,	0.002097774	0.001380326	3.01E-03	6.6E-07	4.4E-07	9.5E-07	3.1E-08	1.8E-07	4.0E-07	3.1E-08	1.6E-07	3.6E-07	5.5E-07
152	RES4_	652935.28	4219829.68	652935.28,	0.002373105	0.00143245	3.22E-03	7.5E-07	4.5E-07	1.0E-06	3.5E-08	1.9E-07	4.3E-07	3.5E-08	1.7E-07	3.8E-07	5.9E-07
153	RES4_	652955.28	4219829.68	652955.28,	0.002683055	0.001488705	3.47E-03	8.5E-07	4.7E-07	1.1E-06	4.0E-08	2.0E-07	4.6E-07	4.0E-08	1.8E-07	4.1E-07	6.3E-07
154	RES4_	652975.28	4219829.68	652975.28,	0.00301471	0.001544519	3.74E-03	9.5E-07	4.9E-07	1.2E-06	4.5E-08	2.1E-07	5.0E-07	4.5E-08	1.8E-07	4.5E-07	6.7E-07
155	RES4_	652995.28	4219829.68	652995.28,	0.003354033	0.001597116	3.97E-03	1.1E-06	5.0E-07	1.3E-06	5.0E-08	2.1E-07	5.3E-07	5.0E-08	1.9E-07	4.7E-07	7.1E-07
156	RES4_	653015.28	4219829.68	653015.28,	0.003688887	0.001634492	4.12E-03	1.2E-06	5.2E-07	1.3E-06	5.5E-08	2.2E-07	5.5E-07	5.5E-08	1.9E-07	4.9E-07	7.4E-07
157	RES4_	652875.28	4219849.68	652875.28,	0.001965747	0.001469852	3.09E-03	6.2E-07	4.6E-07	9.7E-07	2.9E-08	2.0E-07	4.1E-07	2.9E-08	1.7E-07	3.7E-07	5.7E-07
158	RES4_	652895.28	4219849.68	652895.28,	0.002215699	0.001513807	3.24E-03	7.0E-07	4.8E-07	1.0E-06	3.3E-08	2.0E-07	4.3E-07	3.3E-08	1.8E-07	3.9E-07	6.0E-07
159	RES4_	652915.28	4219849.68	652915.28,	0.002524425	0.001573121	3.44E-03	8.0E-07	5.0E-07	1.1E-06	3.8E-08	2.1E-07	4.6E-07	3.8E-08	1.9E-07	4.1E-07	6.3E-07
160	RES4_	652935.28	4219849.68	652935.28,	0.002888536	0.001642106	3.70E-03	9.1E-07	5.2E-07	1.2E-06	4.3E-08	2.2E-07	5.0E-07	4.3E-08	2.0E-07	4.4E-07	6.8E-07
161	RES4_	652955.28	4219849.68	652955.28,	0.003292898	0.001714454	4.02E-03	1.0E-06	5.4E-07	1.3E-06	4.9E-08	2.3E-07	5.4E-07	4.9E-08	2.0E-07	4.8E-07	7.3E-07
162	RES4_	652975.28	4219849.68	652975.28,	0.003717129	0.001782946	4.34E-03	1.2E-06	5.6E-07	1.4E-06	5.5E-08	2.4E-07	5.8E-07	5.5E-08	2.1E-07	5.2E-07	7.8E-07
163	RES4_	652995.28	4219849.68	652995.28,	0.004141593	0.001844764	4.60E-03	1.3E-06	5.8E-07	1.5E-06	6.2E-08	2.5E-07	6.2E-07	6.2E-08	2.2E-07	5.5E-07	8.3E-07
164	RES4_	653015.28	4219849.68	653015.28,	0.004550997	0.001885239	4.74E-03	1.4E-06	6.0E-07	1.5E-06	6.8E-08	2.5E-07	6.3E-07	6.8E-08	2.2E-07	5.6E-07	8.6E-07
165	RES5_	653396.88	4219710.6	653396.88,	0.002073541	0.000542442	1.40E-03	6.5E-07	1.7E-07	4.4E-07	3.1E-08	7.3E-08	1.9E-07	3.1E-08	6.5E-08	1.7E-07	2.6E-07
166	RES5_	653416.88	4219710.6	653416.88,	0.00199312	0.000517878	1.35E-03	6.3E-07	1.6E-07	4.3E-07	3.0E-08	6.9E-08	1.8E-07	3.0E-08	6.2E-08	1.6E-07	2.5E-07
167	RES5_	653436.88	4219710.6	653436.88,	0.001909448	0.000493958	1.30E-03	6.0E-07	1.6E-07	4.1E-07	2.8E-08	6.6E-08	1.7E-07	2.8E-08	5.9E-08	1.6E-07	2.4E-07
168	RES5_	653456.88	4219710.6	653456.88,	0.001824007	0.000471062	1.25E-03	5.8E-07	1.5E-07	4.0E-07	2.7E-08	6.3E-08	1.7E-07	2.7E-08	5.6E-08	1.5E-07	2.3E-07
169	RES5_	653476.88	4219710.6	653476.88,	0.00173805	0.000449006	1.20E-03	5.5E-07	1.4E-07	3.8E-07	2.6E-08	6.0E-08	1.6E-07	2.6E-08	5.3E-08	1.4E-07	2.2E-07
170	RES5_	653496.88	4219710.6	653496.88,	0.001652578	0.000428163	1.16E-03	5.2E-07	1.4E-07	3.7E-07	2.5E-08	5.7E-08	1.5E-07	2.5E-08	5.1E-08	1.4E-07	2.1E-07
171	RES5_	653516.88	4219710.6	653516.88,	0.001568457	0.000408152	1.11E-03	5.0E-07	1.3E-07	3.5E-07	2.3E-08	5.5E-08	1.5E-07	2.3E-08	4.9E-08	1.3E-07	2.0E-07
172	RES5_	653396.88	4219730.6	653396.88,	0.002243891	0.000560248	1.47E-03	7.1E-07	1.8E-07	4.6E-07	3.3E-08	7.5E-08	2.0E-07	3.3E-08	6.7E-08	1.8E-07	2.8E-07
173	RES5_	653416.88	4219730.6	653416.88,	0.002144091	0.000532695	1.41E-03	6.8E-07	1.7E-07	4.5E-07	3.2E-08	7.1E-08	1.9E-07	3.2E-08	6.3E-08	1.7E-07	2.6E-07
174	RES5_	653436.88	4219730.6	653436.88,	0.002042039	0.000506524	1.36E-03	6.4E-07	1.6E-07	4.3E-07	3.0E-08	6.8E-08	1.8E-07	3.0E-08	6.0E-08	1.6E-07	2.5E-07
175	RES5_	653456.88	4219730.6	653456.88,	0.001939472	0.000481544	1.30E-03	6.1E-07	1.5E-07	4.1E-07	2.9E-08	6.4E-08	1.7E-07	2.9E-08	5.7E-08	1.5E-07	2.4E-07
176	RES5_	653476.88	4219730.6	653476.88,	0.001837678	0.000457748	1.24E-03	5.8E-07	1.4E-07	3.9E-07	2.7E-08	6.1E-08	1.7E-07	2.7E-08	5.4E-08	1.5E-07	2.3E-07
177	RES5_	653496.88	4219730.6	653496.88,	0.001737848	0.000435306	1.19E-03	5.5E-07	1.4E-07	3.8E-07	2.6E-08	5.8E-08	1.6E-07	2.6E-08	5.2E-08	1.4E-07	2.2E-07
178	RES5_	653516.88	4219730.6	653516.88,	0.001640788	0.000414014	1.14E-03	5.2E-07	1.3E-07	3.6E-07	2.4E-08	5.5E-08	1.5E-07	2.4E-08	4.9E-08	1.4E-07	2.1E-07
179	RES5_	653396.88	4219750.6	653396.88,	0.002424381	0.000576497	1.54E-03	7.7E-07	1.8E-07	4.9E-07	3.6E-08	7.7E-08	2.1E-07	3.6E-08	6.9E-08	1.8E-07	2.9E-07
180	RES5_	653416.88	4219750.6	653416.88,	0.002301436	0.000546259	1.47E-03	7.3E-07	1.7E-07	4.6E-07	3.4E-08	7.3E-08	2.0E-07	3.4E-08	6.5E-08	1.8E-07	2.7E-07
181	RES5_	653436.88	4219750.6	653436.88,	0.002177881	0.000517611	1.41E-03	6.9E-07	1.6E-07	4.4E-07	3.2E-08	6.9E-08	1.9E-07	3.2E-08	6.2E-08	1.7E-07	2.6E-07
182	RES5_	653456.88	4219750.6	653456.88,	0.002055581	0.000490533	1.34E-03	6.5E-07	1.5E-07	4.2E-07	3.1E-08	6.6E-08	1.8E-07	3.1E-08	5.8E-08	1.6E-07	2.5E-07
183	RES5_	653476.88	4219750.6	653476.88,	0.001936018	0.000464998	1.28E-03	6.1E-07	1.5E-07	4.0E-07	2.9E-08	6.2E-08	1.7E-07	2.9E-08	5.5E-08	1.5E-07	2.4E-07
184	RES5_	653496.88	4219750.6	653496.88,	0.001820254	0.000440977	1.22E-03	5.7E-07	1.4E-07	3.9E-07	2.7E-08	5.9E-08	1.6E-07	2.7E-08	5.2E-08	1.5E-07	2.3E-07
185	RES5_	653516.88	4219750.6	653516.88,	0.001709223	0.000418621	1.17E-03	5.4E-07	1.3E-07	3.7E-07	2.5E-08	5.6E-08	1.6E-07	2.5E-08	5.0E-08	1.4E-07	2.1E-07
186	RES5_	653396.88	4219770.6	653396.88,	0.002613337	0.000591183	1.61E-03	8.2E-07	1.9E-07	5.1E-07	3.9E-08	7.9E-08	2.1E-07	3.9E-08	7.0E-08	1.9E-07	3.0E-07
187	RES5_	653416.88	4219770.6	653416.88,	0.002462998	0.000558219	1.53E-03	7.8E-07	1.8E-07	4.8E-07	3.7E-08	7.5E-08	2.0E-07	3.7E-08	6.6E-08	1.8E-07	2.9E-07
188	RES5_	653436.88	4219770.6	653436.88,	0.002314527	0.000527087	1.46E-03	7.3E-07	1.7E-07	4.6E-07	3.4E-08	7.1E-08	1.9E-07	3.4E-08	6.3E-08	1.7E-07	2.7E-07
189	RES5_	653456.88	4219770.6	653456.88,	0.002169887	0.000497923	1.38E-03	6.8E-07	1.6E-07	4.4E-07	3.2E-08	6.7E-08	1.9E-07	3.2E-08	5.9E-08	1.6E-07	2.6E-07
190	RES5_	653476.88	4219770.6	653476.88,	0.002030559	0.000470872	1.32E-03	6.4E-07	1.5E-07	4.2E-07	3.0E-08	6.3E-08	1.8E-07	3.0E-08	5.6E-08	1.6E-07	2.4E-07
191	RES5_	653496.88	4219770.6	653496.88,	0.001897605	0.000445688	1.25E-03	6.0E-07	1.4E-07	4.0E-07	2.8E-08	6.0E-08	1.7E-07	2.8E-08	5.3E-08	1.5E-07	2.3E-07
192	RES5_	653516.88	4219770.6	653516.88,	0.001771766	0.000422312	1.19E-03	5.6E-07	1.3E-07	3.8E-07	2.6E-08	5.7E-08	1.6E-07	2.6E-08	5.0E-08	1.4E-07	2.2E-07
193	RES5_	653476.88	4219790.6	653476.88,	0.002118372	0.000475313	1.35E-03	6.7E-07	1.5E-07	4.3E-07	3.2E-08	6.4E-08	1.8E-07	3.2E-08	5.7E-08	1.6E-07	2.5E-07
194	RES5_	653496.88	4219790.6	653496.88,	0.001967263	0.000449213	1.28E-03	6.2E-07	1.4E-07	4.0E-07	2.9E-08	6.0E-08	1.7E-07	2.9E-08	5.3E-08	1.5E-07	2.3E-07
195	RES5_	653516.88	4219790.6	653516.88,	0.00182623	0.00042488	1.21E-03	5.8E-07	1.3E-07	3.8E-07	2.7E-08	5.7E-08	1.6E-07	2.7E-08	5.1E-08	1.4E-07	2.2E-07
196	RES5_	653476.88	4219810.6	653476.88,	0.002196142	0.000478662	1.37E-03	6.9E-07	1.5E-07	4.3E-07	3.3E-08	6.4E-08	1.8E-07	3.3E-08	5.7E-08	1.6E-07	2.5E-07
197	RES5_	653496.88	4219810.6	653496.88,	0.002026459	0.000451537	1.30E-03	6.4E-07	1.4E-07	4.1E-07	3.0E-08	6.0E-08	1.7E-07	3.0E-08	5.4E-08	1.5E-07	2.4E-07
198	RES5_	653516.88	4219810.6	653516.88,	0.001870297	0.000426509	1.23E-03	5.9E-07	1.3E-07	3.9E-07	2.8E-08	5.7E-08	1.6E-07	2.8E-08	5.1E-08	1.5E-07	2.3E-07
199	RES5_	653476.88	4219830.6	653476.88,	0.002260133	0.000480729	1.40E-03	7.1E-07	1.5E-07	4.4E-07	3.4E-08	6.4E-08	1.9E-07	3.4E-08	5.7E-08	1.7E-07	2.6E-07
200	RES5_	653496.88	4219830.6	653496.88,	0.002072199	0.000452674	1.32E-03	6.5E-07	1.4E-07	4.2E-07	3.1E-08	6.1E-08	1.8E-07	3.1E-08	5.4E-08	1.6E-07	2.4E-07
201	RES5_	653516.88	4219830.6	653516.88,	0.001901712	0.000427222	1.25E-03	6.0E-07	1.3E-07	3.9E-07	2.8E-08	5.7E-08	1.7E-07	2.8E-08	5.1E-08	1.5E-07	2.3E-07
202	RES5_	653476.88	4219850.6	653476.88,	0.002306549	0.000481355	1.42E-03	7.3E-07	1.5E-07	4.5E-07	3.4E-08	6.4E-08	1.9E-07	3.4E-08	5.7E-08	1.7E-07	2.6E-07
203	RES5_	653496.88	4219850.6	653496.88,	0.002101747	0.000452847	1.33E-03	6.6E-07	1.4E-07	4.2E-07	3.1E-08	6.1E-08	1.8E-07	3.1E-08	5.4E-08	1.6E-07	2.4E-07
204	RES5_	653516.88	4219850.6	653516.88,	0.001918481	0.000426875	1.26E-03	6.1E-07	1.3E-07	4.0E-07	2.9E-08	5.7E-08	1.7E-07	2.9E-08	5.1E-08	1.5E-07	2.3E-07
205	RES5_	653476.88	4219870.6	653476.88,	0.002331976	0.000480601	1.43E-03	7.4E-07	1.5E-07	4.5E-07	3.5E-08	6.4E-08	1.9E-07	3.5E-08	5.7E-08	1.7E-07	2.6E-07
206	RES5_	653496.88	4219870.6	653496.88,	0.002112721	0.000451934	1.35E-03	6.7E-07	1.4E-07	4.2E-07	3.1E-08	6.1E-08	1.8E-07	3.1E-08	5.4E-08	1.6E-07	2.5E-07
207	RES5_	653516.88	4219870.6	653516.88,	0.001919154	0.000425725	1.27E-03	6.1E-07	1.3E-07	4.0E-07	2.9E-08	5.7E-08	1.7E-07	2.9E-08	5.1E-08	1.5E-07	2.3E-07
208	RES5_	653476.88	4219890.6	653476.88,	0.002333711	0.000479123	1.44E-03	7.4E-07	1.5E-07	4.5E-07	3.5E-08	6.4E-08	1.9E-07	3.5E-08	5.7E-08	1.7E-07	2.6E-07
209	RES5_	653496.88	4219890.6	653496.88,	0.00210364	0.000450217	1.35E-03	6.6E-07	1.4E-07	4.3E-07	3.1E-08	6.0E-08	1.8E-07	3.1E-08	5.4E-08	1.6E-07	2.5E-07
210	RES5_	653516.88	4219890.6	653516.88,	0.001902927	0.000424038	1.27E-03	6.0E-07	1.3E-07	4.0E-07	2.8E-08	5.7E-08	1.7E-07	2.8E-08	5.0E-08	1.5E-07	2.3E-07
211	SCH_	652096.56	4220162.55	652096.56,	0.000193019	0.000197487	4.97E-04	6.1E-08	6.2E-08	1.6E-07	2.9E-09	2.6E-08	6.6E-08	2.9E-09	2.4E-08	5.9E-08	8.5E-08
212	SCH_	652116.56	4220162.55	652116.56,	0.000201104	0.000206463	5.17E-04	6.3E-08	6.5E-08	1.6E-07	3.0E-09	2.8E-08	6.9E-08	3.0E-09	2.5E-08	6.2E-08	8.9E-08
213	SCH_	652136.56	4220162.55	652136.56,	0.000209834	0.000215901	5.40E-04	6.6E-08	6.8E-08	1.7E-07	3.1E-09	2.9E-08	7.2E-08	3.1E-09	2.6E-08	6.4E-08	9.3E-08
214	SCH_	652156.56	4220162.55	652156.56,	0.000219207	0.000226241	5.64E-04	6.9E-08	7.1E-08	1.8E-07	3.3E-09	3.0E-08	7.5E-08	3.3E-09	2.7E-08	6.7E-08	9.7E-08
215	SCH_	652176.56	4220162.55	652176.56,	0.000229321	0.00023737	5.89E-04	7.2E-08	7.5E-08	1.9E-07	3.4E-09	3.2E-08	7.9E-08	3.4E-09	2.8E-08	7.0E-08	1.0E-07
216	SCH_	652196.56	4220162.55	652196.56,	0.000240241	0.000249379	6.17E-04	7.6E-08	7.9E-08	1.9E-07	3.6E-09	3.3E-08	8.3E-08	3.6E-09	3.0E-08	7.3E-08	1.1E-07
217	SCH_	652216.56	4220162.55	652216.56,	0.000252094	0.000262368	6.47E-04	8.0E-08	8.3E-08	2.0E-07	3.8E-09	3.5E-08	8.7E-08	3.8E-09	3.1E-08	7.7E-08	1.1E-07
218	SCH_	652236.56	4220162.55	652236.56,	0.000264978	0.000276451	6.79E-04	8.4E-08	8.7E-08	2.1E-07	3.9E-09	3.7E-08	9.1E-08	3.9E-09	3.3E-08	8.1E-08	1.2E-07
219	SCH_	652256.56	4220162.55	652256.56,	0.000279021	0.000291755	7.14E-04	8.8E-08	9.2E-08	2.3E-07	4.2E-09	3.9E-08	9.6E-08	4.2E-09	3.5E-08	8.5E-08	1.2E-07
220	SCH_	652276.56	4220162.55	652276.56,	0.000294353	0.000308619	7.51E-04	9.3E-08	9.7E-08	2.4E-07	4.4E-09	4.1E-08	1.0E-07	4.4E-09	3.7E-08	8.9E-08	1.3E-07

221	SCH_	652296.56	4220162.55	652296.56,	0.000311167	0.000327032	7.93E-04	9.8E-08	1.0E-07	2.5E-07	4.6E-09	4.4E-08	1.1E-07	4.6E-09	3.9E-08	9.4E-08	1.4E-07
222	SCH_	652316.56	4220162.55	652316.56,	0.000329623	0.000347191	8.37E-04	1.0E-07	1.1E-07	2.6E-07	4.9E-09	4.6E-08	1.1E-07	4.9E-09	4.1E-08	1.0E-07	1.5E-07
223	SCH_	652336.56	4220162.55	652336.56,	0.000350011	0.000369328	8.86E-04	1.1E-07	1.2E-07	2.8E-07	5.2E-09	4.9E-08	1.2E-07	5.2E-09	4.4E-08	1.1E-07	1.5E-07
224	SCH_	652356.56	4220162.55	652356.56,	0.00037259	0.000393713	9.40E-04	1.2E-07	1.2E-07	3.0E-07	5.5E-09	5.3E-08	1.3E-07	5.5E-09	4.7E-08	1.1E-07	1.6E-07
225	SCH_	652376.56	4220162.55	652376.56,	0.000397681	0.000420851	9.99E-04	1.3E-07	1.3E-07	3.2E-07	5.9E-09	5.6E-08	1.3E-07	5.9E-09	5.0E-08	1.2E-07	1.7E-07
226	SCH_	652396.56	4220162.55	652396.56,	0.000425703	0.000450976	1.06E-03	1.3E-07	1.4E-07	3.4E-07	6.3E-09	6.0E-08	1.4E-07	6.3E-09	5.4E-08	1.3E-07	1.9E-07
227	SCH_	652416.56	4220162.55	652416.56,	0.000457106	0.000484642	1.14E-03	1.4E-07	1.5E-07	3.6E-07	6.8E-09	6.5E-08	1.5E-07	6.8E-09	5.8E-08	1.4E-07	2.0E-07
228	SCH_	652436.56	4220162.55	652436.56,	0.000492472	0.000522183	1.22E-03	1.6E-07	1.6E-07	3.8E-07	7.3E-09	7.0E-08	1.6E-07	7.3E-09	6.2E-08	1.4E-07	2.1E-07
229	SCH_	652456.56	4220162.55	652456.56,	0.000532572	0.000564423	1.31E-03	1.7E-07	1.8E-07	4.1E-07	7.9E-09	7.6E-08	1.8E-07	7.9E-09	6.7E-08	1.6E-07	2.3E-07
230	SCH_	652096.56	4220182.55	652096.56,	0.000195271	0.000198796	4.98E-04	6.2E-08	6.3E-08	1.6E-07	2.9E-09	2.7E-08	6.7E-08	2.9E-09	2.4E-08	5.9E-08	8.6E-08
231	SCH_	652116.56	4220182.55	652116.56,	0.000203549	0.000207643	5.19E-04	6.4E-08	6.6E-08	1.6E-07	3.0E-09	2.8E-08	7.0E-08	3.0E-09	2.5E-08	6.2E-08	9.0E-08
232	SCH_	652136.56	4220182.55	652136.56,	0.000212503	0.000217326	5.42E-04	6.7E-08	6.9E-08	1.7E-07	3.2E-09	2.9E-08	7.3E-08	3.2E-09	2.6E-08	6.4E-08	9.4E-08
233	SCH_	652156.56	4220182.55	652156.56,	0.000222102	0.000227541	5.66E-04	7.0E-08	7.2E-08	1.8E-07	3.3E-09	3.0E-08	7.6E-08	3.3E-09	2.7E-08	6.7E-08	9.8E-08
234	SCH_	652176.56	4220182.55	652176.56,	0.000232506	0.000238742	5.91E-04	7.3E-08	7.5E-08	1.9E-07	3.5E-09	3.2E-08	7.9E-08	3.5E-09	2.8E-08	7.0E-08	1.0E-07
235	SCH_	652196.56	4220182.55	652196.56,	0.000243747	0.000250814	6.19E-04	7.7E-08	7.9E-08	2.0E-07	3.6E-09	3.4E-08	8.3E-08	3.6E-09	3.0E-08	7.4E-08	1.1E-07
236	SCH_	652216.56	4220182.55	652216.56,	0.000255922	0.000263858	6.49E-04	8.1E-08	8.3E-08	2.0E-07	3.8E-09	3.5E-08	8.7E-08	3.8E-09	3.1E-08	7.7E-08	1.1E-07
237	SCH_	652236.56	4220182.55	652236.56,	0.000269159	0.000277988	6.81E-04	8.5E-08	8.8E-08	2.1E-07	4.0E-09	3.7E-08	9.1E-08	4.0E-09	3.3E-08	8.1E-08	1.2E-07
238	SCH_	652256.56	4220182.55	652256.56,	0.000283621	0.000293536	7.16E-04	9.0E-08	9.3E-08	2.3E-07	4.2E-09	3.9E-08	9.6E-08	4.2E-09	3.5E-08	8.5E-08	1.2E-07
239	SCH_	652276.56	4220182.55	652276.56,	0.000299435	0.00031026	7.54E-04	9.5E-08	9.8E-08	2.4E-07	4.5E-09	4.2E-08	1.0E-07	4.5E-09	3.7E-08	9.0E-08	1.3E-07
240	SCH_	652296.56	4220182.55	652296.56,	0.000316763	0.000328706	7.95E-04	1.0E-07	1.0E-07	2.5E-07	4.7E-09	4.4E-08	1.1E-07	4.7E-09	3.9E-08	9.5E-08	1.4E-07
241	SCH_	652316.56	4220182.55	652316.56,	0.000335831	0.00034888	8.40E-04	1.1E-07	1.1E-07	2.6E-07	5.0E-09	4.7E-08	1.1E-07	5.0E-09	4.2E-08	1.0E-07	1.5E-07
242	SCH_	652336.56	4220182.55	652336.56,	0.000356862	0.000371004	8.89E-04	1.1E-07	1.2E-07	2.8E-07	5.3E-09	5.0E-08	1.2E-07	5.3E-09	4.4E-08	1.1E-07	1.6E-07
243	SCH_	652356.56	4220182.55	652356.56,	0.000380181	0.000395551	9.42E-04	1.2E-07	1.2E-07	3.0E-07	5.7E-09	5.3E-08	1.3E-07	5.7E-09	4.7E-08	1.1E-07	1.6E-07
244	SCH_	652376.56	4220182.55	652376.56,	0.00040614	0.000422622	1.00E-03	1.3E-07	1.3E-07	3.2E-07	6.0E-09	5.7E-08	1.3E-07	6.0E-09	5.0E-08	1.2E-07	1.8E-07
245	SCH_	652396.56	4220182.55	652396.56,	0.000435127	0.000452546	1.07E-03	1.4E-07	1.4E-07	3.4E-07	6.5E-09	6.1E-08	1.4E-07	6.5E-09	5.4E-08	1.3E-07	1.9E-07
246	SCH_	652416.56	4220182.55	652416.56,	0.000467624	0.000485797	1.14E-03	1.5E-07	1.5E-07	3.6E-07	7.0E-09	6.5E-08	1.5E-07	7.0E-09	5.8E-08	1.4E-07	2.0E-07
247	SCH_	652436.56	4220182.55	652436.56,	0.000504276	0.000522976	1.22E-03	1.6E-07	1.7E-07	3.9E-07	7.5E-09	7.0E-08	1.6E-07	7.5E-09	6.2E-08	1.5E-07	2.1E-07
248	SCH_	652456.56	4220182.55	652456.56,	0.000545856	0.000564995	1.31E-03	1.7E-07	1.8E-07	4.1E-07	8.1E-09	7.6E-08	1.8E-07	8.1E-09	6.7E-08	1.6E-07	2.3E-07
249	SCH_	652476.56	4220182.55	652476.56,	0.000593298	0.000612438	1.41E-03	1.9E-07	1.9E-07	4.5E-07	8.8E-09	8.2E-08	1.9E-07	8.8E-09	7.3E-08	1.7E-07	2.5E-07
250	SCH_	652096.56	4220202.55	652096.56,	0.000197844	0.000199722	4.99E-04	6.2E-08	6.3E-08	1.6E-07	2.9E-09	2.7E-08	6.7E-08	2.9E-09	2.4E-08	5.9E-08	8.6E-08
251	SCH_	652116.56	4220202.55	652116.56,	0.00020638	0.000208602	5.20E-04	6.5E-08	6.6E-08	1.6E-07	3.1E-09	2.8E-08	7.0E-08	3.1E-09	2.5E-08	6.2E-08	9.0E-08
252	SCH_	652136.56	4220202.55	652136.56,	0.000215559	0.00021833	5.43E-04	6.8E-08	6.9E-08	1.7E-07	3.2E-09	2.9E-08	7.3E-08	3.2E-09	2.6E-08	6.5E-08	9.4E-08
253	SCH_	652156.56	4220202.55	652156.56,	0.000225448	0.000228575	5.67E-04	7.1E-08	7.2E-08	1.8E-07	3.4E-09	3.1E-08	7.6E-08	3.4E-09	2.7E-08	6.7E-08	9.8E-08
254	SCH_	652176.56	4220202.55	652176.56,	0.000236109	0.000239816	5.92E-04	7.5E-08	7.6E-08	1.9E-07	3.5E-09	3.2E-08	7.9E-08	3.5E-09	2.9E-08	7.1E-08	1.0E-07
255	SCH_	652196.56	4220202.55	652196.56,	0.000247671	0.000251923	6.20E-04	7.8E-08	8.0E-08	2.0E-07	3.7E-09	3.4E-08	8.3E-08	3.7E-09	3.0E-08	7.4E-08	1.1E-07
256	SCH_	652216.56	4220202.55	652216.56,	0.000260232	0.000265006	6.50E-04	8.2E-08	8.4E-08	2.1E-07	3.9E-09	3.5E-08	8.7E-08	3.9E-09	3.2E-08	7.7E-08	1.1E-07
257	SCH_	652236.56	4220202.55	652236.56,	0.000273888	0.000279173	6.82E-04	8.6E-08	8.8E-08	2.2E-07	4.1E-09	3.7E-08	9.1E-08	4.1E-09	3.3E-08	8.1E-08	1.2E-07
258	SCH_	652256.56	4220202.55	652256.56,	0.000288768	0.000294733	7.17E-04	9.1E-08	9.3E-08	2.3E-07	4.3E-09	3.9E-08	9.6E-08	4.3E-09	3.5E-08	8.5E-08	1.2E-07
259	SCH_	652276.56	4220202.55	652276.56,	0.000305065	0.000311458	7.54E-04	9.6E-08	9.8E-08	2.4E-07	4.5E-09	4.2E-08	1.0E-07	4.5E-09	3.7E-08	9.0E-08	1.3E-07
260	SCH_	652296.56	4220202.55	652296.56,	0.00032294	0.000329885	7.95E-04	1.0E-07	1.0E-07	2.5E-07	4.8E-09	4.4E-08	1.1E-07	4.8E-09	3.9E-08	9.5E-08	1.4E-07
261	SCH_	652316.56	4220202.55	652316.56,	0.000342618	0.000350018	8.40E-04	1.1E-07	1.1E-07	2.7E-07	5.1E-09	4.7E-08	1.1E-07	5.1E-09	4.2E-08	1.0E-07	1.5E-07
262	SCH_	652336.56	4220202.55	652336.56,	0.000364357	0.000372067	8.89E-04	1.1E-07	1.2E-07	2.8E-07	5.4E-09	5.0E-08	1.2E-07	5.4E-09	4.4E-08	1.1E-07	1.6E-07
263	SCH_	652356.56	4220202.55	652356.56,	0.000388448	0.00039648	9.42E-04	1.2E-07	1.3E-07	3.0E-07	5.8E-09	5.3E-08	1.3E-07	5.8E-09	4.7E-08	1.1E-07	1.7E-07
264	SCH_	652376.56	4220202.55	652376.56,	0.000415276	0.000423378	1.00E-03	1.3E-07	1.3E-07	3.2E-07	6.2E-09	5.7E-08	1.3E-07	6.2E-09	5.0E-08	1.2E-07	1.8E-07
265	SCH_	652396.56	4220202.55	652396.56,	0.000445227	0.000453062	1.07E-03	1.4E-07	1.4E-07	3.4E-07	6.6E-09	6.1E-08	1.4E-07	6.6E-09	5.4E-08	1.3E-07	1.9E-07
266	SCH_	652416.56	4220202.55	652416.56,	0.000478883	0.00048596	1.14E-03	1.5E-07	1.5E-07	3.6E-07	7.1E-09	6.5E-08	1.5E-07	7.1E-09	5.8E-08	1.4E-07	2.0E-07
267	SCH_	652436.56	4220202.55	652436.56,	0.000516789	0.000522735	1.22E-03	1.6E-07	1.6E-07	3.8E-07	7.7E-09	7.0E-08	1.6E-07	7.7E-09	6.2E-08	1.5E-07	2.1E-07
268	SCH_	652456.56	4220202.55	652456.56,	0.000559816	0.000564149	1.31E-03	1.8E-07	1.8E-07	4.1E-07	8.3E-09	7.6E-08	1.8E-07	8.3E-09	6.7E-08	1.6E-07	2.3E-07
269	SCH_	652476.56	4220202.55	652476.56,	0.00060893	0.000611001	1.41E-03	1.9E-07	1.9E-07	4.5E-07	9.1E-09	8.2E-08	1.9E-07	9.1E-09	7.3E-08	1.7E-07	2.5E-07
270	SCH_	652096.56	4220222.55	652096.56,	0.000200772	0.000200273	4.99E-04	6.3E-08	6.3E-08	1.6E-07	3.0E-09	2.7E-08	6.7E-08	3.0E-09	2.4E-08	5.9E-08	8.6E-08
271	SCH_	652116.56	4220222.55	652116.56,	0.000209533	0.000209365	5.20E-04	6.6E-08	6.6E-08	1.6E-07	3.1E-09	2.8E-08	7.0E-08	3.1E-09	2.5E-08	6.2E-08	9.0E-08
272	SCH_	652136.56	4220222.55	652136.56,	0.00021897	0.000218925	5.43E-04	6.9E-08	6.9E-08	1.7E-07	3.3E-09	2.9E-08	7.3E-08	3.3E-09	2.6E-08	6.5E-08	9.4E-08
273	SCH_	652156.56	4220222.55	652156.56,	0.000229147	0.000229382	5.67E-04	7.2E-08	7.2E-08	1.8E-07	3.4E-09	3.1E-08	7.6E-08	3.4E-09	2.7E-08	6.7E-08	9.8E-08
274	SCH_	652176.56	4220222.55	652176.56,	0.00024013	0.000240639	5.92E-04	7.6E-08	7.6E-08	1.9E-07	3.6E-09	3.2E-08	7.9E-08	3.6E-09	2.9E-08	7.0E-08	1.0E-07
275	SCH_	652196.56	4220222.55	652196.56,	0.000252014	0.000252746	6.20E-04	8.0E-08	8.0E-08	2.0E-07	3.7E-09	3.4E-08	8.3E-08	3.7E-09	3.0E-08	7.4E-08	1.1E-07
276	SCH_	652216.56	4220222.55	652216.56,	0.000264929	0.000265828	6.49E-04	8.4E-08	8.4E-08	2.0E-07	3.9E-09	3.6E-08	8.7E-08	3.9E-09	3.2E-08	7.7E-08	1.1E-07
277	SCH_	652236.56	4220222.55	652236.56,	0.000279003	0.000279983	6.81E-04	8.8E-08	8.8E-08	2.2E-07	4.2E-09	3.7E-08	9.1E-08	4.2E-09	3.3E-08	8.1E-08	1.2E-07
278	SCH_	652256.56	4220222.55	652256.56,	0.000294334	0.000295332	7.16E-04	9.3E-08	9.3E-08	2.3E-07	4.4E-09	4.0E-08	9.6E-08	4.4E-09	3.5E-08	8.5E-08	1.2E-07
279	SCH_	652276.56	4220222.55	652276.56,	0.000311113	0.000312204	7.53E-04	9.8E-08	9.9E-08	2.4E-07	4.6E-09	4.2E-08	1.0E-07	4.6E-09	3.7E-08	9.0E-08	1.3E-07
280	SCH_	652296.56	4220222.55	652296.56,	0.000329535	0.000330581	7.94E-04	1.0E-07	1.0E-07	2.5E-07	4.9E-09	4.4E-08	1.1E-07	4.9E-09	3.9E-08	9.5E-08	1.4E-07
281	SCH_	652316.56	4220222.55	652316.56,	0.000349856	0.000350618	8.38E-04	1.1E-07	1.1E-07	2.6E-07	5.2E-09	4.7E-08	1.1E-07	5.2E-09	4.2E-08	1.0E-07	1.5E-07
281	SCH_	652336.56	4220222.55	652336.56,	0.000372271	0.000372536	8.87E-04	1.2E-07	1.2E-07	2.8E-07	5.5E-09	5.0E-08	1.2E-07	5.5E-09	4.4E-08	1.1E-07	1.6E-07
281	SCH_	652356.56	4220222.55	652356.56,	0.000397133	0.000396769	9.40E-04	1.3E-07	1.3E-07	3.0E-07	5.9E-09	5.3E-08	1.3E-07	5.9E-09	4.7E-08	1.1E-07	1.7E-07
281	SCH_	652376.56	4220222.55	652376.56,	0.000424798	0.000423216	9.99E-04	1.3E-07	1.3E-07	3.2E-07	6.3E-09	5.7E-08	1.3E-07	6.3E-09	5.0E-08	1.2E-07	1.8E-07
281	SCH_	652396.56	4220222.55	652396.56,	0.000455714	0.00045277	1.06E-03	1.4E-07	1.4E-07	3.4E-07	6.8E-09	6.1E-08	1.4E-07	6.8E-09	5.4E-08	1.3E-07	1.9E-07
281	SCH_	652416.56	4220222.55	652416.56,	0.000490463	0.000485282	1.14E-03	1.5E-07	1.5E-07	3.6E-07	7.3E-09	6.5E-08	1.5E-07	7.3E-09	5.8E-08	1.4E-07	2.0E-07
281	SCH_	652436.56	4220222.55	652436.56,	0.000529592	0.000521499	1.21E-03	1.7E-07	1.6E-07	3.8E-07	7.9E-09	7.0E-08	1.6E-07	7.9E-09	6.2E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220222.55	652456.56,	0.000574034	0.000562159	1.30E-03	1.8E-07	1.8E-07	4.1E-07	8.5E-09	7.5E-08	1.7E-07	8.5E-09	6.7E-08	1.6E-07	2.3E-07
281	SCH_	652476.56	4220222.55	652476.56,	0.000624723	0.000608206	1.41E-03	2.0E-07	1.9E-07	4.4E-07	9.3E-09	8.1E-08	1.9E-07	9.3E-09	7.2E-08	1.7E-07	2.5E-07
281	SCH_	652096.56	4220242.55	652096.56,	0.00020399	0.000200847	4.99E-04	6.4E-08	6.3E-08	1.6E-07	3.0E-09	2.7E-08	6.7E-08	3.0E-09	2.4E-08	5.9E-08	8.6E-08
281	SCH_	652116.56	4220242.55	652116.56,	0.000212975	0.000209764	5.20E-04	6.7E-08	6.6E-08	1.6E-07	3.2E-09	2.8E-08	7.0E-08	3.2E-09	2.5E-08	6.2E-08	9.0E-08
281	SCH_	652136.56	4220242.55	652136.56,	0.00022267	0.000219517	5.42E-04	7.0E-08	6.9E-08	1.7E-07	3.3E-09	2.9E-08	7.3E-08	3.3E-09	2.6E-08	6.5E-08	9.4E-08
281	SCH_	652156.56	4220242.55	652156.56,	0.000233137	0.000229978	5.66E-04	7.4E-08	7.3E-08	1.8E-07	3.5E-09	3.1E-08	7.6E-08	3.5E-09	2.7E-08	6.7E-08	9.8E-08
281	SCH_	652176.56	4220242.55	652176.56,	0.000244409	0.000241032	5.91E-04	7.7E-08	7.6E-08	1.9E-07	3.6E-09	3.2E-08	7.9E-08	3.6E-09	2.9E-08	7.0E-08	1.0E-07
281	SCH_	652196.56	4220242.55	652196.56,	0.000256647	0.000253137	6.19E-04	8.1E-08	8.0E-08	2.0E-07	3.8E-09	3.4E-08	8.3E-08	3.8E-09	3.0E-08	7.4E-08	1.1E-07
281	SCH_	652216.56	4220242.55	652216.56,	0.000269916	0.000266196	6.48E-04	8.5E-08	8.4E-08	2.0E-07	4.0E-09	3.6E-08	8.7E-08	4.0E-09	3.2E-08	7.7E-08	1.1E-07
281	SCH_	652236.56	4220242.55	652236.56,	0.000284376	0.000280503	6.80E-04	9.0E-08	8.9E-08	2.1E-07	4.2E-09	3.8E-08	9.1E-08	4.2E-09	3.3E-08	8.1E-08	1.2E-07
281	SCH_	652256.56	4220242.55	652256.56,	0.000300157	0.000295799	7.14E-04	9.5E-08	9.3E-08	2.3E-07	4.5E-09	4.0E-08	9.6E-08	4.5E-09	3.5E-08	8.5E-08	1.2E-07
281	SCH_	652276.56	4220242.55	652276.56,	0.000317451	0.000312593	7.51E-04	1.0E-07	9.9E-08	2.4E-07	4.7E-09	4.2E-08	1.0E-07	4.7E-09	3.7E-08	8.9E-08	1.3E-07
281	SCH_	652296.56	4220242.55	652296.56,	0.000336419	0.000330664	7.92E-04	1.1E-07	1.0E-07	2.5E-07	5.0E-09	4.4E-08	1.1E-07	5.0E-09	3.9E-08	9.4E-08	1.4E-07
281	SCH_	652316.56	4220242.55	652316.56,	0.000357288	0.000350562	8.36E-04	1.1E-07	1.1E-07	2.6E-07	5.3E-09	4.7E-08	1.1E-07	5.3E-09	4.2E-08	1.0E-07	1.5E-07
281	SCH_	652336.56	4220242.55	652336.56,	0.000380378	0.000372488	8.84E-04	1.2E-07	1.2E-07	2.8E-07	5.7E-09	5.0E-08	1.2E-07	5.7E-09	4.4E-08	1.1E-07	1.6E-07
281	SCH_	652356.56	4220242.55	652356.56,	0.00040598	0.000396317	9.37E-04	1.3E-07	1.3E-07	3.0E-07	6.0E-09	5.3E-08	1.3E-07	6.0E-09	4.7E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220242.55	652376.56,	0.000434448	0.000422654	9.95E-04	1.4E-07	1.3E-07	3.1E-07	6.5E-09	5.7E-08	1.3E-07	6.5E-09	5.0E-08	1.2E-07	1.8E-07
281	SCH_	652396.56	4220242.55	652396.56,	0.000466298	0.00045164	1.06E-03	1.5E-07	1.4E-07	3.3E-07	6.9E-09	6.0E-08	1.4E-07	6.9E-09	5.4E-08	1.3E-07	1.9E-07
281	SCH_	652416.56	4220242.55	652416.56,	0.000502011	0.000483831	1.13E-03	1.6E-07	1.5E-07	3.6E-07	7.5E-09	6.5E-08	1.5E-07	7.5E-09	5.8E-08	1.3E-07	2.0E-07
281	SCH_	652436.56	4220242.55	652436.56,	0.000542298	0.000519411	1.21E-03	1.7E-07	1.6E-07	3.8E-07	8.1E-09	7.0E-08	1.6E-07	8.1E-09	6.2E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220242.55	652456.56,	0.000587994	0.00055941	1.30E-03	1.9E-07	1.8E-07	4.1E-07	8.7E-09	7.5E-08	1.7E-07	8.7E-09	6.7E-08	1.5E-07	2.3E-07
281	SCH_	652476.56	4220242.55	652476.56,	0.000640066	0.000604382	1.40E-03	2.0E-07	1.9E-07	4.4E-07	9.5E-09	8.1E-08	1.9E-07	9.5E-09	7.2E-08	1.7E-07	2.5E-07
281	SCH_	652096.56	4220262.55	652096.56,	0.0002074	0.000201258	4.98E-04	6.5E-08	6.4E-08	1.6E-07	3.1E-09	2.7E-08	6.7E-08	3.1E-09	2.4E-08	5.9E-08	8.6E-08
281	SCH_	652116.56	4220262.55	652116.56,	0.000216643	0.000210171	5.19E-04	6.8E-08	6.6E-08	1.6E-07	3.2E-09	2.8E-08	6.9E-08	3.2E-09	2.5E-08	6.2E-08	9.0E-08
281	SCH_	652136.56	4220262.55	652136.56,	0.000226563	0.000219916	5.41E-04	7.2E-08	6.9E-08	1.7E-07	3.4E-09	2.9E-08	7.2E-08	3.4E-09	2.6E-08	6.4E-08	9.4E-08
281	SCH_	652156.56	4220262.55	652156.56,	0.000237287	0.000230169	5.64E-04	7.5E-08	7.3E-08	1.8E-07	3.5E-09	3.1E-08	7.6E-08	3.5E-09	2.7E-08	6.7E-08	9.8E-08
281	SCH_	652176.56	4220262.55	652176.56,	0.000248881	0.000241395	5.90E-04	7.9E-08	7.6E-08	1.9E-07	3.7E-09	3.2E-08	7.9E-08	3.7E-09	2.9E-08	7.0E-08	1.0E-07
281	SCH_	652196.56	4220262.55	652196.56,	0.000261441	0.000253468	6.17E-04	8.3E-08	8.0E-08	1.9E-07	3.9E-09	3.4E-08	8.3E-08	3.9E-09	3.0E-08	7.3E-08	1.1E-07
281	SCH_	652216.56	4220262.55	652216.56,	0.000275063	0.000266479	6.46E-04	8.7E-08	8.4E-08	2.0E-07	4.1E-09	3.6E-08	8.7E-08	4.1E-09	3.2E-08	7.7E-08	1.1E-07
281	SCH_	652236.56	4220262.55	652236.56,	0.00028991	0.000280535	6.78E-04	9.2E-08	8.9E-08	2.1E-07	4.3E-09	3.8E-08	9.1E-08	4.3E-09	3.3E-08	8.1E-08	1.2E-07
281	SCH_	652256.56	4220262.55	652256.56,	0.000306108	0.000295934	7.12E-04	9.7E-08	9.3E-08	2.2E-07	4.6E-09	4.0E-08	9.5E-08	4.6E-09	3.5E-08	8.5E-08	1.2E-07
281	SCH_	652276.56	4220262.55	652276.56,	0.000323853	0.000312432	7.49E-04	1.0E-07	9.9E-08	2.4E-07	4.8E-09	4.2E-08	1.0E-07	4.8E-09	3.7E-08	8.9E-08	1.3E-07
281	SCH_	652296.56	4220262.55	652296.56,	0.000343304	0.00033055	7.89E-04	1.1E-07	1.0E-07	2.5E-07	5.1E-09	4.4E-08	1.1E-07	5.1E-09	3.9E-08	9.4E-08	1.4E-07
281	SCH_	652316.56	4220262.55	652316.56,	0.000364751	0.00035027	8.33E-04	1.2E-07	1.1E-07	2.6E-07	5.4E-09	4.7E-08	1.1E-07	5.4E-09	4.2E-08	9.9E-08	1.5E-07
281	SCH_	652336.56	4220262.55	652336.56,	0.000388453	0.000371781	8.80E-04	1.2E-07	1.2E-07	2.8E-07	5.8E-09	5.0E-08	1.2E-07	5.8E-09	4.4E-08	1.0E-07	1.5E-07
281	SCH_	652356.56	4220262.55	652356.56,	0.00041473	0.000395493	9.33E-04	1.3E-07	1.2E-07	2.9E-07	6.2E-09	5.3E-08	1.2E-07	6.2E-09	4.7E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220262.55	652376.56,	0.00044397	0.00042147	9.91E-04	1.4E-07	1.3E-07	3.1E-07	6.6E-09	5.6E-08	1.3E-07	6.6E-09	5.0E-08	1.2E-07	1.7E-07
281	SCH_	652396.56	4220262.55	652396.56,	0.000476656	0.00045001	1.05E-03	1.5E-07	1.4E-07	3.3E-07	7.1E-09	6.0E-08	1.4E-07	7.1E-09	5.4E-08	1.3E-07	1.9E-07
281	SCH_	652416.56	4220262.55	652416.56,	0.000513302	0.000481457	1.12E-03	1.6E-07	1.5E-07	3.6E-07	7.6E-09	6.4E-08	1.5E-07	7.6E-09	5.7E-08	1.3E-07	2.0E-07
281	SCH_	652436.56	4220262.55	652436.56,	0.000554585	0.000516439	1.20E-03	1.8E-07	1.6E-07	3.8E-07	8.3E-09	6.9E-08	1.6E-07	8.3E-09	6.1E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220262.55	652456.56,	0.000601374	0.000555735	1.29E-03	1.9E-07	1.8E-07	4.1E-07	8.9E-09	7.4E-08	1.7E-07	8.9E-09	6.6E-08	1.5E-07	2.3E-07
281	SCH_	652476.56	4220262.55	652476.56,	0.000654604	0.000599594	1.39E-03	2.1E-07	1.9E-07	4.4E-07	9.7E-09	8.0E-08	1.9E-07	9.7E-09	7.1E-08	1.7E-07	2.5E-07
281	SCH_	652096.56	4220282.55	652096.56,	0.000210907	0.000201336	4.97E-04	6.7E-08	6.4E-08	1.6E-07	3.1E-09	2.7E-08	6.6E-08	3.1E-09	2.4E-08	5.9E-08	8.6E-08
281	SCH_	652116.56	4220282.55	652116.56,	0.000220375	0.000210424	5.17E-04	7.0E-08	6.6E-08	1.6E-07	3.3E-09	2.8E-08	6.9E-08	3.3E-09	2.5E-08	6.2E-08	9.0E-08
281	SCH_	652136.56	4220282.55	652136.56,	0.000230552	0.000219956	5.39E-04	7.3E-08	6.9E-08	1.7E-07	3.4E-09	2.9E-08	7.2E-08	3.4E-09	2.6E-08	6.4E-08	9.4E-08
281	SCH_	652156.56	4220282.55	652156.56,	0.000241534	0.000230366	5.62E-04	7.6E-08	7.3E-08	1.8E-07	3.6E-09	3.1E-08	7.5E-08	3.6E-09	2.7E-08	6.7E-08	9.8E-08
281	SCH_	652176.56	4220282.55	652176.56,	0.000253385	0.000241554	5.87E-04	8.0E-08	7.6E-08	1.9E-07	3.8E-09	3.2E-08	7.9E-08	3.8E-09	2.9E-08	7.0E-08	1.0E-07
281	SCH_	652196.56	4220282.55	652196.56,	0.000266235	0.000253574	6.14E-04	8.4E-08	8.0E-08	1.9E-07	4.0E-09	3.4E-08	8.2E-08	4.0E-09	3.0E-08	7.3E-08	1.1E-07
281	SCH_	652216.56	4220282.55	652216.56,	0.000280211	0.00026652	6.43E-04	8.8E-08	8.4E-08	2.0E-07	4.2E-09	3.6E-08	8.6E-08	4.2E-09	3.2E-08	7.7E-08	1.1E-07

281	SCH_	652236.56	4220282.55	652236.56,	0.000295411	0.000280488	6.75E-04	9.3E-08	8.9E-08	2.1E-07	4.4E-09	3.8E-08	9.0E-08	4.4E-09	3.3E-08	8.0E-08	1.2E-07
281	SCH_	652256.56	4220282.55	652256.56,	0.000311996	0.00029559	7.09E-04	9.8E-08	9.3E-08	2.2E-07	4.6E-09	4.0E-08	9.5E-08	4.6E-09	3.5E-08	8.4E-08	1.2E-07
281	SCH_	652276.56	4220282.55	652276.56,	0.000330158	0.000312136	7.45E-04	1.0E-07	9.9E-08	2.4E-07	4.9E-09	4.2E-08	1.0E-07	4.9E-09	3.7E-08	8.9E-08	1.3E-07
281	SCH_	652296.56	4220282.55	652296.56,	0.000350092	0.00033008	7.85E-04	1.1E-07	1.0E-07	2.5E-07	5.2E-09	4.4E-08	1.1E-07	5.2E-09	3.9E-08	9.3E-08	1.4E-07
281	SCH_	652316.56	4220282.55	652316.56,	0.000372054	0.000349581	8.29E-04	1.2E-07	1.1E-07	2.6E-07	5.5E-09	4.7E-08	1.1E-07	5.5E-09	4.2E-08	9.9E-08	1.5E-07
281	SCH_	652336.56	4220282.55	652336.56,	0.000396334	0.000370821	8.76E-04	1.3E-07	1.2E-07	2.8E-07	5.9E-09	5.0E-08	1.2E-07	5.9E-09	4.4E-08	1.0E-07	1.5E-07
281	SCH_	652356.56	4220282.55	652356.56,	0.000423223	0.000394011	9.28E-04	1.3E-07	1.2E-07	2.9E-07	6.3E-09	5.3E-08	1.2E-07	6.3E-09	4.7E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220282.55	652376.56,	0.00045317	0.000419577	9.86E-04	1.4E-07	1.3E-07	3.1E-07	6.7E-09	5.6E-08	1.3E-07	6.7E-09	5.0E-08	1.2E-07	1.7E-07
281	SCH_	652396.56	4220282.55	652396.56,	0.000486595	0.000447609	1.05E-03	1.5E-07	1.4E-07	3.3E-07	7.2E-09	6.0E-08	1.4E-07	7.2E-09	5.3E-08	1.2E-07	1.9E-07
281	SCH_	652416.56	4220282.55	652416.56,	0.000524045	0.000478616	1.12E-03	1.7E-07	1.5E-07	3.5E-07	7.8E-09	6.4E-08	1.5E-07	7.8E-09	5.7E-08	1.3E-07	2.0E-07
281	SCH_	652436.56	4220282.55	652436.56,	0.000566229	0.000512883	1.20E-03	1.8E-07	1.6E-07	3.8E-07	8.4E-09	6.9E-08	1.6E-07	8.4E-09	6.1E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220282.55	652456.56,	0.000613918	0.000551283	1.28E-03	1.9E-07	1.7E-07	4.1E-07	9.1E-09	7.4E-08	1.7E-07	9.1E-09	6.6E-08	1.5E-07	2.3E-07
281	SCH_	652476.56	4220282.55	652476.56,	0.000668047	0.000594177	1.38E-03	2.1E-07	1.9E-07	4.4E-07	9.9E-09	8.0E-08	1.9E-07	9.9E-09	7.1E-08	1.6E-07	2.5E-07
281	SCH_	652096.56	4220302.55	652096.56,	0.000214446	0.000201451	4.95E-04	6.8E-08	6.4E-08	1.6E-07	3.2E-09	2.7E-08	6.6E-08	3.2E-09	2.4E-08	5.9E-08	8.6E-08
281	SCH_	652116.56	4220302.55	652116.56,	0.000224108	0.000210333	5.15E-04	7.1E-08	6.6E-08	1.6E-07	3.3E-09	2.8E-08	6.9E-08	3.3E-09	2.5E-08	6.1E-08	9.0E-08
281	SCH_	652136.56	4220302.55	652136.56,	0.00023451	0.000220027	5.37E-04	7.4E-08	6.9E-08	1.7E-07	3.5E-09	2.9E-08	7.2E-08	3.5E-09	2.6E-08	6.4E-08	9.4E-08
281	SCH_	652156.56	4220302.55	652156.56,	0.000245717	0.000230208	5.60E-04	7.8E-08	7.3E-08	1.8E-07	3.7E-09	3.1E-08	7.5E-08	3.7E-09	2.7E-08	6.7E-08	9.8E-08
281	SCH_	652176.56	4220302.55	652176.56,	0.000257857	0.000241344	5.85E-04	8.1E-08	7.6E-08	1.8E-07	3.8E-09	3.2E-08	7.8E-08	3.8E-09	2.9E-08	7.0E-08	1.0E-07
281	SCH_	652196.56	4220302.55	652196.56,	0.000270996	0.000253294	6.12E-04	8.6E-08	8.0E-08	1.9E-07	4.0E-09	3.4E-08	8.2E-08	4.0E-09	3.0E-08	7.3E-08	1.1E-07
281	SCH_	652216.56	4220302.55	652216.56,	0.000285262	0.000266153	6.41E-04	9.0E-08	8.4E-08	2.0E-07	4.2E-09	3.6E-08	8.6E-08	4.2E-09	3.2E-08	7.6E-08	1.1E-07
281	SCH_	652236.56	4220302.55	652236.56,	0.000300784	0.000280002	6.72E-04	9.5E-08	8.8E-08	2.1E-07	4.5E-09	3.7E-08	9.0E-08	4.5E-09	3.3E-08	8.0E-08	1.2E-07
281	SCH_	652256.56	4220302.55	652256.56,	0.000317722	0.000295143	7.05E-04	1.0E-07	9.3E-08	2.2E-07	4.7E-09	4.0E-08	9.4E-08	4.7E-09	3.5E-08	8.4E-08	1.2E-07
281	SCH_	652276.56	4220302.55	652276.56,	0.000336303	0.000311331	7.42E-04	1.1E-07	9.8E-08	2.3E-07	5.0E-09	4.2E-08	9.9E-08	5.0E-09	3.7E-08	8.8E-08	1.3E-07
281	SCH_	652296.56	4220302.55	652296.56,	0.000356686	0.000329065	7.82E-04	1.1E-07	1.0E-07	2.5E-07	5.3E-09	4.4E-08	1.0E-07	5.3E-09	3.9E-08	9.3E-08	1.4E-07
281	SCH_	652316.56	4220302.55	652316.56,	0.000379131	0.000348308	8.25E-04	1.2E-07	1.1E-07	2.6E-07	5.6E-09	4.7E-08	1.1E-07	5.6E-09	4.1E-08	9.8E-08	1.5E-07
281	SCH_	652336.56	4220302.55	652336.56,	0.000403894	0.000369234	8.72E-04	1.3E-07	1.2E-07	2.8E-07	6.0E-09	4.9E-08	1.2E-07	6.0E-09	4.4E-08	1.0E-07	1.5E-07
281	SCH_	652356.56	4220302.55	652356.56,	0.000431393	0.000392225	9.24E-04	1.4E-07	1.2E-07	2.9E-07	6.4E-09	5.3E-08	1.2E-07	6.4E-09	4.7E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220302.55	652376.56,	0.00046192	0.000417317	9.81E-04	1.5E-07	1.3E-07	3.1E-07	6.9E-09	5.6E-08	1.3E-07	6.9E-09	5.0E-08	1.2E-07	1.7E-07
281	SCH_	652396.56	4220302.55	652396.56,	0.00049602	0.000444813	1.04E-03	1.6E-07	1.4E-07	3.3E-07	7.4E-09	6.0E-08	1.4E-07	7.4E-09	5.3E-08	1.2E-07	1.8E-07
281	SCH_	652416.56	4220302.55	652416.56,	0.000534145	0.000475058	1.11E-03	1.7E-07	1.5E-07	3.5E-07	7.9E-09	6.4E-08	1.5E-07	7.9E-09	5.7E-08	1.3E-07	2.0E-07
281	SCH_	652436.56	4220302.55	652436.56,	0.000577035	0.000508723	1.19E-03	1.8E-07	1.6E-07	3.8E-07	8.6E-09	6.8E-08	1.6E-07	8.6E-09	6.1E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220302.55	652456.56,	0.000625399	0.000545985	1.28E-03	2.0E-07	1.7E-07	4.0E-07	9.3E-09	7.3E-08	1.7E-07	9.3E-09	6.5E-08	1.5E-07	2.3E-07
281	SCH_	652476.56	4220302.55	652476.56,	0.000680074	0.000587618	1.37E-03	2.1E-07	1.9E-07	4.3E-07	1.0E-08	7.9E-08	1.8E-07	1.0E-08	7.0E-08	1.6E-07	2.4E-07
281	SCH_	652096.56	4220322.55	652096.56,	0.000217921	0.000201252	4.93E-04	6.9E-08	6.4E-08	1.6E-07	3.2E-09	2.7E-08	6.6E-08	3.2E-09	2.4E-08	5.9E-08	8.6E-08
281	SCH_	652116.56	4220322.55	652116.56,	0.000227775	0.000210287	5.13E-04	7.2E-08	6.6E-08	1.6E-07	3.4E-09	2.8E-08	6.9E-08	3.4E-09	2.5E-08	6.1E-08	8.9E-08
281	SCH_	652136.56	4220322.55	652136.56,	0.00023837	0.000219741	5.34E-04	7.5E-08	6.9E-08	1.7E-07	3.5E-09	2.9E-08	7.2E-08	3.5E-09	2.6E-08	6.4E-08	9.3E-08
281	SCH_	652156.56	4220322.55	652156.56,	0.000249802	0.000230062	5.58E-04	7.9E-08	7.3E-08	1.8E-07	3.7E-09	3.1E-08	7.5E-08	3.7E-09	2.7E-08	6.6E-08	9.7E-08
281	SCH_	652176.56	4220322.55	652176.56,	0.000262168	0.000241125	5.82E-04	8.3E-08	7.6E-08	1.8E-07	3.9E-09	3.2E-08	7.8E-08	3.9E-09	2.9E-08	6.9E-08	1.0E-07
281	SCH_	652196.56	4220322.55	652196.56,	0.000275564	0.00025299	6.09E-04	8.7E-08	8.0E-08	1.9E-07	4.1E-09	3.4E-08	8.2E-08	4.1E-09	3.0E-08	7.2E-08	1.1E-07
281	SCH_	652216.56	4220322.55	652216.56,	0.00029012	0.000265731	6.38E-04	9.2E-08	8.4E-08	2.0E-07	4.3E-09	3.6E-08	8.5E-08	4.3E-09	3.2E-08	7.6E-08	1.1E-07
281	SCH_	652236.56	4220322.55	652236.56,	0.000305963	0.000279457	6.69E-04	9.7E-08	8.8E-08	2.1E-07	4.6E-09	3.7E-08	9.0E-08	4.6E-09	3.3E-08	8.0E-08	1.2E-07
281	SCH_	652256.56	4220322.55	652256.56,	0.000323255	0.000294259	7.02E-04	1.0E-07	9.3E-08	2.2E-07	4.8E-09	3.9E-08	9.4E-08	4.8E-09	3.5E-08	8.4E-08	1.2E-07
281	SCH_	652276.56	4220322.55	652276.56,	0.00034219	0.000310437	7.38E-04	1.1E-07	9.8E-08	2.3E-07	5.1E-09	4.2E-08	9.9E-08	5.1E-09	3.7E-08	8.8E-08	1.3E-07
281	SCH_	652296.56	4220322.55	652296.56,	0.000362991	0.000327931	7.78E-04	1.1E-07	1.0E-07	2.5E-07	5.4E-09	4.4E-08	1.0E-07	5.4E-09	3.9E-08	9.3E-08	1.4E-07
281	SCH_	652316.56	4220322.55	652316.56,	0.000385886	0.00034688	8.21E-04	1.2E-07	1.1E-07	2.6E-07	5.7E-09	4.6E-08	1.1E-07	5.7E-09	4.1E-08	9.8E-08	1.4E-07
281	SCH_	652336.56	4220322.55	652336.56,	0.000411131	0.000367445	8.68E-04	1.3E-07	1.2E-07	2.7E-07	6.1E-09	4.9E-08	1.2E-07	6.1E-09	4.4E-08	1.0E-07	1.5E-07
281	SCH_	652356.56	4220322.55	652356.56,	0.000439145	0.000389994	9.19E-04	1.4E-07	1.2E-07	2.9E-07	6.5E-09	5.2E-08	1.2E-07	6.5E-09	4.6E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220322.55	652376.56,	0.000470218	0.000414549	9.76E-04	1.5E-07	1.3E-07	3.1E-07	7.0E-09	5.6E-08	1.3E-07	7.0E-09	4.9E-08	1.2E-07	1.7E-07
281	SCH_	652396.56	4220322.55	652396.56,	0.000504833	0.000441531	1.04E-03	1.6E-07	1.4E-07	3.3E-07	7.5E-09	5.9E-08	1.4E-07	7.5E-09	5.3E-08	1.2E-07	1.8E-07
281	SCH_	652416.56	4220322.55	652416.56,	0.000543569	0.000471081	1.11E-03	1.7E-07	1.5E-07	3.5E-07	8.1E-09	6.3E-08	1.5E-07	8.1E-09	5.6E-08	1.3E-07	2.0E-07
281	SCH_	652436.56	4220322.55	652436.56,	0.000586973	0.000503864	1.18E-03	1.9E-07	1.6E-07	3.7E-07	8.7E-09	6.7E-08	1.6E-07	8.7E-09	6.0E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220322.55	652456.56,	0.000635722	0.000540035	1.27E-03	2.0E-07	1.7E-07	4.0E-07	9.5E-09	7.2E-08	1.7E-07	9.5E-09	6.4E-08	1.5E-07	2.2E-07
281	SCH_	652476.56	4220322.55	652476.56,	0.00069062	0.000580358	1.36E-03	2.2E-07	1.8E-07	4.3E-07	1.0E-08	7.8E-08	1.8E-07	1.0E-08	6.9E-08	1.6E-07	2.4E-07
281	SCH_	652096.56	4220342.55	652096.56,	0.000221267	0.000201113	4.90E-04	7.0E-08	6.3E-08	1.5E-07	3.3E-09	2.7E-08	6.6E-08	3.3E-09	2.4E-08	5.8E-08	8.6E-08
281	SCH_	652116.56	4220342.55	652116.56,	0.000231282	0.000209907	5.11E-04	7.3E-08	6.6E-08	1.6E-07	3.4E-09	2.8E-08	6.8E-08	3.4E-09	2.5E-08	6.1E-08	8.9E-08
281	SCH_	652136.56	4220342.55	652136.56,	0.00024207	0.000219505	5.32E-04	7.6E-08	6.9E-08	1.7E-07	3.6E-09	2.9E-08	7.1E-08	3.6E-09	2.6E-08	6.3E-08	9.3E-08
281	SCH_	652156.56	4220342.55	652156.56,	0.000253727	0.000229755	5.55E-04	8.0E-08	7.3E-08	1.8E-07	3.8E-09	3.1E-08	7.4E-08	3.8E-09	2.7E-08	6.6E-08	9.7E-08
281	SCH_	652176.56	4220342.55	652176.56,	0.000266318	0.000240537	5.80E-04	8.4E-08	7.6E-08	1.8E-07	4.0E-09	3.2E-08	7.8E-08	4.0E-09	2.9E-08	6.9E-08	1.0E-07
281	SCH_	652196.56	4220342.55	652196.56,	0.00027994	0.000252286	6.06E-04	8.8E-08	8.0E-08	1.9E-07	4.2E-09	3.4E-08	8.1E-08	4.2E-09	3.0E-08	7.2E-08	1.1E-07
281	SCH_	652216.56	4220342.55	652216.56,	0.000294784	0.000264907	6.35E-04	9.3E-08	8.4E-08	2.0E-07	4.4E-09	3.5E-08	8.5E-08	4.4E-09	3.2E-08	7.6E-08	1.1E-07
281	SCH_	652236.56	4220342.55	652236.56,	0.000310917	0.000278665	6.66E-04	9.8E-08	8.8E-08	2.1E-07	4.6E-09	3.7E-08	8.9E-08	4.6E-09	3.3E-08	7.9E-08	1.2E-07
281	SCH_	652256.56	4220342.55	652256.56,	0.000328531	0.000293278	6.99E-04	1.0E-07	9.3E-08	2.2E-07	4.9E-09	3.9E-08	9.4E-08	4.9E-09	3.5E-08	8.3E-08	1.2E-07
281	SCH_	652276.56	4220342.55	652276.56,	0.000347819	0.000309213	7.35E-04	1.1E-07	9.8E-08	2.3E-07	5.2E-09	4.1E-08	9.8E-08	5.2E-09	3.7E-08	8.8E-08	1.3E-07
281	SCH_	652296.56	4220342.55	652296.56,	0.000369007	0.000326422	7.74E-04	1.2E-07	1.0E-07	2.4E-07	5.5E-09	4.4E-08	1.0E-07	5.5E-09	3.9E-08	9.2E-08	1.4E-07
281	SCH_	652316.56	4220342.55	652316.56,	0.000392287	0.000345028	8.17E-04	1.2E-07	1.1E-07	2.6E-07	5.8E-09	4.6E-08	1.1E-07	5.8E-09	4.1E-08	9.7E-08	1.4E-07
281	SCH_	652336.56	4220342.55	652336.56,	0.000418015	0.000365178	8.64E-04	1.3E-07	1.2E-07	2.7E-07	6.2E-09	4.9E-08	1.2E-07	6.2E-09	4.3E-08	1.0E-07	1.5E-07
281	SCH_	652356.56	4220342.55	652356.56,	0.000446447	0.000387244	9.15E-04	1.4E-07	1.2E-07	2.9E-07	6.6E-09	5.2E-08	1.2E-07	6.6E-09	4.6E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220342.55	652376.56,	0.000477969	0.000411192	9.71E-04	1.5E-07	1.3E-07	3.1E-07	7.1E-09	5.5E-08	1.3E-07	7.1E-09	4.9E-08	1.2E-07	1.7E-07
281	SCH_	652396.56	4220342.55	652396.56,	0.000513034	0.000437441	1.03E-03	1.6E-07	1.4E-07	3.3E-07	7.6E-09	5.9E-08	1.4E-07	7.6E-09	5.2E-08	1.2E-07	1.8E-07
281	SCH_	652416.56	4220342.55	652416.56,	0.000552123	0.00046631	1.10E-03	1.7E-07	1.5E-07	3.5E-07	8.2E-09	6.2E-08	1.5E-07	8.2E-09	5.6E-08	1.3E-07	1.9E-07
281	SCH_	652436.56	4220342.55	652436.56,	0.000595816	0.000498222	1.17E-03	1.9E-07	1.6E-07	3.7E-07	8.9E-09	6.7E-08	1.6E-07	8.9E-09	5.9E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220342.55	652456.56,	0.00064466	0.00053327	1.26E-03	2.0E-07	1.7E-07	4.0E-07	9.6E-09	7.1E-08	1.7E-07	9.6E-09	6.3E-08	1.5E-07	2.2E-07
281	SCH_	652476.56	4220342.55	652476.56,	0.000699395	0.000572184	1.35E-03	2.2E-07	1.8E-07	4.2E-07	1.0E-08	7.7E-08	1.8E-07	1.0E-08	6.8E-08	1.6E-07	2.4E-07
281	SCH_	652096.56	4220362.55	652096.56,	0.000224452	0.000200847	4.88E-04	7.1E-08	6.3E-08	1.5E-07	3.3E-09	2.7E-08	6.5E-08	3.3E-09	2.4E-08	5.8E-08	8.5E-08
281	SCH_	652116.56	4220362.55	652116.56,	0.00023466	0.000209588	5.08E-04	7.4E-08	6.6E-08	1.6E-07	3.5E-09	2.8E-08	6.8E-08	3.5E-09	2.5E-08	6.1E-08	8.9E-08
281	SCH_	652136.56	4220362.55	652136.56,	0.000245609	0.000219109	5.30E-04	7.8E-08	6.9E-08	1.7E-07	3.7E-09	2.9E-08	7.1E-08	3.7E-09	2.6E-08	6.3E-08	9.3E-08
281	SCH_	652156.56	4220362.55	652156.56,	0.000257459	0.000229085	5.53E-04	8.1E-08	7.2E-08	1.7E-07	3.8E-09	3.1E-08	7.4E-08	3.8E-09	2.7E-08	6.6E-08	9.7E-08
281	SCH_	652176.56	4220362.55	652176.56,	0.000270275	0.000239959	5.77E-04	8.5E-08	7.6E-08	1.8E-07	4.0E-09	3.2E-08	7.7E-08	4.0E-09	2.9E-08	6.9E-08	1.0E-07
281	SCH_	652196.56	4220362.55	652196.56,	0.000284154	0.000251583	6.04E-04	9.0E-08	7.9E-08	1.9E-07	4.2E-09	3.4E-08	8.1E-08	4.2E-09	3.0E-08	7.2E-08	1.1E-07
281	SCH_	652216.56	4220362.55	652216.56,	0.000299224	0.000264044	6.32E-04	9.4E-08	8.3E-08	2.0E-07	4.5E-09	3.5E-08	8.5E-08	4.5E-09	3.1E-08	7.5E-08	1.1E-07
281	SCH_	652236.56	4220362.55	652236.56,	0.000315678	0.000277431	6.63E-04	1.0E-07	8.8E-08	2.1E-07	4.7E-09	3.7E-08	8.9E-08	4.7E-09	3.3E-08	7.9E-08	1.2E-07
281	SCH_	652256.56	4220362.55	652256.56,	0.000333613	0.000291998	6.96E-04	1.1E-07	9.2E-08	2.2E-07	5.0E-09	3.9E-08	9.3E-08	5.0E-09	3.5E-08	8.3E-08	1.2E-07
281	SCH_	652276.56	4220362.55	652276.56,	0.000353223	0.000307676	7.32E-04	1.1E-07	9.7E-08	2.3E-07	5.3E-09	4.1E-08	9.8E-08	5.3E-09	3.7E-08	8.7E-08	1.3E-07
281	SCH_	652296.56	4220362.55	652296.56,	0.000374764	0.000324378	7.71E-04	1.2E-07	1.0E-07	2.4E-07	5.6E-09	4.3E-08	1.0E-07	5.6E-09	3.9E-08	9.2E-08	1.4E-07
281	SCH_	652316.56	4220362.55	652316.56,	0.000398431	0.000342784	8.14E-04	1.3E-07	1.1E-07	2.6E-07	5.9E-09	4.6E-08	1.1E-07	5.9E-09	4.1E-08	9.7E-08	1.4E-07
281	SCH_	652336.56	4220362.55	652336.56,	0.000424512	0.000362466	8.60E-04	1.3E-07	1.1E-07	2.7E-07	6.3E-09	4.9E-08	1.2E-07	6.3E-09	4.3E-08	1.0E-07	1.5E-07
281	SCH_	652356.56	4220362.55	652356.56,	0.000453329	0.00038395	9.10E-04	1.4E-07	1.2E-07	2.9E-07	6.7E-09	5.1E-08	1.2E-07	6.7E-09	4.6E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220362.55	652376.56,	0.000485206	0.000407406	9.65E-04	1.5E-07	1.3E-07	3.0E-07	7.2E-09	5.5E-08	1.3E-07	7.2E-09	4.8E-08	1.1E-07	1.7E-07
281	SCH_	652396.56	4220362.55	652396.56,	0.000520527	0.000433025	1.03E-03	1.6E-07	1.4E-07	3.2E-07	7.7E-09	5.8E-08	1.4E-07	7.7E-09	5.2E-08	1.2E-07	1.8E-07
281	SCH_	652416.56	4220362.55	652416.56,	0.000559808	0.000460983	1.09E-03	1.8E-07	1.5E-07	3.4E-07	8.3E-09	6.2E-08	1.5E-07	8.3E-09	5.5E-08	1.3E-07	1.9E-07
281	SCH_	652436.56	4220362.55	652436.56,	0.0006035	0.000491846	1.16E-03	1.9E-07	1.6E-07	3.7E-07	9.0E-09	6.6E-08	1.6E-07	9.0E-09	5.9E-08	1.4E-07	2.1E-07
281	SCH_	652456.56	4220362.55	652456.56,	0.000652085	0.000525523	1.24E-03	2.1E-07	1.7E-07	3.9E-07	9.7E-09	7.0E-08	1.7E-07	9.7E-09	6.3E-08	1.5E-07	2.2E-07
281	SCH_	652476.56	4220362.55	652476.56,	0.000706207	0.000563096	1.33E-03	2.2E-07	1.8E-07	4.2E-07	1.1E-08	7.5E-08	1.8E-07	1.1E-08	6.7E-08	1.6E-07	2.4E-07
281	SCH_	652096.56	4220382.55	652096.56,	0.000227508	0.00020028	4.86E-04	7.2E-08	6.3E-08	1.5E-07	3.4E-09	2.7E-08	6.5E-08	3.4E-09	2.4E-08	5.8E-08	8.5E-08
281	SCH_	652116.56	4220382.55	652116.56,	0.000237845	0.000209131	5.06E-04	7.5E-08	6.6E-08	1.6E-07	3.5E-09	2.8E-08	6.8E-08	3.5E-09	2.5E-08	6.0E-08	8.9E-08
281	SCH_	652136.56	4220382.55	652136.56,	0.000249019	0.00021837	5.28E-04	7.9E-08	6.9E-08	1.7E-07	3.7E-09	2.9E-08	7.1E-08	3.7E-09	2.6E-08	6.3E-08	9.3E-08
281	SCH_	652156.56	4220382.55	652156.56,	0.000261062	0.00022843	5.50E-04	8.2E-08	7.2E-08	1.7E-07	3.9E-09	3.1E-08	7.4E-08	3.9E-09	2.7E-08	6.6E-08	9.7E-08
281	SCH_	652176.56	4220382.55	652176.56,	0.000274071	0.000239179	5.75E-04	8.7E-08	7.5E-08	1.8E-07	4.1E-09	3.2E-08	7.7E-08	4.1E-09	2.8E-08	6.8E-08	1.0E-07
281	SCH_	652196.56	4220382.55	652196.56,	0.000288207	0.000250655	6.01E-04	9.1E-08	7.9E-08	1.9E-07	4.3E-09	3.4E-08	8.1E-08	4.3E-09	3.0E-08	7.2E-08	1.1E-07
281	SCH_	652216.56	4220382.55	652216.56,	0.000303534	0.000262949	6.30E-04	9.6E-08	8.3E-08	2.0E-07	4.5E-09	3.5E-08	8.4E-08	4.5E-09	3.1E-08	7.5E-08	1.1E-07
281	SCH_	652236.56	4220382.55	652236.56,	0.000320246	0.000276113	6.60E-04	1.0E-07	8.7E-08	2.1E-07	4.8E-09	3.7E-08	8.8E-08	4.8E-09	3.3E-08	7.9E-08	1.2E-07
281	SCH_	652256.56	4220382.55	652256.56,	0.00033847	0.000290437	6.93E-04	1.1E-07	9.2E-08	2.2E-07	5.0E-09	3.9E-08	9.3E-08	5.0E-09	3.5E-08	8.3E-08	1.2E-07
281	SCH_	652276.56	4220382.55	652276.56,	0.000358434	0.000305626	7.29E-04	1.1E-07	9.6E-08	2.3E-07	5.3E-09	4.1E-08	9.8E-08	5.3E-09	3.6E-08	8.7E-08	1.3E-07
281	SCH_	652296.56	4220382.55	652296.56,	0.000380264	0.000322337	7.68E-04	1.2E-07	1.0E-07	2.4E-07	5.7E-09	4.3E-08	1.0E-07	5.7E-09	3.8E-08	9.1E-08	1.4E-07
281	SCH_	652316.56	4220382.55	652316.56,	0.000404252	0.000340104	8.10E-04	1.3E-07	1.1E-07	2.6E-07	6.0E-09	4.6E-08	1.1E-07	6.0E-09	4.0E-08	9.6E-08	1.4E-07
281	SCH_	652336.56	4220382.55	652336.56,	0.000430655	0.000359466	8.55E-04	1.4E-07	1.1E-07	2.7E-07	6.4E-09	4.8E-08	1.1E-07	6.4E-09	4.3E-08	1.0E-07	1.5E-07
281	SCH_	652356.56	4220382.55	652356.56,	0.000459729	0.000380326	9.05E-04	1.5E-07	1.2E-07	2.9E-07	6.8E-09	5.1E-08	1.2E-07	6.8E-09	4.5E-08	1.1E-07	1.6E-07
281	SCH_	652376.56	4220382.55	652376.56,	0.000491798	0.000403223	9.59E-04	1.6E-07	1.3E-07	3.0E-07	7.3E-09	5.4E-08	1.3E-07	7.3E-09	4.8E-08	1.1E-07	1.7E-07
281	SCH_	652396.56	4220382.55	652396.56,	0.000527215	0.000427929	1.02E-03	1.7E-07	1.4E-07	3.2E-07	7.8E-09	5.7E-08	1.4E-07	7.8E-09	5.1E-08	1.2E-07	1.8E-07
281	SCH_	652416.56	4220382.55	652416.56,	0.000566431	0.000455029	1.08E-03	1.8E-07	1.4E-07	3.4E-07	8.4E-09	6.1E-08	1.4E-07	8.4E-09	5.4E-08	1.3E-07	1.9E-07
281	SCH_	652436.56	4220382.55	652436.56,	0.000609799	0.000484642	1.15E-03	1.9E-07	1.5E-07	3.6E-07	9.1E-09	6.5E-08	1.5E-07	9.1E-09	5.8E-08	1.4E-07	2.0E-07
281	SCH_	652456.56	4220382.55	652456.56,	0.000657772	0.000517151	1.22E-03	2.1E-07	1.6E-07	3.9E-07	9.8E-09	6.9E-08	1.6E-07	9.8E-09	6.2E-08	1.5E-07	2.2E-07
281	SCH_	652476.56	4220382.55	652476.56,	0.000710766	0.000553039	1.30E-03	2.2E-07	1.7E-07	4.1E-07	1.1E-08	7.4E-08	1.7E-07	1.1E-08	6.6E-08	1.6E-07	2.3E-07
281	SCH_	652096.56	4220402.55	652096.56,	0.000230436	0.000199756	4.84E-04	7.3E-08	6.3E-08	1.5E-07	3.4E-09	2.7E-08	6.5E-08	3.4E-09	2.4E-08	5.8E-08	8.5E-08
281	SCH_	652116.56	4220402.55	652116.56,	0.000240933	0.000208339	5.04E-04	7.6E-08	6.6E-08	1.6E-07	3.6E-09	2.8E-08	6.8E-08	3.6E-09	2.5E-08	6.0E-08	8.8E-08
281	SCH_	652136.56	4220402.55	652136.56,	0.000252268	0.000217663	5.26E-04	8.0E-08	6.9E-08	1.7E-07	3.8E-09	2.9E-08	7.0E-08	3.8E-09	2.6E-08	6.3E-08	9.2E-08

281 SCH_	652156.56	4220402.55	652156.56,	0.000264504	0.000227601	5.48E-04	8.3E-08	7.2E-08	1.7E-07	3.9E-09	3.0E-08	7.3E-08	3.9E-09	2.7E-08	6.5E-08	9.6E-08
281 SCH_	652176.56	4220402.55	652176.56,	0.00027777	0.000238206	5.73E-04	8.8E-08	7.5E-08	1.8E-07	4.1E-09	3.2E-08	7.7E-08	4.1E-09	2.8E-08	6.8E-08	1.0E-07
281 SCH_	652196.56	4220402.55	652196.56,	0.000292131	0.000249511	5.99E-04	9.2E-08	7.9E-08	1.9E-07	4.3E-09	3.3E-08	8.0E-08	4.3E-09	3.0E-08	7.1E-08	1.1E-07
281 SCH_	652216.56	4220402.55	652216.56,	0.000307716	0.000261589	6.27E-04	9.7E-08	8.3E-08	2.0E-07	4.6E-09	3.5E-08	8.4E-08	4.6E-09	3.1E-08	7.5E-08	1.1E-07
281 SCH_	652236.56	4220402.55	652236.56,	0.000324684	0.000274509	6.58E-04	1.0E-07	8.7E-08	2.1E-07	4.8E-09	3.7E-08	8.8E-08	4.8E-09	3.3E-08	7.8E-08	1.2E-07
281 SCH_	652256.56	4220402.55	652256.56,	0.000343199	0.000288541	6.91E-04	1.1E-07	9.1E-08	2.2E-07	5.1E-09	3.9E-08	9.2E-08	5.1E-09	3.4E-08	8.2E-08	1.2E-07
281 SCH_	652276.56	4220402.55	652276.56,	0.000363419	0.00030357	7.26E-04	1.1E-07	9.6E-08	2.3E-07	5.4E-09	4.1E-08	9.7E-08	5.4E-09	3.6E-08	8.6E-08	1.3E-07
281 SCH_	652296.56	4220402.55	652296.56,	0.000385539	0.00031967	7.64E-04	1.2E-07	1.0E-07	2.4E-07	5.7E-09	4.3E-08	1.0E-07	5.7E-09	3.8E-08	9.1E-08	1.3E-07
281 SCH_	652316.56	4220402.55	652316.56,	0.000409784	0.00033715	8.06E-04	1.3E-07	1.1E-07	2.5E-07	6.1E-09	4.5E-08	1.1E-07	6.1E-09	4.0E-08	9.6E-08	1.4E-07
281 SCH_	652336.56	4220402.55	652336.56,	0.000436379	0.000355917	8.50E-04	1.4E-07	1.1E-07	2.7E-07	6.5E-09	4.8E-08	1.1E-07	6.5E-09	4.2E-08	1.0E-07	1.5E-07
281 SCH_	652356.56	4220402.55	652356.56,	0.000465582	0.000376276	8.98E-04	1.5E-07	1.2E-07	2.8E-07	6.9E-09	5.0E-08	1.2E-07	6.9E-09	4.5E-08	1.1E-07	1.6E-07
281 SCH_	652376.56	4220402.55	652376.56,	0.000497682	0.000398168	9.50E-04	1.6E-07	1.3E-07	3.0E-07	7.4E-09	5.3E-08	1.3E-07	7.4E-09	4.7E-08	1.1E-07	1.7E-07
281 SCH_	652396.56	4220402.55	652396.56,	0.000532969	0.000422137	1.01E-03	1.7E-07	1.3E-07	3.2E-07	7.9E-09	5.7E-08	1.3E-07	7.9E-09	5.0E-08	1.2E-07	1.8E-07
281 SCH_	652416.56	4220402.55	652416.56,	0.00057183	0.000448303	1.07E-03	1.8E-07	1.4E-07	3.4E-07	8.5E-09	6.0E-08	1.4E-07	8.5E-09	5.3E-08	1.3E-07	1.9E-07
281 SCH_	652436.56	4220402.55	652436.56,	0.000614554	0.000476731	1.13E-03	1.9E-07	1.5E-07	3.6E-07	9.1E-09	6.4E-08	1.5E-07	9.1E-09	5.7E-08	1.3E-07	2.0E-07
281 SCH_	652456.56	4220402.55	652456.56,	0.000661463	0.000507998	1.20E-03	2.1E-07	1.6E-07	3.8E-07	9.8E-09	6.8E-08	1.6E-07	9.8E-09	6.0E-08	1.4E-07	2.1E-07
281 SCH_	652476.56	4220402.55	652476.56,	0.000712878	0.000542207	1.28E-03	2.2E-07	1.7E-07	4.0E-07	1.1E-08	7.3E-08	1.7E-07	1.1E-08	6.5E-08	1.5E-07	2.3E-07
281 SCH_	652096.56	4220422.55	652096.56,	0.000233235	0.000199104	4.83E-04	7.4E-08	6.3E-08	1.5E-07	3.5E-09	2.7E-08	6.5E-08	3.5E-09	2.4E-08	5.7E-08	8.5E-08
281 SCH_	652116.56	4220422.55	652116.56,	0.000243925	0.000207577	5.03E-04	7.7E-08	6.6E-08	1.6E-07	3.6E-09	2.8E-08	6.7E-08	3.6E-09	2.5E-08	6.0E-08	8.8E-08
281 SCH_	652136.56	4220422.55	652136.56,	0.000255452	0.000216781	5.24E-04	8.1E-08	6.8E-08	1.7E-07	3.8E-09	2.9E-08	7.0E-08	3.8E-09	2.6E-08	6.2E-08	9.2E-08
281 SCH_	652156.56	4220422.55	652156.56,	0.000267881	0.000226575	5.47E-04	8.5E-08	7.2E-08	1.7E-07	4.0E-09	3.0E-08	7.3E-08	4.0E-09	2.7E-08	6.5E-08	9.6E-08
281 SCH_	652176.56	4220422.55	652176.56,	0.000281373	0.000236823	5.71E-04	8.9E-08	7.5E-08	1.8E-07	4.2E-09	3.2E-08	7.6E-08	4.2E-09	2.8E-08	6.8E-08	1.0E-07
281 SCH_	652196.56	4220422.55	652196.56,	0.000295959	0.000247926	5.97E-04	9.3E-08	7.8E-08	1.9E-07	4.4E-09	3.3E-08	8.0E-08	4.4E-09	3.0E-08	7.1E-08	1.0E-07
281 SCH_	652216.56	4220422.55	652216.56,	0.000311769	0.000259965	6.25E-04	9.8E-08	8.2E-08	2.0E-07	4.6E-09	3.5E-08	8.4E-08	4.6E-09	3.1E-08	7.4E-08	1.1E-07
281 SCH_	652236.56	4220422.55	652236.56,	0.000328995	0.000272606	6.55E-04	1.0E-07	8.6E-08	2.1E-07	4.9E-09	3.7E-08	8.8E-08	4.9E-09	3.2E-08	7.8E-08	1.2E-07
281 SCH_	652256.56	4220422.55	652256.56,	0.000347766	0.000286311	6.88E-04	1.1E-07	9.0E-08	2.2E-07	5.2E-09	3.8E-08	9.2E-08	5.2E-09	3.4E-08	8.2E-08	1.2E-07
281 SCH_	652276.56	4220422.55	652276.56,	0.000368211	0.000300941	7.23E-04	1.2E-07	9.5E-08	2.3E-07	5.5E-09	4.0E-08	9.7E-08	5.5E-09	3.6E-08	8.6E-08	1.3E-07
281 SCH_	652296.56	4220422.55	652296.56,	0.000390524	0.000316797	7.60E-04	1.2E-07	1.0E-07	2.4E-07	5.8E-09	4.2E-08	1.0E-07	5.8E-09	3.8E-08	9.0E-08	1.3E-07
281 SCH_	652316.56	4220422.55	652316.56,	0.00041493	0.000333727	8.00E-04	1.3E-07	1.1E-07	2.5E-07	6.2E-09	4.5E-08	1.1E-07	6.2E-09	4.0E-08	9.5E-08	1.4E-07
281 SCH_	652336.56	4220422.55	652336.56,	0.000441588	0.000351845	8.44E-04	1.4E-07	1.1E-07	2.7E-07	6.6E-09	4.7E-08	1.1E-07	6.6E-09	4.2E-08	1.0E-07	1.5E-07
281 SCH_	652356.56	4220422.55	652356.56,	0.000470758	0.000371643	8.90E-04	1.5E-07	1.2E-07	2.8E-07	7.0E-09	5.0E-08	1.2E-07	7.0E-09	4.4E-08	1.1E-07	1.6E-07
281 SCH_	652376.56	4220422.55	652376.56,	0.000502665	0.000392829	9.40E-04	1.6E-07	1.2E-07	3.0E-07	7.5E-09	5.3E-08	1.3E-07	7.5E-09	4.7E-08	1.1E-07	1.7E-07
281 SCH_	652396.56	4220422.55	652396.56,	0.000537597	0.000415809	9.94E-04	1.7E-07	1.3E-07	3.1E-07	8.0E-09	5.6E-08	1.3E-07	8.0E-09	4.9E-08	1.2E-07	1.8E-07
281 SCH_	652416.56	4220422.55	652416.56,	0.000575813	0.00044098	1.05E-03	1.8E-07	1.4E-07	3.3E-07	8.6E-09	5.9E-08	1.4E-07	8.6E-09	5.2E-08	1.3E-07	1.9E-07
281 SCH_	652436.56	4220422.55	652436.56,	0.000617506	0.000468123	1.11E-03	1.9E-07	1.5E-07	3.5E-07	9.2E-09	6.3E-08	1.5E-07	9.2E-09	5.6E-08	1.3E-07	2.0E-07
281 SCH_	652456.56	4220422.55	652456.56,	0.000662965	0.000497939	1.18E-03	2.1E-07	1.6E-07	3.7E-07	9.9E-09	6.7E-08	1.6E-07	9.9E-09	5.9E-08	1.4E-07	2.1E-07
281 SCH_	652476.56	4220422.55	652476.56,	0.000712383	0.000530135	1.24E-03	2.2E-07	1.7E-07	3.9E-07	1.1E-08	7.1E-08	1.7E-07	1.1E-08	6.3E-08	1.5E-07	2.2E-07
281 SCH_	652096.56	4220442.55	652096.56,	0.000236001	0.00019831	4.81E-04	7.4E-08	6.3E-08	1.5E-07	3.5E-09	2.7E-08	6.4E-08	3.5E-09	2.4E-08	5.7E-08	8.4E-08
281 SCH_	652116.56	4220442.55	652116.56,	0.000246852	0.000206658	5.01E-04	7.8E-08	6.5E-08	1.6E-07	3.7E-09	2.8E-08	6.7E-08	3.7E-09	2.5E-08	6.0E-08	8.8E-08
281 SCH_	652136.56	4220442.55	652136.56,	0.000258573	0.000215725	5.22E-04	8.2E-08	6.8E-08	1.6E-07	3.8E-09	2.9E-08	7.0E-08	3.8E-09	2.6E-08	6.2E-08	9.2E-08
281 SCH_	652156.56	4220442.55	652156.56,	0.000271227	0.000225165	5.45E-04	8.6E-08	7.1E-08	1.7E-07	4.0E-09	3.0E-08	7.3E-08	4.0E-09	2.7E-08	6.5E-08	9.6E-08
281 SCH_	652176.56	4220442.55	652176.56,	0.000284911	0.000235405	5.69E-04	9.0E-08	7.4E-08	1.8E-07	4.2E-09	3.2E-08	7.6E-08	4.2E-09	2.8E-08	6.8E-08	1.0E-07
281 SCH_	652196.56	4220442.55	652196.56,	0.00029969	0.000246468	5.95E-04	9.5E-08	7.8E-08	1.9E-07	4.5E-09	3.3E-08	8.0E-08	4.5E-09	2.9E-08	7.1E-08	1.0E-07
281 SCH_	652216.56	4220442.55	652216.56,	0.000315757	0.000258044	6.23E-04	1.0E-07	8.1E-08	2.0E-07	4.7E-09	3.5E-08	8.3E-08	4.7E-09	3.1E-08	7.4E-08	1.1E-07
281 SCH_	652236.56	4220442.55	652236.56,	0.000333176	0.000270559	6.53E-04	1.1E-07	8.5E-08	2.1E-07	5.0E-09	3.6E-08	8.7E-08	5.0E-09	3.2E-08	7.8E-08	1.1E-07
281 SCH_	652256.56	4220442.55	652256.56,	0.00035214	0.000283896	6.84E-04	1.1E-07	9.0E-08	2.2E-07	5.2E-09	3.8E-08	9.2E-08	5.2E-09	3.4E-08	8.1E-08	1.2E-07
281 SCH_	652276.56	4220442.55	652276.56,	0.000372714	0.000298107	7.19E-04	1.2E-07	9.4E-08	2.3E-07	5.5E-09	4.0E-08	9.6E-08	5.5E-09	3.5E-08	8.6E-08	1.3E-07
281 SCH_	652296.56	4220442.55	652296.56,	0.000395155	0.000313434	7.55E-04	1.2E-07	9.9E-08	2.4E-07	5.9E-09	4.2E-08	1.0E-07	5.9E-09	3.7E-08	9.0E-08	1.3E-07
281 SCH_	652316.56	4220442.55	652316.56,	0.00041956	0.000329786	7.94E-04	1.3E-07	1.0E-07	2.5E-07	6.2E-09	4.4E-08	1.1E-07	6.2E-09	3.9E-08	9.5E-08	1.4E-07
281 SCH_	652336.56	4220442.55	652336.56,	0.000446154	0.000347404	8.36E-04	1.4E-07	1.1E-07	2.6E-07	6.6E-09	4.7E-08	1.1E-07	6.6E-09	4.1E-08	1.0E-07	1.5E-07
281 SCH_	652356.56	4220442.55	652356.56,	0.00047513	0.00036642	8.81E-04	1.5E-07	1.2E-07	2.8E-07	7.1E-09	4.9E-08	1.2E-07	7.1E-09	4.4E-08	1.0E-07	1.6E-07
281 SCH_	652376.56	4220442.55	652376.56,	0.000506617	0.000386848	9.28E-04	1.6E-07	1.2E-07	2.9E-07	7.5E-09	5.2E-08	1.2E-07	7.5E-09	4.6E-08	1.1E-07	1.6E-07
281 SCH_	652396.56	4220442.55	652396.56,	0.000540937	0.000408994	9.79E-04	1.7E-07	1.3E-07	3.1E-07	8.0E-09	5.5E-08	1.3E-07	8.0E-09	4.9E-08	1.2E-07	1.7E-07
281 SCH_	652416.56	4220442.55	652416.56,	0.000578187	0.000433003	1.03E-03	1.8E-07	1.4E-07	3.3E-07	8.6E-09	5.8E-08	1.4E-07	8.6E-09	5.2E-08	1.2E-07	1.8E-07
281 SCH_	652436.56	4220442.55	652436.56,	0.000618559	0.000458912	1.09E-03	2.0E-07	1.4E-07	3.4E-07	9.2E-09	6.1E-08	1.5E-07	9.2E-09	5.5E-08	1.3E-07	1.9E-07
281 SCH_	652456.56	4220442.55	652456.56,	0.000662214	0.000487046	1.15E-03	2.1E-07	1.5E-07	3.6E-07	9.9E-09	6.5E-08	1.5E-07	9.9E-09	5.8E-08	1.4E-07	2.0E-07
281 SCH_	652476.56	4220442.55	652476.56,	0.000709249	0.00051743	1.21E-03	2.2E-07	1.6E-07	3.8E-07	1.1E-08	6.9E-08	1.6E-07	1.1E-08	6.2E-08	1.4E-07	2.2E-07
281 SCH_	652096.56	4220462.55	652096.56,	0.000238735	0.000197177	4.80E-04	7.5E-08	6.2E-08	1.5E-07	3.6E-09	2.6E-08	6.4E-08	3.6E-09	2.3E-08	5.7E-08	8.4E-08
281 SCH_	652116.56	4220462.55	652116.56,	0.000249779	0.000205578	5.00E-04	7.9E-08	6.5E-08	1.6E-07	3.7E-09	2.8E-08	6.7E-08	3.7E-09	2.4E-08	5.9E-08	8.8E-08
281 SCH_	652136.56	4220462.55	652136.56,	0.000261693	0.000214477	5.21E-04	8.3E-08	6.8E-08	1.6E-07	3.9E-09	2.9E-08	7.0E-08	3.9E-09	2.6E-08	6.2E-08	9.1E-08
281 SCH_	652156.56	4220462.55	652156.56,	0.000274508	0.000223722	5.43E-04	8.7E-08	7.1E-08	1.7E-07	4.1E-09	3.0E-08	7.3E-08	4.1E-09	2.7E-08	6.5E-08	9.5E-08
281 SCH_	652176.56	4220462.55	652176.56,	0.000288385	0.000233922	5.67E-04	9.1E-08	7.4E-08	1.8E-07	4.3E-09	3.1E-08	7.6E-08	4.3E-09	2.8E-08	6.8E-08	1.0E-07
281 SCH_	652196.56	4220462.55	652196.56,	0.000303389	0.000244547	5.93E-04	9.6E-08	7.7E-08	1.9E-07	4.5E-09	3.3E-08	7.9E-08	4.5E-09	2.9E-08	7.1E-08	1.0E-07
281 SCH_	652216.56	4220462.55	652216.56,	0.000319617	0.00025583	6.20E-04	1.0E-07	8.1E-08	2.0E-07	4.8E-09	3.4E-08	8.3E-08	4.8E-09	3.0E-08	7.4E-08	1.1E-07
281 SCH_	652236.56	4220462.55	652236.56,	0.000337196	0.000267996	6.49E-04	1.1E-07	8.5E-08	2.0E-07	5.0E-09	3.6E-08	8.7E-08	5.0E-09	3.2E-08	7.7E-08	1.1E-07
281 SCH_	652256.56	4220462.55	652256.56,	0.000356257	0.000281104	6.80E-04	1.1E-07	8.9E-08	2.1E-07	5.3E-09	3.8E-08	9.1E-08	5.3E-09	3.3E-08	8.1E-08	1.2E-07
281 SCH_	652276.56	4220462.55	652276.56,	0.000376927	0.000294841	7.14E-04	1.2E-07	9.3E-08	2.3E-07	5.6E-09	3.9E-08	9.6E-08	5.6E-09	3.5E-08	8.5E-08	1.3E-07
281 SCH_	652296.56	4220462.55	652296.56,	0.000399335	0.000309631	7.49E-04	1.3E-07	9.8E-08	2.4E-07	5.9E-09	4.1E-08	1.0E-07	5.9E-09	3.7E-08	8.9E-08	1.3E-07
281 SCH_	652316.56	4220462.55	652316.56,	0.000423643	0.000325524	7.87E-04	1.3E-07	1.0E-07	2.5E-07	6.3E-09	4.4E-08	1.1E-07	6.3E-09	3.9E-08	9.4E-08	1.4E-07
281 SCH_	652336.56	4220462.55	652336.56,	0.000449979	0.00034261	8.27E-04	1.4E-07	1.1E-07	2.6E-07	6.7E-09	4.6E-08	1.1E-07	6.7E-09	4.1E-08	9.8E-08	1.5E-07
281 SCH_	652356.56	4220462.55	652356.56,	0.000478536	0.000360748	8.69E-04	1.5E-07	1.1E-07	2.7E-07	7.1E-09	4.8E-08	1.2E-07	7.1E-09	4.3E-08	1.0E-07	1.5E-07
281 SCH_	652376.56	4220462.55	652376.56,	0.000509411	0.000380425	9.13E-04	1.6E-07	1.2E-07	2.9E-07	7.6E-09	5.1E-08	1.2E-07	7.6E-09	4.5E-08	1.1E-07	1.6E-07
281 SCH_	652396.56	4220462.55	652396.56,	0.000542797	0.000401436	9.60E-04	1.7E-07	1.3E-07	3.0E-07	8.1E-09	5.4E-08	1.3E-07	8.1E-09	4.8E-08	1.1E-07	1.7E-07
281 SCH_	652416.56	4220462.55	652416.56,	0.000578822	0.000424393	1.01E-03	1.8E-07	1.3E-07	3.2E-07	8.6E-09	5.7E-08	1.4E-07	8.6E-09	5.1E-08	1.2E-07	1.8E-07
281 SCH_	652436.56	4220462.55	652436.56,	0.000617584	0.000448847	1.06E-03	1.9E-07	1.4E-07	3.3E-07	9.2E-09	6.0E-08	1.4E-07	9.2E-09	5.3E-08	1.3E-07	1.9E-07
281 SCH_	652456.56	4220462.55	652456.56,	0.000659113	0.000475282	1.11E-03	2.1E-07	1.5E-07	3.5E-07	9.8E-09	6.4E-08	1.5E-07	9.8E-09	5.7E-08	1.3E-07	2.0E-07
281 SCH_	652476.56	4220462.55	652476.56,	0.000703475	0.000503793	1.17E-03	2.2E-07	1.6E-07	3.7E-07	1.0E-08	6.7E-08	1.6E-07	1.0E-08	6.0E-08	1.4E-07	2.1E-07
281 SCH_	652096.56	4220482.55	652096.56,	0.000241469	0.000196069	4.79E-04	7.6E-08	6.2E-08	1.5E-07	3.6E-09	2.6E-08	6.4E-08	3.6E-09	2.3E-08	5.7E-08	8.4E-08
281 SCH_	652116.56	4220482.55	652116.56,	0.000252706	0.000204317	4.98E-04	8.0E-08	6.4E-08	1.6E-07	3.8E-09	2.7E-08	6.7E-08	3.8E-09	2.4E-08	5.9E-08	8.7E-08
281 SCH_	652136.56	4220482.55	652136.56,	0.000264749	0.000213032	5.19E-04	8.4E-08	6.7E-08	1.6E-07	3.9E-09	2.9E-08	7.0E-08	3.9E-09	2.5E-08	6.2E-08	9.1E-08
281 SCH_	652156.56	4220482.55	652156.56,	0.000277756	0.000222251	5.41E-04	8.8E-08	7.0E-08	1.7E-07	4.1E-09	3.0E-08	7.2E-08	4.1E-09	2.6E-08	6.4E-08	9.5E-08
281 SCH_	652176.56	4220482.55	652176.56,	0.000291794	0.000232022	5.65E-04	9.2E-08	7.3E-08	1.8E-07	4.3E-09	3.1E-08	7.6E-08	4.3E-09	2.8E-08	6.7E-08	9.9E-08
281 SCH_	652196.56	4220482.55	652196.56,	0.000306959	0.000242354	5.90E-04	9.7E-08	7.6E-08	1.9E-07	4.6E-09	3.2E-08	7.9E-08	4.6E-09	2.9E-08	7.0E-08	1.0E-07
281 SCH_	652216.56	4220482.55	652216.56,	0.000323283	0.000253484	6.17E-04	1.0E-07	8.0E-08	1.9E-07	4.8E-09	3.4E-08	8.3E-08	4.8E-09	3.0E-08	7.3E-08	1.1E-07
281 SCH_	652236.56	4220482.55	652236.56,	0.000340959	0.000265266	6.45E-04	1.1E-07	8.4E-08	2.0E-07	5.1E-09	3.6E-08	8.6E-08	5.1E-09	3.2E-08	7.7E-08	1.1E-07
281 SCH_	652256.56	4220482.55	652256.56,	0.000360051	0.000277939	6.76E-04	1.1E-07	8.8E-08	2.1E-07	5.4E-09	3.7E-08	9.0E-08	5.4E-09	3.3E-08	8.0E-08	1.2E-07
281 SCH_	652276.56	4220482.55	652276.56,	0.000380657	0.000291352	7.08E-04	1.2E-07	9.2E-08	2.2E-07	5.7E-09	3.9E-08	9.5E-08	5.7E-09	3.5E-08	8.4E-08	1.2E-07
281 SCH_	652296.56	4220482.55	652296.56,	0.000402936	0.000305554	7.42E-04	1.3E-07	9.6E-08	2.3E-07	6.0E-09	4.1E-08	9.9E-08	6.0E-09	3.6E-08	8.8E-08	1.3E-07
281 SCH_	652316.56	4220482.55	652316.56,	0.000426986	0.000320972	7.77E-04	1.3E-07	1.0E-07	2.5E-07	6.4E-09	4.3E-08	1.0E-07	6.4E-09	3.8E-08	9.3E-08	1.4E-07
281 SCH_	652336.56	4220482.55	652336.56,	0.000452903	0.000337285	8.15E-04	1.4E-07	1.1E-07	2.6E-07	6.7E-09	4.5E-08	1.1E-07	6.7E-09	4.0E-08	9.7E-08	1.4E-07
281 SCH_	652356.56	4220482.55	652356.56,	0.000480816	0.00035473	8.55E-04	1.5E-07	1.1E-07	2.7E-07	7.2E-09	4.8E-08	1.1E-07	7.2E-09	4.2E-08	1.0E-07	1.5E-07
281 SCH_	652376.56	4220482.55	652376.56,	0.000510853	0.000373401	8.96E-04	1.6E-07	1.2E-07	2.8E-07	7.6E-09	5.0E-08	1.2E-07	7.6E-09	4.4E-08	1.1E-07	1.6E-07
281 SCH_	652396.56	4220482.55	652396.56,	0.000543144	0.000393472	9.40E-04	1.7E-07	1.2E-07	3.0E-07	8.1E-09	5.3E-08	1.3E-07	8.1E-09	4.7E-08	1.1E-07	1.7E-07
281 SCH_	652416.56	4220482.55	652416.56,	0.000577655	0.00041491	9.84E-04	1.8E-07	1.3E-07	3.1E-07	8.6E-09	5.6E-08	1.3E-07	8.6E-09	4.9E-08	1.2E-07	1.8E-07
281 SCH_	652436.56	4220482.55	652436.56,	0.000614517	0.000437862	1.03E-03	1.9E-07	1.4E-07	3.3E-07	9.1E-09	5.9E-08	1.4E-07	9.1E-09	5.2E-08	1.2E-07	1.8E-07
281 SCH_	652456.56	4220482.55	652456.56,	0.000653727	0.000462719	1.08E-03	2.1E-07	1.5E-07	3.4E-07	9.7E-09	6.2E-08	1.4E-07	9.7E-09	5.5E-08	1.3E-07	1.9E-07
281 SCH_	652476.56	4220482.55	652476.56,	0.000695191	0.000489204	1.12E-03	2.2E-07	1.5E-07	3.5E-07	1.0E-08	6.6E-08	1.5E-07	1.0E-08	5.8E-08	1.3E-07	2.0E-07
281 SCH_	652216.56	4220502.55	652216.56,	0.000326756	0.000250832	6.13E-04	1.0E-07	7.9E-08	1.9E-07	4.9E-09	3.4E-08	8.2E-08	4.9E-09	3.0E-08	7.3E-08	1.1E-07
281 SCH_	652236.56	4220502.55	652236.56,	0.0003444	0.000262385	6.41E-04	1.1E-07	8.3E-08	2.0E-07	5.1E-09	3.5E-08	8.6E-08	5.1E-09	3.1E-08	7.6E-08	1.1E-07
281 SCH_	652256.56	4220502.55	652256.56,	0.000363427	0.000274384	6.70E-04	1.1E-07	8.7E-08	2.1E-07	5.4E-09	3.7E-08	9.0E-08	5.4E-09	3.3E-08	8.0E-08	1.2E-07
281 SCH_	652276.56	4220502.55	652276.56,	0.000383871	0.000287438	7.00E-04	1.2E-07	9.1E-08	2.2E-07	5.7E-09	3.8E-08	9.4E-08	5.7E-09	3.4E-08	8.3E-08	1.2E-07
281 SCH_	652296.56	4220502.55	652296.56,	0.000405861	0.000301204	7.33E-04	1.3E-07	9.5E-08	2.3E-07	6.0E-09	4.0E-08	9.8E-08	6.0E-09	3.6E-08	8.7E-08	1.3E-07
281 SCH_	652316.56	4220502.55	652316.56,	0.00042946	0.000315909	7.67E-04	1.4E-07	1.0E-07	2.4E-07	6.4E-09	4.2E-08	1.0E-07	6.4E-09	3.8E-08	9.1E-08	1.4E-07
281 SCH_	652336.56	4220502.55	652336.56,	0.000454797	0.000331428	8.02E-04	1.4E-07	1.0E-07	2.5E-07	6.8E-09	4.4E-08	1.1E-07	6.8E-09	3.9E-08	9.5E-08	1.4E-07
281 SCH_	652356.56	4220502.55	652356.56,	0.000481936	0.000347974	8.39E-04	1.5E-07	1.1E-07	2.6E-07	7.2E-09	4.7E-08	1.1E-07	7.2E-09	4.1E-08	1.0E-07	1.5E-07
281 SCH_	652376.56	4220502.55	652376.56,	0.000510911	0.000365867	8.77E-04	1.6E-07	1.2E-07	2.8E-07	7.6E-09	4.9E-08	1.2E-07	7.6E-09	4.4E-08	1.0E-07	1.6E-07
281 SCH_	652396.56	4220502.55	652396.56,	0.000541849	0.000384731	9.16E-04	1.7E-07	1.2E-07	2.9E-07	8.1E-09	5.2E-08	1.2E-07	8.1E-09	4.6E-08	1.1E-07	1.6E-07
281 SCH_	652416.56	4220502.55	652416.56,	0.000574686	0.000404868	9.56E-04	1.8E-07	1.3E-07	3.0E-07	8.6E-09	5.4E-08	1.3E-07	8.6E-09	4.8E-08	1.1E-07	1.7E-07
281 SCH_	652436.56	4220502.55	652436.56,	0.000609486	0.000426366	9.97E-04	1.9E-07	1.3E-07	3.1E-07	9.1E-09	5.7E-08	1.3E-07	9.1E-09	5.1E-08	1.2E-07	1.8E-07
281 SCH_	652456.56	4220502.55	652456.56,	0.000646153	0.00044937	1.04E-03	2.0E-07	1.4E-07	3.3E-07	9.6E-09	6.0E-08	1.4E-07	9.6E-09	5.3E-08	1.2E-07	1.9E-07
281 SCH_	652476.56	4220502.55	652476.56,	0.000684622	0.000473882	1.08E-03	2.2E-07	1.5E-07	3.4E-07	1.0E-08	6.3E-08	1.4E-07	1.0E-08	5.6E-08	1.3E-07	1.9E-07
281 SCH_	652396.56	4220522.55	652396.56,	0.000538912	0.000375471	8.91E-04	1.7E-07	1.2E-07	2.8E-07	8.0E-09	5.0E-08	1.2E-07	8.0E-09	4.5E-08	1.1E-07	1.6E-07
281 SCH_	652416.56	4220522.55	652416.56,	0.000569946	0.000394326	9.26E-04	1.8E-07	1.2E-07	2.9E-07	8.5E-09	5.3E-08	1.2E-07	8.5E-09	4.7E-08	1.1E-07	1.7E-07
281 SCH_	652436.56	4220522.55	652436.56,	0.000602557	0.000414176	9.62E-04	1.9E-07	1.3E-07	3.0E-07	9.0E-09	5.5E-08	1.3E-07	9.0E-09	4.9E-08	1.1E-07	1.7E-07
281 SCH_	652456.56	4220522.55	652456.56,	0.000636615	0.00043537	9.97E-04	2.0E-07	1.4E-07	3.1E-07	9.5E-09	5.8E-08	1.3E-07	9.5E-09	5.2E-08	1.2E-07	1.8E-07
281 SCH_	652476.56	4220522.55	652476.56,	0.000671961	0.000457855	1.03E-03	2.1E-07	1.4E-07	3.3E-07	1.0E-08	6.1E-08	1.4E-07	1.0E-08	5.4E-08	1.2E-07	1.9E-07

Residential DOSEair =	**(Cair*(BR/BW)*A*EF*10^{-6})**	
A	1	Inhalation absorption factor[1]
EF	0.49	Exposure frequency (180/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk =	**DOSEair * CPF * ASF * ED/AT * FAH**	
CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED (Const)	ED (Ops)
Student	640	3	1	1	9
Student (Combined)	640	3	1	1	8

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Acute Risk - Fueling + Drive-thru Idling

	OnSite Fueling	Coffee Drive-thru Idling	Drive-thru Restaurant Idling
Emissions Rate (g/s):	3.01E-04	5.80E-06	5.35E-06

Discrete Receptor ID				Concentration [µg/m^3] at 1 g/s			1-hour Concentration [ug/m^3]			
	X	Y	X, Y	OnSite Fueling	Coffee Drive-thru Idling	Drive-thru Restaurant Idling	OnSite Fueling	Coffee Drive-thru Idling	Drive-thru Restaurant Idling	Total Concentration
1	RES1_	652763.96	4219991.3	652763.96, 4219991.3	731.80708	541.16414	478.86861	2.21E-01	3.14E-03	2.56E-03	2.26E-01
2	RES1_	652783.96	4219991.3	652783.96, 4219991.3	879.43249	595.11492	496.16036	2.65E-01	3.45E-03	2.65E-03	2.71E-01
3	RES1_	652803.96	4219991.3	652803.96, 4219991.3	980.70923	656.14193	504.24279	2.96E-01	3.80E-03	2.70E-03	3.02E-01
4	RES1_	652823.96	4219991.3	652823.96, 4219991.3	1020.63587	725.87732	532.46448	3.08E-01	4.21E-03	2.85E-03	3.15E-01
5	RES1_	652843.96	4219991.3	652843.96, 4219991.3	1078.43409	806.04765	586.74094	3.25E-01	4.67E-03	3.14E-03	3.33E-01
6	RES1_	652763.96	4220011.3	652763.96, 4220011.3	766.51361	507.84817	515.84708	2.31E-01	2.94E-03	2.76E-03	2.37E-01
7	RES1_	652783.96	4220011.3	652783.96, 4220011.3	906.13328	559.41845	560.02316	2.73E-01	3.24E-03	3.00E-03	2.79E-01
8	RES1_	652803.96	4220011.3	652803.96, 4220011.3	1097.51066	623.87791	596.44204	3.31E-01	3.62E-03	3.19E-03	3.38E-01
9	RES1_	652823.96	4220011.3	652823.96, 4220011.3	1255.64579	702.42928	620.49142	3.78E-01	4.07E-03	3.32E-03	3.86E-01
10	RES1_	652843.96	4220011.3	652843.96, 4220011.3	1336.81861	795.47312	640.27684	4.03E-01	4.61E-03	3.43E-03	4.11E-01
11	RES1_	652763.96	4220031.3	652763.96, 4220031.3	809.68536	507.58619	479.87301	2.44E-01	2.94E-03	2.57E-03	2.50E-01
12	RES1_	652783.96	4220031.3	652783.96, 4220031.3	956.80116	558.366	531.82943	2.88E-01	3.24E-03	2.85E-03	2.94E-01
13	RES1_	652803.96	4220031.3	652803.96, 4220031.3	1149.39459	618.62951	607.8376	3.46E-01	3.59E-03	3.25E-03	3.53E-01
14	RES1_	652823.96	4220031.3	652823.96, 4220031.3	1430.3214	689.48584	684.69552	4.31E-01	4.00E-03	3.66E-03	4.39E-01
15	RES1_	652843.96	4220031.3	652843.96, 4220031.3	1686.46305	775.63479	755.79237	5.08E-01	4.50E-03	4.04E-03	5.17E-01
16	RES1_	652763.96	4220051.3	652763.96, 4220051.3	1016.67396	477.83235	484.4008	3.06E-01	2.77E-03	2.59E-03	3.12E-01
17	RES1_	652783.96	4220051.3	652783.96, 4220051.3	1162.15394	525.91058	515.04899	3.50E-01	3.05E-03	2.76E-03	3.56E-01
18	RES1_	652803.96	4220051.3	652803.96, 4220051.3	1274.87665	581.83649	577.89718	3.84E-01	3.37E-03	3.09E-03	3.91E-01
19	RES1_	652823.96	4220051.3	652823.96, 4220051.3	1535.6291	660.40299	643.8257	4.63E-01	3.83E-03	3.44E-03	4.70E-01
20	RES1_	652843.96	4220051.3	652843.96, 4220051.3	1992.68195	779.10663	711.82807	6.01E-01	4.52E-03	3.81E-03	6.09E-01
21	RES1_	652763.96	4220071.3	652763.96, 4220071.3	974.31657	554.06328	521.10532	2.94E-01	3.21E-03	2.79E-03	3.00E-01
22	RES1_	652783.96	4220071.3	652783.96, 4220071.3	1246.46287	620.25613	571.84919	3.76E-01	3.59E-03	3.06E-03	3.82E-01
23	RES1_	652803.96	4220071.3	652803.96, 4220071.3	1605.65181	693.54093	628.9881	4.84E-01	4.02E-03	3.36E-03	4.91E-01
24	RES1_	652823.96	4220071.3	652823.96, 4220071.3	2052.19041	772.36603	692.97143	6.19E-01	4.48E-03	3.71E-03	6.27E-01
25	RES1_	652763.96	4220091.3	652763.96, 4220091.3	1024.36195	559.56554	491.54507	3.09E-01	3.24E-03	2.63E-03	3.15E-01
26	RES1_	652783.96	4220091.3	652783.96, 4220091.3	1261.85066	592.35362	538.96689	3.80E-01	3.43E-03	2.88E-03	3.87E-01
27	RES1_	652803.96	4220091.3	652803.96, 4220091.3	1606.65926	619.85321	597.94785	4.84E-01	3.59E-03	3.20E-03	4.91E-01
28	RES1_	652823.96	4220091.3	652823.96, 4220091.3	2136.35191	695.81664	670.94218	6.44E-01	4.03E-03	3.59E-03	6.52E-01
29	RES1_	652843.96	4220091.3	652843.96, 4220091.3	3011.8964	784.88499	758.18387	9.08E-01	4.55E-03	4.06E-03	9.16E-01
30	RES1_	652763.96	4220111.3	652763.96, 4220111.3	1001.74551	520.82903	500.43276	3.02E-01	3.02E-03	2.68E-03	3.08E-01
31	RES1_	652783.96	4220111.3	652783.96, 4220111.3	1225.6952	571.1049	549.19564	3.69E-01	3.31E-03	2.94E-03	3.76E-01
32	RES1_	652803.96	4220111.3	652803.96, 4220111.3	1558.56647	614.26766	606.75022	4.70E-01	3.56E-03	3.25E-03	4.77E-01
33	RES1_	652823.96	4220111.3	652823.96, 4220111.3	2177.75048	644.30412	675.35753	6.56E-01	3.73E-03	3.61E-03	6.64E-01
34	RES1_	652843.96	4220111.3	652843.96, 4220111.3	3284.7373	687.04541	758.5872	9.90E-01	3.98E-03	4.06E-03	9.98E-01
35	RES1_	652783.96	4220131.3	652783.96, 4220131.3	1345.97059	505.07965	524.61709	4.06E-01	2.93E-03	2.81E-03	4.11E-01
36	RES1_	652803.96	4220131.3	652803.96, 4220131.3	1627.06622	543.0017	581.32831	4.90E-01	3.15E-03	3.11E-03	4.97E-01
37	RES1_	652823.96	4220131.3	652823.96, 4220131.3	2042.57548	566.1208	676.75358	6.16E-01	3.28E-03	3.62E-03	6.23E-01
38	RES3_	653217.5	4220029.01	653217.5, 4220029.01	351.63176	1175.73265	1261.56581	1.06E-01	6.81E-03	6.75E-03	1.20E-01
39	RES3_	653237.5	4220029.01	653237.5, 4220029.01	317.37001	1001.16518	1060.45443	9.57E-02	5.80E-03	5.67E-03	1.07E-01
40	RES3_	653257.5	4220029.01	653257.5, 4220029.01	290.57719	866.4491	899.18199	8.76E-02	5.02E-03	4.81E-03	9.74E-02
41	RES3_	653277.5	4220029.01	653277.5, 4220029.01	268.93081	759.16259	771.93636	8.11E-02	4.40E-03	4.13E-03	8.96E-02
42	RES3_	653297.5	4220029.01	653297.5, 4220029.01	249.49124	672.71035	645.16108	7.52E-02	3.90E-03	3.45E-03	8.26E-02
43	RES3_	653217.5	4220049.01	653217.5, 4220049.01	350.08061	1427.05745	1195.91923	1.06E-01	8.27E-03	6.40E-03	1.20E-01
44	RES3_	653237.5	4220049.01	653237.5, 4220049.01	322.8811	1204.32036	955.6324	9.73E-02	6.98E-03	5.11E-03	1.09E-01
45	RES3_	653257.5	4220049.01	653257.5, 4220049.01	299.7252	1023.67126	831.32564	9.03E-02	5.93E-03	4.45E-03	1.01E-01
46	RES3_	653277.5	4220049.01	653277.5, 4220049.01	280.17718	877.02233	721.29319	8.45E-02	5.08E-03	3.86E-03	9.34E-02
47	RES3_	653297.5	4220049.01	653297.5, 4220049.01	262.00841	756.23603	636.51564	7.90E-02	4.38E-03	3.41E-03	8.68E-02
48	RES3_	653217.5	4220069.01	653217.5, 4220069.01	368.49582	1224.00502	1095.25761	1.11E-01	7.09E-03	5.86E-03	1.24E-01
49	RES3_	653237.5	4220069.01	653237.5, 4220069.01	336.41234	1041.86671	931.42213	1.01E-01	6.04E-03	4.98E-03	1.12E-01
50	RES3_	653257.5	4220069.01	653257.5, 4220069.01	308.32814	963.20148	817.67125	9.29E-02	5.58E-03	4.37E-03	1.03E-01
51	RES3_	653277.5	4220069.01	653277.5, 4220069.01	283.64467	885.20224	730.43952	8.55E-02	5.13E-03	3.91E-03	9.45E-02
52	RES3_	653297.5	4220069.01	653297.5, 4220069.01	262.8495	808.63759	659.63872	7.92E-02	4.69E-03	3.53E-03	8.74E-02
53	RES2_	653091.77	4220073.8	653091.77, 4220073.8	761.08384	6200.80322	7878.95782	2.29E-01	3.59E-02	4.22E-02	3.08E-01
54	RES2_	653107.01	4220074.09	653107.01, 4220074.09	688.30055	4659.36288	5022.71249	2.07E-01	2.70E-02	2.69E-02	2.61E-01
55	RES2_	653127.01	4220074.09	653127.01, 4220074.09	604.83274	3194.4408	3765.9877	1.82E-01	1.85E-02	2.01E-02	2.21E-01
56	RES2_	653147.01	4220074.09	653147.01, 4220074.09	535.28344	2468.25156	2573.68658	1.61E-01	1.43E-02	1.38E-02	1.89E-01
57	RES2_	653167.01	4220074.09	653167.01, 4220074.09	477.04267	1854.32246	1826.69453	1.44E-01	1.07E-02	9.77E-03	1.64E-01
58	RES2_	653187.01	4220074.09	653187.01, 4220074.09	427.95747	1482.10606	1453.4115	1.29E-01	8.59E-03	7.78E-03	1.45E-01
59	RES2_	653207.01	4220074.09	653207.01, 4220074.09	386.09089	1254.39641	1194.27333	1.16E-01	7.27E-03	6.39E-03	1.30E-01
60	RES2_	653226.41	4220070.49	653226.41, 4220070.49	353.297	1139.33625	1015.75934	1.06E-01	6.60E-03	5.43E-03	1.19E-01
61	RES2_	653246.41	4220070.49	653246.41, 4220070.49	322.74612	978.37791	879.56059	9.73E-02	5.67E-03	4.71E-03	1.08E-01
62	RES2_	653266.41	4220070.49	653266.41, 4220070.49	296.24514	911.35294	781.54756	8.93E-02	5.28E-03	4.18E-03	9.88E-02
63	RES2_	653286.41	4220070.49	653286.41, 4220070.49	273.80442	840.01713	702.06483	8.25E-02	4.87E-03	3.76E-03	9.12E-02
64	RES2_	653306.41	4220070.49	653306.41, 4220070.49	253.81221	769.64615	632.58677	7.65E-02	4.46E-03	3.38E-03	8.44E-02
65	RES2_	653092.17	4220089.4	653092.17, 4220089.4	781.27151	4180.19957	9563.90389	2.35E-01	2.42E-02	5.12E-02	3.11E-01
66	RES2_	653107.41	4220089.69	653107.41, 4220089.69	690.29816	3952.42061	5791.7993	2.08E-01	2.29E-02	3.10E-02	2.62E-01
67	RES2_	653127.41	4220089.69	653127.41, 4220089.69	596.63478	2733.75252	3232.34666	1.80E-01	1.58E-02	1.73E-02	2.13E-01
68	RES2_	653147.41	4220089.69	653147.41, 4220089.69	524.3682	2199.53085	2286.34226	1.58E-01	1.27E-02	1.22E-02	1.83E-01
69	RES2_	653167.41	4220089.69	653167.41, 4220089.69	465.83124	1766.92775	1805.98061	1.40E-01	1.02E-02	9.66E-03	1.60E-01
70	RES2_	653187.41	4220089.69	653187.41, 4220089.69	417.51475	1469.18227	1461.20044	1.26E-01	8.51E-03	7.82E-03	1.42E-01
71	RES2_	653207.41	4220089.69	653207.41, 4220089.69	377.99237	1181.35209	1202.96095	1.14E-01	6.85E-03	6.44E-03	1.27E-01
72	RES2_	653226.41	4220090.49	653226.41, 4220090.49	347.60822	1018.02065	1029.91261	1.05E-01	5.90E-03	5.51E-03	1.16E-01
73	RES2_	653246.41	4220090.49	653246.41, 4220090.49	319.18923	901.9473	889.74958	9.62E-02	5.23E-03	4.76E-03	1.06E-01
74	RES2_	653266.41	4220090.49	653266.41, 4220090.49	294.4488	802.16188	777.91985	8.88E-02	4.65E-03	4.16E-03	9.76E-02
75	RES2_	653286.41	4220090.49	653286.41, 4220090.49	272.71232	739.93053	687.03973	8.22E-02	4.29E-03	3.68E-03	9.02E-02
76	RES2_	653306.41	4220090.49	653306.41, 4220090.49	253.51194	668.94327	612.15116	7.64E-02	3.88E-03	3.27E-03	8.36E-02
77	RES2_	653092.17	4220109.4	653092.17, 4220109.4	811.64406	2680.34444	9111.42996	2.45E-01	1.55E-02	4.87E-02	3.09E-01
78	RES2_	653107.41	4220109.69	653107.41, 4220109.69	710.40372	2523.54251	5197.79104	2.14E-01	1.46E-02	2.78E-02	2.57E-01
79	RES2_	653127.41	4220109.69	653127.41, 4220109.69	605.32987	2537.18564	3318.80722	1.82E-01	1.47E-02	1.78E-02	2.15E-01
80	RES2_	653147.41	4220109.69	653147.41, 4220109.69	531.97677	1845.34032	2410.17262	1.60E-01	1.07E-02	1.29E-02	1.84E-01
81	RES2_	653167.41	4220109.69	653167.41, 4220109.69	472.69931	1625.48391	1859.8835	1.42E-01	9.42E-03	9.95E-03	1.62E-01
82	RES2_	653187.41	4220109.69	653187.41, 4220109.69	423.98418	1344.6397	1483.32357	1.28E-01	7.79E-03	7.94E-03	1.44E-01
83	RES2_	653207.41	4220109.69	653207.41, 4220109.69	383.34949	1168.02236	1207.42455	1.16E-01	6.77E-03	6.46E-03	1.29E-01
84	RES2_	653226.41	4220110.49	653226.41, 4220110.49	350.79752	1009.92004	1024.23288	1.06E-01	5.85E-03	5.48E-03	1.17E-01
85	RES2_	653246.41	4220110.49	653246.41, 4220110.49	321.24091	860.90314	884.21819	9.68E-02	4.99E-03	4.73E-03	1.07E-01

86	RES2_	653266.41	4220110.49	653266.41, 4220110.49	295.74988	742.85952	778.3668	8.91E-02	4.31E-03	4.16E-03	9.76E-02
87	RES2_	653286.41	4220110.49	653286.41, 4220110.49	273.5385	670.13619	692.22543	8.25E-02	3.88E-03	3.70E-03	9.00E-02
88	RES2_	653306.41	4220110.49	653306.41, 4220110.49	254.05664	615.40429	621.02945	7.66E-02	3.57E-03	3.32E-03	8.35E-02
89	RES2_	653092.88	4220123.48	653092.88, 4220123.48	931.42512	2140.42113	5922.9503	2.81E-01	1.24E-02	3.17E-02	3.25E-01
90	RES2_	653108.12	4220123.76	653108.12, 4220123.76	820.11815	2188.7846	3932.92142	2.47E-01	1.27E-02	2.10E-02	2.81E-01
91	RES2_	653128.12	4220123.76	653128.12, 4220123.76	701.35715	2106.25864	3025.47282	2.11E-01	1.22E-02	1.62E-02	2.40E-01
92	RES2_	653148.12	4220123.76	653148.12, 4220123.76	606.54729	1771.95491	2390.9199	1.83E-01	1.03E-02	1.28E-02	2.06E-01
93	RES2_	653168.12	4220123.76	653168.12, 4220123.76	530.02859	1378.95787	1945.36807	1.60E-01	7.99E-03	1.04E-02	1.78E-01
94	RES2_	653188.12	4220123.76	653188.12, 4220123.76	467.20791	1278.20452	1617.54017	1.41E-01	7.41E-03	8.65E-03	1.57E-01
95	RES2_	653208.12	4220123.76	653208.12, 4220123.76	414.95741	1087.66144	1365.09654	1.25E-01	6.30E-03	7.30E-03	1.39E-01
96	RES2_	653227.12	4220124.56	653227.12, 4220124.56	375.88463	953.45672	1176.38175	1.13E-01	5.53E-03	6.29E-03	1.25E-01
97	RES2_	653247.12	4220124.56	653247.12, 4220124.56	338.19884	857.97418	1013.47115	1.02E-01	4.97E-03	5.42E-03	1.12E-01
98	RES2_	653267.12	4220124.56	653267.12, 4220124.56	306.00746	743.74325	879.12883	9.22E-02	4.31E-03	4.70E-03	1.01E-01
99	RES2_	653287.12	4220124.56	653287.12, 4220124.56	278.12284	643.04661	766.64943	8.38E-02	3.73E-03	4.10E-03	9.17E-02
100	RES2_	653307.12	4220124.56	653307.12, 4220124.56	253.81227	584.06954	672.28429	7.65E-02	3.39E-03	3.60E-03	8.35E-02
101	RES4_	652875.28	4219709.68	652875.28, 4219709.68	250.55104	397.85015	283.19351	7.55E-02	2.31E-03	1.52E-03	7.93E-02
102	RES4_	652895.28	4219709.68	652895.28, 4219709.68	275.46975	398.80246	289.6328	8.30E-02	2.31E-03	1.55E-03	8.69E-02
103	RES4_	652915.28	4219709.68	652915.28, 4219709.68	294.04508	406.42054	315.65931	8.86E-02	2.36E-03	1.69E-03	9.27E-02
104	RES4_	652935.28	4219709.68	652935.28, 4219709.68	283.33218	445.58555	305.32548	8.54E-02	2.58E-03	1.63E-03	8.96E-02
105	RES4_	652955.28	4219709.68	652955.28, 4219709.68	267.17177	442.78599	306.81497	8.05E-02	2.57E-03	1.64E-03	8.47E-02
106	RES4_	652975.28	4219709.68	652975.28, 4219709.68	266.70956	435.2	325.71018	8.04E-02	2.52E-03	1.74E-03	8.47E-02
107	RES4_	652995.28	4219709.68	652995.28, 4219709.68	288.1652	475.98561	342.4394	8.69E-02	2.76E-03	1.83E-03	9.15E-02
108	RES4_	653015.28	4219709.68	653015.28, 4219709.68	299.53471	466.28437	332.97609	9.03E-02	2.70E-03	1.78E-03	9.48E-02
109	RES4_	652875.28	4219729.68	652875.28, 4219729.68	267.93195	433.04195	295.54855	8.08E-02	2.51E-03	1.58E-03	8.49E-02
110	RES4_	652895.28	4219729.68	652895.28, 4219729.68	293.65975	444.20939	305.83736	8.85E-02	2.57E-03	1.64E-03	9.27E-02
111	RES4_	652915.28	4219729.68	652915.28, 4219729.68	314.87229	438.68585	330.10764	9.49E-02	2.54E-03	1.77E-03	9.92E-02
112	RES4_	652935.28	4219729.68	652935.28, 4219729.68	302.6198	456.98731	332.65382	9.12E-02	2.65E-03	1.78E-03	9.56E-02
113	RES4_	652955.28	4219729.68	652955.28, 4219729.68	287.45466	498.02336	325.50011	8.66E-02	2.89E-03	1.74E-03	9.13E-02
114	RES4_	652975.28	4219729.68	652975.28, 4219729.68	283.59166	472.91828	337.01647	8.55E-02	2.74E-03	1.80E-03	9.00E-02
115	RES4_	652995.28	4219729.68	652995.28, 4219729.68	313.93809	505.54441	367.1405	9.46E-02	2.93E-03	1.96E-03	9.95E-02
116	RES4_	653015.28	4219729.68	653015.28, 4219729.68	319.21956	519.52326	352.02669	9.62E-02	3.01E-03	1.88E-03	1.01E-01
117	RES4_	652875.28	4219749.68	652875.28, 4219749.68	287.30099	482.52758	319.54135	8.66E-02	2.80E-03	1.71E-03	9.11E-02
118	RES4_	652895.28	4219749.68	652895.28, 4219749.68	314.19926	471.81999	324.79543	9.47E-02	2.73E-03	1.74E-03	9.92E-02
119	RES4_	652915.28	4219749.68	652915.28, 4219749.68	338.15373	483.1434	337.58371	1.02E-01	2.80E-03	1.81E-03	1.07E-01
120	RES4_	652935.28	4219749.68	652935.28, 4219749.68	324.47001	489.44615	361.94661	9.78E-02	2.84E-03	1.94E-03	1.03E-01
121	RES4_	652955.28	4219749.68	652955.28, 4219749.68	309.97759	545.06458	346.77643	9.34E-02	3.16E-03	1.86E-03	9.84E-02
122	RES4_	652975.28	4219749.68	652975.28, 4219749.68	309.198	520.27203	358.05282	9.32E-02	3.02E-03	1.92E-03	9.81E-02
123	RES4_	652995.28	4219749.68	652995.28, 4219749.68	341.76273	532.61946	392.18161	1.03E-01	3.09E-03	2.10E-03	1.08E-01
124	RES4_	653015.28	4219749.68	653015.28, 4219749.68	338.98705	579.0841	372.91101	1.02E-01	3.36E-03	2.00E-03	1.08E-01
125	RES4_	652875.28	4219769.68	652875.28, 4219769.68	308.72962	533.58116	346.17122	9.31E-02	3.09E-03	1.85E-03	9.80E-02
126	RES4_	652895.28	4219769.68	652895.28, 4219769.68	336.95981	530.09569	340.51526	1.02E-01	3.07E-03	1.82E-03	1.06E-01
127	RES4_	652915.28	4219769.68	652915.28, 4219769.68	364.74546	538.81093	354.3646	1.10E-01	3.12E-03	1.90E-03	1.15E-01
128	RES4_	652935.28	4219769.68	652935.28, 4219769.68	348.84563	535.05292	385.48791	1.05E-01	3.10E-03	2.06E-03	1.10E-01
129	RES4_	652955.28	4219769.68	652955.28, 4219769.68	335.41368	574.82435	377.13015	1.01E-01	3.33E-03	2.02E-03	1.06E-01
130	RES4_	652975.28	4219769.68	652975.28, 4219769.68	343.5591	594.06266	379.16646	1.04E-01	3.44E-03	2.03E-03	1.09E-01
131	RES4_	652995.28	4219769.68	652995.28, 4219769.68	371.84153	581.95118	416.63779	1.12E-01	3.37E-03	2.23E-03	1.18E-01
132	RES4_	653015.28	4219769.68	653015.28, 4219769.68	358.21266	644.17409	410.47633	1.08E-01	3.73E-03	2.20E-03	1.14E-01
133	RES4_	652875.28	4219789.68	652875.28, 4219789.68	332.59264	560.86682	360.4376	1.00E-01	3.25E-03	1.93E-03	1.05E-01
134	RES4_	652895.28	4219789.68	652895.28, 4219789.68	362.90628	593.63781	373.47677	1.09E-01	3.44E-03	2.00E-03	1.15E-01
135	RES4_	652915.28	4219789.68	652915.28, 4219789.68	395.36717	590.1322	377.95173	1.19E-01	3.42E-03	2.02E-03	1.25E-01
136	RES4_	652935.28	4219789.68	652935.28, 4219789.68	376.67748	602.36933	400.66476	1.14E-01	3.49E-03	2.14E-03	1.19E-01
137	RES4_	652955.28	4219789.68	652955.28, 4219789.68	363.9041	610.00415	417.69028	1.10E-01	3.54E-03	2.23E-03	1.15E-01
138	RES4_	652975.28	4219789.68	652975.28, 4219789.68	382.3574	678.039	408.46409	1.15E-01	3.93E-03	2.19E-03	1.21E-01
139	RES4_	652995.28	4219789.68	652995.28, 4219789.68	403.61085	644.35797	440.05619	1.22E-01	3.73E-03	2.35E-03	1.28E-01
140	RES4_	653015.28	4219789.68	653015.28, 4219789.68	376.36272	714.03341	452.18125	1.13E-01	4.14E-03	2.42E-03	1.20E-01
141	RES4_	652875.28	4219809.68	652875.28, 4219809.68	365.94124	565.66629	396.24949	1.10E-01	3.28E-03	2.12E-03	1.16E-01
142	RES4_	652895.28	4219809.68	652895.28, 4219809.68	392.29075	652.13577	402.79863	1.18E-01	3.78E-03	2.15E-03	1.24E-01
143	RES4_	652915.28	4219809.68	652915.28, 4219809.68	430.4537	673.77952	398.56625	1.30E-01	3.90E-03	2.13E-03	1.36E-01
144	RES4_	652935.28	4219809.68	652935.28, 4219809.68	408.51089	670.80775	417.08134	1.23E-01	3.89E-03	2.23E-03	1.29E-01
145	RES4_	652955.28	4219809.68	652955.28, 4219809.68	396.13747	673.95141	454.98397	1.19E-01	3.91E-03	2.43E-03	1.26E-01
146	RES4_	652975.28	4219809.68	652975.28, 4219809.68	425.93604	744.75952	439.30911	1.28E-01	4.32E-03	2.35E-03	1.35E-01
147	RES4_	652995.28	4219809.68	652995.28, 4219809.68	436.92319	723.79225	461.08159	1.32E-01	4.19E-03	2.47E-03	1.38E-01
148	RES4_	653015.28	4219809.68	653015.28, 4219809.68	392.46873	786.14916	497.04537	1.18E-01	4.56E-03	2.66E-03	1.26E-01
149	RES4_	652875.28	4219829.68	652875.28, 4219829.68	405.75918	637.57861	433.78696	1.22E-01	3.70E-03	2.32E-03	1.28E-01
150	RES4_	652895.28	4219829.68	652895.28, 4219829.68	426.06955	660.16891	428.82369	1.28E-01	3.83E-03	2.29E-03	1.35E-01
151	RES4_	652915.28	4219829.68	652915.28, 4219829.68	470.92562	761.54305	443.11096	1.42E-01	4.41E-03	2.37E-03	1.49E-01
152	RES4_	652935.28	4219829.68	652935.28, 4219829.68	445.02029	764.69709	447.6478	1.34E-01	4.43E-03	2.39E-03	1.41E-01
153	RES4_	652955.28	4219829.68	652955.28, 4219829.68	432.67278	778.80257	482.43202	1.30E-01	4.51E-03	2.58E-03	1.38E-01
154	RES4_	652975.28	4219829.68	652975.28, 4219829.68	474.94005	789.91612	485.46378	1.43E-01	4.58E-03	2.60E-03	1.50E-01
155	RES4_	652995.28	4219829.68	652995.28, 4219829.68	471.05171	858.83458	493.22538	1.42E-01	4.98E-03	2.64E-03	1.50E-01
156	RES4_	653015.28	4219829.68	653015.28, 4219829.68	429.66538	856.42363	544.10347	1.30E-01	4.96E-03	2.91E-03	1.37E-01
157	RES4_	652875.28	4219849.68	652875.28, 4219849.68	451.12537	761.00474	473.33857	1.36E-01	4.41E-03	2.53E-03	1.43E-01
158	RES4_	652895.28	4219849.68	652895.28, 4219849.68	464.74421	740.15413	478.30461	1.40E-01	4.29E-03	2.56E-03	1.47E-01
159	RES4_	652915.28	4219849.68	652915.28, 4219849.68	518.9116	785.70863	474.5637	1.56E-01	4.55E-03	2.54E-03	1.64E-01
160	RES4_	652935.28	4219849.68	652935.28, 4219849.68	487.61899	890.71576	477.07504	1.47E-01	5.16E-03	2.55E-03	1.55E-01
161	RES4_	652955.28	4219849.68	652955.28, 4219849.68	474.09408	877.43812	500.64723	1.43E-01	5.09E-03	2.68E-03	1.51E-01
162	RES4_	652975.28	4219849.68	652975.28, 4219849.68	529.36311	889.74744	544.49251	1.60E-01	5.16E-03	2.91E-03	1.68E-01
163	RES4_	652995.28	4219849.68	652995.28, 4219849.68	504.93643	1000.46009	534.3428	1.52E-01	5.80E-03	2.86E-03	1.61E-01
164	RES4_	653015.28	4219849.68	653015.28, 4219849.68	468.34588	956.14322	592.32457	1.41E-01	5.54E-03	3.17E-03	1.50E-01
165	RES5_	653396.88	4219710.6	653396.88, 4219710.6	134.13969	279.24219	239.83932	4.04E-02	1.62E-03	1.28E-03	4.33E-02
166	RES5_	653416.88	4219710.6	653416.88, 4219710.6	131.53464	262.97688	236.72113	3.96E-02	1.52E-03	1.27E-03	4.24E-02
167	RES5_	653436.88	4219710.6	653436.88, 4219710.6	133.61307	252.72564	220.5645	4.03E-02	1.46E-03	1.18E-03	4.29E-02
168	RES5_	653456.88	4219710.6	653456.88, 4219710.6	132.98549	237.66973	218.80461	4.01E-02	1.38E-03	1.17E-03	4.26E-02
169	RES5_	653476.88	4219710.6	653476.88, 4219710.6	130.11961	236.66253	212.27193	3.92E-02	1.37E-03	1.14E-03	4.17E-02
170	RES5_	653496.88	4219710.6	653496.88, 4219710.6	125.2458	241.78354	200.59571	3.78E-02	1.40E-03	1.07E-03	4.02E-02
171	RES5_	653516.88	4219710.6	653516.88, 4219710.6	118.98625	236.4618	196.59533	3.59E-02	1.37E-03	1.05E-03	3.83E-02
172	RES5_	653396.88	4219730.6	653396.88, 4219730.6	142.52356	286.45339	255.14843	4.30E-02	1.66E-03	1.37E-03	4.60E-02
173	RES5_	653416.88	4219730.6	653416.88, 4219730.6	143.66698	273.24986	238.37127	4.33E-02	1.58E-03	1.28E-03	4.62E-02
174	RES5_	653436.88	4219730.6	653436.88, 4219730.6	141.87438	253.71328	235.13116	4.28E-02	1.47E-03	1.26E-03	4.55E-02
175	RES5_	653456.88	4219730.6	653456.88, 4219730.6	137.66957	262.15514	227.32555	4.15E-02	1.52E-03	1.22E-03	4.42E-02
176	RES5_	653476.88	4219730.6	653476.88, 4219730.6	131.41319	262.88873	215.59942	3.96E-02	1.52E-03	1.15E-03	4.23E-02
177	RES5_	653496.88	4219730.6	653496.88, 4219730.6	123.63586	251.90101	209.67661	3.73E-02	1.46E-03	1.12E-03	3.98E-02
178	RES5_	653516.88	4219730.6	653516.88, 4219730.6	114.70793	231.65686	199.97045	3.46E-02	1.34E-03	1.07E-03	3.70E-02
179	RES5_	653396.88	4219750.6	653396.88, 4219750.6	154.63631	296.63921	258.70357	4.66E-02	1.72E-03	1.38E-03	4.97E-02
180	RES5_	653416.88	4219750.6	653416.88, 4219750.6	151.42546	279.71822	253.68351	4.56E-02	1.62E-03	1.36E-03	4.86E-02
181	RES5_	653436.88	4219750.6	653436.88, 4219750.6	145.50292	290.00686	244.29338	4.39E-02	1.68E-03	1.31E-03	4.68E-02
182	RES5_	653456.88	4219750.6	653456.88, 4219750.6	137.61235	285.05967	232.43069	4.15E-02	1.65E-03	1.24E-03	4.44E-02
183	RES5_	653476.88	4219750.6	653476.88, 4219750.6	128.10712	266.90921	223.95921	3.86E-02	1.55E-03	1.20E-03	4.14E-02

184	RES5_	653496.88	4219750.6	653496.88, 4219750.6	118.3263	239.62637	212.32385	3.57E-02	1.39E-03	1.14E-03	3.82E-02
185	RES5_	653516.88	4219750.6	653516.88, 4219750.6	117.31843	219.70819	204.3907	3.54E-02	1.27E-03	1.09E-03	3.77E-02
186	RES5_	653396.88	4219770.6	653396.88, 4219770.6	161.51793	315.66254	274.91757	4.87E-02	1.83E-03	1.47E-03	5.20E-02
187	RES5_	653416.88	4219770.6	653416.88, 4219770.6	153.67117	320.5209	263.53712	4.63E-02	1.86E-03	1.41E-03	4.96E-02
188	RES5_	653436.88	4219770.6	653436.88, 4219770.6	143.71258	307.47187	251.39426	4.33E-02	1.78E-03	1.34E-03	4.64E-02
189	RES5_	653456.88	4219770.6	653456.88, 4219770.6	132.3356	280.50159	240.67095	3.99E-02	1.63E-03	1.29E-03	4.28E-02
190	RES5_	653476.88	4219770.6	653476.88, 4219770.6	127.70637	251.06306	225.65257	3.85E-02	1.46E-03	1.21E-03	4.12E-02
191	RES5_	653496.88	4219770.6	653496.88, 4219770.6	125.38705	244.98311	225.74231	3.78E-02	1.42E-03	1.21E-03	4.04E-02
192	RES5_	653516.88	4219770.6	653516.88, 4219770.6	123.6221	240.65897	231.12683	3.73E-02	1.39E-03	1.24E-03	3.99E-02
193	RES5_	653476.88	4219790.6	653476.88, 4219790.6	134.75792	270.42952	249.53408	4.06E-02	1.57E-03	1.33E-03	4.35E-02
194	RES5_	653496.88	4219790.6	653496.88, 4219790.6	136.68548	258.92758	250.78173	4.12E-02	1.50E-03	1.34E-03	4.40E-02
195	RES5_	653516.88	4219790.6	653516.88, 4219790.6	136.94922	265.24263	240.99355	4.13E-02	1.54E-03	1.29E-03	4.41E-02
196	RES5_	653476.88	4219810.6	653476.88, 4219810.6	150.29244	299.73479	271.38832	4.53E-02	1.74E-03	1.45E-03	4.85E-02
197	RES5_	653496.88	4219810.6	653496.88, 4219810.6	148.97943	300.51569	255.0691	4.49E-02	1.74E-03	1.36E-03	4.80E-02
198	RES5_	653516.88	4219810.6	653516.88, 4219810.6	146.0677	293.50489	230.13062	4.40E-02	1.70E-03	1.23E-03	4.70E-02
199	RES5_	653476.88	4219830.6	653476.88, 4219830.6	160.81428	332.94778	268.02746	4.85E-02	1.93E-03	1.43E-03	5.18E-02
200	RES5_	653496.88	4219830.6	653496.88, 4219830.6	155.92748	315.16959	239.32017	4.70E-02	1.83E-03	1.28E-03	5.01E-02
201	RES5_	653516.88	4219830.6	653516.88, 4219830.6	149.8926	291.52293	229.90124	4.52E-02	1.69E-03	1.23E-03	4.81E-02
202	RES5_	653476.88	4219850.6	653476.88, 4219850.6	164.88816	327.11244	254.86302	4.97E-02	1.90E-03	1.36E-03	5.30E-02
203	RES5_	653496.88	4219850.6	653496.88, 4219850.6	156.58115	296.65423	254.60373	4.72E-02	1.72E-03	1.36E-03	5.03E-02
204	RES5_	653516.88	4219850.6	653516.88, 4219850.6	147.69911	285.62163	246.20207	4.45E-02	1.66E-03	1.32E-03	4.75E-02
205	RES5_	653476.88	4219870.6	653476.88, 4219870.6	161.61495	324.64525	278.20822	4.87E-02	1.88E-03	1.49E-03	5.21E-02
206	RES5_	653496.88	4219870.6	653496.88, 4219870.6	150.38541	302.50348	273.47853	4.53E-02	1.75E-03	1.46E-03	4.85E-02
207	RES5_	653516.88	4219870.6	653516.88, 4219870.6	143.93424	277.71408	278.55455	4.34E-02	1.61E-03	1.49E-03	4.65E-02
208	RES5_	653476.88	4219890.6	653476.88, 4219890.6	158.93758	304.20986	315.95068	4.79E-02	1.76E-03	1.69E-03	5.14E-02
209	RES5_	653496.88	4219890.6	653496.88, 4219890.6	151.70204	275.82018	311.99277	4.57E-02	1.60E-03	1.67E-03	4.90E-02
210	RES5_	653516.88	4219890.6	653516.88, 4219890.6	144.07755	265.82154	299.76582	4.34E-02	1.54E-03	1.60E-03	4.66E-02
211	SCH_	652096.56	4220162.55	652096.56, 4220162.55	90.50957	99.99315	98.99165	2.73E-02	5.80E-04	5.30E-04	2.84E-02
212	SCH_	652116.56	4220162.55	652116.56, 4220162.55	93.3211	105.51726	101.66921	2.81E-02	6.12E-04	5.44E-04	2.93E-02
213	SCH_	652136.56	4220162.55	652136.56, 4220162.55	96.30156	110.50511	104.48208	2.90E-02	6.40E-04	5.59E-04	3.02E-02
214	SCH_	652156.56	4220162.55	652156.56, 4220162.55	99.42295	116.58466	107.39959	3.00E-02	6.76E-04	5.75E-04	3.12E-02
215	SCH_	652176.56	4220162.55	652176.56, 4220162.55	102.64664	122.30493	110.4108	3.09E-02	7.09E-04	5.91E-04	3.22E-02
216	SCH_	652196.56	4220162.55	652196.56, 4220162.55	106.5602	128.36051	113.54864	3.21E-02	7.44E-04	6.07E-04	3.35E-02
217	SCH_	652216.56	4220162.55	652216.56, 4220162.55	110.75197	134.52879	116.8197	3.34E-02	7.80E-04	6.25E-04	3.48E-02
218	SCH_	652236.56	4220162.55	652236.56, 4220162.55	115.44345	140.95219	120.33079	3.48E-02	8.17E-04	6.44E-04	3.63E-02
219	SCH_	652256.56	4220162.55	652256.56, 4220162.55	120.42873	147.89489	124.33269	3.63E-02	8.57E-04	6.65E-04	3.78E-02
220	SCH_	652276.56	4220162.55	652276.56, 4220162.55	125.77857	154.49358	128.67796	3.79E-02	8.95E-04	6.88E-04	3.95E-02
221	SCH_	652296.56	4220162.55	652296.56, 4220162.55	131.52842	161.43661	133.49586	3.96E-02	9.36E-04	7.14E-04	4.13E-02
222	SCH_	652316.56	4220162.55	652316.56, 4220162.55	137.67223	168.25705	138.65421	4.15E-02	9.75E-04	7.42E-04	4.32E-02
223	SCH_	652336.56	4220162.55	652336.56, 4220162.55	144.25389	175.33219	144.1165	4.35E-02	1.02E-03	7.71E-04	4.53E-02
224	SCH_	652356.56	4220162.55	652356.56, 4220162.55	153.97858	182.30919	149.80829	4.64E-02	1.06E-03	8.01E-04	4.83E-02
225	SCH_	652376.56	4220162.55	652376.56, 4220162.55	165.31585	189.1497	155.67347	4.98E-02	1.10E-03	8.33E-04	5.18E-02
226	SCH_	652396.56	4220162.55	652396.56, 4220162.55	177.70591	195.50614	161.81792	5.36E-02	1.13E-03	8.66E-04	5.56E-02
227	SCH_	652416.56	4220162.55	652416.56, 4220162.55	191.08728	201.7865	168.89334	5.76E-02	1.17E-03	9.04E-04	5.97E-02
228	SCH_	652436.56	4220162.55	652436.56, 4220162.55	206.21351	207.54913	176.64353	6.22E-02	1.20E-03	9.45E-04	6.43E-02
229	SCH_	652456.56	4220162.55	652456.56, 4220162.55	222.47096	212.45229	184.99683	6.71E-02	1.23E-03	9.90E-04	6.93E-02
230	SCH_	652096.56	4220182.55	652096.56, 4220182.55	89.58485	112.12432	97.89772	2.70E-02	6.50E-04	5.24E-04	2.82E-02
231	SCH_	652116.56	4220182.55	652116.56, 4220182.55	92.71379	116.7461	100.71867	2.79E-02	6.77E-04	5.39E-04	2.92E-02
232	SCH_	652136.56	4220182.55	652136.56, 4220182.55	95.98864	121.92646	103.62739	2.89E-02	7.07E-04	5.54E-04	3.02E-02
233	SCH_	652156.56	4220182.55	652156.56, 4220182.55	99.43927	126.90052	106.67747	3.00E-02	7.35E-04	5.71E-04	3.13E-02
234	SCH_	652176.56	4220182.55	652176.56, 4220182.55	103.11168	132.00742	109.88897	3.11E-02	7.65E-04	5.88E-04	3.24E-02
235	SCH_	652196.56	4220182.55	652196.56, 4220182.55	107.76338	137.01552	113.33794	3.25E-02	7.94E-04	6.06E-04	3.39E-02
236	SCH_	652216.56	4220182.55	652216.56, 4220182.55	114.04445	142.14797	117.19029	3.44E-02	8.24E-04	6.27E-04	3.58E-02
237	SCH_	652236.56	4220182.55	652236.56, 4220182.55	120.85504	147.29451	121.39882	3.64E-02	8.54E-04	6.49E-04	3.79E-02
238	SCH_	652256.56	4220182.55	652256.56, 4220182.55	128.17306	152.37479	125.8489	3.86E-02	8.83E-04	6.73E-04	4.02E-02
239	SCH_	652276.56	4220182.55	652276.56, 4220182.55	135.93211	157.39881	130.29274	4.10E-02	9.12E-04	6.97E-04	4.26E-02
240	SCH_	652296.56	4220182.55	652296.56, 4220182.55	144.30914	161.85336	134.87038	4.35E-02	9.38E-04	7.22E-04	4.52E-02
241	SCH_	652316.56	4220182.55	652316.56, 4220182.55	153.32908	166.39902	139.65142	4.62E-02	9.64E-04	7.47E-04	4.79E-02
242	SCH_	652336.56	4220182.55	652336.56, 4220182.55	163.09825	170.69239	144.60985	4.92E-02	9.89E-04	7.74E-04	5.09E-02
243	SCH_	652356.56	4220182.55	652356.56, 4220182.55	173.80287	174.13287	149.82046	5.24E-02	1.01E-03	8.02E-04	5.42E-02
244	SCH_	652376.56	4220182.55	652376.56, 4220182.55	185.00163	177.27903	155.13916	5.58E-02	1.03E-03	8.30E-04	5.76E-02
245	SCH_	652396.56	4220182.55	652396.56, 4220182.55	197.17299	179.79287	161.44036	5.94E-02	1.04E-03	8.64E-04	6.13E-02
246	SCH_	652416.56	4220182.55	652416.56, 4220182.55	210.15064	181.35797	168.09413	6.33E-02	1.05E-03	8.99E-04	6.53E-02
247	SCH_	652436.56	4220182.55	652436.56, 4220182.55	224.31811	182.18272	175.46814	6.76E-02	1.06E-03	9.39E-04	6.96E-02
248	SCH_	652456.56	4220182.55	652456.56, 4220182.55	239.5447	188.18655	188.83465	7.22E-02	1.09E-03	1.01E-03	7.43E-02
249	SCH_	652476.56	4220182.55	652476.56, 4220182.55	255.76276	202.92465	203.22453	7.71E-02	1.18E-03	1.09E-03	7.94E-02
250	SCH_	652096.56	4220202.55	652096.56, 4220202.55	93.51379	118.4133	98.42935	2.82E-02	6.86E-04	5.27E-04	2.94E-02
251	SCH_	652116.56	4220202.55	652116.56, 4220202.55	98.28081	122.25422	101.21759	2.96E-02	7.09E-04	5.41E-04	3.09E-02
252	SCH_	652136.56	4220202.55	652136.56, 4220202.55	103.26711	126.20898	104.08664	3.11E-02	7.31E-04	5.57E-04	3.24E-02
253	SCH_	652156.56	4220202.55	652156.56, 4220202.55	108.5147	130.01109	107.04708	3.27E-02	7.53E-04	5.73E-04	3.40E-02
254	SCH_	652176.56	4220202.55	652176.56, 4220202.55	114.16281	133.82301	110.05644	3.44E-02	7.76E-04	5.89E-04	3.58E-02
255	SCH_	652196.56	4220202.55	652196.56, 4220202.55	120.19104	137.1036	113.13609	3.62E-02	7.95E-04	6.05E-04	3.76E-02
256	SCH_	652216.56	4220202.55	652216.56, 4220202.55	126.64098	140.55063	116.72277	3.82E-02	8.15E-04	6.24E-04	3.96E-02
257	SCH_	652236.56	4220202.55	652236.56, 4220202.55	133.47942	143.68698	120.55025	4.02E-02	8.33E-04	6.45E-04	4.17E-02
258	SCH_	652256.56	4220202.55	652256.56, 4220202.55	140.60206	146.50074	124.48861	4.24E-02	8.49E-04	6.66E-04	4.39E-02
259	SCH_	652276.56	4220202.55	652276.56, 4220202.55	148.11041	148.75278	128.58627	4.46E-02	8.62E-04	6.88E-04	4.62E-02
260	SCH_	652296.56	4220202.55	652296.56, 4220202.55	156.04919	150.62159	133.66565	4.70E-02	8.73E-04	7.15E-04	4.86E-02
261	SCH_	652316.56	4220202.55	652316.56, 4220202.55	164.58882	152.22874	140.78097	4.96E-02	8.82E-04	7.53E-04	5.12E-02
262	SCH_	652336.56	4220202.55	652336.56, 4220202.55	173.6731	152.895	149.91272	5.23E-02	8.86E-04	8.02E-04	5.40E-02
263	SCH_	652356.56	4220202.55	652356.56, 4220202.55	183.10984	153.08893	159.49021	5.52E-02	8.87E-04	8.53E-04	5.69E-02
264	SCH_	652376.56	4220202.55	652376.56, 4220202.55	192.99462	157.45697	169.79394	5.82E-02	9.13E-04	9.08E-04	6.00E-02
265	SCH_	652396.56	4220202.55	652396.56, 4220202.55	203.26935	168.60723	180.73006	6.13E-02	9.77E-04	9.67E-04	6.32E-02
266	SCH_	652416.56	4220202.55	652416.56, 4220202.55	214.10605	180.24423	192.26123	6.45E-02	1.04E-03	1.03E-03	6.66E-02
267	SCH_	652436.56	4220202.55	652436.56, 4220202.55	225.42162	191.57956	204.36787	6.79E-02	1.11E-03	1.09E-03	7.02E-02
268	SCH_	652456.56	4220202.55	652456.56, 4220202.55	237.01129	202.45128	216.98235	7.14E-02	1.17E-03	1.16E-03	7.38E-02
269	SCH_	652476.56	4220202.55	652476.56, 4220202.55	248.69151	212.87999	230.24455	7.50E-02	1.23E-03	1.23E-03	7.74E-02
270	SCH_	652096.56	4220222.55	652096.56, 4220222.55	102.23712	118.23962	97.34531	3.08E-02	6.85E-04	5.21E-04	3.20E-02
271	SCH_	652116.56	4220222.55	652116.56, 4220222.55	106.97771	120.90958	99.97792	3.22E-02	7.01E-04	5.35E-04	3.35E-02
272	SCH_	652136.56	4220222.55	652136.56, 4220222.55	111.83757	123.23171	102.67797	3.37E-02	7.14E-04	5.49E-04	3.50E-02
273	SCH_	652156.56	4220222.55	652156.56, 4220222.55	116.84775	125.64195	106.56925	3.52E-02	7.28E-04	5.70E-04	3.65E-02
274	SCH_	652176.56	4220222.55	652176.56, 4220222.55	122.16599	127.17643	110.60417	3.68E-02	7.37E-04	5.92E-04	3.82E-02
275	SCH_	652196.56	4220222.55	652196.56, 4220222.55	127.81542	128.93282	116.32218	3.85E-02	7.47E-04	6.22E-04	3.99E-02
276	SCH_	652216.56	4220222.55	652216.56, 4220222.55	133.78373	130.03946	122.80602	4.03E-02	7.54E-04	6.57E-04	4.17E-02
277	SCH_	652236.56	4220222.55	652236.56, 4220222.55	139.94528	130.81683	129.69747	4.22E-02	7.58E-04	6.94E-04	4.36E-02
278	SCH_	652256.56	4220222.55	652256.56, 4220222.55	146.29903	131.12905	137.01644	4.41E-02	7.60E-04	7.33E-04	4.56E-02
279	SCH_	652276.56	4220222.55	652276.56, 4220222.55	152.78532	130.90548	144.58821	4.61E-02	7.59E-04	7.74E-04	4.76E-02
280	SCH_	652296.56	4220222.55	652296.56, 4220222.55	159.5679	134.1342	152.57979	4.81E-02	7.77E-04	8.16E-04	4.97E-02
281	SCH_	652316.56	4220222.55	652316.56, 4220222.55	166.59172	143.05325	160.6977	5.02E-02	8.29E-04	8.60E-04	5.19E-02

282	SCH_	652336.56	4220222.55	652336.56, 4220222.55	173.88991	152.21334	169.35113	5.24E-02	8.82E-04	9.06E-04	5.42E-02
283	SCH_	652356.56	4220222.55	652356.56, 4220222.55	181.22737	161.44628	178.14322	5.46E-02	9.36E-04	9.53E-04	5.65E-02
284	SCH_	652376.56	4220222.55	652376.56, 4220222.55	188.57148	170.17025	187.2108	5.68E-02	9.86E-04	1.00E-03	5.88E-02
285	SCH_	652396.56	4220222.55	652396.56, 4220222.55	195.84092	178.64882	196.29545	5.90E-02	1.04E-03	1.05E-03	6.11E-02
286	SCH_	652416.56	4220222.55	652416.56, 4220222.55	203.03328	186.68759	205.58057	6.12E-02	1.08E-03	1.10E-03	6.34E-02
287	SCH_	652436.56	4220222.55	652436.56, 4220222.55	209.94251	193.58559	214.94683	6.33E-02	1.12E-03	1.15E-03	6.56E-02
288	SCH_	652456.56	4220222.55	652456.56, 4220222.55	216.39981	199.39914	224.21025	6.52E-02	1.16E-03	1.20E-03	6.76E-02
289	SCH_	652476.56	4220222.55	652476.56, 4220222.55	230.13906	203.6088	232.99715	6.94E-02	1.18E-03	1.25E-03	7.18E-02
290	SCH_	652096.56	4220242.55	652096.56, 4220242.55	107.38632	111.89197	103.13977	3.24E-02	6.48E-04	5.52E-04	3.36E-02
291	SCH_	652116.56	4220242.55	652116.56, 4220242.55	111.72694	112.86968	108.29825	3.37E-02	6.54E-04	5.79E-04	3.49E-02
292	SCH_	652136.56	4220242.55	652136.56, 4220242.55	116.13077	113.75193	113.66336	3.50E-02	6.59E-04	6.08E-04	3.63E-02
293	SCH_	652156.56	4220242.55	652156.56, 4220242.55	120.59077	113.83901	119.2901	3.63E-02	6.60E-04	6.38E-04	3.76E-02
294	SCH_	652176.56	4220242.55	652176.56, 4220242.55	125.16701	114.06838	125.04334	3.77E-02	6.61E-04	6.69E-04	3.91E-02
295	SCH_	652196.56	4220242.55	652196.56, 4220242.55	129.92008	113.56339	130.90023	3.92E-02	6.58E-04	7.00E-04	4.05E-02
296	SCH_	652216.56	4220242.55	652216.56, 4220242.55	134.78092	115.98798	137.10482	4.06E-02	6.72E-04	7.33E-04	4.20E-02
297	SCH_	652236.56	4220242.55	652236.56, 4220242.55	139.80688	123.30513	143.40505	4.21E-02	7.15E-04	7.67E-04	4.36E-02
298	SCH_	652256.56	4220242.55	652256.56, 4220242.55	144.85917	130.67559	149.84737	4.37E-02	7.57E-04	8.02E-04	4.52E-02
299	SCH_	652276.56	4220242.55	652276.56, 4220242.55	149.84123	138.2355	156.21369	4.52E-02	8.01E-04	8.36E-04	4.68E-02
300	SCH_	652296.56	4220242.55	652296.56, 4220242.55	154.71729	145.52396	162.73628	4.66E-02	8.43E-04	8.71E-04	4.84E-02
301	SCH_	652316.56	4220242.55	652316.56, 4220242.55	159.59367	152.5423	169.35899	4.81E-02	8.84E-04	9.06E-04	4.99E-02
302	SCH_	652336.56	4220242.55	652336.56, 4220242.55	164.29203	159.26248	175.91065	4.95E-02	9.23E-04	9.41E-04	5.14E-02
303	SCH_	652356.56	4220242.55	652356.56, 4220242.55	168.75157	165.44182	182.15913	5.09E-02	9.59E-04	9.75E-04	5.28E-02
304	SCH_	652376.56	4220242.55	652376.56, 4220242.55	172.76004	170.68543	188.31008	5.21E-02	9.89E-04	1.01E-03	5.41E-02
305	SCH_	652396.56	4220242.55	652396.56, 4220242.55	181.78001	175.16142	194.1456	5.48E-02	1.02E-03	1.04E-03	5.68E-02
306	SCH_	652416.56	4220242.55	652416.56, 4220242.55	193.75178	178.28549	199.5923	5.84E-02	1.03E-03	1.07E-03	6.05E-02
307	SCH_	652436.56	4220242.55	652436.56, 4220242.55	206.01168	179.92753	204.40684	6.21E-02	1.04E-03	1.09E-03	6.42E-02
308	SCH_	652456.56	4220242.55	652456.56, 4220242.55	218.33355	179.88601	208.51068	6.58E-02	1.04E-03	1.12E-03	6.80E-02
309	SCH_	652476.56	4220242.55	652476.56, 4220242.55	230.45525	187.40021	211.76842	6.95E-02	1.09E-03	1.13E-03	7.17E-02
310	SCH_	652096.56	4220262.55	652096.56, 4220262.55	108.66087	100.27815	114.08971	3.28E-02	5.81E-04	6.10E-04	3.39E-02
311	SCH_	652116.56	4220262.55	652116.56, 4220262.55	112.2005	99.75344	118.78139	3.38E-02	5.78E-04	6.35E-04	3.50E-02
312	SCH_	652136.56	4220262.55	652136.56, 4220262.55	115.82815	101.44015	123.62519	3.49E-02	5.88E-04	6.61E-04	3.62E-02
313	SCH_	652156.56	4220262.55	652156.56, 4220262.55	119.50115	107.67193	128.3272	3.60E-02	6.24E-04	6.87E-04	3.73E-02
314	SCH_	652176.56	4220262.55	652176.56, 4220262.55	123.06146	113.83359	133.11259	3.71E-02	6.60E-04	7.12E-04	3.85E-02
315	SCH_	652196.56	4220262.55	652196.56, 4220262.55	126.55635	119.93021	138.00949	3.81E-02	6.95E-04	7.38E-04	3.96E-02
316	SCH_	652216.56	4220262.55	652216.56, 4220262.55	129.94788	126.18285	142.9054	3.92E-02	7.31E-04	7.65E-04	4.07E-02
317	SCH_	652236.56	4220262.55	652236.56, 4220262.55	133.37796	132.16285	147.64358	4.02E-02	7.66E-04	7.90E-04	4.18E-02
318	SCH_	652256.56	4220262.55	652256.56, 4220262.55	136.62699	137.72249	152.1902	4.12E-02	7.98E-04	8.14E-04	4.28E-02
319	SCH_	652276.56	4220262.55	652276.56, 4220262.55	139.595	143.09313	156.5928	4.21E-02	8.29E-04	8.38E-04	4.37E-02
320	SCH_	652296.56	4220262.55	652296.56, 4220262.55	142.20251	148.05442	160.79643	4.29E-02	8.58E-04	8.60E-04	4.46E-02
321	SCH_	652316.56	4220262.55	652316.56, 4220262.55	148.43872	152.08607	164.82718	4.47E-02	8.81E-04	8.82E-04	4.65E-02
322	SCH_	652336.56	4220262.55	652336.56, 4220262.55	157.26802	155.54531	168.22897	4.74E-02	9.01E-04	9.00E-04	4.92E-02
323	SCH_	652356.56	4220262.55	652356.56, 4220262.55	166.2739	157.86275	171.19438	5.01E-02	9.15E-04	9.16E-04	5.20E-02
324	SCH_	652376.56	4220262.55	652376.56, 4220262.55	175.29756	158.99583	173.69443	5.28E-02	9.21E-04	9.29E-04	5.47E-02
325	SCH_	652396.56	4220262.55	652396.56, 4220262.55	184.19446	158.84503	175.3811	5.55E-02	9.21E-04	9.38E-04	5.74E-02
326	SCH_	652416.56	4220262.55	652416.56, 4220262.55	192.92613	163.76211	176.18106	5.82E-02	9.49E-04	9.43E-04	6.00E-02
327	SCH_	652436.56	4220262.55	652436.56, 4220262.55	201.12903	171.96809	179.54972	6.06E-02	9.97E-04	9.61E-04	6.26E-02
328	SCH_	652456.56	4220262.55	652456.56, 4220262.55	208.59414	178.78342	193.65145	6.29E-02	1.04E-03	1.04E-03	6.49E-02
329	SCH_	652476.56	4220262.55	652476.56, 4220262.55	214.79503	183.89717	207.93606	6.47E-02	1.07E-03	1.11E-03	6.69E-02
330	SCH_	652096.56	4220282.55	652096.56, 4220282.55	106.20225	100.20868	119.09886	3.20E-02	5.81E-04	6.37E-04	3.32E-02
331	SCH_	652116.56	4220282.55	652116.56, 4220282.55	108.72669	105.34566	122.83087	3.28E-02	6.11E-04	6.57E-04	3.40E-02
332	SCH_	652136.56	4220282.55	652136.56, 4220282.55	111.20954	110.60186	126.37617	3.35E-02	6.41E-04	6.76E-04	3.48E-02
333	SCH_	652156.56	4220282.55	652156.56, 4220282.55	113.72619	115.78167	129.78652	3.43E-02	6.71E-04	6.94E-04	3.56E-02
334	SCH_	652176.56	4220282.55	652176.56, 4220282.55	115.98553	120.58228	133.10866	3.50E-02	6.99E-04	7.12E-04	3.64E-02
335	SCH_	652196.56	4220282.55	652196.56, 4220282.55	118.03391	125.22012	136.29297	3.56E-02	7.26E-04	7.29E-04	3.70E-02
336	SCH_	652216.56	4220282.55	652216.56, 4220282.55	119.80831	129.57155	139.26672	3.61E-02	7.51E-04	7.45E-04	3.76E-02
337	SCH_	652236.56	4220282.55	652236.56, 4220282.55	124.30959	133.46005	141.90647	3.75E-02	7.73E-04	7.59E-04	3.90E-02
338	SCH_	652256.56	4220282.55	652256.56, 4220282.55	131.01823	136.667	144.14392	3.95E-02	7.92E-04	7.71E-04	4.11E-02
339	SCH_	652276.56	4220282.55	652276.56, 4220282.55	137.8944	139.4406	145.94265	4.16E-02	8.08E-04	7.81E-04	4.32E-02
340	SCH_	652296.56	4220282.55	652296.56, 4220282.55	144.81411	141.12774	147.50046	4.37E-02	8.18E-04	7.89E-04	4.53E-02
341	SCH_	652316.56	4220282.55	652316.56, 4220282.55	151.63548	141.89473	148.29711	4.57E-02	8.22E-04	7.93E-04	4.73E-02
342	SCH_	652336.56	4220282.55	652336.56, 4220282.55	158.33473	141.65457	148.39177	4.77E-02	8.21E-04	7.94E-04	4.93E-02
343	SCH_	652356.56	4220282.55	652356.56, 4220282.55	164.85575	144.66009	150.82806	4.97E-02	8.38E-04	8.07E-04	5.13E-02
344	SCH_	652376.56	4220282.55	652376.56, 4220282.55	170.90764	151.73019	161.76133	5.15E-02	8.79E-04	8.65E-04	5.33E-02
345	SCH_	652396.56	4220282.55	652396.56, 4220282.55	176.37969	157.93645	172.90131	5.32E-02	9.15E-04	9.25E-04	5.50E-02
346	SCH_	652416.56	4220282.55	652416.56, 4220282.55	180.95193	162.65453	183.94564	5.45E-02	9.43E-04	9.84E-04	5.65E-02
347	SCH_	652436.56	4220282.55	652436.56, 4220282.55	184.41338	165.87961	194.70139	5.56E-02	9.61E-04	1.04E-03	5.76E-02
348	SCH_	652456.56	4220282.55	652456.56, 4220282.55	191.56589	167.13594	204.84927	5.77E-02	9.69E-04	1.10E-03	5.98E-02
349	SCH_	652476.56	4220282.55	652476.56, 4220282.55	200.32606	172.01946	214.17797	6.04E-02	9.97E-04	1.15E-03	6.25E-02
350	SCH_	652096.56	4220302.55	652096.56, 4220302.55	100.08053	106.61674	117.55446	3.02E-02	6.18E-04	6.29E-04	3.14E-02
351	SCH_	652116.56	4220302.55	652116.56, 4220302.55	101.56353	110.69473	119.9423	3.06E-02	6.42E-04	6.42E-04	3.19E-02
352	SCH_	652136.56	4220302.55	652136.56, 4220302.55	102.77679	114.47701	121.91326	3.10E-02	6.63E-04	6.52E-04	3.23E-02
353	SCH_	652156.56	4220302.55	652156.56, 4220302.55	106.15948	118.04952	123.70591	3.20E-02	6.84E-04	6.62E-04	3.33E-02
354	SCH_	652176.56	4220302.55	652176.56, 4220302.55	111.37496	121.18102	125.08847	3.36E-02	7.02E-04	6.69E-04	3.49E-02
355	SCH_	652196.56	4220302.55	652196.56, 4220302.55	116.81606	123.73756	126.37984	3.52E-02	7.17E-04	6.76E-04	3.66E-02
356	SCH_	652216.56	4220302.55	652216.56, 4220302.55	122.25433	125.93964	127.1159	3.69E-02	7.30E-04	6.80E-04	3.83E-02
357	SCH_	652236.56	4220302.55	652236.56, 4220302.55	127.67875	127.22407	127.43855	3.85E-02	7.37E-04	6.82E-04	3.99E-02
358	SCH_	652256.56	4220302.55	652256.56, 4220302.55	132.93949	127.73324	127.20994	4.01E-02	7.40E-04	6.81E-04	4.15E-02
359	SCH_	652276.56	4220302.55	652276.56, 4220302.55	138.14821	127.48213	128.99785	4.16E-02	7.39E-04	6.90E-04	4.31E-02
360	SCH_	652296.56	4220302.55	652296.56, 4220302.55	143.15232	129.00453	137.77309	4.32E-02	7.48E-04	7.37E-04	4.46E-02
361	SCH_	652316.56	4220302.55	652316.56, 4220302.55	147.73918	135.18382	146.61134	4.45E-02	7.83E-04	7.84E-04	4.61E-02
362	SCH_	652336.56	4220302.55	652336.56, 4220302.55	151.89968	140.76433	155.47685	4.58E-02	8.16E-04	8.32E-04	4.74E-02
363	SCH_	652356.56	4220302.55	652356.56, 4220302.55	155.32184	145.26385	164.14608	4.68E-02	8.42E-04	8.78E-04	4.85E-02
364	SCH_	652376.56	4220302.55	652376.56, 4220302.55	157.97461	148.62696	172.44734	4.76E-02	8.61E-04	9.23E-04	4.94E-02
365	SCH_	652396.56	4220302.55	652396.56, 4220302.55	162.43952	150.46901	180.28758	4.90E-02	8.72E-04	9.65E-04	5.08E-02
366	SCH_	652416.56	4220302.55	652416.56, 4220302.55	169.5912	150.56641	187.31696	5.11E-02	8.73E-04	1.00E-03	5.30E-02
367	SCH_	652436.56	4220302.55	652436.56, 4220302.55	175.8317	157.36337	193.28608	5.30E-02	9.12E-04	1.03E-03	5.49E-02
368	SCH_	652456.56	4220302.55	652456.56, 4220302.55	180.77907	162.77379	197.94289	5.45E-02	9.43E-04	1.06E-03	5.65E-02
369	SCH_	652476.56	4220302.55	652476.56, 4220302.55	185.72684	166.78127	201.01305	5.60E-02	9.67E-04	1.08E-03	5.80E-02
370	SCH_	652096.56	4220322.55	652096.56, 4220322.55	96.26549	108.14909	109.91745	2.90E-02	6.27E-04	5.88E-04	3.02E-02
371	SCH_	652116.56	4220322.55	652116.56, 4220322.55	100.62111	110.67798	110.63548	3.03E-02	6.41E-04	5.92E-04	3.16E-02
372	SCH_	652136.56	4220322.55	652136.56, 4220322.55	105.01371	112.78508	111.0527	3.17E-02	6.54E-04	5.94E-04	3.29E-02
373	SCH_	652156.56	4220322.55	652156.56, 4220322.55	109.42591	114.52799	110.88984	3.30E-02	6.64E-04	5.93E-04	3.42E-02
374	SCH_	652176.56	4220322.55	652176.56, 4220322.55	113.70041	115.49559	110.68281	3.43E-02	6.69E-04	5.92E-04	3.55E-02
375	SCH_	652196.56	4220322.55	652196.56, 4220322.55	117.89355	115.85498	111.96097	3.55E-02	6.71E-04	5.99E-04	3.68E-02
376	SCH_	652216.56	4220322.55	652216.56, 4220322.55	122.01036	115.64738	119.10079	3.68E-02	6.70E-04	6.37E-04	3.81E-02
377	SCH_	652236.56	4220322.55	652236.56, 4220322.55	125.94621	116.28764	126.29768	3.80E-02	6.74E-04	6.76E-04	3.93E-02
378	SCH_	652256.56	4220322.55	652256.56, 4220322.55	129.50454	121.39986	133.58048	3.90E-02	7.04E-04	7.15E-04	4.05E-02
379	SCH_	652276.56	4220322.55	652276.56, 4220322.55	132.71678	126.34664	140.72531	4.00E-02	7.32E-04	7.53E-04	4.15E-02

380	SCH_	652296.56	4220322.55	652296.56, 4220322.55	135.38021	130.62141	147.6141	4.08E-02	7.57E-04	7.90E-04	4.24E-02
381	SCH_	652316.56	4220322.55	652316.56, 4220322.55	137.44037	133.79675	154.18212	4.14E-02	7.75E-04	8.25E-04	4.30E-02
382	SCH_	652336.56	4220322.55	652336.56, 4220322.55	140.0775	136.01301	160.32602	4.22E-02	7.88E-04	8.58E-04	4.39E-02
383	SCH_	652356.56	4220322.55	652356.56, 4220322.55	146.02252	136.70162	165.66691	4.40E-02	7.92E-04	8.86E-04	4.57E-02
384	SCH_	652376.56	4220322.55	652376.56, 4220322.55	151.30154	138.74716	170.22338	4.56E-02	8.04E-04	9.11E-04	4.73E-02
385	SCH_	652396.56	4220322.55	652396.56, 4220322.55	155.76984	144.55433	173.67791	4.70E-02	8.38E-04	9.29E-04	4.87E-02
386	SCH_	652416.56	4220322.55	652416.56, 4220322.55	158.94996	148.70676	175.86415	4.79E-02	8.62E-04	9.41E-04	4.97E-02
387	SCH_	652436.56	4220322.55	652436.56, 4220322.55	164.2543	152.4074	176.43332	4.95E-02	8.83E-04	9.44E-04	5.13E-02
388	SCH_	652456.56	4220322.55	652456.56, 4220322.55	170.34658	158.74325	180.0964	5.13E-02	9.20E-04	9.63E-04	5.32E-02
389	SCH_	652476.56	4220322.55	652476.56, 4220322.55	183.14149	166.18365	189.91381	5.52E-02	9.63E-04	1.02E-03	5.72E-02
390	SCH_	652096.56	4220342.55	652096.56, 4220342.55	98.71235	104.78618	97.33721	2.98E-02	6.07E-04	5.21E-04	3.09E-02
391	SCH_	652116.56	4220342.55	652116.56, 4220342.55	102.13318	105.5013	98.33036	3.08E-02	6.11E-04	5.26E-04	3.19E-02
392	SCH_	652136.56	4220342.55	652136.56, 4220342.55	105.55159	105.75913	104.17379	3.18E-02	6.13E-04	5.57E-04	3.30E-02
393	SCH_	652156.56	4220342.55	652156.56, 4220342.55	108.86539	105.56343	110.28507	3.28E-02	6.12E-04	5.90E-04	3.40E-02
394	SCH_	652176.56	4220342.55	652176.56, 4220342.55	112.02169	106.04363	116.29588	3.38E-02	6.15E-04	6.22E-04	3.50E-02
395	SCH_	652196.56	4220342.55	652196.56, 4220342.55	114.82652	109.79311	122.23348	3.46E-02	6.36E-04	6.54E-04	3.59E-02
396	SCH_	652216.56	4220342.55	652216.56, 4220342.55	117.35987	114.23099	128.12529	3.54E-02	6.62E-04	6.85E-04	3.67E-02
397	SCH_	652236.56	4220342.55	652236.56, 4220342.55	119.47068	118.21746	133.66737	3.60E-02	6.85E-04	7.15E-04	3.74E-02
398	SCH_	652256.56	4220342.55	652256.56, 4220342.55	121.12021	121.26834	138.9385	3.65E-02	7.03E-04	7.43E-04	3.80E-02
399	SCH_	652276.56	4220342.55	652276.56, 4220342.55	122.45835	123.53859	143.83046	3.69E-02	7.16E-04	7.69E-04	3.84E-02
400	SCH_	652296.56	4220342.55	652296.56, 4220342.55	127.42234	124.77058	147.96778	3.84E-02	7.23E-04	7.92E-04	3.99E-02
401	SCH_	652316.56	4220342.55	652316.56, 4220342.55	131.99123	124.83113	151.48967	3.98E-02	7.23E-04	8.10E-04	4.13E-02
402	SCH_	652336.56	4220342.55	652336.56, 4220342.55	135.9246	128.71913	154.08867	4.10E-02	7.46E-04	8.24E-04	4.25E-02
403	SCH_	652356.56	4220342.55	652356.56, 4220342.55	139.09895	133.38477	155.65868	4.19E-02	7.73E-04	8.33E-04	4.35E-02
404	SCH_	652376.56	4220342.55	652376.56, 4220342.55	141.13213	136.61449	155.96043	4.25E-02	7.92E-04	8.34E-04	4.42E-02
405	SCH_	652396.56	4220342.55	652396.56, 4220342.55	146.69521	139.92888	157.69584	4.42E-02	8.11E-04	8.44E-04	4.59E-02
406	SCH_	652416.56	4220342.55	652416.56, 4220342.55	151.74344	145.49953	166.04483	4.57E-02	8.43E-04	8.88E-04	4.75E-02
407	SCH_	652436.56	4220342.55	652436.56, 4220342.55	162.3436	151.78697	173.35212	4.89E-02	8.80E-04	9.27E-04	5.07E-02
408	SCH_	652456.56	4220342.55	652456.56, 4220342.55	172.50724	160.49169	179.07249	5.20E-02	9.30E-04	9.58E-04	5.39E-02
409	SCH_	652476.56	4220342.55	652476.56, 4220342.55	180.92566	166.64862	182.88143	5.45E-02	9.66E-04	9.78E-04	5.65E-02
410	SCH_	652096.56	4220362.55	652096.56, 4220362.55	97.98881	96.88441	102.3207	2.95E-02	5.62E-04	5.47E-04	3.06E-02
411	SCH_	652116.56	4220362.55	652116.56, 4220362.55	100.54051	97.22206	107.46125	3.03E-02	5.63E-04	5.75E-04	3.14E-02
412	SCH_	652136.56	4220362.55	652136.56, 4220362.55	102.7969	99.90064	112.46499	3.10E-02	5.79E-04	6.02E-04	3.22E-02
413	SCH_	652156.56	4220362.55	652156.56, 4220362.55	104.82157	103.8914	117.19371	3.16E-02	6.02E-04	6.27E-04	3.28E-02
414	SCH_	652176.56	4220362.55	652176.56, 4220362.55	106.53888	107.47822	121.80273	3.21E-02	6.23E-04	6.52E-04	3.34E-02
415	SCH_	652196.56	4220362.55	652196.56, 4220362.55	107.88685	110.47719	126.09609	3.25E-02	6.40E-04	6.75E-04	3.38E-02
416	SCH_	652216.56	4220362.55	652216.56, 4220362.55	108.7177	112.71971	129.9568	3.28E-02	6.53E-04	6.95E-04	3.41E-02
417	SCH_	652236.56	4220362.55	652236.56, 4220362.55	112.48774	114.32444	133.26626	3.39E-02	6.63E-04	7.13E-04	3.53E-02
418	SCH_	652256.56	4220362.55	652256.56, 4220362.55	116.44762	114.83182	136.03476	3.51E-02	6.66E-04	7.28E-04	3.65E-02
419	SCH_	652276.56	4220362.55	652276.56, 4220362.55	119.91326	115.02618	138.01216	3.61E-02	6.67E-04	7.38E-04	3.76E-02
420	SCH_	652296.56	4220362.55	652296.56, 4220362.55	122.84066	119.71683	139.15918	3.70E-02	6.94E-04	7.44E-04	3.85E-02
421	SCH_	652316.56	4220362.55	652316.56, 4220362.55	125.01751	123.47408	139.30936	3.77E-02	7.16E-04	7.45E-04	3.91E-02
422	SCH_	652336.56	4220362.55	652336.56, 4220362.55	127.56903	126.05634	139.51985	3.85E-02	7.31E-04	7.46E-04	3.99E-02
423	SCH_	652356.56	4220362.55	652356.56, 4220362.55	132.11827	129.28855	146.76929	3.98E-02	7.49E-04	7.85E-04	4.14E-02
424	SCH_	652376.56	4220362.55	652376.56, 4220362.55	136.45336	134.06492	153.19426	4.11E-02	7.77E-04	8.20E-04	4.27E-02
425	SCH_	652396.56	4220362.55	652396.56, 4220362.55	145.3135	139.40445	158.48206	4.38E-02	8.08E-04	8.48E-04	4.55E-02
426	SCH_	652416.56	4220362.55	652416.56, 4220362.55	153.81851	147.11461	162.35115	4.64E-02	8.53E-04	8.69E-04	4.81E-02
427	SCH_	652436.56	4220362.55	652436.56, 4220362.55	161.01603	152.82723	164.51075	4.85E-02	8.86E-04	8.80E-04	5.03E-02
428	SCH_	652456.56	4220362.55	652456.56, 4220362.55	166.27756	155.71093	165.86272	5.01E-02	9.02E-04	8.87E-04	5.19E-02
429	SCH_	652476.56	4220362.55	652476.56, 4220362.55	170.73447	158.92183	173.77012	5.15E-02	9.21E-04	9.30E-04	5.33E-02
430	SCH_	652096.56	4220382.55	652096.56, 4220382.55	94.42353	95.02664	107.81178	2.85E-02	5.51E-04	5.77E-04	2.96E-02
431	SCH_	652116.56	4220382.55	652116.56, 4220382.55	95.84771	98.26255	111.55315	2.89E-02	5.69E-04	5.97E-04	3.01E-02
432	SCH_	652136.56	4220382.55	652136.56, 4220382.55	96.93301	101.13949	115.12222	2.92E-02	5.86E-04	6.16E-04	3.04E-02
433	SCH_	652156.56	4220382.55	652156.56, 4220382.55	97.63916	103.33875	118.22412	2.94E-02	5.99E-04	6.32E-04	3.07E-02
434	SCH_	652176.56	4220382.55	652176.56, 4220382.55	100.28923	104.95781	120.87738	3.02E-02	6.08E-04	6.47E-04	3.15E-02
435	SCH_	652196.56	4220382.55	652196.56, 4220382.55	103.68544	105.81254	123.08955	3.13E-02	6.13E-04	6.59E-04	3.25E-02
436	SCH_	652216.56	4220382.55	652216.56, 4220382.55	106.80464	105.76722	124.62786	3.22E-02	6.13E-04	6.67E-04	3.35E-02
437	SCH_	652236.56	4220382.55	652236.56, 4220382.55	109.45557	107.8331	125.45659	3.30E-02	6.25E-04	6.71E-04	3.43E-02
438	SCH_	652256.56	4220382.55	652256.56, 4220382.55	111.63514	111.78596	125.53244	3.36E-02	6.48E-04	6.72E-04	3.50E-02
439	SCH_	652276.56	4220382.55	652276.56, 4220382.55	113.04763	114.78804	125.51894	3.41E-02	6.65E-04	6.72E-04	3.54E-02
440	SCH_	652296.56	4220382.55	652296.56, 4220382.55	116.18276	116.84907	130.95357	3.50E-02	6.77E-04	7.01E-04	3.64E-02
441	SCH_	652316.56	4220382.55	652316.56, 4220382.55	119.83015	119.98227	136.62272	3.61E-02	6.95E-04	7.31E-04	3.75E-02
442	SCH_	652336.56	4220382.55	652336.56, 4220382.55	123.64521	124.10791	141.52308	3.73E-02	7.19E-04	7.57E-04	3.87E-02
443	SCH_	652356.56	4220382.55	652356.56, 4220382.55	131.15321	128.68268	145.24965	3.95E-02	7.46E-04	7.77E-04	4.11E-02
444	SCH_	652376.56	4220382.55	652376.56, 4220382.55	138.38319	135.56134	147.6962	4.17E-02	7.86E-04	7.90E-04	4.33E-02
445	SCH_	652396.56	4220382.55	652396.56, 4220382.55	144.58958	140.77794	148.60431	4.36E-02	8.16E-04	7.95E-04	4.52E-02
446	SCH_	652416.56	4220382.55	652416.56, 4220382.55	149.20498	143.7351	152.214	4.50E-02	8.33E-04	8.14E-04	4.66E-02
447	SCH_	652436.56	4220382.55	652436.56, 4220382.55	152.44325	145.50234	158.49086	4.60E-02	8.43E-04	8.48E-04	4.76E-02
448	SCH_	652456.56	4220382.55	652456.56, 4220382.55	164.40085	150.33392	162.79596	4.96E-02	8.71E-04	8.71E-04	5.13E-02
449	SCH_	652476.56	4220382.55	652476.56, 4220382.55	186.67493	154.09872	168.22209	5.63E-02	8.93E-04	9.00E-04	5.81E-02
450	SCH_	652096.56	4220402.55	652096.56, 4220402.55	88.3764	95.1715	108.19318	2.66E-02	5.52E-04	5.79E-04	2.78E-02
451	SCH_	652116.56	4220402.55	652116.56, 4220402.55	90.17028	96.80435	110.33686	2.72E-02	5.61E-04	5.90E-04	2.83E-02
452	SCH_	652136.56	4220402.55	652136.56, 4220402.55	93.11304	97.95691	112.10939	2.81E-02	5.68E-04	6.00E-04	2.92E-02
453	SCH_	652156.56	4220402.55	652156.56, 4220402.55	95.89105	98.30044	113.32278	2.89E-02	5.70E-04	6.06E-04	3.01E-02
454	SCH_	652176.56	4220402.55	652176.56, 4220402.55	98.30328	97.94914	113.92918	2.96E-02	5.68E-04	6.10E-04	3.08E-02
455	SCH_	652196.56	4220402.55	652196.56, 4220402.55	100.32995	101.25068	113.87954	3.02E-02	5.87E-04	6.09E-04	3.14E-02
456	SCH_	652216.56	4220402.55	652216.56, 4220402.55	101.91136	104.60571	113.74539	3.07E-02	6.06E-04	6.09E-04	3.19E-02
457	SCH_	652236.56	4220402.55	652236.56, 4220402.55	102.89043	107.05717	117.75938	3.10E-02	6.20E-04	6.30E-04	3.23E-02
458	SCH_	652256.56	4220402.55	652256.56, 4220402.55	106.41704	108.81811	122.78326	3.21E-02	6.31E-04	6.57E-04	3.34E-02
459	SCH_	652276.56	4220402.55	652276.56, 4220402.55	109.37546	111.80689	127.20453	3.30E-02	6.48E-04	6.81E-04	3.43E-02
460	SCH_	652296.56	4220402.55	652296.56, 4220402.55	112.76251	115.37663	130.74103	3.40E-02	6.69E-04	6.99E-04	3.54E-02
461	SCH_	652316.56	4220402.55	652316.56, 4220402.55	119.20861	119.28766	133.3158	3.59E-02	6.91E-04	7.13E-04	3.73E-02
462	SCH_	652336.56	4220402.55	652336.56, 4220402.55	125.43988	125.4827	134.70797	3.78E-02	7.27E-04	7.21E-04	3.93E-02
463	SCH_	652356.56	4220402.55	652356.56, 4220402.55	130.849	130.26995	134.66923	3.94E-02	7.55E-04	7.20E-04	4.09E-02
464	SCH_	652376.56	4220402.55	652376.56, 4220402.55	134.93588	133.15152	140.29984	4.07E-02	7.72E-04	7.51E-04	4.22E-02
465	SCH_	652396.56	4220402.55	652396.56, 4220402.55	137.5968	133.77029	145.24514	4.15E-02	7.75E-04	7.77E-04	4.30E-02
466	SCH_	652416.56	4220402.55	652416.56, 4220402.55	141.8505	138.71666	148.5068	4.28E-02	8.04E-04	7.94E-04	4.44E-02
467	SCH_	652436.56	4220402.55	652436.56, 4220402.55	160.45996	141.60712	153.65489	4.84E-02	8.21E-04	8.22E-04	5.00E-02
468	SCH_	652456.56	4220402.55	652456.56, 4220402.55	179.75471	145.03929	159.35113	5.42E-02	8.41E-04	8.53E-04	5.59E-02
469	SCH_	652476.56	4220402.55	652476.56, 4220402.55	198.20618	150.26417	169.70339	5.97E-02	8.71E-04	9.08E-04	6.15E-02
470	SCH_	652096.56	4220422.55	652096.56, 4220422.55	86.67268	91.35889	103.67405	2.61E-02	5.29E-04	5.55E-04	2.72E-02
471	SCH_	652116.56	4220422.55	652116.56, 4220422.55	88.91642	91.34505	104.08694	2.68E-02	5.29E-04	5.57E-04	2.79E-02
472	SCH_	652136.56	4220422.55	652136.56, 4220422.55	90.79513	92.13494	103.94629	2.74E-02	5.34E-04	5.56E-04	2.85E-02
473	SCH_	652156.56	4220422.55	652156.56, 4220422.55	92.31485	95.33389	103.77628	2.78E-02	5.53E-04	5.55E-04	2.89E-02
474	SCH_	652176.56	4220422.55	652176.56, 4220422.55	93.40122	98.13808	106.59886	2.82E-02	5.69E-04	5.70E-04	2.93E-02
475	SCH_	652196.56	4220422.55	652196.56, 4220422.55	95.00352	100.11276	111.10255	2.86E-02	5.80E-04	5.94E-04	2.98E-02
476	SCH_	652216.56	4220422.55	652216.56, 4220422.55	97.95245	101.79273	115.14055	2.95E-02	5.90E-04	6.16E-04	3.07E-02
477	SCH_	652236.56	4220422.55	652236.56, 4220422.55	100.39552	104.53268	118.51489	3.03E-02	6.06E-04	6.34E-04	3.15E-02

478	SCH_	652256.56	4220422.55	652256.56, 4220422.55	103.43801	107.666	121.10349	3.12E-02	6.24E-04	6.48E-04	3.25E-02
479	SCH_	652276.56	4220422.55	652276.56, 4220422.55	109.02263	111.00555	122.76803	3.29E-02	6.43E-04	6.57E-04	3.42E-02
480	SCH_	652296.56	4220422.55	652296.56, 4220422.55	114.4452	116.61126	123.36748	3.45E-02	6.76E-04	6.60E-04	3.58E-02
481	SCH_	652316.56	4220422.55	652316.56, 4220422.55	119.19945	121.07117	124.75833	3.59E-02	7.02E-04	6.67E-04	3.73E-02
482	SCH_	652336.56	4220422.55	652336.56, 4220422.55	122.86255	123.75312	129.81102	3.70E-02	7.17E-04	6.94E-04	3.84E-02
483	SCH_	652356.56	4220422.55	652356.56, 4220422.55	125.37238	124.67932	133.72899	3.78E-02	7.23E-04	7.15E-04	3.92E-02
484	SCH_	652376.56	4220422.55	652376.56, 4220422.55	128.63665	128.25518	136.49225	3.88E-02	7.43E-04	7.30E-04	4.02E-02
485	SCH_	652396.56	4220422.55	652396.56, 4220422.55	139.16274	131.11068	141.15177	4.19E-02	7.60E-04	7.55E-04	4.35E-02
486	SCH_	652416.56	4220422.55	652416.56, 4220422.55	156.00248	134.27607	145.94865	4.70E-02	7.78E-04	7.81E-04	4.86E-02
487	SCH_	652436.56	4220422.55	652436.56, 4220422.55	172.60198	137.34044	154.91557	5.20E-02	7.96E-04	8.29E-04	5.37E-02
488	SCH_	652456.56	4220422.55	652456.56, 4220422.55	188.05439	147.9661	162.45148	5.67E-02	8.58E-04	8.69E-04	5.84E-02
489	SCH_	652476.56	4220422.55	652476.56, 4220422.55	201.19969	168.39107	167.23569	6.06E-02	9.76E-04	8.95E-04	6.25E-02
490	SCH_	652096.56	4220442.55	652096.56, 4220442.55	84.11073	87.06806	95.25836	2.54E-02	5.05E-04	5.10E-04	2.64E-02
491	SCH_	652116.56	4220442.55	652116.56, 4220442.55	85.27128	89.94432	97.05978	2.57E-02	5.21E-04	5.19E-04	2.67E-02
492	SCH_	652136.56	4220442.55	652136.56, 4220442.55	85.95525	92.28834	101.12361	2.59E-02	5.35E-04	5.41E-04	2.70E-02
493	SCH_	652156.56	4220442.55	652156.56, 4220442.55	88.09022	93.88002	104.77842	2.66E-02	5.44E-04	5.61E-04	2.77E-02
494	SCH_	652176.56	4220442.55	652176.56, 4220442.55	90.56723	95.51094	107.93795	2.73E-02	5.54E-04	5.77E-04	2.84E-02
495	SCH_	652196.56	4220442.55	652196.56, 4220442.55	92.57493	97.99092	110.45808	2.79E-02	5.68E-04	5.91E-04	2.91E-02
496	SCH_	652216.56	4220442.55	652216.56, 4220442.55	95.37798	100.78367	112.26507	2.87E-02	5.84E-04	6.01E-04	2.99E-02
497	SCH_	652236.56	4220442.55	652236.56, 4220442.55	100.25088	103.65976	113.2303	3.02E-02	6.01E-04	6.06E-04	3.14E-02
498	SCH_	652256.56	4220442.55	652256.56, 4220442.55	105.01214	108.75949	113.16594	3.17E-02	6.30E-04	6.05E-04	3.29E-02
499	SCH_	652276.56	4220442.55	652276.56, 4220442.55	109.20882	112.89418	116.37275	3.29E-02	6.54E-04	6.23E-04	3.42E-02
500	SCH_	652296.56	4220442.55	652296.56, 4220442.55	112.50869	115.48859	120.544	3.39E-02	6.69E-04	6.45E-04	3.52E-02
501	SCH_	652316.56	4220442.55	652316.56, 4220442.55	114.85242	116.50069	123.64632	3.46E-02	6.75E-04	6.61E-04	3.60E-02
502	SCH_	652336.56	4220442.55	652336.56, 4220442.55	117.32697	119.0434	126.19434	3.54E-02	6.90E-04	6.75E-04	3.67E-02
503	SCH_	652356.56	4220442.55	652356.56, 4220442.55	121.47334	122.02687	130.30872	3.66E-02	7.07E-04	6.97E-04	3.80E-02
504	SCH_	652376.56	4220442.55	652376.56, 4220442.55	136.1771	124.58751	134.37559	4.10E-02	7.22E-04	7.19E-04	4.25E-02
505	SCH_	652396.56	4220442.55	652396.56, 4220442.55	151.17351	126.73369	142.1906	4.56E-02	7.35E-04	7.61E-04	4.71E-02
506	SCH_	652416.56	4220442.55	652416.56, 4220442.55	165.3966	131.6275	148.93108	4.99E-02	7.63E-04	7.97E-04	5.14E-02
507	SCH_	652436.56	4220442.55	652436.56, 4220442.55	178.24466	147.39273	153.37548	5.37E-02	8.54E-04	8.21E-04	5.54E-02
508	SCH_	652456.56	4220442.55	652456.56, 4220442.55	188.79829	165.23032	155.06929	5.69E-02	9.58E-04	8.30E-04	5.87E-02
509	SCH_	652476.56	4220442.55	652476.56, 4220442.55	196.25	180.93603	160.45589	5.92E-02	1.05E-03	8.58E-04	6.11E-02
510	SCH_	652096.56	4220462.55	652096.56, 4220462.55	79.64643	86.91608	95.8858	2.40E-02	5.04E-04	5.13E-04	2.50E-02
511	SCH_	652116.56	4220462.55	652116.56, 4220462.55	81.98658	88.22454	98.86632	2.47E-02	5.11E-04	5.29E-04	2.58E-02
512	SCH_	652136.56	4220462.55	652136.56, 4220462.55	84.06832	89.86543	101.26755	2.53E-02	5.21E-04	5.42E-04	2.64E-02
513	SCH_	652156.56	4220462.55	652156.56, 4220462.55	85.74125	92.12661	103.11423	2.58E-02	5.34E-04	5.52E-04	2.69E-02
514	SCH_	652176.56	4220462.55	652176.56, 4220462.55	88.34761	94.6185	104.27376	2.66E-02	5.48E-04	5.58E-04	2.77E-02
515	SCH_	652196.56	4220462.55	652196.56, 4220462.55	92.62695	97.09763	104.6661	2.79E-02	5.63E-04	5.60E-04	2.90E-02
516	SCH_	652216.56	4220462.55	652216.56, 4220462.55	96.8404	101.76288	104.77937	2.92E-02	5.90E-04	5.61E-04	3.03E-02
517	SCH_	652236.56	4220462.55	652236.56, 4220462.55	100.57511	105.57149	108.82151	3.03E-02	6.12E-04	5.82E-04	3.15E-02
518	SCH_	652256.56	4220462.55	652256.56, 4220462.55	103.56796	108.10102	112.25813	3.12E-02	6.27E-04	6.01E-04	3.24E-02
519	SCH_	652276.56	4220462.55	652276.56, 4220462.55	105.72577	109.27288	114.74663	3.19E-02	6.33E-04	6.14E-04	3.31E-02
520	SCH_	652296.56	4220462.55	652296.56, 4220462.55	107.54441	110.70825	117.11369	3.24E-02	6.42E-04	6.27E-04	3.37E-02
521	SCH_	652316.56	4220462.55	652316.56, 4220462.55	110.41335	113.90232	120.83035	3.33E-02	6.60E-04	6.46E-04	3.46E-02
522	SCH_	652336.56	4220462.55	652336.56, 4220462.55	119.74185	115.93122	124.30985	3.61E-02	6.72E-04	6.65E-04	3.74E-02
523	SCH_	652356.56	4220462.55	652356.56, 4220462.55	132.99823	118.30282	131.13972	4.01E-02	6.86E-04	7.02E-04	4.15E-02
524	SCH_	652376.56	4220462.55	652376.56, 4220462.55	146.10007	121.39379	137.23364	4.40E-02	7.04E-04	7.34E-04	4.55E-02
525	SCH_	652396.56	4220462.55	652396.56, 4220462.55	158.24223	129.16584	141.40688	4.77E-02	7.49E-04	7.57E-04	4.92E-02
526	SCH_	652416.56	4220462.55	652416.56, 4220462.55	168.90001	145.90975	143.19096	5.09E-02	8.46E-04	7.66E-04	5.25E-02
527	SCH_	652436.56	4220462.55	652436.56, 4220462.55	177.29197	161.5474	147.03736	5.34E-02	9.36E-04	7.87E-04	5.52E-02
528	SCH_	652456.56	4220462.55	652456.56, 4220462.55	182.72967	174.70779	150.6635	5.51E-02	1.01E-03	8.06E-04	5.69E-02
529	SCH_	652476.56	4220462.55	652476.56, 4220462.55	184.57784	184.59494	154.56426	5.56E-02	1.07E-03	8.27E-04	5.75E-02
530	SCH_	652096.56	4220482.55	652096.56, 4220482.55	78.32272	84.72635	95.04763	2.36E-02	4.91E-04	5.08E-04	2.46E-02
531	SCH_	652116.56	4220482.55	652116.56, 4220482.55	79.72083	86.86081	96.36587	2.40E-02	5.03E-04	5.16E-04	2.50E-02
532	SCH_	652136.56	4220482.55	652136.56, 4220482.55	82.17009	89.07443	97.03878	2.48E-02	5.16E-04	5.19E-04	2.58E-02
533	SCH_	652156.56	4220482.55	652156.56, 4220482.55	85.94633	91.22544	96.95198	2.59E-02	5.29E-04	5.19E-04	2.70E-02
534	SCH_	652176.56	4220482.55	652176.56, 4220482.55	89.7069	95.50212	98.54021	2.70E-02	5.53E-04	5.27E-04	2.81E-02
535	SCH_	652196.56	4220482.55	652196.56, 4220482.55	93.05141	99.00563	102.06158	2.80E-02	5.74E-04	5.46E-04	2.92E-02
536	SCH_	652216.56	4220482.55	652216.56, 4220482.55	95.77597	101.42021	104.86303	2.89E-02	5.88E-04	5.61E-04	3.00E-02
537	SCH_	652236.56	4220482.55	652236.56, 4220482.55	97.77496	102.72287	106.84553	2.95E-02	5.95E-04	5.72E-04	3.06E-02
538	SCH_	652256.56	4220482.55	652256.56, 4220482.55	98.9889	103.27553	109.10055	2.98E-02	5.99E-04	5.84E-04	3.10E-02
539	SCH_	652276.56	4220482.55	652276.56, 4220482.55	101.77826	106.50677	112.48367	3.07E-02	6.17E-04	6.02E-04	3.19E-02
540	SCH_	652296.56	4220482.55	652296.56, 4220482.55	105.88426	108.26782	115.48333	3.19E-02	6.27E-04	6.18E-04	3.32E-02
541	SCH_	652316.56	4220482.55	652316.56, 4220482.55	117.61793	110.73902	121.4852	3.55E-02	6.42E-04	6.50E-04	3.67E-02
542	SCH_	652336.56	4220482.55	652336.56, 4220482.55	129.51184	112.11661	126.9875	3.90E-02	6.50E-04	6.79E-04	4.04E-02
543	SCH_	652356.56	4220482.55	652356.56, 4220482.55	140.85806	116.71014	130.95124	4.25E-02	6.76E-04	7.01E-04	4.38E-02
544	SCH_	652376.56	4220482.55	652376.56, 4220482.55	151.19937	128.79023	132.74141	4.56E-02	7.46E-04	7.10E-04	4.70E-02
545	SCH_	652396.56	4220482.55	652396.56, 4220482.55	159.93672	143.89596	135.32718	4.82E-02	8.34E-04	7.24E-04	4.98E-02
546	SCH_	652416.56	4220482.55	652416.56, 4220482.55	166.60686	157.28478	139.20292	5.02E-02	9.12E-04	7.45E-04	5.19E-02
547	SCH_	652436.56	4220482.55	652436.56, 4220482.55	170.49555	168.32305	142.40026	5.14E-02	9.76E-04	7.62E-04	5.31E-02
548	SCH_	652456.56	4220482.55	652456.56, 4220482.55	171.02895	175.80552	145.15075	5.16E-02	1.02E-03	7.77E-04	5.33E-02
549	SCH_	652476.56	4220482.55	652476.56, 4220482.55	170.24097	178.93296	154.89665	5.13E-02	1.04E-03	8.29E-04	5.32E-02
550	SCH_	652216.56	4220502.55	652216.56, 4220502.55	92.00057	96.78857	101.98214	2.77E-02	5.61E-04	5.46E-04	2.88E-02
551	SCH_	652236.56	4220502.55	652236.56, 4220502.55	94.18881	99.89008	105.08115	2.84E-02	5.79E-04	5.62E-04	2.95E-02
552	SCH_	652256.56	4220502.55	652256.56, 4220502.55	96.0782	101.77319	107.68689	2.90E-02	5.90E-04	5.76E-04	3.01E-02
553	SCH_	652276.56	4220502.55	652276.56, 4220502.55	104.53751	103.70434	112.98691	3.15E-02	6.01E-04	6.04E-04	3.27E-02
554	SCH_	652296.56	4220502.55	652296.56, 4220502.55	115.18454	105.2912	117.98655	3.47E-02	6.10E-04	6.31E-04	3.60E-02
555	SCH_	652316.56	4220502.55	652316.56, 4220502.55	125.78276	108.34681	121.67077	3.79E-02	6.28E-04	6.51E-04	3.92E-02
556	SCH_	652336.56	4220502.55	652336.56, 4220502.55	135.6176	113.89846	123.58016	4.09E-02	6.60E-04	6.61E-04	4.22E-02
557	SCH_	652356.56	4220502.55	652356.56, 4220502.55	144.38707	127.97143	124.95228	4.35E-02	7.42E-04	6.68E-04	4.49E-02
558	SCH_	652376.56	4220502.55	652376.56, 4220502.55	151.54289	141.25755	129.0462	4.57E-02	8.19E-04	6.90E-04	4.72E-02
559	SCH_	652396.56	4220502.55	652396.56, 4220502.55	156.6691	152.74451	131.50538	4.72E-02	8.85E-04	7.04E-04	4.88E-02
560	SCH_	652416.56	4220502.55	652416.56, 4220502.55	159.29481	161.75579	134.2798	4.80E-02	9.37E-04	7.18E-04	4.97E-02
561	SCH_	652436.56	4220502.55	652436.56, 4220502.55	158.97589	167.3735	138.99784	4.79E-02	9.70E-04	7.44E-04	4.96E-02
562	SCH_	652456.56	4220502.55	652456.56, 4220502.55	158.11816	168.9009	154.5977	4.77E-02	9.79E-04	8.27E-04	4.95E-02
563	SCH_	652476.56	4220502.55	652476.56, 4220502.55	153.64299	168.57712	174.32393	4.63E-02	9.77E-04	9.33E-04	4.82E-02
564	SCH_	652396.56	4220522.55	652396.56, 4220522.55	149.07844	155.27037	127.61885	4.49E-02	9.00E-04	6.83E-04	4.65E-02
565	SCH_	652416.56	4220522.55	652416.56, 4220522.55	148.69368	159.16264	134.5351	4.48E-02	9.22E-04	7.20E-04	4.65E-02
566	SCH_	652436.56	4220522.55	652436.56, 4220522.55	147.2024	159.24393	153.01776	4.44E-02	9.23E-04	8.19E-04	4.61E-02
567	SCH_	652456.56	4220522.55	652456.56, 4220522.55	142.53167	159.2197	170.4112	4.30E-02	9.23E-04	9.12E-04	4.48E-02
568	SCH_	652476.56	4220522.55	652476.56, 4220522.55	136.16308	155.3521	185.32964	4.10E-02	9.00E-04	9.91E-04	4.29E-02

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Air District
Region: San Joaquin Valley Unified APCD
Calendar Year: 2026, 2028, 2030, 2035, 2042
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Total VMT	PM10_RUNEX
San Joaquin	2026	HHDT	Aggregate	5	Gasoline	20.19926569	0.010667618
San Joaquin	2026	HHDT	Aggregate	5	Diesel	3735.114621	0.109107264
San Joaquin	2026	HHDT	Aggregate	5	Electricity	74.55819684	0
San Joaquin	2026	HHDT	Aggregate	5	Natural Gas	324.3791013	0.008549015
San Joaquin	2026	HHDT	Aggregate	10	Gasoline	29.12187604	0.006924854
San Joaquin	2026	HHDT	Aggregate	10	Diesel	72517.46605	0.016943325
San Joaquin	2026	HHDT	Aggregate	10	Electricity	786.4087918	0
San Joaquin	2026	HHDT	Aggregate	10	Natural Gas	3011.024306	0.006375921
San Joaquin	2026	HHDT	Aggregate	15	Gasoline	14.218901	0.004739737
San Joaquin	2026	HHDT	Aggregate	15	Diesel	169696.0044	0.009164842
San Joaquin	2026	HHDT	Aggregate	15	Electricity	1671.95605	0
San Joaquin	2026	HHDT	Aggregate	15	Natural Gas	5459.078342	0.00522433
San Joaquin	2026	HHDT	Aggregate	20	Gasoline	15.06504406	0.003419046
San Joaquin	2026	HHDT	Aggregate	20	Diesel	300489.8406	0.006431963
San Joaquin	2026	HHDT	Aggregate	20	Electricity	3784.12819	0
San Joaquin	2026	HHDT	Aggregate	20	Natural Gas	5727.742939	0.004361987
San Joaquin	2026	HHDT	Aggregate	25	Gasoline	18.42242583	0.002598319
San Joaquin	2026	HHDT	Aggregate	25	Diesel	204225.2715	0.006716006
San Joaquin	2026	HHDT	Aggregate	25	Electricity	1998.261746	0
San Joaquin	2026	HHDT	Aggregate	25	Natural Gas	5370.443454	0.003737235
San Joaquin	2026	HHDT	Aggregate	30	Gasoline	23.69384088	0.0020793
San Joaquin	2026	HHDT	Aggregate	30	Diesel	221177.9457	0.007294047
San Joaquin	2026	HHDT	Aggregate	30	Electricity	2254.886123	0
San Joaquin	2026	HHDT	Aggregate	30	Natural Gas	6242.881698	0.003219508
San Joaquin	2026	HHDT	Aggregate	35	Gasoline	28.85641854	0.001751585
San Joaquin	2026	HHDT	Aggregate	35	Diesel	251674.7774	0.008330017
San Joaquin	2026	HHDT	Aggregate	35	Electricity	2579.646635	0
San Joaquin	2026	HHDT	Aggregate	35	Natural Gas	6911.498248	0.002839649
San Joaquin	2026	HHDT	Aggregate	40	Gasoline	29.58354177	0.001552636
San Joaquin	2026	HHDT	Aggregate	40	Diesel	307493.9567	0.010150169
San Joaquin	2026	HHDT	Aggregate	40	Electricity	3077.546113	0
San Joaquin	2026	HHDT	Aggregate	40	Natural Gas	7319.230209	0.002624279
San Joaquin	2026	HHDT	Aggregate	45	Gasoline	29.95429232	0.001447808
San Joaquin	2026	HHDT	Aggregate	45	Diesel	338188.9717	0.013066441
San Joaquin	2026	HHDT	Aggregate	45	Electricity	3358.888734	0
San Joaquin	2026	HHDT	Aggregate	45	Natural Gas	7499.986806	0.002536809
San Joaquin	2026	HHDT	Aggregate	50	Gasoline	32.7174705	0.001419869
San Joaquin	2026	HHDT	Aggregate	50	Diesel	402573.8181	0.016703451
San Joaquin	2026	HHDT	Aggregate	50	Electricity	3901.764584	0
San Joaquin	2026	HHDT	Aggregate	50	Natural Gas	7544.357849	0.002630926
San Joaquin	2026	HHDT	Aggregate	55	Gasoline	54.5496775	0.001464193
San Joaquin	2026	HHDT	Aggregate	55	Diesel	653687.5809	0.021498697
San Joaquin	2026	HHDT	Aggregate	55	Electricity	6189.204703	0
San Joaquin	2026	HHDT	Aggregate	55	Natural Gas	9273.293285	0.002537367
San Joaquin	2026	HHDT	Aggregate	60	Gasoline	117.1239147	0.001587324
San Joaquin	2026	HHDT	Aggregate	60	Diesel	1743444.998	0.027756201
San Joaquin	2026	HHDT	Aggregate	60	Electricity	15609.23628	0
San Joaquin	2026	HHDT	Aggregate	60	Natural Gas	14492.22689	0.002102558
San Joaquin	2026	HHDT	Aggregate	65	Gasoline	111.925192	0.00180886
San Joaquin	2026	HHDT	Aggregate	65	Diesel	2929223.749	0.034992051
San Joaquin	2026	HHDT	Aggregate	65	Electricity	26046.35529	0
San Joaquin	2026	HHDT	Aggregate	65	Natural Gas	19004.79182	0.002067778
San Joaquin	2026	HHDT	Aggregate	70	Gasoline	7.120153374	0.001967384
San Joaquin	2026	HHDT	Aggregate	70	Diesel	3232251.828	0.035970433
San Joaquin	2026	HHDT	Aggregate	70	Electricity	26601.67357	0
San Joaquin	2026	HHDT	Aggregate	70	Natural Gas	7844.563617	0.00189105
San Joaquin	2026	HHDT	Aggregate	75	Gasoline	2.377825468	0.001967384
San Joaquin	2026	HHDT	Aggregate	75	Diesel	565233.5892	0.035861477
San Joaquin	2026	HHDT	Aggregate	75	Electricity	4732.329383	0
San Joaquin	2026	HHDT	Aggregate	75	Natural Gas	1391.869691	0.001445753
San Joaquin	2026	HHDT	Aggregate	80	Diesel	36763.4652	0.031915493
San Joaquin	2026	HHDT	Aggregate	80	Electricity	448.2686116	0
San Joaquin	2026	HHDT	Aggregate	80	Natural Gas	481.9152715	0.001380922
San Joaquin	2026	HHDT	Aggregate	85	Diesel	3625.55427	0.032815867
San Joaquin	2026	HHDT	Aggregate	85	Electricity	41.65031749	0
San Joaquin	2026	HHDT	Aggregate	85	Natural Gas	38.03315483	0.001393049
San Joaquin	2026	HHDT	Aggregate	90	Diesel	3.135540101	0.036626289
San Joaquin	2026	HHDT	Aggregate	90	Electricity	0.024556194	0
San Joaquin	2026	LHDT2	Aggregate	5	Gasoline	8898.20667	0.003384905
San Joaquin	2026	LHDT2	Aggregate	5	Diesel	14184.37134	0.091423265
San Joaquin	2026	LHDT2	Aggregate	5	Electricity	252.6487966	0
San Joaquin	2026	LHDT2	Aggregate	10	Gasoline	23252.20774	0.002434998
San Joaquin	2026	LHDT2	Aggregate	10	Diesel	45637.25306	0.075716633
San Joaquin	2026	LHDT2	Aggregate	10	Electricity	753.1397203	0
San Joaquin	2026	LHDT2	Aggregate	15	Gasoline	53000.70528	0.001833476
San Joaquin	2026	LHDT2	Aggregate	15	Diesel	97816.16672	0.062949783
San Joaquin	2026	LHDT2	Aggregate	15	Electricity	1649.216065	0
San Joaquin	2026	LHDT2	Aggregate	20	Gasoline	61133.81055	0.001433925
San Joaquin	2026	LHDT2	Aggregate	20	Diesel	109552.3911	0.052383426
San Joaquin	2026	LHDT2	Aggregate	20	Electricity	1866.961229	0
San Joaquin	2026	LHDT2	Aggregate	25	Gasoline	47116.95405	0.001159732
San Joaquin	2026	LHDT2	Aggregate	25	Diesel	115838.1912	0.043600813

San Joaquii	2026	LHDT2	Aggregate	25	Electricity	1779.679647	0
San Joaquii	2026	LHDT2	Aggregate	30	Gasoline	41602.22016	0.00097098
San Joaquii	2026	LHDT2	Aggregate	30	Diesel	99215.43751	0.03636126
San Joaquii	2026	LHDT2	Aggregate	30	Electricity	1538.239245	0
San Joaquii	2026	LHDT2	Aggregate	35	Gasoline	15596.61924	0.000844671
San Joaquii	2026	LHDT2	Aggregate	35	Diesel	50828.9063	0.030523782
San Joaquii	2026	LHDT2	Aggregate	35	Electricity	724.54741	0
San Joaquii	2026	LHDT2	Aggregate	40	Gasoline	4676.817968	0.000767874
San Joaquii	2026	LHDT2	Aggregate	40	Diesel	26362.28821	0.026006097
San Joaquii	2026	LHDT2	Aggregate	40	Electricity	337.81961	0
San Joaquii	2026	LHDT2	Aggregate	45	Gasoline	5717.488015	0.000736231
San Joaquii	2026	LHDT2	Aggregate	45	Diesel	29065.3639	0.022762695
San Joaquii	2026	LHDT2	Aggregate	45	Electricity	378.7357734	0
San Joaquii	2026	LHDT2	Aggregate	50	Gasoline	41995.12253	0.000744267
San Joaquii	2026	LHDT2	Aggregate	50	Diesel	113210.2461	0.020773461
San Joaquii	2026	LHDT2	Aggregate	50	Electricity	1693.954452	0
San Joaquii	2026	LHDT2	Aggregate	55	Gasoline	11695.64182	0.000789608
San Joaquii	2026	LHDT2	Aggregate	55	Diesel	66125.15694	0.020038811
San Joaquii	2026	LHDT2	Aggregate	55	Electricity	846.9657153	0
San Joaquii	2026	MHDT	Aggregate	5	Gasoline	6068.28019	0.007366536
San Joaquii	2026	MHDT	Aggregate	5	Diesel	3997.795042	0.053471633
San Joaquii	2026	MHDT	Aggregate	5	Electricity	215.3060497	0
San Joaquii	2026	MHDT	Aggregate	5	Natural Gas	407.7351719	0.004528766
San Joaquii	2026	MHDT	Aggregate	10	Gasoline	10762.58717	0.004645499
San Joaquii	2026	MHDT	Aggregate	10	Diesel	42967.52116	0.028769523
San Joaquii	2026	MHDT	Aggregate	10	Electricity	970.7944971	0
San Joaquii	2026	MHDT	Aggregate	10	Natural Gas	981.6128041	0.004219933
San Joaquii	2026	MHDT	Aggregate	15	Gasoline	8077.986164	0.003090526
San Joaquii	2026	MHDT	Aggregate	15	Diesel	74733.00364	0.017721502
San Joaquii	2026	MHDT	Aggregate	15	Electricity	1417.026852	0
San Joaquii	2026	MHDT	Aggregate	15	Natural Gas	1013.649066	0.003510133
San Joaquii	2026	MHDT	Aggregate	20	Gasoline	8457.614494	0.002169056
San Joaquii	2026	MHDT	Aggregate	20	Diesel	98460.40932	0.011242004
San Joaquii	2026	MHDT	Aggregate	20	Electricity	1795.095863	0
San Joaquii	2026	MHDT	Aggregate	20	Natural Gas	1000.997278	0.002861664
San Joaquii	2026	MHDT	Aggregate	25	Gasoline	10018.42255	0.001605899
San Joaquii	2026	MHDT	Aggregate	25	Diesel	134751.9354	0.008806446
San Joaquii	2026	MHDT	Aggregate	25	Electricity	2429.549951	0
San Joaquii	2026	MHDT	Aggregate	25	Natural Gas	1404.036575	0.002252381
San Joaquii	2026	MHDT	Aggregate	30	Gasoline	11920.51371	0.001254201
San Joaquii	2026	MHDT	Aggregate	30	Diesel	188898.9224	0.007453244
San Joaquii	2026	MHDT	Aggregate	30	Electricity	3365.955501	0
San Joaquii	2026	MHDT	Aggregate	30	Natural Gas	1977.325263	0.001752311
San Joaquii	2026	MHDT	Aggregate	35	Gasoline	13187.35477	0.001033241
San Joaquii	2026	MHDT	Aggregate	35	Diesel	235065.5992	0.006713769
San Joaquii	2026	MHDT	Aggregate	35	Electricity	4159.582386	0
San Joaquii	2026	MHDT	Aggregate	35	Natural Gas	2504.731697	0.001356234
San Joaquii	2026	MHDT	Aggregate	40	Gasoline	13943.15509	0.000897778
San Joaquii	2026	MHDT	Aggregate	40	Diesel	189021.3671	0.006739493
San Joaquii	2026	MHDT	Aggregate	40	Electricity	3442.34872	0
San Joaquii	2026	MHDT	Aggregate	40	Natural Gas	2381.056683	0.001054309
San Joaquii	2026	MHDT	Aggregate	45	Gasoline	13074.23844	0.000822845
San Joaquii	2026	MHDT	Aggregate	45	Diesel	107788.4366	0.007408951
San Joaquii	2026	MHDT	Aggregate	45	Electricity	2102.799313	0
San Joaquii	2026	MHDT	Aggregate	45	Natural Gas	1798.195848	0.000859956
San Joaquii	2026	MHDT	Aggregate	50	Gasoline	14064.27124	0.000795362
San Joaquii	2026	MHDT	Aggregate	50	Diesel	70183.20854	0.008338254
San Joaquii	2026	MHDT	Aggregate	50	Electricity	1487.381126	0
San Joaquii	2026	MHDT	Aggregate	50	Natural Gas	1236.223019	0.000782496
San Joaquii	2026	MHDT	Aggregate	55	Gasoline	23150.61088	0.00081078
San Joaquii	2026	MHDT	Aggregate	55	Diesel	84909.0734	0.009775091
San Joaquii	2026	MHDT	Aggregate	55	Electricity	1926.303703	0
San Joaquii	2026	MHDT	Aggregate	55	Natural Gas	1453.892099	0.000811357
San Joaquii	2026	MHDT	Aggregate	60	Gasoline	44326.43455	0.000871788
San Joaquii	2026	MHDT	Aggregate	60	Diesel	138927.3823	0.010869298
San Joaquii	2026	MHDT	Aggregate	60	Electricity	3153.459903	0
San Joaquii	2026	MHDT	Aggregate	60	Natural Gas	1824.547129	0.000818359
San Joaquii	2026	MHDT	Aggregate	65	Gasoline	43758.59952	0.000988552
San Joaquii	2026	MHDT	Aggregate	65	Diesel	187913.5254	0.011867179
San Joaquii	2026	MHDT	Aggregate	65	Electricity	3767.298896	0
San Joaquii	2026	MHDT	Aggregate	65	Natural Gas	1330.051925	0.000847466
San Joaquii	2026	MHDT	Aggregate	70	Gasoline	1956.781567	0.001073864
San Joaquii	2026	MHDT	Aggregate	70	Diesel	172886.2803	0.011011724
San Joaquii	2026	MHDT	Aggregate	70	Electricity	2584.3761	0
San Joaquii	2026	MHDT	Aggregate	70	Natural Gas	832.2660662	0.000860276
San Joaquii	2026	MHDT	Aggregate	75	Gasoline	580.5967854	0.001073864
San Joaquii	2026	MHDT	Aggregate	75	Diesel	23851.8393	0.010424141
San Joaquii	2026	MHDT	Aggregate	75	Electricity	353.8523807	0
San Joaquii	2026	MHDT	Aggregate	75	Natural Gas	118.2482939	0.000841134
San Joaquii	2026	MHDT	Aggregate	80	Diesel	871.0877326	0.009790134
San Joaquii	2026	MHDT	Aggregate	80	Electricity	12.09888243	0
San Joaquii	2026	MHDT	Aggregate	80	Natural Gas	2.006516662	0.000887113
San Joaquii	2026	MHDT	Aggregate	85	Diesel	66.26743682	0.007827683
San Joaquii	2026	MHDT	Aggregate	85	Electricity	0.833632076	0
San Joaquii	2026	MHDT	Aggregate	90	Diesel	0.083241882	0.007827683
San Joaquii	2026	MHDT	Aggregate	90	Electricity	0.001047167	0
San Joaquii	2028	HHDT	Aggregate	5	Gasoline	19.41989824	0.008939776
San Joaquii	2028	HHDT	Aggregate	5	Diesel	3685.81957	0.093664439
San Joaquii	2028	HHDT	Aggregate	5	Electricity	180.3539824	0
San Joaquii	2028	HHDT	Aggregate	5	Natural Gas	342.1816803	0.008731875
San Joaquii	2028	HHDT	Aggregate	10	Gasoline	27.99821918	0.005712629

San Joaquii	2028	HHDT	Aggregate	10	Diesel	73961.16996	0.01540614
San Joaquii	2028	HHDT	Aggregate	10	Electricity	1937.103983	0
San Joaquii	2028	HHDT	Aggregate	10	Natural Ga	3228.032157	0.005940254
San Joaquii	2028	HHDT	Aggregate	15	Gasoline	13.6702673	0.003850952
San Joaquii	2028	HHDT	Aggregate	15	Diesel	173683.6475	0.00867227
San Joaquii	2028	HHDT	Aggregate	15	Electricity	4117.239662	0
San Joaquii	2028	HHDT	Aggregate	15	Natural Ga	5861.099161	0.004769401
San Joaquii	2028	HHDT	Aggregate	20	Gasoline	14.48378048	0.002737927
San Joaquii	2028	HHDT	Aggregate	20	Diesel	305700.9638	0.00615331
San Joaquii	2028	HHDT	Aggregate	20	Electricity	9459.110327	0
San Joaquii	2028	HHDT	Aggregate	20	Natural Ga	6144.500713	0.003949555
San Joaquii	2028	HHDT	Aggregate	25	Gasoline	17.7115428	0.002052459
San Joaquii	2028	HHDT	Aggregate	25	Diesel	209235.1451	0.006301643
San Joaquii	2028	HHDT	Aggregate	25	Electricity	4925.810718	0
San Joaquii	2028	HHDT	Aggregate	25	Natural Ga	5731.260921	0.003403282
San Joaquii	2028	HHDT	Aggregate	30	Gasoline	22.77956444	0.001621973
San Joaquii	2028	HHDT	Aggregate	30	Diesel	226332.665	0.006766942
San Joaquii	2028	HHDT	Aggregate	30	Electricity	5561.747702	0
San Joaquii	2028	HHDT	Aggregate	30	Natural Ga	6647.721361	0.002910873
San Joaquii	2028	HHDT	Aggregate	35	Gasoline	27.74290699	0.001350864
San Joaquii	2028	HHDT	Aggregate	35	Diesel	257517.7688	0.007800081
San Joaquii	2028	HHDT	Aggregate	35	Electricity	6363.485043	0
San Joaquii	2028	HHDT	Aggregate	35	Natural Ga	7350.335935	0.002524956
San Joaquii	2028	HHDT	Aggregate	40	Gasoline	28.44207666	0.001185485
San Joaquii	2028	HHDT	Aggregate	40	Diesel	314844.9708	0.009663955
San Joaquii	2028	HHDT	Aggregate	40	Electricity	7581.763617	0
San Joaquii	2028	HHDT	Aggregate	40	Natural Ga	7778.914813	0.002284088
San Joaquii	2028	HHDT	Aggregate	45	Gasoline	28.79862778	0.001095963
San Joaquii	2028	HHDT	Aggregate	45	Diesel	346425.3575	0.012614149
San Joaquii	2028	HHDT	Aggregate	45	Electricity	8277.651569	0
San Joaquii	2028	HHDT	Aggregate	45	Natural Ga	7956.039164	0.002175307
San Joaquii	2028	HHDT	Aggregate	50	Gasoline	31.45525827	0.001067153
San Joaquii	2028	HHDT	Aggregate	50	Diesel	412751.1267	0.01635688
San Joaquii	2028	HHDT	Aggregate	50	Electricity	9611.81192	0
San Joaquii	2028	HHDT	Aggregate	50	Natural Ga	7978.45918	0.002230203
San Joaquii	2028	HHDT	Aggregate	55	Gasoline	52.44502957	0.00109424
San Joaquii	2028	HHDT	Aggregate	55	Diesel	670783.8549	0.021233187
San Joaquii	2028	HHDT	Aggregate	55	Electricity	15207.562	0
San Joaquii	2028	HHDT	Aggregate	55	Natural Ga	9688.709165	0.002218149
San Joaquii	2028	HHDT	Aggregate	60	Gasoline	112.6049162	0.001181458
San Joaquii	2028	HHDT	Aggregate	60	Diesel	1790885.58	0.027548416
San Joaquii	2028	HHDT	Aggregate	60	Electricity	38062.85055	0
San Joaquii	2028	HHDT	Aggregate	60	Natural Ga	14899.88501	0.001946524
San Joaquii	2028	HHDT	Aggregate	65	Gasoline	107.6067421	0.001343078
San Joaquii	2028	HHDT	Aggregate	65	Diesel	3008529.863	0.034850788
San Joaquii	2028	HHDT	Aggregate	65	Electricity	63404.8574	0
San Joaquii	2028	HHDT	Aggregate	65	Natural Ga	19503.51483	0.001923583
San Joaquii	2028	HHDT	Aggregate	70	Gasoline	6.845432522	0.001459902
San Joaquii	2028	HHDT	Aggregate	70	Diesel	3323582.852	0.035767229
San Joaquii	2028	HHDT	Aggregate	70	Electricity	64215.47227	0
San Joaquii	2028	HHDT	Aggregate	70	Natural Ga	8016.194136	0.001804931
San Joaquii	2028	HHDT	Aggregate	75	Gasoline	2.2860805	0.001459902
San Joaquii	2028	HHDT	Aggregate	75	Diesel	580966.7013	0.03565931
San Joaquii	2028	HHDT	Aggregate	75	Electricity	11430.4489	0
San Joaquii	2028	HHDT	Aggregate	75	Natural Ga	1407.071637	0.001500021
San Joaquii	2028	HHDT	Aggregate	80	Diesel	37456.54324	0.031863489
San Joaquii	2028	HHDT	Aggregate	80	Electricity	1112.740117	0
San Joaquii	2028	HHDT	Aggregate	80	Natural Ga	486.9299402	0.001453092
San Joaquii	2028	HHDT	Aggregate	85	Diesel	3699.069408	0.032725215
San Joaquii	2028	HHDT	Aggregate	85	Electricity	102.9523111	0
San Joaquii	2028	HHDT	Aggregate	85	Natural Ga	38.46467811	0.001461073
San Joaquii	2028	HHDT	Aggregate	90	Diesel	3.22571178	0.036380503
San Joaquii	2028	HHDT	Aggregate	90	Electricity	0.058847165	0
San Joaquii	2028	LHDT2	Aggregate	5	Gasoline	8222.205752	0.003074409
San Joaquii	2028	LHDT2	Aggregate	5	Diesel	12740.04057	0.084840867
San Joaquii	2028	LHDT2	Aggregate	5	Electricity	627.2245181	0
San Joaquii	2028	LHDT2	Aggregate	10	Gasoline	21504.36523	0.002263928
San Joaquii	2028	LHDT2	Aggregate	10	Diesel	42371.33708	0.070469072
San Joaquii	2028	LHDT2	Aggregate	10	Electricity	1906.740206	0
San Joaquii	2028	LHDT2	Aggregate	15	Gasoline	49036.38391	0.001737294
San Joaquii	2028	LHDT2	Aggregate	15	Diesel	91767.43996	0.058750043
San Joaquii	2028	LHDT2	Aggregate	15	Electricity	4204.846846	0
San Joaquii	2028	LHDT2	Aggregate	20	Gasoline	56520.50823	0.001378476
San Joaquii	2028	LHDT2	Aggregate	20	Diesel	100599.3607	0.049024531
San Joaquii	2028	LHDT2	Aggregate	20	Electricity	4694.723183	0
San Joaquii	2028	LHDT2	Aggregate	25	Gasoline	43570.84139	0.001126691
San Joaquii	2028	LHDT2	Aggregate	25	Diesel	107672.6659	0.040920916
San Joaquii	2028	LHDT2	Aggregate	25	Electricity	4505.940845	0
San Joaquii	2028	LHDT2	Aggregate	30	Gasoline	38446.82475	0.000950396
San Joaquii	2028	LHDT2	Aggregate	30	Diesel	90884.7918	0.034224572
San Joaquii	2028	LHDT2	Aggregate	30	Electricity	3854.839859	0
San Joaquii	2028	LHDT2	Aggregate	35	Gasoline	14433.03954	0.000831299
San Joaquii	2028	LHDT2	Aggregate	35	Diesel	47968.32426	0.028809783
San Joaquii	2028	LHDT2	Aggregate	35	Electricity	1854.710845	0
San Joaquii	2028	LHDT2	Aggregate	40	Gasoline	4355.360413	0.000759103
San Joaquii	2028	LHDT2	Aggregate	40	Diesel	26337.96602	0.024603172
San Joaquii	2028	LHDT2	Aggregate	40	Electricity	908.6757839	0
San Joaquii	2028	LHDT2	Aggregate	45	Gasoline	5309.670611	0.000730727
San Joaquii	2028	LHDT2	Aggregate	45	Diesel	28425.37263	0.021564157
San Joaquii	2028	LHDT2	Aggregate	45	Electricity	999.482768	0
San Joaquii	2028	LHDT2	Aggregate	50	Gasoline	38916.98108	0.000741577

San Joaquii	2028	LHDT2	Aggregate	50	Diesel	109756.2406	0.019674802
San Joaquii	2028	LHDT2	Aggregate	50	Electricity	4423.70165	0
San Joaquii	2028	LHDT2	Aggregate	55	Gasoline	10892.68451	0.000789574
San Joaquii	2028	LHDT2	Aggregate	55	Diesel	66102.75851	0.018935481
San Joaquii	2028	LHDT2	Aggregate	55	Electricity	2279.402062	0
San Joaquii	2028	MHDT	Aggregate	5	Gasoline	5777.381905	0.007337841
San Joaquii	2028	MHDT	Aggregate	5	Diesel	3929.325121	0.041235977
San Joaquii	2028	MHDT	Aggregate	5	Electricity	521.6890843	0
San Joaquii	2028	MHDT	Aggregate	5	Natural Gas	432.5405267	0.004636652
San Joaquii	2028	MHDT	Aggregate	10	Gasoline	10246.76229	0.004621606
San Joaquii	2028	MHDT	Aggregate	10	Diesel	43413.98644	0.020156905
San Joaquii	2028	MHDT	Aggregate	10	Electricity	2562.950875	0
San Joaquii	2028	MHDT	Aggregate	10	Natural Gas	1034.937733	0.004296267
San Joaquii	2028	MHDT	Aggregate	15	Gasoline	7690.780478	0.003070764
San Joaquii	2028	MHDT	Aggregate	15	Diesel	75766.5374	0.012301082
San Joaquii	2028	MHDT	Aggregate	15	Electricity	3838.034536	0
San Joaquii	2028	MHDT	Aggregate	15	Natural Gas	1063.230362	0.003557748
San Joaquii	2028	MHDT	Aggregate	20	Gasoline	8052.228325	0.002152482
San Joaquii	2028	MHDT	Aggregate	20	Diesel	99948.41414	0.007899871
San Joaquii	2028	MHDT	Aggregate	20	Electricity	4906.909284	0
San Joaquii	2028	MHDT	Aggregate	20	Natural Gas	1045.48922	0.002890272
San Joaquii	2028	MHDT	Aggregate	25	Gasoline	9538.19372	0.001591677
San Joaquii	2028	MHDT	Aggregate	25	Diesel	136776.1272	0.006241414
San Joaquii	2028	MHDT	Aggregate	25	Electricity	6657.393645	0
San Joaquii	2028	MHDT	Aggregate	25	Natural Gas	1466.658452	0.002275036
San Joaquii	2028	MHDT	Aggregate	30	Gasoline	11349.15629	0.00124163
San Joaquii	2028	MHDT	Aggregate	30	Diesel	191736.4448	0.005355321
San Joaquii	2028	MHDT	Aggregate	30	Electricity	9249.23047	0
San Joaquii	2028	MHDT	Aggregate	30	Natural Gas	2065.028656	0.001769641
San Joaquii	2028	MHDT	Aggregate	35	Gasoline	12555.40993	0.001021751
San Joaquii	2028	MHDT	Aggregate	35	Diesel	238590.9114	0.004958103
San Joaquii	2028	MHDT	Aggregate	35	Electricity	11450.23542	0
San Joaquii	2028	MHDT	Aggregate	35	Natural Gas	2615.91914	0.001369742
San Joaquii	2028	MHDT	Aggregate	40	Gasoline	13274.72222	0.000886909
San Joaquii	2028	MHDT	Aggregate	40	Diesel	191714.8943	0.005160131
San Joaquii	2028	MHDT	Aggregate	40	Electricity	9406.563951	0
San Joaquii	2028	MHDT	Aggregate	40	Natural Gas	2493.621831	0.00106728
San Joaquii	2028	MHDT	Aggregate	45	Gasoline	12447.7101	0.000812149
San Joaquii	2028	MHDT	Aggregate	45	Diesel	109161.1309	0.005878106
San Joaquii	2028	MHDT	Aggregate	45	Electricity	5665.567164	0
San Joaquii	2028	MHDT	Aggregate	45	Natural Gas	1889.88526	0.000873314
San Joaquii	2028	MHDT	Aggregate	50	Gasoline	13390.09938	0.000784434
San Joaquii	2028	MHDT	Aggregate	50	Diesel	71051.89235	0.006820296
San Joaquii	2028	MHDT	Aggregate	50	Electricity	3962.419947	0
San Joaquii	2028	MHDT	Aggregate	50	Natural Gas	1300.231132	0.000795413
San Joaquii	2028	MHDT	Aggregate	55	Gasoline	22039.98679	0.000799173
San Joaquii	2028	MHDT	Aggregate	55	Diesel	85958.58738	0.008168737
San Joaquii	2028	MHDT	Aggregate	55	Electricity	5096.703814	0
San Joaquii	2028	MHDT	Aggregate	55	Natural Gas	1528.903518	0.000824927
San Joaquii	2028	MHDT	Aggregate	60	Gasoline	42201.0542	0.000858913
San Joaquii	2028	MHDT	Aggregate	60	Diesel	141076.3083	0.009329219
San Joaquii	2028	MHDT	Aggregate	60	Electricity	8334.759136	0
San Joaquii	2028	MHDT	Aggregate	60	Natural Gas	1915.780744	0.000830477
San Joaquii	2028	MHDT	Aggregate	65	Gasoline	41660.79875	0.000973687
San Joaquii	2028	MHDT	Aggregate	65	Diesel	191447.8705	0.010498217
San Joaquii	2028	MHDT	Aggregate	65	Electricity	10068.27556	0
San Joaquii	2028	MHDT	Aggregate	65	Natural Gas	1385.57705	0.000854253
San Joaquii	2028	MHDT	Aggregate	70	Gasoline	1862.972132	0.001057646
San Joaquii	2028	MHDT	Aggregate	70	Diesel	176438.8262	0.009865312
San Joaquii	2028	MHDT	Aggregate	70	Electricity	6981.741938	0
San Joaquii	2028	MHDT	Aggregate	70	Natural Gas	863.7489111	0.000864927
San Joaquii	2028	MHDT	Aggregate	75	Gasoline	552.7625819	0.001057646
San Joaquii	2028	MHDT	Aggregate	75	Diesel	24361.13652	0.00942878
San Joaquii	2028	MHDT	Aggregate	75	Electricity	940.533088	0
San Joaquii	2028	MHDT	Aggregate	75	Natural Gas	123.4132028	0.000849004
San Joaquii	2028	MHDT	Aggregate	80	Diesel	891.0038696	0.008963567
San Joaquii	2028	MHDT	Aggregate	80	Electricity	32.07037666	0
San Joaquii	2028	MHDT	Aggregate	80	Natural Gas	2.065922956	0.000887556
San Joaquii	2028	MHDT	Aggregate	85	Diesel	68.00303063	0.007519217
San Joaquii	2028	MHDT	Aggregate	85	Electricity	2.105009237	0
San Joaquii	2028	MHDT	Aggregate	90	Diesel	0.085422049	0.007519217
San Joaquii	2028	MHDT	Aggregate	90	Electricity	0.002644209	0
San Joaquii	2030	HHDT	Aggregate	5	Gasoline	19.00978269	0.007768859
San Joaquii	2030	HHDT	Aggregate	5	Diesel	3562.263921	0.078825999
San Joaquii	2030	HHDT	Aggregate	5	Electricity	370.8582075	0
San Joaquii	2030	HHDT	Aggregate	5	Natural Gas	349.5974023	0.008869213
San Joaquii	2030	HHDT	Aggregate	10	Gasoline	27.40695675	0.004888142
San Joaquii	2030	HHDT	Aggregate	10	Diesel	74878.98022	0.013953647
San Joaquii	2030	HHDT	Aggregate	10	Electricity	3804.723613	0
San Joaquii	2030	HHDT	Aggregate	10	Natural Gas	3365.903982	0.005655828
San Joaquii	2030	HHDT	Aggregate	15	Gasoline	13.38158223	0.003244631
San Joaquii	2030	HHDT	Aggregate	15	Diesel	176657.7654	0.008227431
San Joaquii	2030	HHDT	Aggregate	15	Electricity	7996.339974	0
San Joaquii	2030	HHDT	Aggregate	15	Natural Gas	6125.49986	0.004475479
San Joaquii	2030	HHDT	Aggregate	20	Gasoline	14.17790399	0.002272079
San Joaquii	2030	HHDT	Aggregate	20	Diesel	307732.1427	0.005939704
San Joaquii	2030	HHDT	Aggregate	20	Electricity	18947.69022	0
San Joaquii	2030	HHDT	Aggregate	20	Natural Gas	6420.635623	0.003683525
San Joaquii	2030	HHDT	Aggregate	25	Gasoline	17.33755199	0.001678465
San Joaquii	2030	HHDT	Aggregate	25	Diesel	213020.6838	0.005937116
San Joaquii	2030	HHDT	Aggregate	25	Electricity	9553.366974	0

San Joaquii	2030	HHDT	Aggregate	25	Natural Ga	5963.620666	0.003185594
San Joaquii	2030	HHDT	Aggregate	30	Gasoline	22.29854645	0.001308091
San Joaquii	2030	HHDT	Aggregate	30	Diesel	230041.9851	0.006297282
San Joaquii	2030	HHDT	Aggregate	30	Electricity	10832.58077	0
San Joaquii	2030	HHDT	Aggregate	30	Natural Ga	6901.848617	0.00270782
San Joaquii	2030	HHDT	Aggregate	35	Gasoline	27.15709897	0.001075469
San Joaquii	2030	HHDT	Aggregate	35	Diesel	261691.7686	0.007334113
San Joaquii	2030	HHDT	Aggregate	35	Electricity	12400.31684	0
San Joaquii	2030	HHDT	Aggregate	35	Natural Ga	7623.013148	0.002316704
San Joaquii	2030	HHDT	Aggregate	40	Gasoline	27.84143771	0.000932816
San Joaquii	2030	HHDT	Aggregate	40	Diesel	320234.9499	0.009253118
San Joaquii	2030	HHDT	Aggregate	40	Electricity	14736.14432	0
San Joaquii	2030	HHDT	Aggregate	40	Natural Ga	8063.066874	0.002058008
San Joaquii	2030	HHDT	Aggregate	45	Gasoline	28.19039094	0.00085355
San Joaquii	2030	HHDT	Aggregate	45	Diesel	352526.5328	0.012235602
San Joaquii	2030	HHDT	Aggregate	45	Electricity	16078.3321	0
San Joaquii	2030	HHDT	Aggregate	45	Natural Ga	8235.626924	0.001934028
San Joaquii	2030	HHDT	Aggregate	50	Gasoline	30.79087487	0.00082394
San Joaquii	2030	HHDT	Aggregate	50	Diesel	420517.7861	0.016085292
San Joaquii	2030	HHDT	Aggregate	50	Electricity	18591.11978	0
San Joaquii	2030	HHDT	Aggregate	50	Natural Ga	8244.781667	0.001960999
San Joaquii	2030	HHDT	Aggregate	55	Gasoline	51.33741814	0.00083906
San Joaquii	2030	HHDT	Aggregate	55	Diesel	684236.3901	0.021036061
San Joaquii	2030	HHDT	Aggregate	55	Electricity	29167.90119	0
San Joaquii	2030	HHDT	Aggregate	55	Natural Ga	9929.814139	0.002000579
San Joaquii	2030	HHDT	Aggregate	60	Gasoline	110.2268224	0.000901419
San Joaquii	2030	HHDT	Aggregate	60	Diesel	1829989.12	0.027414782
San Joaquii	2030	HHDT	Aggregate	60	Electricity	72024.52647	0
San Joaquii	2030	HHDT	Aggregate	60	Natural Ga	15099.6125	0.001839904
San Joaquii	2030	HHDT	Aggregate	65	Gasoline	105.3342262	0.001021636
San Joaquii	2030	HHDT	Aggregate	65	Diesel	3073792.446	0.034782863
San Joaquii	2030	HHDT	Aggregate	65	Electricity	120046.6798	0
San Joaquii	2030	HHDT	Aggregate	65	Natural Ga	19710.10371	0.001824945
San Joaquii	2030	HHDT	Aggregate	70	Gasoline	6.700866714	0.00110967
San Joaquii	2030	HHDT	Aggregate	70	Diesel	3402158.902	0.035649466
San Joaquii	2030	HHDT	Aggregate	70	Electricity	120108.2354	0
San Joaquii	2030	HHDT	Aggregate	70	Natural Ga	8079.07768	0.001747483
San Joaquii	2030	HHDT	Aggregate	75	Gasoline	2.237801729	0.00110967
San Joaquii	2030	HHDT	Aggregate	75	Diesel	594360.5796	0.035549853
San Joaquii	2030	HHDT	Aggregate	75	Electricity	21428.57055	0
San Joaquii	2030	HHDT	Aggregate	75	Natural Ga	1402.486315	0.001543671
San Joaquii	2030	HHDT	Aggregate	80	Diesel	37789.67532	0.031970667
San Joaquii	2030	HHDT	Aggregate	80	Electricity	2207.22766	0
San Joaquii	2030	HHDT	Aggregate	80	Natural Ga	481.5342331	0.001506762
San Joaquii	2030	HHDT	Aggregate	85	Diesel	3740.609484	0.032796445
San Joaquii	2030	HHDT	Aggregate	85	Electricity	202.9800171	0
San Joaquii	2030	HHDT	Aggregate	85	Natural Ga	38.02075097	0.001511177
San Joaquii	2030	HHDT	Aggregate	90	Diesel	3.305219229	0.036233521
San Joaquii	2030	HHDT	Aggregate	90	Electricity	0.108984236	0
San Joaquii	2030	LHDT2	Aggregate	5	Gasoline	7566.719076	0.002810969
San Joaquii	2030	LHDT2	Aggregate	5	Diesel	11933.6216	0.078771442
San Joaquii	2030	LHDT2	Aggregate	5	Electricity	1213.520469	0
San Joaquii	2030	LHDT2	Aggregate	10	Gasoline	19789.23894	0.002119575
San Joaquii	2030	LHDT2	Aggregate	10	Diesel	39689.29514	0.065635888
San Joaquii	2030	LHDT2	Aggregate	10	Electricity	3689.667618	0
San Joaquii	2030	LHDT2	Aggregate	15	Gasoline	45124.57506	0.001656812
San Joaquii	2030	LHDT2	Aggregate	15	Diesel	85958.68466	0.054883437
San Joaquii	2030	LHDT2	Aggregate	15	Electricity	8136.361843	0
San Joaquii	2030	LHDT2	Aggregate	20	Gasoline	52013.33165	0.001332603
San Joaquii	2030	LHDT2	Aggregate	20	Diesel	94231.58916	0.045931218
San Joaquii	2030	LHDT2	Aggregate	20	Electricity	9083.9733	0
San Joaquii	2030	LHDT2	Aggregate	25	Gasoline	40095.93641	0.001099768
San Joaquii	2030	LHDT2	Aggregate	25	Diesel	100857.1461	0.03845067
San Joaquii	2030	LHDT2	Aggregate	25	Electricity	8720.574875	0
San Joaquii	2030	LHDT2	Aggregate	30	Gasoline	35381.57437	0.000933921
San Joaquii	2030	LHDT2	Aggregate	30	Diesel	85131.9396	0.032252026
San Joaquii	2030	LHDT2	Aggregate	30	Electricity	7460.268778	0
San Joaquii	2030	LHDT2	Aggregate	35	Gasoline	13281.54056	0.000820855
San Joaquii	2030	LHDT2	Aggregate	35	Diesel	44931.98976	0.027224139
San Joaquii	2030	LHDT2	Aggregate	35	Electricity	3590.130423	0
San Joaquii	2030	LHDT2	Aggregate	40	Gasoline	4006.754053	0.000752563
San Joaquii	2030	LHDT2	Aggregate	40	Diesel	24670.78437	0.023302133
San Joaquii	2030	LHDT2	Aggregate	40	Electricity	1759.377299	0
San Joaquii	2030	LHDT2	Aggregate	45	Gasoline	4885.285111	0.000726926
San Joaquii	2030	LHDT2	Aggregate	45	Diesel	26626.06762	0.020450121
San Joaquii	2030	LHDT2	Aggregate	45	Electricity	1935.110362	0
San Joaquii	2030	LHDT2	Aggregate	50	Gasoline	35809.84873	0.0007402
San Joaquii	2030	LHDT2	Aggregate	50	Diesel	102808.7657	0.01865225
San Joaquii	2030	LHDT2	Aggregate	50	Electricity	8562.062481	0
San Joaquii	2030	LHDT2	Aggregate	55	Gasoline	10020.78769	0.000790626
San Joaquii	2030	LHDT2	Aggregate	55	Diesel	61918.48246	0.017908852
San Joaquii	2030	LHDT2	Aggregate	55	Electricity	4413.381881	0
San Joaquii	2030	MHDT	Aggregate	5	Gasoline	5394.195262	0.007376553
San Joaquii	2030	MHDT	Aggregate	5	Diesel	3787.118099	0.032042183
San Joaquii	2030	MHDT	Aggregate	5	Electricity	1063.824323	0
San Joaquii	2030	MHDT	Aggregate	5	Natural Ga	440.2754522	0.004718548
San Joaquii	2030	MHDT	Aggregate	10	Gasoline	9567.22919	0.004642316
San Joaquii	2030	MHDT	Aggregate	10	Diesel	42879.14903	0.014485995
San Joaquii	2030	MHDT	Aggregate	10	Electricity	5501.225967	0
San Joaquii	2030	MHDT	Aggregate	10	Natural Ga	1058.017195	0.004357844
San Joaquii	2030	MHDT	Aggregate	15	Gasoline	7180.713756	0.003082074

San Joaquii	2030	MHDT	Aggregate	15	Diesel	75070.45491	0.008795305
San Joaquii	2030	MHDT	Aggregate	15	Electricity	8353.877933	0
San Joaquii	2030	MHDT	Aggregate	15	Natural Ga	1091.152072	0.003598327
San Joaquii	2030	MHDT	Aggregate	20	Gasoline	7518.203015	0.002158695
San Joaquii	2030	MHDT	Aggregate	20	Diesel	99140.50634	0.005752088
San Joaquii	2030	MHDT	Aggregate	20	Electricity	10736.66584	0
San Joaquii	2030	MHDT	Aggregate	20	Natural Ga	1076.559214	0.002915926
San Joaquii	2030	MHDT	Aggregate	25	Gasoline	8905.593953	0.001595032
San Joaquii	2030	MHDT	Aggregate	25	Diesel	135638.4597	0.00458894
San Joaquii	2030	MHDT	Aggregate	25	Electricity	14588.70858	0
San Joaquii	2030	MHDT	Aggregate	25	Natural Ga	1510.049388	0.002295339
San Joaquii	2030	MHDT	Aggregate	30	Gasoline	10596.48677	0.001243315
San Joaquii	2030	MHDT	Aggregate	30	Diesel	190119.4331	0.003999153
San Joaquii	2030	MHDT	Aggregate	30	Electricity	20296.94755	0
San Joaquii	2030	MHDT	Aggregate	30	Natural Ga	2126.184907	0.001785211
San Joaquii	2030	MHDT	Aggregate	35	Gasoline	11722.85017	0.001022415
San Joaquii	2030	MHDT	Aggregate	35	Diesel	236560.5419	0.003816148
San Joaquii	2030	MHDT	Aggregate	35	Electricity	25143.42989	0
San Joaquii	2030	MHDT	Aggregate	35	Natural Ga	2692.807447	0.00138186
San Joaquii	2030	MHDT	Aggregate	40	Gasoline	12394.24572	0.000886921
San Joaquii	2030	MHDT	Aggregate	40	Diesel	189980.7377	0.004118514
San Joaquii	2030	MHDT	Aggregate	40	Electricity	20566.29467	0
San Joaquii	2030	MHDT	Aggregate	40	Natural Ga	2561.360712	0.001078516
San Joaquii	2030	MHDT	Aggregate	45	Gasoline	11622.28869	0.000811691
San Joaquii	2030	MHDT	Aggregate	45	Diesel	108053.3714	0.00484756
San Joaquii	2030	MHDT	Aggregate	45	Electricity	12278.66842	0
San Joaquii	2030	MHDT	Aggregate	45	Natural Ga	1935.568252	0.000884404
San Joaquii	2030	MHDT	Aggregate	50	Gasoline	12502.02476	0.000783616
San Joaquii	2030	MHDT	Aggregate	50	Diesel	70340.14146	0.005785993
San Joaquii	2030	MHDT	Aggregate	50	Electricity	8523.143758	0
San Joaquii	2030	MHDT	Aggregate	50	Natural Ga	1330.449271	0.000806006
San Joaquii	2030	MHDT	Aggregate	55	Gasoline	20577.49608	0.000798042
San Joaquii	2030	MHDT	Aggregate	55	Diesel	85116.97123	0.007068878
San Joaquii	2030	MHDT	Aggregate	55	Electricity	10914.50081	0
San Joaquii	2030	MHDT	Aggregate	55	Natural Ga	1564.06177	0.000836019
San Joaquii	2030	MHDT	Aggregate	60	Gasoline	39401.66631	0.000857445
San Joaquii	2030	MHDT	Aggregate	60	Diesel	140334.8203	0.008271447
San Joaquii	2030	MHDT	Aggregate	60	Electricity	17795.69308	0
San Joaquii	2030	MHDT	Aggregate	60	Natural Ga	1962.74346	0.000840619
San Joaquii	2030	MHDT	Aggregate	65	Gasoline	38897.53439	0.000971852
San Joaquii	2030	MHDT	Aggregate	65	Diesel	191267.1256	0.009556989
San Joaquii	2030	MHDT	Aggregate	65	Electricity	21559.62877	0
San Joaquii	2030	MHDT	Aggregate	65	Natural Ga	1427.705423	0.000860548
San Joaquii	2030	MHDT	Aggregate	70	Gasoline	1739.404916	0.001055608
San Joaquii	2030	MHDT	Aggregate	70	Diesel	176898.2411	0.009074729
San Joaquii	2030	MHDT	Aggregate	70	Electricity	14905.71002	0
San Joaquii	2030	MHDT	Aggregate	70	Natural Ga	892.1861991	0.000869482
San Joaquii	2030	MHDT	Aggregate	75	Gasoline	516.0989455	0.001055608
San Joaquii	2030	MHDT	Aggregate	75	Diesel	24485.2756	0.008737126
San Joaquii	2030	MHDT	Aggregate	75	Electricity	1979.969828	0
San Joaquii	2030	MHDT	Aggregate	75	Natural Ga	127.0094727	0.000856136
San Joaquii	2030	MHDT	Aggregate	80	Diesel	897.8474783	0.008390333
San Joaquii	2030	MHDT	Aggregate	80	Electricity	67.03328718	0
San Joaquii	2030	MHDT	Aggregate	80	Natural Ga	2.144969764	0.000888282
San Joaquii	2030	MHDT	Aggregate	85	Diesel	69.08286538	0.007301222
San Joaquii	2030	MHDT	Aggregate	85	Electricity	4.177142982	0
San Joaquii	2030	MHDT	Aggregate	90	Diesel	0.086778484	0.007301222
San Joaquii	2030	MHDT	Aggregate	90	Electricity	0.005247121	0
San Joaquii	2035	HHDT	Aggregate	5	Gasoline	18.07949127	0.00761348
San Joaquii	2035	HHDT	Aggregate	5	Diesel	3138.857953	0.041311391
San Joaquii	2035	HHDT	Aggregate	5	Electricity	979.9134005	0
San Joaquii	2035	HHDT	Aggregate	5	Natural Ga	344.4179514	0.009154956
San Joaquii	2035	HHDT	Aggregate	10	Gasoline	26.0657116	0.004790378
San Joaquii	2035	HHDT	Aggregate	10	Diesel	79403.30256	0.010642424
San Joaquii	2035	HHDT	Aggregate	10	Electricity	10243.1276	0
San Joaquii	2035	HHDT	Aggregate	10	Natural Ga	3514.328314	0.005343388
San Joaquii	2035	HHDT	Aggregate	15	Gasoline	12.7267104	0.003179738
San Joaquii	2035	HHDT	Aggregate	15	Diesel	190435.8915	0.007247969
San Joaquii	2035	HHDT	Aggregate	15	Electricity	21382.13686	0
San Joaquii	2035	HHDT	Aggregate	15	Natural Ga	6445.939284	0.004149267
San Joaquii	2035	HHDT	Aggregate	20	Gasoline	13.48407722	0.002226637
San Joaquii	2035	HHDT	Aggregate	20	Diesel	318910.3081	0.005537979
San Joaquii	2035	HHDT	Aggregate	20	Electricity	53032.66185	0
San Joaquii	2035	HHDT	Aggregate	20	Natural Ga	6771.668175	0.003385137
San Joaquii	2035	HHDT	Aggregate	25	Gasoline	16.48903306	0.001644896
San Joaquii	2035	HHDT	Aggregate	25	Diesel	230127.2652	0.0051837
San Joaquii	2035	HHDT	Aggregate	25	Electricity	25551.58042	0
San Joaquii	2035	HHDT	Aggregate	25	Natural Ga	6260.051608	0.002936029
San Joaquii	2035	HHDT	Aggregate	30	Gasoline	21.2072476	0.001281929
San Joaquii	2035	HHDT	Aggregate	30	Diesel	247075.9589	0.005328846
San Joaquii	2035	HHDT	Aggregate	30	Electricity	29090.9755	0
San Joaquii	2035	HHDT	Aggregate	30	Natural Ga	7210.939367	0.002463476
San Joaquii	2035	HHDT	Aggregate	35	Gasoline	25.82799845	0.00105396
San Joaquii	2035	HHDT	Aggregate	35	Diesel	280890.0018	0.006383674
San Joaquii	2035	HHDT	Aggregate	35	Electricity	33310.5294	0
San Joaquii	2035	HHDT	Aggregate	35	Natural Ga	7952.375357	0.00205656
San Joaquii	2035	HHDT	Aggregate	40	Gasoline	26.4789341	0.00091416
San Joaquii	2035	HHDT	Aggregate	40	Diesel	344936.4276	0.008432486
San Joaquii	2035	HHDT	Aggregate	40	Electricity	39373.38737	0
San Joaquii	2035	HHDT	Aggregate	40	Natural Ga	8405.077294	0.001767254
San Joaquii	2035	HHDT	Aggregate	45	Gasoline	26.81090048	0.000836478

San Joaquii	2035	HHDT	Aggregate	45	Diesel	380207.9927	0.011463898
San Joaquii	2035	HHDT	Aggregate	45	Electricity	42956.02101	0
San Joaquii	2035	HHDT	Aggregate	45	Natural Ga	8580.602634	0.001618021
San Joaquii	2035	HHDT	Aggregate	50	Gasoline	29.28418003	0.00080746
San Joaquii	2035	HHDT	Aggregate	50	Diesel	455538.2571	0.015513731
San Joaquii	2035	HHDT	Aggregate	50	Electricity	49513.83293	0
San Joaquii	2035	HHDT	Aggregate	50	Natural Ga	8606.957912	0.001602865
San Joaquii	2035	HHDT	Aggregate	55	Gasoline	48.82517298	0.000822279
San Joaquii	2035	HHDT	Aggregate	55	Diesel	745006.9071	0.020560638
San Joaquii	2035	HHDT	Aggregate	55	Electricity	76964.24049	0
San Joaquii	2035	HHDT	Aggregate	55	Natural Ga	10361.61801	0.001706632
San Joaquii	2035	HHDT	Aggregate	60	Gasoline	104.8326856	0.000883391
San Joaquii	2035	HHDT	Aggregate	60	Diesel	2009221.266	0.027012146
San Joaquii	2035	HHDT	Aggregate	60	Electricity	185498.341	0
San Joaquii	2035	HHDT	Aggregate	60	Natural Ga	15741.99298	0.001696576
San Joaquii	2035	HHDT	Aggregate	65	Gasoline	100.1794879	0.001001203
San Joaquii	2035	HHDT	Aggregate	65	Diesel	3376128.282	0.034459529
San Joaquii	2035	HHDT	Aggregate	65	Electricity	307732.3767	0
San Joaquii	2035	HHDT	Aggregate	65	Natural Ga	20346.45215	0.001689033
San Joaquii	2035	HHDT	Aggregate	70	Gasoline	6.372945362	0.001087476
San Joaquii	2035	HHDT	Aggregate	70	Diesel	3766810.19	0.035225566
San Joaquii	2035	HHDT	Aggregate	70	Electricity	298791.589	0
San Joaquii	2035	HHDT	Aggregate	70	Natural Ga	8357.036013	0.001671302
San Joaquii	2035	HHDT	Aggregate	75	Gasoline	2.128290079	0.001087476
San Joaquii	2035	HHDT	Aggregate	75	Diesel	656955.6368	0.03515771
San Joaquii	2035	HHDT	Aggregate	75	Electricity	53485.32828	0
San Joaquii	2035	HHDT	Aggregate	75	Natural Ga	1419.224674	0.001613724
San Joaquii	2035	HHDT	Aggregate	80	Diesel	39645.27045	0.03227316
San Joaquii	2035	HHDT	Aggregate	80	Electricity	6058.959644	0
San Joaquii	2035	HHDT	Aggregate	80	Natural Ga	462.6375767	0.00157706
San Joaquii	2035	HHDT	Aggregate	85	Diesel	3961.533424	0.033014084
San Joaquii	2035	HHDT	Aggregate	85	Electricity	550.1596675	0
San Joaquii	2035	HHDT	Aggregate	85	Natural Ga	36.23515356	0.001573376
San Joaquii	2035	HHDT	Aggregate	90	Diesel	3.677392023	0.035754431
San Joaquii	2035	HHDT	Aggregate	90	Electricity	0.26415121	0
San Joaquii	2035	LHDT2	Aggregate	5	Gasoline	5917.238259	0.002364839
San Joaquii	2035	LHDT2	Aggregate	5	Diesel	9786.258117	0.069099915
San Joaquii	2035	LHDT2	Aggregate	5	Electricity	3433.875925	0
San Joaquii	2035	LHDT2	Aggregate	10	Gasoline	15473.92122	0.001888813
San Joaquii	2035	LHDT2	Aggregate	10	Diesel	32547.47917	0.058267287
San Joaquii	2035	LHDT2	Aggregate	10	Electricity	10449.20072	0
San Joaquii	2035	LHDT2	Aggregate	15	Gasoline	35283.02655	0.001539245
San Joaquii	2035	LHDT2	Aggregate	15	Diesel	70490.9884	0.049176877
San Joaquii	2035	LHDT2	Aggregate	15	Electricity	23038.30881	0
San Joaquii	2035	LHDT2	Aggregate	20	Gasoline	40672.48032	0.001274681
San Joaquii	2035	LHDT2	Aggregate	20	Diesel	77275.28737	0.041465694
San Joaquii	2035	LHDT2	Aggregate	20	Electricity	25717.14252	0
San Joaquii	2035	LHDT2	Aggregate	25	Gasoline	31352.79823	0.001073311
San Joaquii	2035	LHDT2	Aggregate	25	Diesel	82708.59285	0.034929163
San Joaquii	2035	LHDT2	Aggregate	25	Electricity	24714.73941	0
San Joaquii	2035	LHDT2	Aggregate	30	Gasoline	27668.2952	0.00092403
San Joaquii	2035	LHDT2	Aggregate	30	Diesel	69813.05988	0.029449066
San Joaquii	2035	LHDT2	Aggregate	30	Electricity	21140.06094	0
San Joaquii	2035	LHDT2	Aggregate	35	Gasoline	10384.64157	0.000820202
San Joaquii	2035	LHDT2	Aggregate	35	Diesel	36846.76932	0.024956213
San Joaquii	2035	LHDT2	Aggregate	35	Electricity	10183.33833	0
San Joaquii	2035	LHDT2	Aggregate	40	Gasoline	3130.717489	0.000758063
San Joaquii	2035	LHDT2	Aggregate	40	Diesel	20231.40403	0.021410188
San Joaquii	2035	LHDT2	Aggregate	40	Electricity	4997.136085	0
San Joaquii	2035	LHDT2	Aggregate	45	Gasoline	3818.296585	0.000737172
San Joaquii	2035	LHDT2	Aggregate	45	Diesel	21834.85706	0.018788614
San Joaquii	2035	LHDT2	Aggregate	45	Electricity	5494.993555	0
San Joaquii	2035	LHDT2	Aggregate	50	Gasoline	27994.98723	0.000755433
San Joaquii	2035	LHDT2	Aggregate	50	Diesel	84308.92935	0.017081646
San Joaquii	2035	LHDT2	Aggregate	50	Electricity	24274.98465	0
San Joaquii	2035	LHDT2	Aggregate	55	Gasoline	7829.771868	0.000811761
San Joaquii	2035	LHDT2	Aggregate	55	Diesel	50776.57023	0.016289495
San Joaquii	2035	LHDT2	Aggregate	55	Electricity	12535.35049	0
San Joaquii	2035	MHDT	Aggregate	5	Gasoline	4306.460534	0.007504936
San Joaquii	2035	MHDT	Aggregate	5	Diesel	3306.901133	0.016834486
San Joaquii	2035	MHDT	Aggregate	5	Electricity	2836.869696	0
San Joaquii	2035	MHDT	Aggregate	5	Natural Ga	416.7572297	0.004867525
San Joaquii	2035	MHDT	Aggregate	10	Gasoline	7638.155352	0.004722115
San Joaquii	2035	MHDT	Aggregate	10	Diesel	40083.19658	0.007216175
San Joaquii	2035	MHDT	Aggregate	10	Electricity	16619.05758	0
San Joaquii	2035	MHDT	Aggregate	10	Natural Ga	1034.986997	0.004473469
San Joaquii	2035	MHDT	Aggregate	15	Gasoline	5732.775208	0.003134416
San Joaquii	2035	MHDT	Aggregate	15	Diesel	70797.24353	0.004481507
San Joaquii	2035	MHDT	Aggregate	15	Electricity	26055.51148	0
San Joaquii	2035	MHDT	Aggregate	15	Natural Ga	1097.014127	0.003676273
San Joaquii	2035	MHDT	Aggregate	20	Gasoline	6002.235184	0.002194899
San Joaquii	2035	MHDT	Aggregate	20	Diesel	93742.37017	0.003136547
San Joaquii	2035	MHDT	Aggregate	20	Electricity	33863.31205	0
San Joaquii	2035	MHDT	Aggregate	20	Natural Ga	1107.070272	0.002966093
San Joaquii	2035	MHDT	Aggregate	25	Gasoline	7109.830012	0.001621458
San Joaquii	2035	MHDT	Aggregate	25	Diesel	128113.1525	0.002558299
San Joaquii	2035	MHDT	Aggregate	25	Electricity	46119.33132	0
San Joaquii	2035	MHDT	Aggregate	25	Natural Ga	1551.974226	0.002335108
San Joaquii	2035	MHDT	Aggregate	30	Gasoline	8459.829869	0.001263664
San Joaquii	2035	MHDT	Aggregate	30	Diesel	179512.3733	0.002313159
San Joaquii	2035	MHDT	Aggregate	30	Electricity	64260.1735	0

San Joaquii	2035	MHDT	Aggregate	30	Natural Ga	2187.625393	0.00181578
San Joaquii	2035	MHDT	Aggregate	35	Gasoline	9359.261509	0.001038951
San Joaquii	2035	MHDT	Aggregate	35	Diesel	223390.5614	0.002369825
San Joaquii	2035	MHDT	Aggregate	35	Electricity	79586.9723	0
San Joaquii	2035	MHDT	Aggregate	35	Natural Ga	2769.513192	0.001405674
San Joaquii	2035	MHDT	Aggregate	40	Gasoline	9894.911306	0.000901126
San Joaquii	2035	MHDT	Aggregate	40	Diesel	179263.4027	0.002756943
San Joaquii	2035	MHDT	Aggregate	40	Electricity	64537.7742	0
San Joaquii	2035	MHDT	Aggregate	40	Natural Ga	2595.650562	0.00110029
San Joaquii	2035	MHDT	Aggregate	45	Gasoline	9278.969748	0.000824557
San Joaquii	2035	MHDT	Aggregate	45	Diesel	101847.4726	0.003448692
San Joaquii	2035	MHDT	Aggregate	45	Electricity	37773.69611	0
San Joaquii	2035	MHDT	Aggregate	45	Natural Ga	1923.494811	0.000905517
San Joaquii	2035	MHDT	Aggregate	50	Gasoline	9981.050586	0.000795944
San Joaquii	2035	MHDT	Aggregate	50	Diesel	66509.94588	0.00434802
San Joaquii	2035	MHDT	Aggregate	50	Electricity	25752.36028	0
San Joaquii	2035	MHDT	Aggregate	50	Natural Ga	1315.237394	0.000826032
San Joaquii	2035	MHDT	Aggregate	55	Gasoline	16426.88477	0.000810537
San Joaquii	2035	MHDT	Aggregate	55	Diesel	80661.93994	0.005518726
San Joaquii	2035	MHDT	Aggregate	55	Electricity	32614.78733	0
San Joaquii	2035	MHDT	Aggregate	55	Natural Ga	1545.349011	0.000856906
San Joaquii	2035	MHDT	Aggregate	60	Gasoline	31455.68164	0.00087079
San Joaquii	2035	MHDT	Aggregate	60	Diesel	135517.0675	0.006762956
San Joaquii	2035	MHDT	Aggregate	60	Electricity	52913.88581	0
San Joaquii	2035	MHDT	Aggregate	60	Natural Ga	1959.347344	0.000860043
San Joaquii	2035	MHDT	Aggregate	65	Gasoline	31053.70985	0.000986926
San Joaquii	2035	MHDT	Aggregate	65	Diesel	187789.1178	0.008191636
San Joaquii	2035	MHDT	Aggregate	65	Electricity	64716.8939	0
San Joaquii	2035	MHDT	Aggregate	65	Natural Ga	1487.125072	0.000873225
San Joaquii	2035	MHDT	Aggregate	70	Gasoline	1388.64679	0.00107197
San Joaquii	2035	MHDT	Aggregate	70	Diesel	176582.0293	0.007920346
San Joaquii	2035	MHDT	Aggregate	70	Electricity	45131.08039	0
San Joaquii	2035	MHDT	Aggregate	70	Natural Ga	946.5319975	0.000878834
San Joaquii	2035	MHDT	Aggregate	75	Gasoline	412.025479	0.00107197
San Joaquii	2035	MHDT	Aggregate	75	Diesel	24748.54852	0.007717172
San Joaquii	2035	MHDT	Aggregate	75	Electricity	5862.709735	0
San Joaquii	2035	MHDT	Aggregate	75	Natural Ga	131.0884077	0.000870378
San Joaquii	2035	MHDT	Aggregate	80	Diesel	917.5377172	0.007542207
San Joaquii	2035	MHDT	Aggregate	80	Electricity	196.8373069	0
San Joaquii	2035	MHDT	Aggregate	80	Natural Ga	2.362696318	0.000889997
San Joaquii	2035	MHDT	Aggregate	85	Diesel	73.2824236	0.006958022
San Joaquii	2035	MHDT	Aggregate	85	Electricity	11.26138749	0
San Joaquii	2035	MHDT	Aggregate	90	Diesel	0.092053762	0.006958022
San Joaquii	2035	MHDT	Aggregate	90	Electricity	0.014145999	0
San Joaquii	2042	HHDT	Aggregate	5	Gasoline	14.96156194	0.007776714
San Joaquii	2042	HHDT	Aggregate	5	Diesel	2699.895156	0.020720256
San Joaquii	2042	HHDT	Aggregate	5	Electricity	1668.199339	0
San Joaquii	2042	HHDT	Aggregate	5	Natural Ga	317.1078453	0.009490549
San Joaquii	2042	HHDT	Aggregate	10	Gasoline	21.57049979	0.004893089
San Joaquii	2042	HHDT	Aggregate	10	Diesel	88164.39911	0.009075141
San Joaquii	2042	HHDT	Aggregate	10	Electricity	18248.3196	0
San Joaquii	2042	HHDT	Aggregate	10	Natural Ga	3535.633135	0.005196983
San Joaquii	2042	HHDT	Aggregate	15	Gasoline	10.53190067	0.003247916
San Joaquii	2042	HHDT	Aggregate	15	Diesel	215772.3811	0.006747835
San Joaquii	2042	HHDT	Aggregate	15	Electricity	37744.358	0
San Joaquii	2042	HHDT	Aggregate	15	Natural Ga	6562.80975	0.004008926
San Joaquii	2042	HHDT	Aggregate	20	Gasoline	11.15865924	0.002274375
San Joaquii	2042	HHDT	Aggregate	20	Diesel	340971.3842	0.005318708
San Joaquii	2042	HHDT	Aggregate	20	Electricity	101560.3597	0
San Joaquii	2042	HHDT	Aggregate	20	Natural Ga	6927.499804	0.003262955
San Joaquii	2042	HHDT	Aggregate	25	Gasoline	13.64536938	0.001680172
San Joaquii	2042	HHDT	Aggregate	25	Diesel	260993.54	0.004838729
San Joaquii	2042	HHDT	Aggregate	25	Electricity	45055.23917	0
San Joaquii	2042	HHDT	Aggregate	25	Natural Ga	6392.125633	0.002834592
San Joaquii	2042	HHDT	Aggregate	30	Gasoline	17.54989586	0.00130942
San Joaquii	2042	HHDT	Aggregate	30	Diesel	278328.2822	0.004925124
San Joaquii	2042	HHDT	Aggregate	30	Electricity	51732.46055	0
San Joaquii	2042	HHDT	Aggregate	30	Natural Ga	7322.620896	0.002353356
San Joaquii	2042	HHDT	Aggregate	35	Gasoline	21.37375594	0.001076563
San Joaquii	2042	HHDT	Aggregate	35	Diesel	316233.9783	0.005971205
San Joaquii	2042	HHDT	Aggregate	35	Electricity	59299.87865	0
San Joaquii	2042	HHDT	Aggregate	35	Natural Ga	8065.736026	0.001930663
San Joaquii	2042	HHDT	Aggregate	40	Gasoline	21.91246055	0.00093376
San Joaquii	2042	HHDT	Aggregate	40	Diesel	390570.8663	0.008032111
San Joaquii	2042	HHDT	Aggregate	40	Electricity	69546.64752	0
San Joaquii	2042	HHDT	Aggregate	40	Natural Ga	8515.027808	0.001618581
San Joaquii	2042	HHDT	Aggregate	45	Gasoline	22.18720529	0.000854409
San Joaquii	2042	HHDT	Aggregate	45	Diesel	430839.7944	0.011028483
San Joaquii	2042	HHDT	Aggregate	45	Electricity	75772.09272	0
San Joaquii	2042	HHDT	Aggregate	45	Natural Ga	8703.842165	0.001452346
San Joaquii	2042	HHDT	Aggregate	50	Gasoline	24.23396901	0.000824767
San Joaquii	2042	HHDT	Aggregate	50	Diesel	519483.1608	0.015049988
San Joaquii	2042	HHDT	Aggregate	50	Electricity	87152.01095	0
San Joaquii	2042	HHDT	Aggregate	50	Natural Ga	8795.119209	0.001412825
San Joaquii	2042	HHDT	Aggregate	55	Gasoline	40.40497009	0.000839907
San Joaquii	2042	HHDT	Aggregate	55	Diesel	857950.9849	0.020015419
San Joaquii	2042	HHDT	Aggregate	55	Electricity	134492.1429	0
San Joaquii	2042	HHDT	Aggregate	55	Natural Ga	10776.01591	0.001555042
San Joaquii	2042	HHDT	Aggregate	60	Gasoline	86.75361492	0.000902329
San Joaquii	2042	HHDT	Aggregate	60	Diesel	2353568	0.026375818
San Joaquii	2042	HHDT	Aggregate	60	Electricity	314988.8364	0

San Joaquii	2042	HHDT	Aggregate	60	Natural Ga	16768.77736	0.001630133
San Joaquii	2042	HHDT	Aggregate	65	Gasoline	82.90288206	0.001022668
San Joaquii	2042	HHDT	Aggregate	65	Diesel	3964273.734	0.033767662
San Joaquii	2042	HHDT	Aggregate	65	Electricity	519724.1718	0
San Joaquii	2042	HHDT	Aggregate	65	Natural Ga	21282.80303	0.001626441
San Joaquii	2042	HHDT	Aggregate	70	Gasoline	5.273889005	0.001110791
San Joaquii	2042	HHDT	Aggregate	70	Diesel	4482298.454	0.034478285
San Joaquii	2042	HHDT	Aggregate	70	Electricity	479390.0522	0
San Joaquii	2042	HHDT	Aggregate	70	Natural Ga	8813.351896	0.001643286
San Joaquii	2042	HHDT	Aggregate	75	Gasoline	1.761252452	0.001110791
San Joaquii	2042	HHDT	Aggregate	75	Diesel	780803.2991	0.034439915
San Joaquii	2042	HHDT	Aggregate	75	Electricity	86583.83652	0
San Joaquii	2042	HHDT	Aggregate	75	Natural Ga	1461.38769	0.001673991
San Joaquii	2042	HHDT	Aggregate	80	Diesel	43742.82677	0.032191022
San Joaquii	2042	HHDT	Aggregate	80	Electricity	11454.93952	0
San Joaquii	2042	HHDT	Aggregate	80	Natural Ga	424.2329334	0.001648124
San Joaquii	2042	HHDT	Aggregate	85	Diesel	4438.615906	0.032885357
San Joaquii	2042	HHDT	Aggregate	85	Electricity	1021.327825	0
San Joaquii	2042	HHDT	Aggregate	85	Natural Ga	32.48833742	0.001640224
San Joaquii	2042	HHDT	Aggregate	90	Diesel	4.418149323	0.034969065
San Joaquii	2042	HHDT	Aggregate	90	Electricity	0.40568382	0
San Joaquii	2042	LHDT2	Aggregate	5	Gasoline	4270.899007	0.002190052
San Joaquii	2042	LHDT2	Aggregate	5	Diesel	7359.332837	0.060682418
San Joaquii	2042	LHDT2	Aggregate	5	Electricity	6303.871961	0
San Joaquii	2042	LHDT2	Aggregate	10	Gasoline	11167.56636	0.001833881
San Joaquii	2042	LHDT2	Aggregate	10	Diesel	24475.91699	0.051515934
San Joaquii	2042	LHDT2	Aggregate	10	Electricity	19208.01005	0
San Joaquii	2042	LHDT2	Aggregate	15	Gasoline	25462.70357	0.001541954
San Joaquii	2042	LHDT2	Aggregate	15	Diesel	53009.67765	0.043733107
San Joaquii	2042	LHDT2	Aggregate	15	Electricity	42337.96937	0
San Joaquii	2042	LHDT2	Aggregate	20	Gasoline	29354.46841	0.001303472
San Joaquii	2042	LHDT2	Aggregate	20	Diesel	58111.52823	0.037072022
San Joaquii	2042	LHDT2	Aggregate	20	Electricity	47247.91928	0
San Joaquii	2042	LHDT2	Aggregate	25	Gasoline	22627.64465	0.001112635
San Joaquii	2042	LHDT2	Aggregate	25	Diesel	62197.4014	0.031385069
San Joaquii	2042	LHDT2	Aggregate	25	Electricity	45484.0351	0
San Joaquii	2042	LHDT2	Aggregate	30	Gasoline	19969.91192	0.000966623
San Joaquii	2042	LHDT2	Aggregate	30	Diesel	52499.88517	0.026586946
San Joaquii	2042	LHDT2	Aggregate	30	Electricity	38896.75236	0
San Joaquii	2042	LHDT2	Aggregate	35	Gasoline	7494.110301	0.000863599
San Joaquii	2042	LHDT2	Aggregate	35	Diesel	27709.00622	0.022627732
San Joaquii	2042	LHDT2	Aggregate	35	Electricity	18766.49606	0
San Joaquii	2042	LHDT2	Aggregate	40	Gasoline	2257.700304	0.000802499
San Joaquii	2042	LHDT2	Aggregate	40	Diesel	15214.1359	0.019478262
San Joaquii	2042	LHDT2	Aggregate	40	Electricity	9228.827752	0
San Joaquii	2042	LHDT2	Aggregate	45	Gasoline	2754.399738	0.000783648
San Joaquii	2042	LHDT2	Aggregate	45	Diesel	16419.9458	0.017122392
San Joaquii	2042	LHDT2	Aggregate	45	Electricity	10144.48906	0
San Joaquii	2042	LHDT2	Aggregate	50	Gasoline	20199.49035	0.000806184
San Joaquii	2042	LHDT2	Aggregate	50	Diesel	63400.83548	0.015553017
San Joaquii	2042	LHDT2	Aggregate	50	Electricity	44703.00137	0
San Joaquii	2042	LHDT2	Aggregate	55	Gasoline	5646.344571	0.000869603
San Joaquii	2042	LHDT2	Aggregate	55	Diesel	38184.28193	0.01477029
San Joaquii	2042	LHDT2	Aggregate	55	Electricity	23150.81722	0
San Joaquii	2042	MHDT	Aggregate	5	Gasoline	3216.055696	0.007676943
San Joaquii	2042	MHDT	Aggregate	5	Diesel	2720.504435	0.007358223
San Joaquii	2042	MHDT	Aggregate	5	Electricity	4992.146723	0
San Joaquii	2042	MHDT	Aggregate	5	Natural Ga	360.141059	0.005004463
San Joaquii	2042	MHDT	Aggregate	10	Gasoline	5708.49275	0.004830322
San Joaquii	2042	MHDT	Aggregate	10	Diesel	37213.81301	0.003926901
San Joaquii	2042	MHDT	Aggregate	10	Electricity	32366.18085	0
San Joaquii	2042	MHDT	Aggregate	10	Natural Ga	960.8974652	0.004578703
San Joaquii	2042	MHDT	Aggregate	15	Gasoline	4306.125911	0.003206249
San Joaquii	2042	MHDT	Aggregate	15	Diesel	66633.56405	0.002679853
San Joaquii	2042	MHDT	Aggregate	15	Electricity	51932.79114	0
San Joaquii	2042	MHDT	Aggregate	15	Natural Ga	1074.412948	0.003746342
San Joaquii	2042	MHDT	Aggregate	20	Gasoline	4526.959415	0.002245199
San Joaquii	2042	MHDT	Aggregate	20	Diesel	88510.2912	0.002087529
San Joaquii	2042	MHDT	Aggregate	20	Electricity	68027.96529	0
San Joaquii	2042	MHDT	Aggregate	20	Natural Ga	1129.212607	0.003010876
San Joaquii	2042	MHDT	Aggregate	25	Gasoline	5366.323493	0.001658618
San Joaquii	2042	MHDT	Aggregate	25	Diesel	120721.3162	0.001746034
San Joaquii	2042	MHDT	Aggregate	25	Electricity	92812.57677	0
San Joaquii	2042	MHDT	Aggregate	25	Natural Ga	1582.451008	0.002370667
San Joaquii	2042	MHDT	Aggregate	30	Gasoline	6395.4844	0.001292623
San Joaquii	2042	MHDT	Aggregate	30	Diesel	169152.7171	0.001627957
San Joaquii	2042	MHDT	Aggregate	30	Electricity	129419.0853	0
San Joaquii	2042	MHDT	Aggregate	30	Natural Ga	2237.820663	0.001843137
San Joaquii	2042	MHDT	Aggregate	35	Gasoline	7016.741114	0.001062755
San Joaquii	2042	MHDT	Aggregate	35	Diesel	210746.765	0.001755931
San Joaquii	2042	MHDT	Aggregate	35	Electricity	160123.3949	0
San Joaquii	2042	MHDT	Aggregate	35	Natural Ga	2835.221034	0.001427006
San Joaquii	2042	MHDT	Aggregate	40	Gasoline	7360.348523	0.00092178
San Joaquii	2042	MHDT	Aggregate	40	Diesel	169089.9663	0.002136704
San Joaquii	2042	MHDT	Aggregate	40	Electricity	128997.5456	0
San Joaquii	2042	MHDT	Aggregate	40	Natural Ga	2586.896813	0.001119844
San Joaquii	2042	MHDT	Aggregate	45	Gasoline	6859.92514	0.000843449
San Joaquii	2042	MHDT	Aggregate	45	Diesel	96235.57356	0.002761559
San Joaquii	2042	MHDT	Aggregate	45	Electricity	74308.62178	0
San Joaquii	2042	MHDT	Aggregate	45	Natural Ga	1848.903755	0.000924612
San Joaquii	2042	MHDT	Aggregate	50	Gasoline	7404.86961	0.000814185

San Joaqui	2042	MHDT	Aggregate	50	Diesel	63423.54463	0.00358829
San Joaqui	2042	MHDT	Aggregate	50	Electricity	49872.4383	0
San Joaqui	2042	MHDT	Aggregate	50	Natural Ga	1252.611289	0.000844149
San Joaqui	2042	MHDT	Aggregate	55	Gasoline	12228.86994	0.000829126
San Joaqui	2042	MHDT	Aggregate	55	Diesel	77390.0653	0.004646633
San Joaqui	2042	MHDT	Aggregate	55	Electricity	62544.77179	0
San Joaqui	2042	MHDT	Aggregate	55	Natural Ga	1471.271427	0.000875747
San Joaqui	2042	MHDT	Aggregate	60	Gasoline	23206.83495	0.000890751
San Joaqui	2042	MHDT	Aggregate	60	Diesel	134318.1699	0.005865229
San Joaqui	2042	MHDT	Aggregate	60	Electricity	100604.1225	0
San Joaqui	2042	MHDT	Aggregate	60	Natural Ga	1905.778597	0.000877614
San Joaqui	2042	MHDT	Aggregate	65	Gasoline	23020.67599	0.001009547
San Joaqui	2042	MHDT	Aggregate	65	Diesel	191312.2783	0.007310979
San Joaqui	2042	MHDT	Aggregate	65	Electricity	123742.6146	0
San Joaqui	2042	MHDT	Aggregate	65	Natural Ga	1569.82228	0.000884677
San Joaqui	2042	MHDT	Aggregate	70	Gasoline	1038.367012	0.00109654
San Joaqui	2042	MHDT	Aggregate	70	Diesel	185118.3349	0.007171932
San Joaqui	2042	MHDT	Aggregate	70	Electricity	86598.18146	0
San Joaqui	2042	MHDT	Aggregate	70	Natural Ga	1032.323395	0.000887362
San Joaqui	2042	MHDT	Aggregate	75	Gasoline	306.4166889	0.00109654
San Joaqui	2042	MHDT	Aggregate	75	Diesel	26494.0605	0.007062997
San Joaqui	2042	MHDT	Aggregate	75	Electricity	11014.75482	0
San Joaqui	2042	MHDT	Aggregate	75	Natural Ga	136.091114	0.000883248
San Joaqui	2042	MHDT	Aggregate	80	Diesel	999.6691841	0.0069864
San Joaqui	2042	MHDT	Aggregate	80	Electricity	365.5486968	0
San Joaqui	2042	MHDT	Aggregate	80	Natural Ga	2.741393415	0.000892224
San Joaqui	2042	MHDT	Aggregate	85	Diesel	84.5037179	0.006717014
San Joaqui	2042	MHDT	Aggregate	85	Electricity	18.9580522	0
San Joaqui	2042	MHDT	Aggregate	90	Diesel	0.106149398	0.006717014
San Joaqui	2042	MHDT	Aggregate	90	Electricity	0.023814169	0

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Air District
Region: San Joaquin Valley Unified APCD
Calendar Year: 2026, 2028, 2030, 2035, 2042
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLO

Region	Calendar Y	Vehicle Cat	Model Year	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	TOG_IDLEX
San Joaquir	2026	HHDT	Aggregate	Aggregate	Gasoline	6.412431	534.9298	128.2999	0	0
San Joaquir	2026	HHDT	Aggregate	Aggregate	Diesel	80105.82	11436007	1385927	0.033009173	7.763596356
San Joaquir	2026	HHDT	Aggregate	Aggregate	Electricity	802.2501	103156.8	13179.04	0	0
San Joaquir	2026	HHDT	Aggregate	Aggregate	Natural Gas	1715.728	107937.3	14650.72	0.029349284	30.62530727
San Joaquir	2026	LHDT2	Aggregate	Aggregate	Gasoline	9110.321	314685.8	135730.2	0	0.615272996
San Joaquir	2026	LHDT2	Aggregate	Aggregate	Diesel	21420.38	767835.8	269441.4	0.027734054	0.124954127
San Joaquir	2026	LHDT2	Aggregate	Aggregate	Electricity	186.2616	11821.91	2470.823	0	0
San Joaquir	2026	MHDT	Aggregate	Aggregate	Gasoline	3855.441	223347.4	77139.67	0	1.478656001
San Joaquir	2026	MHDT	Aggregate	Aggregate	Diesel	37536.36	1755294	451228.4	0.020428371	0.250684251
San Joaquir	2026	MHDT	Aggregate	Aggregate	Electricity	586.3813	33184.06	7357.965	0	0
San Joaquir	2026	MHDT	Aggregate	Aggregate	Natural Gas	400.0801	20266.58	3047.601	0.02496245	17.37726521
San Joaquir	2028	HHDT	Aggregate	Aggregate	Gasoline	4.836111	514.2903	96.7609	0	0
San Joaquir	2028	HHDT	Aggregate	Aggregate	Diesel	83697.64	11740046	1444445	0.0316384	7.70209922
San Joaquir	2028	HHDT	Aggregate	Aggregate	Electricity	1944.281	251553	31529.17	0	0
San Joaquir	2028	HHDT	Aggregate	Aggregate	Natural Gas	1846.174	113059.3	15657.03	0.030515253	28.92383407
San Joaquir	2028	LHDT2	Aggregate	Aggregate	Gasoline	8529.587	291208.9	127078.1	0	0.591759119
San Joaquir	2028	LHDT2	Aggregate	Aggregate	Diesel	20677.94	724626.3	260102.4	0.02783254	0.124954127
San Joaquir	2028	LHDT2	Aggregate	Aggregate	Electricity	501.1974	30260.29	6647.916	0	0
San Joaquir	2028	MHDT	Aggregate	Aggregate	Gasoline	3633.969	212640	72708.45	0	1.484949993
San Joaquir	2028	MHDT	Aggregate	Aggregate	Diesel	38969.23	1782331	469181.7	0.013606794	0.230735781
San Joaquir	2028	MHDT	Aggregate	Aggregate	Electricity	1599.507	89677.19	20039.58	0	0
San Joaquir	2028	MHDT	Aggregate	Aggregate	Natural Gas	436.8724	21227.03	3317.518	0.025403958	17.19835324
San Joaquir	2030	HHDT	Aggregate	Aggregate	Gasoline	3.834388	503.4293	76.71843	0	0
San Joaquir	2030	HHDT	Aggregate	Aggregate	Diesel	86275.03	11986936	1487763	0.030632015	7.674426251
San Joaquir	2030	HHDT	Aggregate	Aggregate	Electricity	3734.678	478497.7	59473.82	0	0
San Joaquir	2030	HHDT	Aggregate	Aggregate	Natural Gas	1933.598	116034.2	16324.85	0.031573241	27.55902109
San Joaquir	2030	LHDT2	Aggregate	Aggregate	Gasoline	7940.539	267975.6	118302.2	0	0.568595868
San Joaquir	2030	LHDT2	Aggregate	Aggregate	Diesel	19800.6	678758.4	249066.6	0.02774574	0.124954127
San Joaquir	2030	LHDT2	Aggregate	Aggregate	Electricity	1014.806	58564.43	13457.81	0	0
San Joaquir	2030	MHDT	Aggregate	Aggregate	Gasoline	3403.141	198536	68090.05	0	1.489620522
San Joaquir	2030	MHDT	Aggregate	Aggregate	Diesel	39512.48	1770639	476194.7	0.009261683	0.218148645
San Joaquir	2030	MHDT	Aggregate	Aggregate	Electricity	3488.118	194279.5	43664.92	0	0
San Joaquir	2030	MHDT	Aggregate	Aggregate	Natural Gas	467.9776	21798.28	3583.233	0.025680679	16.96629668
San Joaquir	2035	HHDT	Aggregate	Aggregate	Gasoline	3.257646	478.7929	65.17899	0	0
San Joaquir	2035	HHDT	Aggregate	Aggregate	Diesel	92360.24	13128397	1604349	0.0297102	7.759000401
San Joaquir	2035	HHDT	Aggregate	Aggregate	Electricity	9934.41	1234515	152588.7	0	0
San Joaquir	2035	HHDT	Aggregate	Aggregate	Natural Gas	2040.185	120817.6	17274.12	0.034499159	25.30394343
San Joaquir	2035	LHDT2	Aggregate	Aggregate	Gasoline	6404.545	209526.2	95418.17	0	0.510866425
San Joaquir	2035	LHDT2	Aggregate	Aggregate	Diesel	17228.93	556620.2	216718.3	0.027337017	0.124954127
San Joaquir	2035	LHDT2	Aggregate	Aggregate	Electricity	3161.148	165979.1	41891.17	0	0
San Joaquir	2035	MHDT	Aggregate	Aggregate	Gasoline	2805.76	158500.4	56137.65	0	1.497420155
San Joaquir	2035	MHDT	Aggregate	Aggregate	Diesel	38124.33	1692856	460900.3	0.004571709	0.204917074
San Joaquir	2035	MHDT	Aggregate	Aggregate	Electricity	11143.82	598852.5	139286.5	0	0
San Joaquir	2035	MHDT	Aggregate	Aggregate	Natural Gas	515.6817	22071.13	4097.901	0.026032594	16.34793117
San Joaquir	2042	HHDT	Aggregate	Aggregate	Gasoline	2.858537	396.2219	57.19362	0	0
San Joaquir	2042	HHDT	Aggregate	Aggregate	Diesel	103211.5	15331138	1830043	0.030292116	8.050190026
San Joaquir	2042	HHDT	Aggregate	Aggregate	Electricity	18675.22	2095435	273309.1	0	0
San Joaquir	2042	HHDT	Aggregate	Aggregate	Natural Gas	2087.731	124696.6	18045.25	0.037962842	24.21637792
San Joaquir	2042	LHDT2	Aggregate	Aggregate	Gasoline	4640.297	151205.2	69133.52	0	0.428852303

San Joaquir	2042	LHDT2	Aggregate	Aggregate	Diesel	13575.23	418581.9	170759.3	0.027264459	0.124954127
San Joaquir	2042	LHDT2	Aggregate	Aggregate	Electricity	6696.236	305472.2	88647.69	0	0
San Joaquir	2042	MHDT	Aggregate	Aggregate	Gasoline	2153.092	117962.5	43079.07	0	1.500901533
San Joaquir	2042	MHDT	Aggregate	Aggregate	Diesel	35150.6	1640165	428473.9	0.002843552	0.199372842
San Joaquir	2042	MHDT	Aggregate	Aggregate	Electricity	23633.32	1177742	294502.2	0	0
San Joaquir	2042	MHDT	Aggregate	Aggregate	Natural Gas	510.465	21986.6	4231.885	0.02626292	15.69623124

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Air District
Region: San Joaquin Valley Unified APCD
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on

	Idle (g/trip)	15 mph (g/mi)	35 mph (g/mi)	65 mph (g/mi)
DPM Weighted Rates	0.001722429	0.022172073	0.009045668	0.032640403
DPM Weighted Rates (Diesel Only)	0.001901222	0.026405411	0.009721764	0.033597991

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	Aggregate	Gasoline	6.412431143	534.9298397	128.2999223	0	0
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	Aggregate	Diesel	80105.81713	11436007.07	1385926.81	0.033009173	2644.226807
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	Aggregate	Electricity	802.2500674	103156.7879	13179.03667	0	0
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	Aggregate	Natural Ga	1715.727715	107937.3167	14650.72129	0.029349284	50.35537944
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	Aggregate	Gasoline	9110.320601	314685.794	135730.2026	0	0
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	Aggregate	Diesel	21420.37856	767835.7723	269441.4155	0.027734054	594.0739258
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	Aggregate	Electricity	186.2615661	11821.90766	2470.822884	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	Aggregate	Gasoline	3855.441282	223347.4471	77139.66916	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	Aggregate	Diesel	37536.35931	1755293.738	451228.3862	0.020428371	766.8066729
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	Aggregate	Electricity	586.3813043	33184.0648	7357.964952	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	Aggregate	Natural Ga	400.0801492	20266.57544	3047.601313	0.02496245	9.986980776

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	15	Gasoline	14.218901	0.004739737	0.067393848
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	15	Diesel	169696.0044	0.009164842	1555.237025
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	15	Electricity	1671.95605	0	0
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	15	Natural Ga	5459.078342	0.00522433	28.52002945
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	15	Gasoline	53000.70528	0.001833476	97.17552955
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	15	Diesel	97816.16672	0.062949783	6157.506438
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	15	Electricity	1649.216065	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	15	Gasoline	8077.986164	0.003090526	24.9652236
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	15	Diesel	74733.00364	0.017721502	1324.381099
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	15	Electricity	1417.026852	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	15	Natural Ga	1013.649066	0.003510133	3.558043305

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	35	Gasoline	28.85641854	0.001751585	0.050544468
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	35	Diesel	251674.7774	0.008330017	2096.455276
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	35	Electricity	2579.646635	0	0
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	35	Natural Ga	6911.498248	0.002839649	19.62623232
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	35	Gasoline	15596.61924	0.000844671	13.17400675
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	35	Diesel	50828.9063	0.030523782	1551.490477
San Joaquin Valley Unified APCD	2026	LHDT2	Aggregate	35	Electricity	724.54741	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	35	Gasoline	13187.35477	0.001033241	13.62571585
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	35	Diesel	235065.5992	0.006713769	1578.176101
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	35	Electricity	4159.582386	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	35	Natural Ga	2504.731697	0.001356234	3.397002113

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	65	Gasoline	111.925192	0.00180886	0.202456949
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	65	Diesel	2929223.749	0.034992051	102499.5478
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	65	Electricity	26046.35529	0	0
San Joaquin Valley Unified APCD	2026	HHDT	Aggregate	65	Natural Ga	19004.79182	0.002067778	39.29769393
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	65	Gasoline	43758.59952	0.000988552	43.25765845
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	65	Diesel	187913.5254	0.011867179	2230.00352
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	65	Electricity	3767.298896	0	0
San Joaquin Valley Unified APCD	2026	MHDT	Aggregate	65	Natural Ga	1330.051925	0.000847466	1.12717372

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Air District

Region: San Joaquin Valley Unified APCD

Calendar Year: 2028

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consu

	Idle (g/trip)	15 mph (g/mi)	35 mph (g/mi)	65 mph (g/mi)
DPM Weighted Rates	0.001559186	0.019111174	0.007691638	0.032054986
DPM Weighted Rates (Diesel Only)	0.001726905	0.02294601	0.008406117	0.033393825

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
San Joaquin Va	2028	HHDT	Aggregate	Aggregate	Gasoline	4.836110681	514.2903431	96.7609025	0	0
San Joaquin Va	2028	HHDT	Aggregate	Aggregate	Diesel	83697.64325	11740046.33	1444445.466	0.0316384	2648.059524
San Joaquin Va	2028	HHDT	Aggregate	Aggregate	Electricity	1944.281089	251553.0209	31529.1654	0	0
San Joaquin Va	2028	HHDT	Aggregate	Aggregate	Natural Ga	1846.174214	113059.3145	15657.03034	0.030515253	56.33647316
San Joaquin Va	2028	LHDT2	Aggregate	Aggregate	Gasoline	8529.587198	291208.8654	127078.1402	0	0
San Joaquin Va	2028	LHDT2	Aggregate	Aggregate	Diesel	20677.93549	724626.2981	260102.4157	0.02783254	575.5194737
San Joaquin Va	2028	LHDT2	Aggregate	Aggregate	Electricity	501.1973859	30260.28857	6647.916485	0	0
San Joaquin Va	2028	MHDT	Aggregate	Aggregate	Gasoline	3633.968932	212640.0191	72708.45039	0	0
San Joaquin Va	2028	MHDT	Aggregate	Aggregate	Diesel	38969.23407	1782331.485	469181.6523	0.013606794	530.246353
San Joaquin Va	2028	MHDT	Aggregate	Aggregate	Electricity	1599.507109	89677.18595	20039.57671	0	0
San Joaquin Va	2028	MHDT	Aggregate	Aggregate	Natural Ga	436.8724336	21227.03166	3317.517671	0.025403958	11.09828915

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2028	HHDT	Aggregate	15	Gasoline	13.6702673	0.003850952	0.052643544
San Joaquin Va	2028	HHDT	Aggregate	15	Diesel	173683.6475	0.00867227	1506.231562
San Joaquin Va	2028	HHDT	Aggregate	15	Electricity	4117.239662	0	0
San Joaquin Va	2028	HHDT	Aggregate	15	Natural Ga	5861.099161	0.004769401	27.95393258
San Joaquin Va	2028	LHDT2	Aggregate	15	Gasoline	49036.38391	0.001737294	85.19062693
San Joaquin Va	2028	LHDT2	Aggregate	15	Diesel	91767.43996	0.058750043	5391.341028
San Joaquin Va	2028	LHDT2	Aggregate	15	Electricity	4204.846846	0	0
San Joaquin Va	2028	MHDT	Aggregate	15	Gasoline	7690.780478	0.003070764	23.61656938
San Joaquin Va	2028	MHDT	Aggregate	15	Diesel	75766.5374	0.012301082	932.0103854
San Joaquin Va	2028	MHDT	Aggregate	15	Electricity	3838.034536	0	0
San Joaquin Va	2028	MHDT	Aggregate	15	Natural Ga	1063.230362	0.003557748	3.78270608

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2028	HHDT	Aggregate	35	Gasoline	27.74290699	0.001350864	0.03747689
San Joaquin Va	2028	HHDT	Aggregate	35	Diesel	257517.7688	0.007800081	2008.659534
San Joaquin Va	2028	HHDT	Aggregate	35	Electricity	6363.485043	0	0
San Joaquin Va	2028	HHDT	Aggregate	35	Natural Ga	7350.335935	0.002524956	18.55927613
San Joaquin Va	2028	LHDT2	Aggregate	35	Gasoline	14433.03954	0.000831299	11.99816734
San Joaquin Va	2028	LHDT2	Aggregate	35	Diesel	47968.32426	0.028809783	1381.957009
San Joaquin Va	2028	LHDT2	Aggregate	35	Electricity	1854.710845	0	0
San Joaquin Va	2028	MHDT	Aggregate	35	Gasoline	12555.40993	0.001021751	12.828501
San Joaquin Va	2028	MHDT	Aggregate	35	Diesel	238590.9114	0.004958103	1182.958357
San Joaquin Va	2028	MHDT	Aggregate	35	Electricity	11450.23542	0	0
San Joaquin Va	2028	MHDT	Aggregate	35	Natural Ga	2615.91914	0.001369742	3.583135299

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2028	HHDT	Aggregate	65	Gasoline	107.6067421	0.001343078	0.144524195
San Joaquin Va	2028	HHDT	Aggregate	65	Diesel	3008529.863	0.034850788	104849.635
San Joaquin Va	2028	HHDT	Aggregate	65	Electricity	63404.8574	0	0
San Joaquin Va	2028	HHDT	Aggregate	65	Natural Ga	19503.51483	0.001923583	37.51662034
San Joaquin Va	2028	MHDT	Aggregate	65	Gasoline	41660.79875	0.000973687	40.5645761
San Joaquin Va	2028	MHDT	Aggregate	65	Diesel	191447.8705	0.010498217	2009.861222
San Joaquin Va	2028	MHDT	Aggregate	65	Electricity	10068.27556	0	0
San Joaquin Va	2028	MHDT	Aggregate	65	Natural Ga	1385.57705	0.000854253	1.183633664

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Air District

Region: San Joaquin Valley Unified APCD

Calendar Year: 2030

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consu

	Idle (g/trip)	15 mph (g/mi)	35 mph (g/mi)	65 mph (g/mi)
DPM Weighted Rates	0.001431855	0.016503554	0.006599625	0.031388641
DPM Weighted Rates (Diesel Only)	0.001607806	0.020230027	0.00744731	0.033305132

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
San Joaquin Va	2030	HHDT	Aggregate	Aggregate	Gasoline	3.834387988	503.4292619	76.71843487	0	0
San Joaquin Va	2030	HHDT	Aggregate	Aggregate	Diesel	86275.0315	11986935.89	1487762.755	0.030632015	2642.778071
San Joaquin Va	2030	HHDT	Aggregate	Aggregate	Electricity	3734.678208	478497.7029	59473.82313	0	0
San Joaquin Va	2030	HHDT	Aggregate	Aggregate	Natural Ga	1933.597622	116034.2441	16324.8481	0.031573241	61.04994384
San Joaquin Va	2030	LHDT2	Aggregate	Aggregate	Gasoline	7940.5394	267975.5917	118302.2057	0	0
San Joaquin Va	2030	LHDT2	Aggregate	Aggregate	Diesel	19800.59582	678758.3662	249066.5863	0.02774574	549.3821813
San Joaquin Va	2030	LHDT2	Aggregate	Aggregate	Electricity	1014.806497	58564.42933	13457.80868	0	0
San Joaquin Va	2030	MHDT	Aggregate	Aggregate	Gasoline	3403.14148	198536.0319	68090.05474	0	0
San Joaquin Va	2030	MHDT	Aggregate	Aggregate	Diesel	39512.47962	1770639.365	476194.7032	0.009261683	365.9520799
San Joaquin Va	2030	MHDT	Aggregate	Aggregate	Electricity	3488.11813	194279.5051	43664.91657	0	0
San Joaquin Va	2030	MHDT	Aggregate	Aggregate	Natural Ga	467.9776334	21798.2752	3583.233366	0.025680679	12.01798344

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2030	HHDT	Aggregate	15	Gasoline	13.38158223	0.003244631	0.043418294
San Joaquin Va	2030	HHDT	Aggregate	15	Diesel	176657.7654	0.008227431	1453.439635
San Joaquin Va	2030	HHDT	Aggregate	15	Electricity	7996.339974	0	0
San Joaquin Va	2030	HHDT	Aggregate	15	Natural Ga	6125.49986	0.004475479	27.41454674
San Joaquin Va	2030	LHDT2	Aggregate	15	Gasoline	45124.57506	0.001656812	74.76291491
San Joaquin Va	2030	LHDT2	Aggregate	15	Diesel	85958.68466	0.054883437	4717.708071
San Joaquin Va	2030	LHDT2	Aggregate	15	Electricity	8136.361843	0	0
San Joaquin Va	2030	MHDT	Aggregate	15	Gasoline	7180.713756	0.003082074	22.13149341
San Joaquin Va	2030	MHDT	Aggregate	15	Diesel	75070.45491	0.008795305	660.2675538
San Joaquin Va	2030	MHDT	Aggregate	15	Electricity	8353.877933	0	0
San Joaquin Va	2030	MHDT	Aggregate	15	Natural Ga	1091.152072	0.003598327	3.926322068

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2030	HHDT	Aggregate	35	Gasoline	27.15709897	0.001075469	0.029206622
San Joaquin Va	2030	HHDT	Aggregate	35	Diesel	261691.7686	0.007334113	1919.277034
San Joaquin Va	2030	HHDT	Aggregate	35	Electricity	12400.31684	0	0
San Joaquin Va	2030	HHDT	Aggregate	35	Natural Ga	7623.013148	0.002316704	17.66026278
San Joaquin Va	2030	LHDT2	Aggregate	35	Gasoline	13281.54056	0.000820855	10.90222459
San Joaquin Va	2030	LHDT2	Aggregate	35	Diesel	44931.98976	0.027224139	1223.234747
San Joaquin Va	2030	LHDT2	Aggregate	35	Electricity	3590.130423	0	0
San Joaquin Va	2030	MHDT	Aggregate	35	Gasoline	11722.85017	0.001022415	11.98561922
San Joaquin Va	2030	MHDT	Aggregate	35	Diesel	236560.5419	0.003816148	902.7500197
San Joaquin Va	2030	MHDT	Aggregate	35	Electricity	25143.42989	0	0
San Joaquin Va	2030	MHDT	Aggregate	35	Natural Ga	2692.807447	0.00138186	3.721083633

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2030	HHDT	Aggregate	65	Gasoline	105.3342262	0.001021636	0.107613227
San Joaquin Va	2030	HHDT	Aggregate	65	Diesel	3073792.446	0.034782863	106915.3016
San Joaquin Va	2030	HHDT	Aggregate	65	Electricity	120046.6798	0	0
San Joaquin Va	2030	HHDT	Aggregate	65	Natural Ga	19710.10371	0.001824945	35.9698646
San Joaquin Va	2030	MHDT	Aggregate	65	Gasoline	38897.53439	0.000971852	37.80264074
San Joaquin Va	2030	MHDT	Aggregate	65	Diesel	191267.1256	0.009556989	1827.937838
San Joaquin Va	2030	MHDT	Aggregate	65	Electricity	21559.62877	0	0
San Joaquin Va	2030	MHDT	Aggregate	65	Natural Ga	1427.705423	0.000860548	1.228608735

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Air District

Region: San Joaquin Valley Unified APCD

Calendar Year: 2035

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consu

	Idle (g/trip)	15 mph (g/mi)	35 mph (g/mi)	65 mph (g/mi)
DPM Weighted Rates	0.001245418	0.011684801	0.004722297	0.029564812
DPM Weighted Rates (Diesel Only)	0.001485263	0.015567389	0.005991312	0.033075428

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
San Joaquin Va	2035	HHDT	Aggregate	Aggregate	Gasoline	3.25764622	478.7928661	65.17898556	0	0
San Joaquin Va	2035	HHDT	Aggregate	Aggregate	Diesel	92360.24316	13128397.03	1604348.587	0.0297102	2744.041279
San Joaquin Va	2035	HHDT	Aggregate	Aggregate	Electricity	9934.40996	1234515.425	152588.731	0	0
San Joaquin Va	2035	HHDT	Aggregate	Aggregate	Natural Ga	2040.185434	120817.5545	17274.11892	0.034499159	70.38468222
San Joaquin Va	2035	LHDT2	Aggregate	Aggregate	Gasoline	6404.544727	209526.1745	95418.17366	0	0
San Joaquin Va	2035	LHDT2	Aggregate	Aggregate	Diesel	17228.93449	556620.1958	216718.3219	0.027337017	470.9876713
San Joaquin Va	2035	LHDT2	Aggregate	Aggregate	Electricity	3161.148276	165979.1314	41891.1702	0	0
San Joaquin Va	2035	MHDT	Aggregate	Aggregate	Gasoline	2805.76014	158500.4278	56137.64888	0	0
San Joaquin Va	2035	MHDT	Aggregate	Aggregate	Diesel	38124.33094	1692856.235	460900.2862	0.004571709	174.2933501
San Joaquin Va	2035	MHDT	Aggregate	Aggregate	Electricity	11143.8153	598852.5285	139286.4987	0	0
San Joaquin Va	2035	MHDT	Aggregate	Aggregate	Natural Ga	515.681749	22071.12873	4097.900696	0.026032594	13.42453348

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2035	HHDT	Aggregate	15	Gasoline	12.7267104	0.003179738	0.040467605
San Joaquin Va	2035	HHDT	Aggregate	15	Diesel	190435.8915	0.007247969	1380.273524
San Joaquin Va	2035	HHDT	Aggregate	15	Electricity	21382.13686	0	0
San Joaquin Va	2035	HHDT	Aggregate	15	Natural Ga	6445.939284	0.004149267	26.74592569
San Joaquin Va	2035	LHDT2	Aggregate	15	Gasoline	35283.02655	0.001539245	54.30920664
San Joaquin Va	2035	LHDT2	Aggregate	15	Diesel	70490.9884	0.049176877	3466.526639
San Joaquin Va	2035	LHDT2	Aggregate	15	Electricity	23038.30881	0	0
San Joaquin Va	2035	MHDT	Aggregate	15	Gasoline	5732.775208	0.003134416	17.96890508
San Joaquin Va	2035	MHDT	Aggregate	15	Diesel	70797.24353	0.004481507	317.2783298
San Joaquin Va	2035	MHDT	Aggregate	15	Electricity	26055.51148	0	0
San Joaquin Va	2035	MHDT	Aggregate	15	Natural Ga	1097.014127	0.003676273	4.032923426

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2035	HHDT	Aggregate	35	Gasoline	25.82799845	0.00105396	0.027221679
San Joaquin Va	2035	HHDT	Aggregate	35	Diesel	280890.0018	0.006383674	1793.110286
San Joaquin Va	2035	HHDT	Aggregate	35	Electricity	33310.5294	0	0
San Joaquin Va	2035	HHDT	Aggregate	35	Natural Ga	7952.375357	0.00205656	16.35453621
San Joaquin Va	2035	LHDT2	Aggregate	35	Gasoline	10384.64157	0.000820202	8.517508599
San Joaquin Va	2035	LHDT2	Aggregate	35	Diesel	36846.76932	0.024956213	919.555827
San Joaquin Va	2035	LHDT2	Aggregate	35	Electricity	10183.33833	0	0
San Joaquin Va	2035	MHDT	Aggregate	35	Gasoline	9359.261509	0.001038951	9.723811475
San Joaquin Va	2035	MHDT	Aggregate	35	Diesel	223390.5614	0.002369825	529.3965768
San Joaquin Va	2035	MHDT	Aggregate	35	Electricity	79586.9723	0	0
San Joaquin Va	2035	MHDT	Aggregate	35	Natural Ga	2769.513192	0.001405674	3.89303311

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2035	HHDT	Aggregate	65	Gasoline	100.1794879	0.001001203	0.100299999
San Joaquin Va	2035	HHDT	Aggregate	65	Diesel	3376128.282	0.034459529	116339.7916
San Joaquin Va	2035	HHDT	Aggregate	65	Electricity	307732.3767	0	0
San Joaquin Va	2035	HHDT	Aggregate	65	Natural Ga	20346.45215	0.001689033	34.3658246
San Joaquin Va	2035	MHDT	Aggregate	65	Gasoline	31053.70985	0.000986926	30.64772598
San Joaquin Va	2035	MHDT	Aggregate	65	Diesel	187789.1178	0.008191636	1538.30005
San Joaquin Va	2035	MHDT	Aggregate	65	Electricity	64716.8939	0	0
San Joaquin Va	2035	MHDT	Aggregate	65	Natural Ga	1487.125072	0.000873225	1.298594955

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Air District

Region: San Joaquin Valley Unified APCD

Calendar Year: 2042

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consu

	Idle (g/trip)	15 mph (g/mi)	35 mph (g/mi)	65 mph (g/mi)
DPM Weighted Rates	0.001145624	0.007995051	0.003566994	0.02793024
DPM Weighted Rates (Diesel Only)	0.00148051	0.011784908	0.00520173	0.032549666

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
San Joaquin Va	2042	HHDT	Aggregate	Aggregate	Gasoline	2.858537416	396.2218862	57.19361662	0	0
San Joaquin Va	2042	HHDT	Aggregate	Aggregate	Diesel	103211.4906	15331138.01	1830042.775	0.030292116	3126.494496
San Joaquin Va	2042	HHDT	Aggregate	Aggregate	Electricity	18675.21882	2095435.279	273309.1358	0	0
San Joaquin Va	2042	HHDT	Aggregate	Aggregate	Natural Ga	2087.73127	124696.5794	18045.24529	0.037962842	79.25621166
San Joaquin Va	2042	LHDT2	Aggregate	Aggregate	Gasoline	4640.297343	151205.2392	69133.51636	0	0
San Joaquin Va	2042	LHDT2	Aggregate	Aggregate	Diesel	13575.23259	418581.9476	170759.3483	0.027264459	370.1213701
San Joaquin Va	2042	LHDT2	Aggregate	Aggregate	Electricity	6696.236396	305472.1896	88647.68674	0	0
San Joaquin Va	2042	MHDT	Aggregate	Aggregate	Gasoline	2153.092419	117962.4906	43079.07312	0	0
San Joaquin Va	2042	MHDT	Aggregate	Aggregate	Diesel	35150.59512	1640165.243	428473.9113	0.002843552	99.95255427
San Joaquin Va	2042	MHDT	Aggregate	Aggregate	Electricity	23633.3179	1177741.722	294502.2005	0	0
San Joaquin Va	2042	MHDT	Aggregate	Aggregate	Natural Ga	510.4650216	21986.59685	4231.885204	0.02626292	13.40630223

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2042	HHDT	Aggregate	15	Gasoline	10.53190067	0.003247916	0.034206725
San Joaquin Va	2042	HHDT	Aggregate	15	Diesel	215772.3811	0.006747835	1455.996319
San Joaquin Va	2042	HHDT	Aggregate	15	Electricity	37744.358	0	0
San Joaquin Va	2042	HHDT	Aggregate	15	Natural Ga	6562.80975	0.004008926	26.30981619
San Joaquin Va	2042	LHDT2	Aggregate	15	Gasoline	25462.70357	0.001541954	39.26230824
San Joaquin Va	2042	LHDT2	Aggregate	15	Diesel	53009.67765	0.043733107	2318.277886
San Joaquin Va	2042	LHDT2	Aggregate	15	Electricity	42337.96937	0	0
San Joaquin Va	2042	MHDT	Aggregate	15	Gasoline	4306.125911	0.003206249	13.80651395
San Joaquin Va	2042	MHDT	Aggregate	15	Diesel	66633.56405	0.002679853	178.5681531
San Joaquin Va	2042	MHDT	Aggregate	15	Electricity	51932.79114	0	0
San Joaquin Va	2042	MHDT	Aggregate	15	Natural Ga	1074.412948	0.003746342	4.025118124

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2042	HHDT	Aggregate	35	Gasoline	21.37375594	0.001076563	0.023010195
San Joaquin Va	2042	HHDT	Aggregate	35	Diesel	316233.9783	0.005971205	1888.297879
San Joaquin Va	2042	HHDT	Aggregate	35	Electricity	59299.87865	0	0
San Joaquin Va	2042	HHDT	Aggregate	35	Natural Ga	8065.736026	0.001930663	15.57222056
San Joaquin Va	2042	LHDT2	Aggregate	35	Gasoline	7494.110301	0.000863599	6.471906028
San Joaquin Va	2042	LHDT2	Aggregate	35	Diesel	27709.00622	0.022627732	626.9919594
San Joaquin Va	2042	LHDT2	Aggregate	35	Electricity	18766.49606	0	0
San Joaquin Va	2042	MHDT	Aggregate	35	Gasoline	7016.741114	0.001062755	7.457078885
San Joaquin Va	2042	MHDT	Aggregate	35	Diesel	210746.765	0.001755931	370.0567162
San Joaquin Va	2042	MHDT	Aggregate	35	Electricity	160123.3949	0	0
San Joaquin Va	2042	MHDT	Aggregate	35	Natural Ga	2835.221034	0.001427006	4.045877216

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Joaquin Va	2042	HHDT	Aggregate	65	Gasoline	82.90288206	0.001022668	0.084782124
San Joaquin Va	2042	HHDT	Aggregate	65	Diesel	3964273.734	0.033767662	133864.2556
San Joaquin Va	2042	HHDT	Aggregate	65	Electricity	519724.1718	0	0
San Joaquin Va	2042	HHDT	Aggregate	65	Natural Ga	21282.80303	0.001626441	34.61522215
San Joaquin Va	2042	MHDT	Aggregate	65	Gasoline	23020.67599	0.001009547	23.24045664
San Joaquin Va	2042	MHDT	Aggregate	65	Diesel	191312.2783	0.007310979	1398.679977
San Joaquin Va	2042	MHDT	Aggregate	65	Electricity	123742.6146	0	0
San Joaquin Va	2042	MHDT	Aggregate	65	Natural Ga	1569.82228	0.000884677	1.388785462

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Air District
Region: San Joaquin Valley Unified APCD
Calendar Year: 2026, 2028, 2035, 2042
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total \

Idle (g/trip)
TOG Weighted Rates 0.00271522

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	TOG_IDLEX	
San Joaqui	2026	LDA	Aggregate	Aggregate	Gasoline	1402026	55931893.95	6482877	0	0
San Joaqui	2026	LDA	Aggregate	Aggregate	Diesel	3072.686	95891.90689	13032.35	0	0
San Joaqui	2026	LDA	Aggregate	Aggregate	Electricity	78365.62	3780283.086	389747.1	0	0
San Joaqui	2026	LDA	Aggregate	Aggregate	Plug-in Hyb	43863.31	2044576.125	181374.8	0	0
San Joaqui	2026	LDT1	Aggregate	Aggregate	Gasoline	125594.1	4155077.417	540003.4	0	0
San Joaqui	2026	LDT1	Aggregate	Aggregate	Diesel	54.83765	667.491678	151.8567	0	0
San Joaqui	2026	LDT1	Aggregate	Aggregate	Electricity	305.2154	15058.44397	1525.01	0	0
San Joaqui	2026	LDT1	Aggregate	Aggregate	Plug-in Hyb	276.0966	14026.73414	1141.659	0	0
San Joaqui	2026	LDT2	Aggregate	Aggregate	Gasoline	657762.1	26022332.2	3050504	0	0
San Joaqui	2026	LDT2	Aggregate	Aggregate	Diesel	1964.011	83400.67535	9364.172	0	0
San Joaqui	2026	LDT2	Aggregate	Aggregate	Electricity	5708.022	201450.4078	28892.22	0	0
San Joaqui	2026	LDT2	Aggregate	Aggregate	Plug-in Hyb	6465.128	312612.1272	26733.31	0	0
San Joaqui	2026	LHDT1	Aggregate	Aggregate	Gasoline	58280.18	2107026.542	868287.8	0.60620324	35329.63
San Joaqui	2026	LHDT1	Aggregate	Aggregate	Diesel	55699.3	1946360.675	700627.1	0.124954127	6959.857
San Joaqui	2026	LHDT1	Aggregate	Aggregate	Electricity	740.3525	49281.27226	10369.65	0	0
San Joaqui	2026	MCY	Aggregate	Aggregate	Gasoline	71452.62	391442.1791	142905.2	0	0
San Joaqui	2026	MDV	Aggregate	Aggregate	Gasoline	584357.6	20703219.78	2628066	0	0
San Joaqui	2026	MDV	Aggregate	Aggregate	Diesel	8975.524	329082.4265	41002.99	0	0
San Joaqui	2026	MDV	Aggregate	Aggregate	Electricity	6233.418	219498.2442	31529.59	0	0
San Joaqui	2026	MDV	Aggregate	Aggregate	Plug-in Hyb	4639.727	215594.4968	19185.27	0	0
San Joaqui	2028	LDA	Aggregate	Aggregate	Gasoline	1411983	56445226.77	6525852	0	0
San Joaqui	2028	LDA	Aggregate	Aggregate	Diesel	2537.306	80266.45463	10868.37	0	0
San Joaqui	2028	LDA	Aggregate	Aggregate	Electricity	98602.18	4629130.075	485768.7	0	0
San Joaqui	2028	LDA	Aggregate	Aggregate	Plug-in Hyb	49971.84	2270993.974	206633.6	0	0
San Joaqui	2028	LDT1	Aggregate	Aggregate	Gasoline	120136.7	4026824.897	518385.4	0	0
San Joaqui	2028	LDT1	Aggregate	Aggregate	Diesel	18.19655	241.9687357	50.79614	0	0
San Joaqui	2028	LDT1	Aggregate	Aggregate	Electricity	514.6753	25448.28913	2574.606	0	0
San Joaqui	2028	LDT1	Aggregate	Aggregate	Plug-in Hyb	452.6933	22483.28662	1871.887	0	0
San Joaqui	2028	LDT2	Aggregate	Aggregate	Gasoline	689476.9	27276780.48	3195483	0	0
San Joaqui	2028	LDT2	Aggregate	Aggregate	Diesel	2167.094	91416.83325	10322.79	0	0
San Joaqui	2028	LDT2	Aggregate	Aggregate	Electricity	8589.242	294778.0545	43069.05	0	0
San Joaqui	2028	LDT2	Aggregate	Aggregate	Plug-in Hyb	8580.465	402700.1515	35480.22	0	0
San Joaqui	2028	LHDT1	Aggregate	Aggregate	Gasoline	55835.83	2026219.249	831870.6	0.578107099	32279.09
San Joaqui	2028	LHDT1	Aggregate	Aggregate	Diesel	52164.64	1790975.47	656165.5	0.124954127	6518.187
San Joaqui	2028	LHDT1	Aggregate	Aggregate	Electricity	2011.64	126986.5612	28199.11	0	0
San Joaqui	2028	MCY	Aggregate	Aggregate	Gasoline	70765.9	386094.9792	141531.8	0	0
San Joaqui	2028	MDV	Aggregate	Aggregate	Gasoline	568173.5	20119491.31	2550388	0	0
San Joaqui	2028	MDV	Aggregate	Aggregate	Diesel	8601.674	306974.0474	39017.86	0	0
San Joaqui	2028	MDV	Aggregate	Aggregate	Electricity	9103.305	311022.3504	45581.96	0	0
San Joaqui	2028	MDV	Aggregate	Aggregate	Plug-in Hyb	5936.992	269437.5108	24549.46	0	0

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** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/3/2025
** File: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Construction\Construction.ADI
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** AERMOD Control Pathway
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   AVERTIME 1 PERIOD
   URBANOPT 67679 City_of_Lodi
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Construction.err
CO FINISHED
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** AERMOD Source Pathway
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** Source ID - Type - X Coord. - Y Coord. **
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** DESCRSRC
** PREFIX
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** Configuration = Adjacent
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** LINE VOLUME Source ID = HAUL
** DESCRSRC
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   SRCPARAM L0001706     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001707     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001708     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001709     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001710     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001711     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001712     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001713     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001714     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001715     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001716     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001717     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001718     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001719     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001720     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001721     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001722     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001723     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001724     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001725     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001726     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001727     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001728     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001729     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001730     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001731     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001732     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001733     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001734     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001735     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001736     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001737     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001738     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001739     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001740     0.0030864198      3.89      4.92      3.62
   SRCPARAM L0001741     0.0030864198      3.89      4.92      3.62
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL
   SRCPARAM L0001271     0.0068027211      5.00      3.95      4.65
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SRCPARAM L0001272     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001273     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001274     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001275     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001276     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001277     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001278     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001279     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001280     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001281     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001282     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001283     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001284     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001285     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001286     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001287     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001288     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001289     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001290     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001291     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001292     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001293     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001294     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001295     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001296     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001297     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001298     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001299     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001300     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001301     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001302     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001303     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001304     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001305     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001306     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001307     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001308     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001309     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001310     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001311     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001312     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001313     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001314     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001315     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001316     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001317     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001318     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001319     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001320     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001321     0.0068027211      5.00      3.95      4.65
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SRCPARAM L0001322     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001323     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001324     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001325     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001326     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001327     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001328     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001329     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001330     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001331     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001332     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001333     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001334     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001335     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001336     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001337     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001338     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001339     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001340     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001341     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001342     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001343     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001344     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001345     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001346     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001347     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001348     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001349     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001350     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001351     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001352     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001353     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001354     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001355     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001356     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001357     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001358     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001359     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001360     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001361     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001362     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001363     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001364     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001365     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001366     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001367     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001368     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001369     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001370     0.0068027211      5.00      3.95      4.65
SRCPARAM L0001371     0.0068027211      5.00      3.95      4.65
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   SRCPARAM L0001373     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001374     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001375     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001376     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001377     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001378     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001379     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001380     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001381     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001382     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001383     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001384     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001385     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001386     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001387     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001388     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001389     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001390     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001391     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001392     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001393     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001394     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001395     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001396     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001397     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001398     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001399     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001400     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001401     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001402     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001403     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001404     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001405     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001406     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001407     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001408     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001409     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001410     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001411     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001412     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001413     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001414     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001415     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001416     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001417     0.0068027211      5.00      3.95      4.65
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
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** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001418     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001419     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001419     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001420     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001420     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001421     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001421     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001422     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001422     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001423     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001423     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001424     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001424     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001425     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001425     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001426     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001426     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001427     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001427     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001428     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001428     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001429     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001430     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001430     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001431     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001431     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001432     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001432     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001433     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001433     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001434     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001434     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001435     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001435     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001436     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001436     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001437     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001437     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001438     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001438     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001439     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001439     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001439     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0001703     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001703     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001706     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001706     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0001272     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0001297     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   SRCGROUP ONSITE   L0001736 L0001737 L0001738 L0001739 L0001740 L0001741
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Construction.rou
RE FINISHED
**
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** AERMOD Meteorology Pathway
**************************************
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ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Construction\Met
Data\
   SURFFILE "Met Data\Lodi Maverik.SFC"
** Profile File Path: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Construction\Met
Data\
   PROFFILE "Met Data\Lodi Maverik.PFL"
   SURFDATA 23237 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 8.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\Projects\Lodi
Maverik\Construction\CONSTRUCTION.AD\01H1GALL.PLT" 31
   PLOTFILE 1 HAUL 1ST "C:\Lakes\AERMOD View\Projects\Lodi
Maverik\Construction\CONSTRUCTION.AD\01H1G001.PLT" 32
   PLOTFILE 1 ONSITE 1ST "C:\Lakes\AERMOD View\Projects\Lodi
Maverik\Construction\CONSTRUCTION.AD\01H1G002.PLT" 33
   PLOTFILE PERIOD ALL "C:\Lakes\AERMOD View\Projects\Lodi
Maverik\Construction\CONSTRUCTION.AD\PE00GALL.PLT" 34
   PLOTFILE PERIOD HAUL "C:\Lakes\AERMOD View\Projects\Lodi
Maverik\Construction\CONSTRUCTION.AD\PE00G001.PLT" 35
   PLOTFILE PERIOD ONSITE "C:\Lakes\AERMOD View\Projects\Lodi
Maverik\Construction\CONSTRUCTION.AD\PE00G002.PLT" 36
   SUMMFILE "C:\Lakes\AERMOD View\Projects\Lodi
Maverik\Construction\Construction.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
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** ZONE     10
** ZONEINX  0
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 12.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 1/3/2025
** FILE: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\CONSTRUCTION\CONSTRUCTION.ADI
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** AERMOD CONTROL PATHWAY
**************************************
**
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CO STARTING
   TITLEONE LODI MAVERIK_CONSTRUCTION
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 67679 CITY_OF_LODI
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL CONSTRUCTION.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = ONSITE
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 10.57
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 7.77
** SZINIT = 3.62
** NODES = 24
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** 653075.136, 4220114.617, 16.64, 3.89, 4.92
** 652864.719, 4220120.588, 16.64, 3.89, 4.92
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** 653207.462, 4220027.954, 16.60, 3.89, 4.92
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** 652867.560, 4220021.014, 16.79, 3.89, 4.92
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   LOCATION L0001421     VOLUME   652900.573 4220129.079 16.64
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   LOCATION L0001423     VOLUME   652921.711 4220128.569 16.64
   LOCATION L0001424     VOLUME   652932.280 4220128.314 16.64
   LOCATION L0001425     VOLUME   652942.849 4220128.059 16.64
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   LOCATION L0001437     VOLUME   653069.676 4220124.999 16.64
   LOCATION L0001438     VOLUME   653075.453 4220120.319 16.64
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   LOCATION L0001445     VOLUME   653006.871 4220116.554 16.64
   LOCATION L0001446     VOLUME   652996.303 4220116.854 16.64
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LOCATION L0001450 VOLUME 652954.032 4220118.053 16.64
LOCATION L0001451 VOLUME 652943.465 4220118.353 16.64
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LOCATION L0001453 VOLUME 652922.329 4220118.953 16.64
LOCATION L0001454 VOLUME 652911.761 4220119.253 16.64
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** END OF LINE VOLUME SOURCE ID = ONSITE
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = HAUL
** DESCRSRC
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   LOCATION L0001297     VOLUME   652595.332 4219294.928 20.02
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** SOURCE PARAMETERS **
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   SRCPARAM L0001411     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001412     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001413     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001414     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001415     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001416     0.0068027211      5.00      3.95      4.65
   SRCPARAM L0001417     0.0068027211      5.00      3.95      4.65
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
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** VARIABLE EMISSION SCENARIO: "SCENARIO 2"
** WEEKDAYS:
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001418     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001419     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001419     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001421     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001421     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001423     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001740     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001740     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0001741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001741     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001741     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
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   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001271     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001271     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0001271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001272     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001272     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0001272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001273     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001273     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001274     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001274     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001276     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001276     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001278     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001278     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001279     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001404     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001407     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001407     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001408     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001409     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001409     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SATURDAY:
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   EMISFACT L0001274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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   EMISFACT L0001272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP ONSITE   L0001658 L0001659 L0001660 L0001661 L0001662 L0001663
   SRCGROUP ONSITE   L0001664 L0001665 L0001666 L0001667 L0001668 L0001669
   SRCGROUP ONSITE   L0001670 L0001671 L0001672 L0001673 L0001674 L0001675
   SRCGROUP ONSITE   L0001676 L0001677 L0001678 L0001679 L0001680 L0001681
   SRCGROUP ONSITE   L0001682 L0001683 L0001684 L0001685 L0001686 L0001687
   SRCGROUP ONSITE   L0001688 L0001689 L0001690 L0001691 L0001692 L0001693
   SRCGROUP ONSITE   L0001694 L0001695 L0001696 L0001697 L0001698 L0001699
   SRCGROUP ONSITE   L0001700 L0001701 L0001702 L0001703 L0001704 L0001705
   SRCGROUP ONSITE   L0001706 L0001707 L0001708 L0001709 L0001710 L0001711
   SRCGROUP ONSITE   L0001712 L0001713 L0001714 L0001715 L0001716 L0001717
   SRCGROUP ONSITE   L0001718 L0001719 L0001720 L0001721 L0001722 L0001723
   SRCGROUP ONSITE   L0001724 L0001725 L0001726 L0001727 L0001728 L0001729
   SRCGROUP ONSITE   L0001730 L0001731 L0001732 L0001733 L0001734 L0001735
   SRCGROUP ONSITE   L0001736 L0001737 L0001738 L0001739 L0001740 L0001741
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED CONSTRUCTION.ROU
RE FINISHED
**
```

```
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\CONSTRUCTION\MET
DATA\
   SURFFILE METDAT~1\LODIMA~1.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\CONSTRUCTION\MET
DATA\
   PROFFILE METDAT~1\LODIMA~1.PFL
   SURFDATA 23237 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 8.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI
MAVERIK\CONSTRUCTION\CONSTRUCTION.AD\01H1GALL.PLT" 31
   PLOTFILE   1 HAUL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI
MAVERIK\CONSTRUCTION\CONSTRUCTION.AD\01H1G001.PLT" 32
   PLOTFILE   1 ONSITE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI
MAVERIK\CONSTRUCTION\CONSTRUCTION.AD\01H1G002.PLT" 33
   PLOTFILE   PERIOD ALL "C:\LAKES\AERMOD VIEW\PROJECTS\LODI
MAVERIK\CONSTRUCTION\CONSTRUCTION.AD\PE00GALL.PLT" 34
   PLOTFILE   PERIOD HAUL "C:\LAKES\AERMOD VIEW\PROJECTS\LODI
MAVERIK\CONSTRUCTION\CONSTRUCTION.AD\PE00G001.PLT" 35
   PLOTFILE   PERIOD ONSITE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI
MAVERIK\CONSTRUCTION\CONSTRUCTION.AD\PE00G002.PLT" 36
   SUMMFILE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI
MAVERIK\CONSTRUCTION\CONSTRUCTION.SUM"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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


   ********   WARNING MESSAGES   ********
 ME W187    6814       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                           ***        15:25:48

                                    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   471 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =     67679.0 ;  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:   1-HR
```

```
     and Calculates PERIOD Averages

 **This Run Includes:    471 Source(s);       3 Source Group(s); and     568
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    471 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:  21112

 **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) =     8.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.1 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   CONSTRUCTION.ERR

 **File for Summary of Results:   C:\LAKES\AERMOD VIEW\PROJECTS\LODI
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001418	0	0.30864E-02	652868.9	4220129.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001419	0	0.30864E-02	652879.4	4220129.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001420	0	0.30864E-02	652890.0	4220129.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001421	0	0.30864E-02	652900.6	4220129.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001422	0	0.30864E-02	652911.1	4220128.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001423	0	0.30864E-02	652921.7	4220128.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001424	0	0.30864E-02	652932.3	4220128.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001425	0	0.30864E-02	652942.8	4220128.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001426	0	0.30864E-02	652953.4	4220127.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001427	0	0.30864E-02	652964.0	4220127.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001428	0	0.30864E-02	652974.6	4220127.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001429	0	0.30864E-02	652985.1	4220127.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001430	0	0.30864E-02	652995.7	4220126.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001431	0	0.30864E-02	653006.3	4220126.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001432	0	0.30864E-02	653016.8	4220126.3	16.6	3.89	4.92			

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3.62     YES   HRDOW
 L0001433         0   0.30864E-02  653027.4 4220126.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001434         0   0.30864E-02  653038.0 4220125.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001435         0   0.30864E-02  653048.5 4220125.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001436         0   0.30864E-02  653059.1 4220125.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001437         0   0.30864E-02  653069.7 4220125.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001438         0   0.30864E-02  653075.5 4220120.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001439         0   0.30864E-02  653070.3 4220114.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001440         0   0.30864E-02  653059.7 4220115.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001441         0   0.30864E-02  653049.1 4220115.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001442         0   0.30864E-02  653038.6 4220115.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001443         0   0.30864E-02  653028.0 4220116.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001444         0   0.30864E-02  653017.4 4220116.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001445         0   0.30864E-02  653006.9 4220116.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001446         0   0.30864E-02  652996.3 4220116.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001447         0   0.30864E-02  652985.7 4220117.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001448         0   0.30864E-02  652975.2 4220117.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001449         0   0.30864E-02  652964.6 4220117.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001450         0   0.30864E-02  652954.0 4220118.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001451         0   0.30864E-02  652943.5 4220118.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001452         0   0.30864E-02  652932.9 4220118.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001453         0   0.30864E-02  652922.3 4220119.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001454         0   0.30864E-02  652911.8 4220119.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001455         0   0.30864E-02  652901.2 4220119.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001456         0   0.30864E-02  652890.6 4220119.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001457         0   0.30864E-02  652880.1 4220120.2    16.6     3.89     4.92
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001458	0	0.30864E-02	652869.5	4220120.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001459	0	0.30864E-02	652865.6	4220114.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001460	0	0.30864E-02	652872.7	4220110.7	16.6	3.89	4.92	3.62	YES	HRDOW
L0001461	0	0.30864E-02	652883.3	4220110.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001462	0	0.30864E-02	652893.9	4220110.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001463	0	0.30864E-02	652904.4	4220109.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001464	0	0.30864E-02	652915.0	4220109.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001465	0	0.30864E-02	652925.6	4220109.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001466	0	0.30864E-02	652936.1	4220108.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001467	0	0.30864E-02	652946.7	4220108.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001468	0	0.30864E-02	652957.3	4220108.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001469	0	0.30864E-02	652967.8	4220107.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001470	0	0.30864E-02	652978.4	4220107.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001471	0	0.30864E-02	652989.0	4220107.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001472	0	0.30864E-02	652999.5	4220106.9	16.6	3.89	4.92			

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3.62     YES   HRDOW
 L0001473         0   0.30864E-02  653010.1 4220106.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001474         0   0.30864E-02  653020.7 4220106.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001475         0   0.30864E-02  653031.2 4220106.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001476         0   0.30864E-02  653041.8 4220105.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001477         0   0.30864E-02  653052.4 4220105.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001478         0   0.30864E-02  653062.9 4220105.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001479         0   0.30864E-02  653073.5 4220104.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001480         0   0.30864E-02  653076.6 4220096.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001481         0   0.30864E-02  653070.7 4220092.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001482         0   0.30864E-02  653060.1 4220093.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001483         0   0.30864E-02  653049.6 4220093.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001484         0   0.30864E-02  653039.0 4220093.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001485         0   0.30864E-02  653028.4 4220094.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001486         0   0.30864E-02  653017.9 4220094.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001487         0   0.30864E-02  653007.3 4220094.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001488         0   0.30864E-02  652996.7 4220095.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001489         0   0.30864E-02  652986.2 4220095.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001490         0   0.30864E-02  652975.6 4220096.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001491         0   0.30864E-02  652965.0 4220096.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001492         0   0.30864E-02  652954.5 4220096.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001493         0   0.30864E-02  652943.9 4220097.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001494         0   0.30864E-02  652933.4 4220097.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001495         0   0.30864E-02  652922.8 4220097.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001496         0   0.30864E-02  652912.2 4220098.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001497         0   0.30864E-02  652901.7 4220098.6    16.6     3.89     4.92
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001498	0	0.30864E-02	652891.1	4220099.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001499	0	0.30864E-02	652880.5	4220099.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001500	0	0.30864E-02	652870.0	4220099.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001501	0	0.30864E-02	652867.9	4220091.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001502	0	0.30864E-02	652876.9	4220089.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001503	0	0.30864E-02	652887.5	4220089.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001504	0	0.30864E-02	652898.1	4220088.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001505	0	0.30864E-02	652908.6	4220088.7	16.6	3.89	4.92	3.62	YES	HRDOW
L0001506	0	0.30864E-02	652919.2	4220088.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001507	0	0.30864E-02	652929.8	4220088.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001508	0	0.30864E-02	652940.3	4220088.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001509	0	0.30864E-02	652950.9	4220087.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001510	0	0.30864E-02	652961.5	4220087.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001511	0	0.30864E-02	652972.0	4220087.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001512	0	0.30864E-02	652982.6	4220087.1	16.6	3.89	4.92			

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3.62     YES   HRDOW
 L0001513         0   0.30864E-02  652993.2 4220086.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001514         0   0.30864E-02  653003.8 4220086.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001515         0   0.30864E-02  653014.3 4220086.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001516         0   0.30864E-02  653024.9 4220086.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001517         0   0.30864E-02  653035.5 4220085.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001518         0   0.30864E-02  653046.0 4220085.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001519         0   0.30864E-02  653056.6 4220085.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001520         0   0.30864E-02  653067.2 4220085.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001521         0   0.30864E-02  653076.0 4220082.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001522         0   0.30864E-02  653077.4 4220073.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001523         0   0.30864E-02  653066.8 4220073.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001524         0   0.30864E-02  653056.2 4220074.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001525         0   0.30864E-02  653045.7 4220074.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001526         0   0.30864E-02  653035.1 4220074.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001527         0   0.30864E-02  653024.5 4220074.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001528         0   0.30864E-02  653014.0 4220075.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001529         0   0.30864E-02  653003.4 4220075.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001530         0   0.30864E-02  652992.8 4220075.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001531         0   0.30864E-02  652982.3 4220076.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001532         0   0.30864E-02  652971.7 4220076.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001533         0   0.30864E-02  652961.1 4220076.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001534         0   0.30864E-02  652950.6 4220076.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001535         0   0.30864E-02  652940.0 4220077.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001536         0   0.30864E-02  652929.4 4220077.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001537         0   0.30864E-02  652918.9 4220077.7    16.6     3.89     4.92
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001538	0	0.30864E-02	652908.3	4220078.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001539	0	0.30864E-02	652897.7	4220078.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001540	0	0.30864E-02	652887.1	4220078.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001541	0	0.30864E-02	652876.6	4220078.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001542	0	0.30864E-02	652866.7	4220078.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001543	0	0.30864E-02	652866.7	4220067.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001544	0	0.30864E-02	652873.4	4220063.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001545	0	0.30864E-02	652884.0	4220063.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001546	0	0.30864E-02	652894.6	4220063.7	16.6	3.89	4.92	3.62	YES	HRDOW
L0001547	0	0.30864E-02	652905.2	4220063.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001548	0	0.30864E-02	652915.7	4220063.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001549	0	0.30864E-02	652926.3	4220063.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001550	0	0.30864E-02	652936.9	4220063.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001551	0	0.30864E-02	652947.4	4220063.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001552	0	0.30864E-02	652958.0	4220063.1	16.6	3.89	4.92			

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3.62     YES   HRDOW
 L0001553         0   0.30864E-02  652968.6 4220063.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001554         0   0.30864E-02  652979.2 4220062.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001555         0   0.30864E-02  652989.7 4220062.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001556         0   0.30864E-02  653000.3 4220062.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001557         0   0.30864E-02  653010.9 4220062.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001558         0   0.30864E-02  653021.4 4220062.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001559         0   0.30864E-02  653032.0 4220062.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001560         0   0.30864E-02  653042.6 4220062.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001561         0   0.30864E-02  653053.2 4220062.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001562         0   0.30864E-02  653063.7 4220062.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001563         0   0.30864E-02  653074.3 4220062.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001564         0   0.30864E-02  653084.9 4220062.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001565         0   0.30864E-02  653095.4 4220061.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001566         0   0.30864E-02  653106.0 4220061.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001567         0   0.30864E-02  653116.6 4220061.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001568         0   0.30864E-02  653127.2 4220061.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001569         0   0.30864E-02  653137.7 4220061.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001570         0   0.30864E-02  653148.3 4220061.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001571         0   0.30864E-02  653158.9 4220061.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001572         0   0.30864E-02  653169.4 4220061.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001573         0   0.30864E-02  653180.0 4220061.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001574         0   0.30864E-02  653190.6 4220061.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001575         0   0.30864E-02  653201.2 4220061.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001576         0   0.30864E-02  653206.4 4220055.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001577         0   0.30864E-02  653202.7 4220048.8    16.6     3.89     4.92
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001578	0	0.30864E-02	653192.2	4220048.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001579	0	0.30864E-02	653181.6	4220049.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001580	0	0.30864E-02	653171.0	4220049.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001581	0	0.30864E-02	653160.5	4220049.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001582	0	0.30864E-02	653149.9	4220049.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001583	0	0.30864E-02	653139.3	4220049.7	16.6	3.89	4.92	3.62	YES	HRDOW
L0001584	0	0.30864E-02	653128.7	4220049.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001585	0	0.30864E-02	653118.2	4220050.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001586	0	0.30864E-02	653107.6	4220050.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001587	0	0.30864E-02	653097.0	4220050.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001588	0	0.30864E-02	653086.5	4220050.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001589	0	0.30864E-02	653075.9	4220050.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001590	0	0.30864E-02	653065.3	4220050.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001591	0	0.30864E-02	653054.7	4220051.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001592	0	0.30864E-02	653044.2	4220051.1	16.6	3.89	4.92			

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3.62     YES   HRDOW
 L0001593         0   0.30864E-02  653033.6 4220051.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001594         0   0.30864E-02  653023.0 4220051.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001595         0   0.30864E-02  653012.5 4220051.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001596         0   0.30864E-02  653001.9 4220051.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001597         0   0.30864E-02  652991.3 4220051.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001598         0   0.30864E-02  652980.7 4220052.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001599         0   0.30864E-02  652970.2 4220052.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001600         0   0.30864E-02  652959.6 4220052.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001601         0   0.30864E-02  652949.0 4220052.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001602         0   0.30864E-02  652938.5 4220052.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001603         0   0.30864E-02  652927.9 4220052.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001604         0   0.30864E-02  652917.3 4220053.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001605         0   0.30864E-02  652906.8 4220053.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001606         0   0.30864E-02  652896.2 4220053.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001607         0   0.30864E-02  652885.6 4220053.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001608         0   0.30864E-02  652875.0 4220053.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001609         0   0.30864E-02  652867.3 4220050.4    16.7     3.89     4.92
3.62     YES   HRDOW
 L0001610         0   0.30864E-02  652868.2 4220042.3    16.7     3.89     4.92
3.62     YES   HRDOW
 L0001611         0   0.30864E-02  652878.8 4220042.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001612         0   0.30864E-02  652889.4 4220042.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001613         0   0.30864E-02  652899.9 4220042.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001614         0   0.30864E-02  652910.5 4220042.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001615         0   0.30864E-02  652921.1 4220041.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001616         0   0.30864E-02  652931.7 4220041.9    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001617         0   0.30864E-02  652942.2 4220041.8    16.6     3.89     4.92
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001618	0	0.30864E-02	652952.8	4220041.7	16.6	3.89	4.92	3.62	YES	HRDOW
L0001619	0	0.30864E-02	652963.4	4220041.7	16.6	3.89	4.92	3.62	YES	HRDOW
L0001620	0	0.30864E-02	652974.0	4220041.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001621	0	0.30864E-02	652984.5	4220041.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001622	0	0.30864E-02	652995.1	4220041.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001623	0	0.30864E-02	653005.7	4220041.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001624	0	0.30864E-02	653016.2	4220041.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001625	0	0.30864E-02	653026.8	4220041.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001626	0	0.30864E-02	653037.4	4220041.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001627	0	0.30864E-02	653048.0	4220041.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001628	0	0.30864E-02	653058.5	4220041.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001629	0	0.30864E-02	653069.1	4220040.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001630	0	0.30864E-02	653079.7	4220040.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001631	0	0.30864E-02	653090.2	4220040.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001632	0	0.30864E-02	653100.8	4220040.7	16.6	3.89	4.92			

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3.62     YES   HRDOW
 L0001633         0   0.30864E-02  653111.4 4220040.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001634         0   0.30864E-02  653122.0 4220040.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001635         0   0.30864E-02  653132.5 4220040.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001636         0   0.30864E-02  653143.1 4220040.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001637         0   0.30864E-02  653153.7 4220040.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001638         0   0.30864E-02  653164.2 4220040.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001639         0   0.30864E-02  653174.8 4220040.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001640         0   0.30864E-02  653185.4 4220040.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001641         0   0.30864E-02  653196.0 4220040.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001642         0   0.30864E-02  653205.2 4220038.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001643         0   0.30864E-02  653207.4 4220028.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001644         0   0.30864E-02  653197.0 4220028.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001645         0   0.30864E-02  653186.4 4220028.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001646         0   0.30864E-02  653175.9 4220028.3    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001647         0   0.30864E-02  653165.3 4220028.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001648         0   0.30864E-02  653154.7 4220028.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001649         0   0.30864E-02  653144.2 4220028.7    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001650         0   0.30864E-02  653133.6 4220028.8    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001651         0   0.30864E-02  653123.0 4220029.0    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001652         0   0.30864E-02  653112.4 4220029.1    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001653         0   0.30864E-02  653101.9 4220029.2    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001654         0   0.30864E-02  653091.3 4220029.4    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001655         0   0.30864E-02  653080.7 4220029.5    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001656         0   0.30864E-02  653070.2 4220029.6    16.6     3.89     4.92
3.62     YES   HRDOW
 L0001657         0   0.30864E-02  653059.6 4220029.7    16.6     3.89     4.92
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001658	0	0.30864E-02	653049.0	4220029.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001659	0	0.30864E-02	653038.4	4220030.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001660	0	0.30864E-02	653027.9	4220030.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001661	0	0.30864E-02	653017.3	4220030.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001662	0	0.30864E-02	653006.7	4220030.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001663	0	0.30864E-02	652996.2	4220030.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001664	0	0.30864E-02	652985.6	4220030.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001665	0	0.30864E-02	652975.0	4220030.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001666	0	0.30864E-02	652964.4	4220030.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001667	0	0.30864E-02	652953.9	4220031.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001668	0	0.30864E-02	652943.3	4220031.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001669	0	0.30864E-02	652932.7	4220031.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001670	0	0.30864E-02	652922.2	4220031.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001671	0	0.30864E-02	652911.6	4220031.5	16.6	3.89	4.92	3.62	YES	HRDOW
L0001672	0	0.30864E-02	652901.0	4220031.7	16.6	3.89	4.92			

3.62 YES HRDOW
L0001673 0 0.30864E-02 652890.4 4220031.8 16.6 3.89 4.92
3.62 YES HRDOW
L0001674 0 0.30864E-02 652879.9 4220031.9 16.6 3.89 4.92
3.62 YES HRDOW
L0001675 0 0.30864E-02 652869.3 4220032.0 16.7 3.89 4.92
3.62 YES HRDOW
L0001676 0 0.30864E-02 652867.6 4220022.7 16.7 3.89 4.92
3.62 YES HRDOW
L0001677 0 0.30864E-02 652876.4 4220020.9 16.7 3.89 4.92
3.62 YES HRDOW
L0001678 0 0.30864E-02 652887.0 4220020.8 16.6 3.89 4.92
3.62 YES HRDOW
L0001679 0 0.30864E-02 652897.6 4220020.7 16.6 3.89 4.92
3.62 YES HRDOW
L0001680 0 0.30864E-02 652908.1 4220020.5 16.6 3.89 4.92
3.62 YES HRDOW
L0001681 0 0.30864E-02 652918.7 4220020.4 16.6 3.89 4.92
3.62 YES HRDOW
L0001682 0 0.30864E-02 652929.3 4220020.3 16.6 3.89 4.92
3.62 YES HRDOW
L0001683 0 0.30864E-02 652939.9 4220020.2 16.6 3.89 4.92
3.62 YES HRDOW
L0001684 0 0.30864E-02 652950.4 4220020.0 16.6 3.89 4.92
3.62 YES HRDOW
L0001685 0 0.30864E-02 652961.0 4220019.9 16.6 3.89 4.92
3.62 YES HRDOW
L0001686 0 0.30864E-02 652971.6 4220019.8 16.6 3.89 4.92
3.62 YES HRDOW
L0001687 0 0.30864E-02 652982.1 4220019.7 16.6 3.89 4.92
3.62 YES HRDOW
L0001688 0 0.30864E-02 652992.7 4220019.5 16.6 3.89 4.92
3.62 YES HRDOW
L0001689 0 0.30864E-02 653003.3 4220019.4 16.6 3.89 4.92
3.62 YES HRDOW
L0001690 0 0.30864E-02 653013.9 4220019.3 16.6 3.89 4.92
3.62 YES HRDOW
L0001691 0 0.30864E-02 653024.4 4220019.2 16.6 3.89 4.92
3.62 YES HRDOW
L0001692 0 0.30864E-02 653035.0 4220019.1 16.6 3.89 4.92
3.62 YES HRDOW
L0001693 0 0.30864E-02 653045.6 4220018.9 16.6 3.89 4.92
3.62 YES HRDOW
L0001694 0 0.30864E-02 653056.1 4220018.8 16.6 3.89 4.92
3.62 YES HRDOW
L0001695 0 0.30864E-02 653066.7 4220018.7 16.6 3.89 4.92
3.62 YES HRDOW
L0001696 0 0.30864E-02 653077.3 4220018.6 16.6 3.89 4.92
3.62 YES HRDOW
L0001697 0 0.30864E-02 653087.9 4220018.4 16.6 3.89 4.92

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001698	0	0.30864E-02	653098.4	4220018.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001699	0	0.30864E-02	653109.0	4220018.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001700	0	0.30864E-02	653119.6	4220018.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001701	0	0.30864E-02	653130.1	4220017.9	16.6	3.89	4.92	3.62	YES	HRDOW
L0001702	0	0.30864E-02	653140.7	4220017.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001703	0	0.30864E-02	653151.3	4220017.7	16.6	3.89	4.92	3.62	YES	HRDOW
L0001704	0	0.30864E-02	653161.9	4220017.6	16.6	3.89	4.92	3.62	YES	HRDOW
L0001705	0	0.30864E-02	653172.4	4220017.4	16.6	3.89	4.92	3.62	YES	HRDOW
L0001706	0	0.30864E-02	653183.0	4220017.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001707	0	0.30864E-02	653193.6	4220017.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001708	0	0.30864E-02	653204.1	4220017.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001709	0	0.30864E-02	653209.4	4220011.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001710	0	0.30864E-02	653205.7	4220005.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001711	0	0.30864E-02	653195.2	4220005.1	16.6	3.89	4.92	3.62	YES	HRDOW
L0001712	0	0.30864E-02	653184.6	4220005.3	16.6	3.89	4.92			

3.62 YES HRDOW
L0001713 0 0.30864E-02 653174.0 4220005.5 16.6 3.89 4.92
3.62 YES HRDOW
L0001714 0 0.30864E-02 653163.4 4220005.6 16.6 3.89 4.92
3.62 YES HRDOW
L0001715 0 0.30864E-02 653152.9 4220005.8 16.6 3.89 4.92
3.62 YES HRDOW
L0001716 0 0.30864E-02 653142.3 4220006.0 16.6 3.89 4.92
3.62 YES HRDOW
L0001717 0 0.30864E-02 653131.7 4220006.2 16.6 3.89 4.92
3.62 YES HRDOW
L0001718 0 0.30864E-02 653121.2 4220006.3 16.6 3.89 4.92
3.62 YES HRDOW
L0001719 0 0.30864E-02 653110.6 4220006.5 16.6 3.89 4.92
3.62 YES HRDOW
L0001720 0 0.30864E-02 653100.0 4220006.7 16.6 3.89 4.92
3.62 YES HRDOW
L0001721 0 0.30864E-02 653089.4 4220006.9 16.6 3.89 4.92
3.62 YES HRDOW
L0001722 0 0.30864E-02 653078.9 4220007.0 16.6 3.89 4.92
3.62 YES HRDOW
L0001723 0 0.30864E-02 653068.3 4220007.2 16.6 3.89 4.92
3.62 YES HRDOW
L0001724 0 0.30864E-02 653057.7 4220007.4 16.6 3.89 4.92
3.62 YES HRDOW
L0001725 0 0.30864E-02 653047.2 4220007.6 16.6 3.89 4.92
3.62 YES HRDOW
L0001726 0 0.30864E-02 653036.6 4220007.7 16.6 3.89 4.92
3.62 YES HRDOW
L0001727 0 0.30864E-02 653026.0 4220007.9 16.6 3.89 4.92
3.62 YES HRDOW
L0001728 0 0.30864E-02 653015.5 4220008.1 16.6 3.89 4.92
3.62 YES HRDOW
L0001729 0 0.30864E-02 653004.9 4220008.2 16.6 3.89 4.92
3.62 YES HRDOW
L0001730 0 0.30864E-02 652994.3 4220008.4 16.6 3.89 4.92
3.62 YES HRDOW
L0001731 0 0.30864E-02 652983.7 4220008.6 16.6 3.89 4.92
3.62 YES HRDOW
L0001732 0 0.30864E-02 652973.2 4220008.8 16.6 3.89 4.92
3.62 YES HRDOW
L0001733 0 0.30864E-02 652962.6 4220008.9 16.6 3.89 4.92
3.62 YES HRDOW
L0001734 0 0.30864E-02 652952.0 4220009.1 16.6 3.89 4.92
3.62 YES HRDOW
L0001735 0 0.30864E-02 652941.5 4220009.3 16.6 3.89 4.92
3.62 YES HRDOW
L0001736 0 0.30864E-02 652930.9 4220009.5 16.6 3.89 4.92
3.62 YES HRDOW
L0001737 0 0.30864E-02 652920.3 4220009.6 16.6 3.89 4.92

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001738	0	0.30864E-02	652909.7	4220009.8	16.6	3.89	4.92	3.62	YES	HRDOW
L0001739	0	0.30864E-02	652899.2	4220010.0	16.6	3.89	4.92	3.62	YES	HRDOW
L0001740	0	0.30864E-02	652888.6	4220010.2	16.6	3.89	4.92	3.62	YES	HRDOW
L0001741	0	0.30864E-02	652878.0	4220010.3	16.6	3.89	4.92	3.62	YES	HRDOW
L0001271	0	0.68027E-02	652563.1	4219076.3	16.1	5.00	3.95	4.65	YES	HRDOW
L0001272	0	0.68027E-02	652564.4	4219084.7	16.2	5.00	3.95	4.65	YES	HRDOW
L0001273	0	0.68027E-02	652565.6	4219093.1	16.4	5.00	3.95	4.65	YES	HRDOW
L0001274	0	0.68027E-02	652566.8	4219101.5	16.5	5.00	3.95	4.65	YES	HRDOW
L0001275	0	0.68027E-02	652568.1	4219109.9	16.6	5.00	3.95	4.65	YES	HRDOW
L0001276	0	0.68027E-02	652569.3	4219118.3	16.7	5.00	3.95	4.65	YES	HRDOW
L0001277	0	0.68027E-02	652570.6	4219126.7	16.8	5.00	3.95	4.65	YES	HRDOW
L0001278	0	0.68027E-02	652571.8	4219135.1	16.7	5.00	3.95	4.65	YES	HRDOW
L0001279	0	0.68027E-02	652573.1	4219143.6	16.8	5.00	3.95	4.65	YES	HRDOW
L0001280	0	0.68027E-02	652574.3	4219152.0	16.8	5.00	3.95	4.65	YES	HRDOW
L0001281	0	0.68027E-02	652575.5	4219160.4	16.8	5.00	3.95			

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4.65     YES   HRDOW
 L0001282         0   0.68027E-02  652576.8 4219168.8    16.8     5.00     3.95
4.65     YES   HRDOW
 L0001283         0   0.68027E-02  652578.0 4219177.2    16.9     5.00     3.95
4.65     YES   HRDOW
 L0001284         0   0.68027E-02  652579.3 4219185.6    16.9     5.00     3.95
4.65     YES   HRDOW
 L0001285         0   0.68027E-02  652580.5 4219194.0    17.0     5.00     3.95
4.65     YES   HRDOW
 L0001286         0   0.68027E-02  652581.7 4219202.4    17.1     5.00     3.95
4.65     YES   HRDOW
 L0001287         0   0.68027E-02  652583.0 4219210.8    17.3     5.00     3.95
4.65     YES   HRDOW
 L0001288         0   0.68027E-02  652584.2 4219219.2    17.5     5.00     3.95
4.65     YES   HRDOW
 L0001289         0   0.68027E-02  652585.5 4219227.6    17.6     5.00     3.95
4.65     YES   HRDOW
 L0001290         0   0.68027E-02  652586.7 4219236.1    17.9     5.00     3.95
4.65     YES   HRDOW
 L0001291         0   0.68027E-02  652587.9 4219244.5    18.2     5.00     3.95
4.65     YES   HRDOW
 L0001292         0   0.68027E-02  652589.2 4219252.9    18.5     5.00     3.95
4.65     YES   HRDOW
 L0001293         0   0.68027E-02  652590.4 4219261.3    18.8     5.00     3.95
4.65     YES   HRDOW
 L0001294         0   0.68027E-02  652591.7 4219269.7    19.2     5.00     3.95
4.65     YES   HRDOW
 L0001295         0   0.68027E-02  652592.9 4219278.1    19.4     5.00     3.95
4.65     YES   HRDOW
 L0001296         0   0.68027E-02  652594.1 4219286.5    19.7     5.00     3.95
4.65     YES   HRDOW
 L0001297         0   0.68027E-02  652595.3 4219294.9    20.0     5.00     3.95
4.65     YES   HRDOW
 L0001298         0   0.68027E-02  652596.5 4219303.3    20.3     5.00     3.95
4.65     YES   HRDOW
 L0001299         0   0.68027E-02  652597.7 4219311.8    20.5     5.00     3.95
4.65     YES   HRDOW
 L0001300         0   0.68027E-02  652599.0 4219320.2    20.7     5.00     3.95
4.65     YES   HRDOW
 L0001301         0   0.68027E-02  652600.2 4219328.6    20.7     5.00     3.95
4.65     YES   HRDOW
 L0001302         0   0.68027E-02  652601.4 4219337.0    20.5     5.00     3.95
4.65     YES   HRDOW
 L0001303         0   0.68027E-02  652602.6 4219345.4    20.2     5.00     3.95
4.65     YES   HRDOW
 L0001304         0   0.68027E-02  652603.8 4219353.8    19.9     5.00     3.95
4.65     YES   HRDOW
 L0001305         0   0.68027E-02  652605.0 4219362.2    19.5     5.00     3.95
4.65     YES   HRDOW
 L0001306         0   0.68027E-02  652606.2 4219370.7    19.0     5.00     3.95
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001307	0	0.68027E-02	652607.4	4219379.1	18.7	5.00	3.95	4.65	YES	HRDOW
L0001308	0	0.68027E-02	652608.6	4219387.5	18.4	5.00	3.95	4.65	YES	HRDOW
L0001309	0	0.68027E-02	652609.8	4219395.9	18.2	5.00	3.95	4.65	YES	HRDOW
L0001310	0	0.68027E-02	652611.0	4219404.3	17.6	5.00	3.95	4.65	YES	HRDOW
L0001311	0	0.68027E-02	652612.2	4219412.7	17.7	5.00	3.95	4.65	YES	HRDOW
L0001312	0	0.68027E-02	652613.4	4219421.1	17.3	5.00	3.95	4.65	YES	HRDOW
L0001313	0	0.68027E-02	652614.6	4219429.6	17.0	5.00	3.95	4.65	YES	HRDOW
L0001314	0	0.68027E-02	652615.8	4219438.0	17.0	5.00	3.95	4.65	YES	HRDOW
L0001315	0	0.68027E-02	652617.0	4219446.4	17.0	5.00	3.95	4.65	YES	HRDOW
L0001316	0	0.68027E-02	652618.3	4219454.8	16.8	5.00	3.95	4.65	YES	HRDOW
L0001317	0	0.68027E-02	652619.5	4219463.2	16.7	5.00	3.95	4.65	YES	HRDOW
L0001318	0	0.68027E-02	652620.7	4219471.6	16.8	5.00	3.95	4.65	YES	HRDOW
L0001319	0	0.68027E-02	652621.9	4219480.0	16.8	5.00	3.95	4.65	YES	HRDOW
L0001320	0	0.68027E-02	652623.1	4219488.4	16.6	5.00	3.95	4.65	YES	HRDOW
L0001321	0	0.68027E-02	652624.3	4219496.9	16.5	5.00	3.95			

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4.65     YES   HRDOW
 L0001322         0   0.68027E-02  652625.5 4219505.3    16.4     5.00     3.95
4.65     YES   HRDOW
 L0001323         0   0.68027E-02  652626.7 4219513.7    16.3     5.00     3.95
4.65     YES   HRDOW
 L0001324         0   0.68027E-02  652627.9 4219522.1    16.2     5.00     3.95
4.65     YES   HRDOW
 L0001325         0   0.68027E-02  652629.1 4219530.5    16.1     5.00     3.95
4.65     YES   HRDOW
 L0001326         0   0.68027E-02  652630.3 4219538.9    16.0     5.00     3.95
4.65     YES   HRDOW
 L0001327         0   0.68027E-02  652631.5 4219547.3    16.0     5.00     3.95
4.65     YES   HRDOW
 L0001328         0   0.68027E-02  652633.0 4219555.7    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001329         0   0.68027E-02  652634.7 4219564.0    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001330         0   0.68027E-02  652636.4 4219572.4    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001331         0   0.68027E-02  652638.1 4219580.7    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001332         0   0.68027E-02  652639.7 4219589.0    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001333         0   0.68027E-02  652641.4 4219597.4    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001334         0   0.68027E-02  652643.1 4219605.7    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001335         0   0.68027E-02  652644.8 4219614.0    15.9     5.00     3.95
4.65     YES   HRDOW
 L0001336         0   0.68027E-02  652646.4 4219622.4    16.0     5.00     3.95
4.65     YES   HRDOW
 L0001337         0   0.68027E-02  652648.1 4219630.7    16.0     5.00     3.95
4.65     YES   HRDOW
 L0001338         0   0.68027E-02  652649.8 4219639.0    16.0     5.00     3.95
4.65     YES   HRDOW
 L0001339         0   0.68027E-02  652651.5 4219647.4    16.0     5.00     3.95
4.65     YES   HRDOW
 L0001340         0   0.68027E-02  652653.1 4219655.7    16.1     5.00     3.95
4.65     YES   HRDOW
 L0001341         0   0.68027E-02  652654.8 4219664.0    16.1     5.00     3.95
4.65     YES   HRDOW
 L0001342         0   0.68027E-02  652656.5 4219672.4    16.2     5.00     3.95
4.65     YES   HRDOW
 L0001343         0   0.68027E-02  652658.2 4219680.7    16.2     5.00     3.95
4.65     YES   HRDOW
 L0001344         0   0.68027E-02  652659.8 4219689.0    16.3     5.00     3.95
4.65     YES   HRDOW
 L0001345         0   0.68027E-02  652661.5 4219697.4    16.3     5.00     3.95
4.65     YES   HRDOW
 L0001346         0   0.68027E-02  652663.2 4219705.7    16.3     5.00     3.95
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001347	0	0.68027E-02	652664.9	4219714.0	16.4	5.00	3.95	4.65	YES	HRDOW
L0001348	0	0.68027E-02	652666.5	4219722.4	16.4	5.00	3.95	4.65	YES	HRDOW
L0001349	0	0.68027E-02	652668.2	4219730.7	16.5	5.00	3.95	4.65	YES	HRDOW
L0001350	0	0.68027E-02	652669.9	4219739.0	16.5	5.00	3.95	4.65	YES	HRDOW
L0001351	0	0.68027E-02	652671.6	4219747.4	16.6	5.00	3.95	4.65	YES	HRDOW
L0001352	0	0.68027E-02	652673.2	4219755.7	16.7	5.00	3.95	4.65	YES	HRDOW
L0001353	0	0.68027E-02	652674.9	4219764.0	16.7	5.00	3.95	4.65	YES	HRDOW
L0001354	0	0.68027E-02	652676.6	4219772.4	16.8	5.00	3.95	4.65	YES	HRDOW
L0001355	0	0.68027E-02	652678.3	4219780.7	16.9	5.00	3.95	4.65	YES	HRDOW
L0001356	0	0.68027E-02	652679.9	4219789.0	16.9	5.00	3.95	4.65	YES	HRDOW
L0001357	0	0.68027E-02	652681.6	4219797.4	17.0	5.00	3.95	4.65	YES	HRDOW
L0001358	0	0.68027E-02	652683.3	4219805.7	17.0	5.00	3.95	4.65	YES	HRDOW
L0001359	0	0.68027E-02	652685.0	4219814.0	17.1	5.00	3.95	4.65	YES	HRDOW
L0001360	0	0.68027E-02	652686.6	4219822.4	17.1	5.00	3.95	4.65	YES	HRDOW
L0001361	0	0.68027E-02	652688.3	4219830.7	17.2	5.00	3.95			

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4.65     YES   HRDOW
 L0001362         0   0.68027E-02  652690.0 4219839.0    17.2     5.00     3.95
4.65     YES   HRDOW
 L0001363         0   0.68027E-02  652691.7 4219847.4    17.3     5.00     3.95
4.65     YES   HRDOW
 L0001364         0   0.68027E-02  652693.3 4219855.7    17.3     5.00     3.95
4.65     YES   HRDOW
 L0001365         0   0.68027E-02  652695.0 4219864.0    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001366         0   0.68027E-02  652696.7 4219872.4    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001367         0   0.68027E-02  652698.4 4219880.7    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001368         0   0.68027E-02  652700.0 4219889.0    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001369         0   0.68027E-02  652701.7 4219897.4    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001370         0   0.68027E-02  652703.4 4219905.7    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001371         0   0.68027E-02  652705.1 4219914.0    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001372         0   0.68027E-02  652706.7 4219922.4    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001373         0   0.68027E-02  652708.4 4219930.7    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001374         0   0.68027E-02  652710.1 4219939.0    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001375         0   0.68027E-02  652711.8 4219947.4    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001376         0   0.68027E-02  652713.4 4219955.7    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001377         0   0.68027E-02  652715.4 4219964.0    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001378         0   0.68027E-02  652717.5 4219972.2    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001379         0   0.68027E-02  652719.5 4219980.5    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001380         0   0.68027E-02  652721.6 4219988.7    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001381         0   0.68027E-02  652723.7 4219997.0    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001382         0   0.68027E-02  652725.7 4220005.2    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001383         0   0.68027E-02  652727.8 4220013.5    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001384         0   0.68027E-02  652729.8 4220021.7    17.3     5.00     3.95
4.65     YES   HRDOW
 L0001385         0   0.68027E-02  652731.9 4220029.9    18.0     5.00     3.95
4.65     YES   HRDOW
 L0001386         0   0.68027E-02  652734.0 4220038.2    18.5     5.00     3.95
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001387	0	0.68027E-02	652736.0	4220046.4	18.6	5.00	3.95	4.65	YES	HRDOW
L0001388	0	0.68027E-02	652738.1	4220054.7	18.7	5.00	3.95	4.65	YES	HRDOW
L0001389	0	0.68027E-02	652740.2	4220062.9	18.6	5.00	3.95	4.65	YES	HRDOW
L0001390	0	0.68027E-02	652742.2	4220071.2	18.7	5.00	3.95	4.65	YES	HRDOW
L0001391	0	0.68027E-02	652744.3	4220079.4	18.7	5.00	3.95	4.65	YES	HRDOW
L0001392	0	0.68027E-02	652746.3	4220087.7	18.8	5.00	3.95	4.65	YES	HRDOW
L0001393	0	0.68027E-02	652748.3	4220095.9	18.9	5.00	3.95	4.65	YES	HRDOW
L0001394	0	0.68027E-02	652750.3	4220104.2	18.7	5.00	3.95	4.65	YES	HRDOW
L0001395	0	0.68027E-02	652752.4	4220112.4	18.7	5.00	3.95	4.65	YES	HRDOW
L0001396	0	0.68027E-02	652754.4	4220120.7	18.8	5.00	3.95	4.65	YES	HRDOW
L0001397	0	0.68027E-02	652756.4	4220128.9	18.8	5.00	3.95	4.65	YES	HRDOW
L0001398	0	0.68027E-02	652758.7	4220137.1	18.8	5.00	3.95	4.65	YES	HRDOW
L0001399	0	0.68027E-02	652765.6	4220140.6	18.7	5.00	3.95	4.65	YES	HRDOW
L0001400	0	0.68027E-02	652774.1	4220141.3	18.5	5.00	3.95	4.65	YES	HRDOW
L0001401	0	0.68027E-02	652782.6	4220142.0	18.3	5.00	3.95			

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4.65     YES   HRDOW
 L0001402         0   0.68027E-02  652791.0 4220142.4    18.1     5.00     3.95
4.65     YES   HRDOW
 L0001403         0   0.68027E-02  652799.5 4220142.6    17.9     5.00     3.95
4.65     YES   HRDOW
 L0001404         0   0.68027E-02  652808.0 4220142.8    17.7     5.00     3.95
4.65     YES   HRDOW
 L0001405         0   0.68027E-02  652816.5 4220143.0    17.4     5.00     3.95
4.65     YES   HRDOW
 L0001406         0   0.68027E-02  652825.0 4220142.7    17.2     5.00     3.95
4.65     YES   HRDOW
 L0001407         0   0.68027E-02  652833.5 4220142.2    17.0     5.00     3.95
4.65     YES   HRDOW
 L0001408         0   0.68027E-02  652841.6 4220139.8    16.8     5.00     3.95
4.65     YES   HRDOW
 L0001409         0   0.68027E-02  652847.7 4220134.6    16.7     5.00     3.95
4.65     YES   HRDOW
 L0001410         0   0.68027E-02  652851.7 4220127.2    16.7     5.00     3.95
4.65     YES   HRDOW
 L0001411         0   0.68027E-02  652852.1 4220118.7    16.7     5.00     3.95
4.65     YES   HRDOW
 L0001412         0   0.68027E-02  652852.5 4220110.2    16.7     5.00     3.95
4.65     YES   HRDOW
 L0001413         0   0.68027E-02  652852.9 4220101.7    16.7     5.00     3.95
4.65     YES   HRDOW
 L0001414         0   0.68027E-02  652853.3 4220093.2    16.7     5.00     3.95
4.65     YES   HRDOW
 L0001415         0   0.68027E-02  652853.7 4220084.7    16.7     5.00     3.95
4.65     YES   HRDOW
 L0001416         0   0.68027E-02  652853.7 4220076.2    16.8     5.00     3.95
4.65     YES   HRDOW
 L0001417         0   0.68027E-02  652853.8 4220067.7    16.8     5.00     3.95
4.65     YES   HRDOW
↟ *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                 SOURCE IDs
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  HAUL       L0001271    , L0001272    , L0001273    , L0001274    , L0001275    ,
L0001276    , L0001277    , L0001278    ,
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L0001279 , L0001280 , L0001281 , L0001282 , L0001283 , L0001284 , L0001285 , L0001286 ,

L0001287 , L0001288 , L0001289 , L0001290 , L0001291 , L0001292 , L0001293 , L0001294 ,

L0001295 , L0001296 , L0001297 , L0001298 , L0001299 , L0001300 , L0001301 , L0001302 ,

L0001303 , L0001304 , L0001305 , L0001306 , L0001307 , L0001308 , L0001309 , L0001310 ,

L0001311 , L0001312 , L0001313 , L0001314 , L0001315 , L0001316 , L0001317 , L0001318 ,

L0001319 , L0001320 , L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 ,

L0001327 , L0001328 , L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 ,

L0001335 , L0001336 , L0001337 , L0001338 , L0001339 , L0001340 , L0001341 , L0001342 ,

L0001343 , L0001344 , L0001345 , L0001346 , L0001347 , L0001348 , L0001349 , L0001350 ,

L0001351 , L0001352 , L0001353 , L0001354 , L0001355 , L0001356 , L0001357 , L0001358 ,

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L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 ,

L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 , L0001398 ,

L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 , L0001406 ,

L0001407 , L0001408 , L0001409 , L0001410 , L0001411 ,

L0001412   , L0001413   , L0001414   ,

             L0001415   , L0001416   , L0001417   ,

  ONSITE   L0001418   , L0001419   , L0001420   , L0001421   , L0001422   ,
L0001423   , L0001424   , L0001425   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0001426   , L0001427   , L0001428   , L0001429   , L0001430   ,
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L0001439   , L0001440   , L0001441   ,

             L0001442   , L0001443   , L0001444   , L0001445   , L0001446   ,
L0001447   , L0001448   , L0001449   ,

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L0001455   , L0001456   , L0001457   ,

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L0001463   , L0001464   , L0001465   ,

             L0001466   , L0001467   , L0001468   , L0001469   , L0001470   ,
L0001471   , L0001472   , L0001473   ,

             L0001474   , L0001475   , L0001476   , L0001477   , L0001478   ,
L0001479   , L0001480   , L0001481   ,

             L0001482   , L0001483   , L0001484   , L0001485   , L0001486   ,
L0001487   , L0001488   , L0001489   ,

             L0001490   , L0001491   , L0001492   , L0001493   , L0001494   ,
L0001495   , L0001496   , L0001497   ,

             L0001498   , L0001499   , L0001500   , L0001501   , L0001502   ,
L0001503   , L0001504   , L0001505   ,

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             L0001506    , L0001507    , L0001508    , L0001509    , L0001510    ,
L0001511    , L0001512    , L0001513    ,

             L0001514    , L0001515    , L0001516    , L0001517    , L0001518    ,
L0001519    , L0001520    , L0001521    ,

             L0001522    , L0001523    , L0001524    , L0001525    , L0001526    ,
L0001527    , L0001528    , L0001529    ,

             L0001530    , L0001531    , L0001532    , L0001533    , L0001534    ,
L0001535    , L0001536    , L0001537    ,

             L0001538    , L0001539    , L0001540    , L0001541    , L0001542    ,
L0001543    , L0001544    , L0001545    ,

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L0001559    , L0001560    , L0001561    ,

             L0001562    , L0001563    , L0001564    , L0001565    , L0001566    ,
L0001567    , L0001568    , L0001569    ,

             L0001570    , L0001571    , L0001572    , L0001573    , L0001574    ,
L0001575    , L0001576    , L0001577    ,

             L0001578    , L0001579    , L0001580    , L0001581    , L0001582    ,
L0001583    , L0001584    , L0001585    ,
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                    SOURCE IDs
 -----------                                                    ----------


             L0001586    , L0001587    , L0001588    , L0001589    , L0001590    ,
L0001591    , L0001592    , L0001593    ,

             L0001594    , L0001595    , L0001596    , L0001597    , L0001598    ,
L0001599    , L0001600    , L0001601    ,
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L0001602 , L0001603 , L0001604 , L0001605 , L0001606 , L0001607 , L0001608 , L0001609 ,

L0001610 , L0001611 , L0001612 , L0001613 , L0001614 , L0001615 , L0001616 , L0001617 ,

L0001618 , L0001619 , L0001620 , L0001621 , L0001622 , L0001623 , L0001624 , L0001625 ,

L0001626 , L0001627 , L0001628 , L0001629 , L0001630 , L0001631 , L0001632 , L0001633 ,

L0001634 , L0001635 , L0001636 , L0001637 , L0001638 , L0001639 , L0001640 , L0001641 ,

L0001642 , L0001643 , L0001644 , L0001645 , L0001646 , L0001647 , L0001648 , L0001649 ,

L0001650 , L0001651 , L0001652 , L0001653 , L0001654 , L0001655 , L0001656 , L0001657 ,

L0001658 , L0001659 , L0001660 , L0001661 , L0001662 , L0001663 , L0001664 , L0001665 ,

L0001666 , L0001667 , L0001668 , L0001669 , L0001670 , L0001671 , L0001672 , L0001673 ,

L0001674 , L0001675 , L0001676 , L0001677 , L0001678 , L0001679 , L0001680 , L0001681 ,

L0001682 , L0001683 , L0001684 , L0001685 , L0001686 , L0001687 , L0001688 , L0001689 ,

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L0001714 , L0001715 , L0001716 , L0001717 , L0001718 , L0001719 , L0001720 , L0001721 ,

L0001722 , L0001723 , L0001724 , L0001725 , L0001726 , L0001727 , L0001728 , L0001729 ,

L0001730 , L0001731 , L0001732 , L0001733 , L0001734 ,

L0001735 , L0001736 , L0001737 ,

L0001738 , L0001739 , L0001740 , L0001741 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 , L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 , L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 , L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 , L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , L0001495 , L0001496 , L0001497 , L0001498 , L0001499 , L0001500 , L0001501 , L0001502 , L0001503 , L0001504 , L0001505 ,

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L0001567    , L0001568    , L0001569    ,

             L0001570    , L0001571    , L0001572    , L0001573    , L0001574    ,
L0001575    , L0001576    , L0001577    ,
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
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 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                  SOURCE IDs
 -----------                                                  ----------


             L0001578    , L0001579    , L0001580    , L0001581    , L0001582    ,
L0001583    , L0001584    , L0001585    ,

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L0001591    , L0001592    , L0001593    ,

             L0001594    , L0001595    , L0001596    , L0001597    , L0001598    ,
L0001599    , L0001600    , L0001601    ,
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L0001618 , L0001619 , L0001620 , L0001621 , L0001622 , L0001623 , L0001624 , L0001625 ,

L0001626 , L0001627 , L0001628 , L0001629 , L0001630 , L0001631 , L0001632 , L0001633 ,

L0001634 , L0001635 , L0001636 , L0001637 , L0001638 , L0001639 , L0001640 , L0001641 ,

L0001642 , L0001643 , L0001644 , L0001645 , L0001646 , L0001647 , L0001648 , L0001649 ,

L0001650 , L0001651 , L0001652 , L0001653 , L0001654 , L0001655 , L0001656 , L0001657 ,

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L0001674 , L0001675 , L0001676 , L0001677 , L0001678 , L0001679 , L0001680 , L0001681 ,

L0001682 , L0001683 , L0001684 , L0001685 , L0001686 , L0001687 , L0001688 , L0001689 ,

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L0001698 , L0001699 , L0001700 , L0001701 , L0001702 , L0001703 , L0001704 , L0001705 ,

L0001706 , L0001707 , L0001708 , L0001709 , L0001710 , L0001711 , L0001712 , L0001713 ,

L0001714 , L0001715 , L0001716 , L0001717 , L0001718 , L0001719 , L0001720 , L0001721 ,

L0001722 , L0001723 , L0001724 , L0001725 , L0001726 , L0001727 , L0001728 , L0001729 ,

L0001730 , L0001731 , L0001732 , L0001733 , L0001734 ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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            L0001738   , L0001739   , L0001740   , L0001741   , L0001271   ,
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L0001280   , L0001281   , L0001282   ,

            L0001283   , L0001284   , L0001285   , L0001286   , L0001287   ,
L0001288   , L0001289   , L0001290   ,

            L0001291   , L0001292   , L0001293   , L0001294   , L0001295   ,
L0001296   , L0001297   , L0001298   ,

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L0001320   , L0001321   , L0001322   ,

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L0001376 , L0001377 , L0001378 ,

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L0001384 , L0001385 , L0001386 ,

L0001387 , L0001388 , L0001389 , L0001390 , L0001391 ,
L0001392 , L0001393 , L0001394 ,

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L0001400 , L0001401 , L0001402 ,

L0001403 , L0001404 , L0001405 , L0001406 , L0001407 ,
L0001408 , L0001409 , L0001410 ,

L0001411 , L0001412 , L0001413 , L0001414 , L0001415 ,
L0001416 , L0001417 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
	67679.	L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 , L0001425 ,

L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
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L0001434 , L0001435 , L0001436 , L0001437 , L0001438 ,
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L0001442 , L0001443 , L0001444 , L0001445 , L0001446 ,
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L0001567    , L0001568    , L0001569    ,

             L0001570    , L0001571    , L0001572    , L0001573    , L0001574    ,
L0001575    , L0001576    , L0001577    ,
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                           ***        01/03/25
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0001578 , L0001579 , L0001580 , L0001581 , L0001582 , L0001583 , L0001584 , L0001585 ,

L0001586 , L0001587 , L0001588 , L0001589 , L0001590 , L0001591 , L0001592 , L0001593 ,

L0001594 , L0001595 , L0001596 , L0001597 , L0001598 , L0001599 , L0001600 , L0001601 ,

L0001602 , L0001603 , L0001604 , L0001605 , L0001606 , L0001607 , L0001608 , L0001609 ,

L0001610 , L0001611 , L0001612 , L0001613 , L0001614 , L0001615 , L0001616 , L0001617 ,

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L0001626 , L0001627 , L0001628 , L0001629 , L0001630 , L0001631 , L0001632 , L0001633 ,

L0001634 , L0001635 , L0001636 , L0001637 , L0001638 , L0001639 , L0001640 , L0001641 ,

L0001642 , L0001643 , L0001644 , L0001645 , L0001646 , L0001647 , L0001648 , L0001649 ,

L0001650 , L0001651 , L0001652 , L0001653 , L0001654 , L0001655 , L0001656 , L0001657 ,

L0001658 , L0001659 , L0001660 , L0001661 , L0001662 , L0001663 , L0001664 , L0001665 ,

L0001666 , L0001667 , L0001668 , L0001669 , L0001670 , L0001671 , L0001672 , L0001673 ,

L0001674 , L0001675 , L0001676 , L0001677 , L0001678 ,
L0001679 , L0001680 , L0001681 ,

L0001682 , L0001683 , L0001684 , L0001685 , L0001686 ,
L0001687 , L0001688 , L0001689 ,

L0001690 , L0001691 , L0001692 , L0001693 , L0001694 ,
L0001695 , L0001696 , L0001697 ,

L0001698 , L0001699 , L0001700 , L0001701 , L0001702 ,
L0001703 , L0001704 , L0001705 ,

L0001706 , L0001707 , L0001708 , L0001709 , L0001710 ,
L0001711 , L0001712 , L0001713 ,

L0001714 , L0001715 , L0001716 , L0001717 , L0001718 ,
L0001719 , L0001720 , L0001721 ,

L0001722 , L0001723 , L0001724 , L0001725 , L0001726 ,
L0001727 , L0001728 , L0001729 ,

L0001730 , L0001731 , L0001732 , L0001733 , L0001734 ,
L0001735 , L0001736 , L0001737 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0001738 , L0001739 , L0001740 , L0001741 , L0001271 ,
L0001272 , L0001273 , L0001274 ,

L0001275 , L0001276 , L0001277 , L0001278 , L0001279 ,
L0001280 , L0001281 , L0001282 ,

L0001283 , L0001284 , L0001285 , L0001286 , L0001287 ,
L0001288 , L0001289 , L0001290 ,

L0001291 , L0001292 , L0001293 , L0001294 , L0001295 ,
L0001296 , L0001297 , L0001298 ,

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             L0001299    , L0001300    , L0001301    , L0001302    , L0001303    ,
L0001304    , L0001305    , L0001306    ,

             L0001307    , L0001308    , L0001309    , L0001310    , L0001311    ,
L0001312    , L0001313    , L0001314    ,

             L0001315    , L0001316    , L0001317    , L0001318    , L0001319    ,
L0001320    , L0001321    , L0001322    ,

             L0001323    , L0001324    , L0001325    , L0001326    , L0001327    ,
L0001328    , L0001329    , L0001330    ,

             L0001331    , L0001332    , L0001333    , L0001334    , L0001335    ,
L0001336    , L0001337    , L0001338    ,

             L0001339    , L0001340    , L0001341    , L0001342    , L0001343    ,
L0001344    , L0001345    , L0001346    ,

             L0001347    , L0001348    , L0001349    , L0001350    , L0001351    ,
L0001352    , L0001353    , L0001354    ,

             L0001355    , L0001356    , L0001357    , L0001358    , L0001359    ,
L0001360    , L0001361    , L0001362    ,

             L0001363    , L0001364    , L0001365    , L0001366    , L0001367    ,
L0001368    , L0001369    , L0001370    ,

             L0001371    , L0001372    , L0001373    , L0001374    , L0001375    ,
L0001376    , L0001377    , L0001378    ,

             L0001379    , L0001380    , L0001381    , L0001382    , L0001383    ,
L0001384    , L0001385    , L0001386    ,

             L0001387    , L0001388    , L0001389    , L0001390    , L0001391    ,
L0001392    , L0001393    , L0001394    ,

             L0001395    , L0001396    , L0001397    , L0001398    , L0001399    ,
L0001400    , L0001401    , L0001402    ,

             L0001403    , L0001404    , L0001405    , L0001406    , L0001407    ,
L0001408    , L0001409    , L0001410    ,

             L0001411    , L0001412    , L0001413    , L0001414    , L0001415    ,
L0001416    , L0001417    ,
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***        15:25:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001418 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001419 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

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6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001420     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001421     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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SOURCE ID = L0001422 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001423 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001424   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001425 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0001426   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001427   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                  PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001428     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

SOURCE ID = L0001429 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

```
 SOURCE ID = L0001430     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001431     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001432     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001433 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001434 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001435 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001436     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001437   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

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

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

 SOURCE ID = L0001438   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001439     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

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

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

 SOURCE ID = L0001440     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001441 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001442 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

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

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

 SOURCE ID = L0001443     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001444 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001445     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001446     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001447     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001448   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001449 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001450 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

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

 SOURCE ID = L0001451   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001452   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = L0001453     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001454     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001455   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001456   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

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

 SOURCE ID = L0001457   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001458     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

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

 SOURCE ID = L0001459   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001460 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001461 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001462     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001463     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001464 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001465 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

SOURCE ID = L0001466 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

                                  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001467     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001468 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001469 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

```
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001470     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001471     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001472 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001473 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001474   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001475 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
WEEK (HRDOW) *

 SOURCE ID = L0001476     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001477     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                  PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001478     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

SOURCE ID = L0001479 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

```
 SOURCE ID = L0001480     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001481     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

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

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

 SOURCE ID = L0001482     ; SOURCE TYPE = VOLUME   :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001483 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001484 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                    PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001485     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001486     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
```

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

 SOURCE ID = L0001487   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

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

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

 SOURCE ID = L0001488   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001489     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001490     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001491 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001492 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

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



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

 SOURCE ID = L0001493     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001494 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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

SOURCE ID = L0001495 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001496 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001497     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001498   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001499 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001500 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

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

 SOURCE ID = L0001501   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001502     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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 SOURCE ID = L0001503     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001504     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

SOURCE ID = L0001505 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

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

22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001506   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001507   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001508     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001509   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001510 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001511 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001512 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001513     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001514 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001515 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

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

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

SOURCE ID = L0001516 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001517     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001518 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001519 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001520   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001521     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

SOURCE ID = L0001522 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001523 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001524   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001525   ; SOURCE TYPE = VOLUME   :

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

SOURCE ID = L0001526 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = L0001527 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001528     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

 SOURCE ID = L0001529   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = L0001530     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001531     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001532     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001533 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001534 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001535 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001536     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001537   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001538   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

SOURCE ID = L0001539 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001540     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001541 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	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	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001542 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001543     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001544 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001545     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001546     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001547     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001548   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001549 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001550 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

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

SOURCE ID = L0001551 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001552 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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

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 SOURCE ID = L0001553     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001554     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

SOURCE ID = L0001555 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

 SOURCE ID = L0001556   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

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

 SOURCE ID = L0001557   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001558     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001559   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001560   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = L0001561   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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

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

SOURCE ID = L0001562 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001563     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001564 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001565 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001566 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001567     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001568 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001569 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001570     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001571     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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

SOURCE ID = L0001572 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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

SOURCE ID = L0001573 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001574   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001575 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

SOURCE ID = L0001576 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = L0001577 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001578     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001579   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = L0001580     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001581     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001582     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001583 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001584 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

SOURCE ID = L0001585 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001586     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001587   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

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

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

 SOURCE ID = L0001588   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001589     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001590     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001591 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	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	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001592 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

                                   PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001593     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001594 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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

SOURCE ID = L0001595 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001596 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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

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

 SOURCE ID = L0001597     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001598   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001599 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001600 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

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

 SOURCE ID = L0001601   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001602   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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 SOURCE ID = L0001603     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001604     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001606   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

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

 SOURCE ID = L0001607   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001608     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001609   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001610 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001611 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001612     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001613     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001614 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001615 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

SOURCE ID = L0001616 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001617   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001618 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001619 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001620     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001621     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

SOURCE ID = L0001622 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = L0001623 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001624   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001625 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0001626   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001627   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001628     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001629 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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 SOURCE ID = L0001630     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001631     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001632     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001633 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001634 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001635 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001636     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001637   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001638   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001639     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001640     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001641 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	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	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001642 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001643     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

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

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

SOURCE ID = L0001644 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001645 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001646 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001647     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001648   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001649 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001650 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

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

 SOURCE ID = L0001651   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001652   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = L0001653     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001654     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001655 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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

 SOURCE ID = L0001656   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

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

 SOURCE ID = L0001657   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001658     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

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

 SOURCE ID = L0001659   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001660   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = L0001661   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001662 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001663     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001664 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001665 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001666   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001667   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001668 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001669 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001670     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001671     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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SOURCE ID = L0001672 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001673 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001674   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001675 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
WEEK (HRDOW) *

 SOURCE ID = L0001676     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001677     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                  PAGE 283
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001678     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001679   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = L0001680     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 286
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001681     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 287
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001682     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001683 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001684 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001685     ; SOURCE TYPE = VOLUME   :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001686     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
```

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

 SOURCE ID = L0001687   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001688   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001689     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001690     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001691 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001692 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001693     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001694 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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

SOURCE ID = L0001695 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001696 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 302
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001697     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001698   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001699 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001700 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

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

 SOURCE ID = L0001701   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001702   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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 SOURCE ID = L0001703     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001704     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = L0001705 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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

 SOURCE ID = L0001706   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

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

 SOURCE ID = L0001707   ; SOURCE TYPE = VOLUME   :

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  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001708     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001709   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001710 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001711 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001712     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001713     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001714 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001715 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

SOURCE ID = L0001716 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001717   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001718 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 *** *** LODI MAVERIK_CONSTRUCTION
*** 01/03/25
*** AERMET - VERSION 21112 *** ***
*** 15:25:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001719 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001720   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0001721   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001722 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001723 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001724   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001725 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0001726   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001727   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                  PAGE 333
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001728     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001729 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = L0001730     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001731     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 337
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001732     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001733 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001734 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001735 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001736     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001737   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

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

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

 SOURCE ID = L0001738   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001739     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001740     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001741 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001272     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

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

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

SOURCE ID = L0001273 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001274     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001275     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001277   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001278 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

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

 SOURCE ID = L0001280   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

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

SOURCE ID = L0001281 ; SOURCE TYPE = VOLUME :

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

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

```
 SOURCE ID = L0001282     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48

                                  PAGE 359
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001283     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0001284   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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

 SOURCE ID = L0001285   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

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

 SOURCE ID = L0001286   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

                                  PAGE 363
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001287     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

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

 SOURCE ID = L0001288   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001289   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001290   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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

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

SOURCE ID = L0001291 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001292     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001293 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001294 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

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

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

SOURCE ID = L0001295 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48

                                  PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001296     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001297 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001298 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

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

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

 SOURCE ID = L0001299   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001300     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001301 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001302 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001303   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001304     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

SOURCE ID = L0001305 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = L0001306 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001307     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001308   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = L0001309     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001310     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 387
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001311     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001312 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001313 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001314 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                    PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001315     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001316   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001317   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 394
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001318     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001319     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001320 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	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	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001321 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001322     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

SOURCE ID = L0001323 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001324     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48

                                  PAGE 401
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001325     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 402
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001326     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001327   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001328 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001329 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***    *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***    ***
                         ***       15:25:48

                                    PAGE 406
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001330     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001331   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = L0001332     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 409
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001333     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0001334   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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

 SOURCE ID = L0001335   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

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

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

 SOURCE ID = L0001336   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

                                  PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001337     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

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

 SOURCE ID = L0001338   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001339 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001340 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001341 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 418
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001342     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001343 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001344 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

 SOURCE ID = L0001345   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48

                                  PAGE 422
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001346     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:25:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001347 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001348 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001349   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001350     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE 427
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001351 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001352 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001353   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001354 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
WEEK (HRDOW) *

 SOURCE ID = L0001355     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001356     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                  PAGE 433
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001357     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

 SOURCE ID = L0001358   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = L0001359     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 436
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001360     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 437
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001361     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001362 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001363 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001364   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001365     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001366   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001367   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001368     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001369     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001370 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001371 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001372     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001373 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001374 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001375 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 452
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001376     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001377   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001378   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001379   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00

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

 SOURCE ID = L0001380   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001381   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = L0001382     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48

                                  PAGE 459
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001383     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0001384   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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

 SOURCE ID = L0001385   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = L0001386   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 463
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001387     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

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

 SOURCE ID = L0001388   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = L0001389 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001390 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

SOURCE ID = L0001391 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                  PAGE 468
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001392     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001393 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001394 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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 SOURCE ID = L0001395     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48

                                  PAGE 472
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001396     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001397 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001398 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

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

 SOURCE ID = L0001399   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE 476
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001400     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                             ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                            ***        15:25:48

                                    PAGE 477
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001401 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	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	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001402 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0001403   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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

SOURCE ID = L0001404 ; SOURCE TYPE = VOLUME :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
WEEK (HRDOW) *

 SOURCE ID = L0001405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                    PAGE 482
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001406     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001407   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

 SOURCE ID = L0001408   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = L0001409     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 486
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001410     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 487
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001411     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = L0001412 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001413 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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

SOURCE ID = L0001414 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 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 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 491
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001415     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001416   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   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 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0001417   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    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  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:25:48

                                  PAGE 494
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 652764.0, 4219991.3,      17.7,      17.7,       0.0);         ( 652784.0,
4219991.3,      17.9,      17.9,       0.0);
     ( 652804.0, 4219991.3,      17.8,      17.8,       0.0);         ( 652824.0,
4219991.3,      17.6,      17.6,       0.0);
     ( 652844.0, 4219991.3,      17.3,      17.3,       0.0);         ( 652764.0,
4220011.3,      17.9,      17.9,       0.0);
     ( 652784.0, 4220011.3,      18.0,      18.0,       0.0);         ( 652804.0,
4220011.3,      17.8,      17.8,       0.0);
     ( 652824.0, 4220011.3,      17.5,      17.5,       0.0);         ( 652844.0,
4220011.3,      17.2,      17.2,       0.0);
     ( 652764.0, 4220031.3,      18.2,      18.2,       0.0);         ( 652784.0,
4220031.3,      18.0,      18.0,       0.0);
     ( 652804.0, 4220031.3,      17.8,      17.8,       0.0);         ( 652824.0,
4220031.3,      17.4,      17.4,       0.0);
     ( 652844.0, 4220031.3,      17.1,      17.1,       0.0);         ( 652764.0,
4220051.3,      18.4,      18.4,       0.0);
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     ( 652784.0, 4220051.3,      18.1,      18.1,       0.0);         ( 652804.0,
4220051.3,      17.7,      17.7,       0.0);
     ( 652824.0, 4220051.3,      17.4,      17.4,       0.0);         ( 652844.0,
4220051.3,      17.0,      17.0,       0.0);
     ( 652764.0, 4220071.3,      18.5,      18.5,       0.0);         ( 652784.0,
4220071.3,      18.1,      18.1,       0.0);
     ( 652804.0, 4220071.3,      17.7,      17.7,       0.0);         ( 652824.0,
4220071.3,      17.3,      17.3,       0.0);
     ( 652764.0, 4220091.3,      18.5,      18.5,       0.0);         ( 652784.0,
4220091.3,      18.1,      18.1,       0.0);
     ( 652804.0, 4220091.3,      17.7,      17.7,       0.0);         ( 652824.0,
4220091.3,      17.2,      17.2,       0.0);
     ( 652844.0, 4220091.3,      16.8,      16.8,       0.0);         ( 652764.0,
4220111.3,      18.6,      18.6,       0.0);
     ( 652784.0, 4220111.3,      18.1,      18.1,       0.0);         ( 652804.0,
4220111.3,      17.7,      17.7,       0.0);
     ( 652824.0, 4220111.3,      17.2,      17.2,       0.0);         ( 652844.0,
4220111.3,      16.7,      16.7,       0.0);
     ( 652784.0, 4220131.3,      18.2,      18.2,       0.0);         ( 652804.0,
4220131.3,      17.7,      17.7,       0.0);
     ( 652824.0, 4220131.3,      17.2,      17.2,       0.0);         ( 653217.5,
4220029.0,      16.6,      16.6,       0.0);
     ( 653237.5, 4220029.0,      16.6,      16.6,       0.0);         ( 653257.5,
4220029.0,      16.7,      16.7,       0.0);
     ( 653277.5, 4220029.0,      16.8,      16.8,       0.0);         ( 653297.5,
4220029.0,      16.9,      16.9,       0.0);
     ( 653217.5, 4220049.0,      16.6,      16.6,       0.0);         ( 653237.5,
4220049.0,      16.6,      16.6,       0.0);
     ( 653257.5, 4220049.0,      16.7,      16.7,       0.0);         ( 653277.5,
4220049.0,      16.7,      16.7,       0.0);
     ( 653297.5, 4220049.0,      16.8,      16.8,       0.0);         ( 653217.5,
4220069.0,      16.6,      16.6,       0.0);
     ( 653237.5, 4220069.0,      16.6,      16.6,       0.0);         ( 653257.5,
4220069.0,      16.7,      16.7,       0.0);
     ( 653277.5, 4220069.0,      16.8,      16.8,       0.0);         ( 653297.5,
4220069.0,      16.8,      16.8,       0.0);
     ( 653091.8, 4220073.8,      16.6,      16.6,       0.0);         ( 653107.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653127.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653147.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653167.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653187.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653207.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653226.4,
4220070.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220070.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220070.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220070.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220070.5,      16.9,      16.9,       0.0);
     ( 653092.2, 4220089.4,      16.6,      16.6,       0.0);         ( 653107.4,
4220089.7,      16.6,      16.6,       0.0);
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     ( 653127.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653147.4,
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     ( 653167.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653187.4,
4220089.7,      16.6,      16.6,       0.0);
     ( 653207.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653226.4,
4220090.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220090.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220090.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220090.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220090.5,      16.9,      16.9,       0.0);
     ( 653092.2, 4220109.4,      16.6,      16.6,       0.0);         ( 653107.4,
4220109.7,      16.6,      16.6,       0.0);
     ( 653127.4, 4220109.7,      16.6,      16.6,       0.0);         ( 653147.4,
4220109.7,      16.6,      16.6,       0.0);
     ( 653167.4, 4220109.7,      16.6,      16.6,       0.0);         ( 653187.4,
4220109.7,      16.6,      16.6,       0.0);
     ( 653207.4, 4220109.7,      16.6,      16.6,       0.0);         ( 653226.4,
4220110.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220110.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220110.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220110.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220110.5,      16.9,      16.9,       0.0);
     ( 653092.9, 4220123.5,      16.6,      16.6,       0.0);         ( 653108.1,
4220123.8,      16.6,      16.6,       0.0);
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 653128.1, 4220123.8,      16.6,      16.6,       0.0);         ( 653148.1,
4220123.8,      16.6,      16.6,       0.0);
     ( 653168.1, 4220123.8,      16.6,      16.6,       0.0);         ( 653188.1,
4220123.8,      16.6,      16.6,       0.0);
     ( 653208.1, 4220123.8,      16.6,      16.6,       0.0);         ( 653227.1,
4220124.6,      16.6,      16.6,       0.0);
     ( 653247.1, 4220124.6,      16.6,      16.6,       0.0);         ( 653267.1,
4220124.6,      16.7,      16.7,       0.0);
     ( 653287.1, 4220124.6,      16.8,      16.8,       0.0);         ( 653307.1,
4220124.6,      16.9,      16.9,       0.0);
     ( 652875.3, 4219709.7,      16.5,      16.5,       0.0);         ( 652895.3,
4219709.7,      16.5,      16.5,       0.0);
     ( 652915.3, 4219709.7,      16.6,      16.6,       0.0);         ( 652935.3,
4219709.7,      16.7,      16.7,       0.0);
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     ( 652955.3, 4219709.7,      16.6,      16.6,       0.0);         ( 652975.3,
4219709.7,      16.7,      16.7,       0.0);
     ( 652995.3, 4219709.7,      16.7,      16.7,       0.0);         ( 653015.3,
4219709.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219729.7,      16.6,      16.6,       0.0);         ( 652895.3,
4219729.7,      16.7,      16.7,       0.0);
     ( 652915.3, 4219729.7,      16.7,      16.7,       0.0);         ( 652935.3,
4219729.7,      16.7,      16.7,       0.0);
     ( 652955.3, 4219729.7,      16.7,      16.7,       0.0);         ( 652975.3,
4219729.7,      16.7,      16.7,       0.0);
     ( 652995.3, 4219729.7,      16.7,      16.7,       0.0);         ( 653015.3,
4219729.7,      16.6,      16.6,       0.0);
     ( 652875.3, 4219749.7,      16.7,      16.7,       0.0);         ( 652895.3,
4219749.7,      16.8,      16.8,       0.0);
     ( 652915.3, 4219749.7,      16.8,      16.8,       0.0);         ( 652935.3,
4219749.7,      16.8,      16.8,       0.0);
     ( 652955.3, 4219749.7,      16.8,      16.8,       0.0);         ( 652975.3,
4219749.7,      16.8,      16.8,       0.0);
     ( 652995.3, 4219749.7,      16.7,      16.7,       0.0);         ( 653015.3,
4219749.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219769.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219769.7,      16.8,      16.8,       0.0);
     ( 652915.3, 4219769.7,      16.9,      16.9,       0.0);         ( 652935.3,
4219769.7,      16.9,      16.9,       0.0);
     ( 652955.3, 4219769.7,      16.9,      16.9,       0.0);         ( 652975.3,
4219769.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219769.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219769.7,      16.6,      16.6,       0.0);
     ( 652875.3, 4219789.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219789.7,      16.9,      16.9,       0.0);
     ( 652915.3, 4219789.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219789.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219789.7,      16.9,      16.9,       0.0);         ( 652975.3,
4219789.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219789.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219789.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219809.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219809.7,      16.9,      16.9,       0.0);
     ( 652915.3, 4219809.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219809.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219809.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219809.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219809.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219809.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219829.7,      16.9,      16.9,       0.0);         ( 652895.3,
4219829.7,      17.0,      17.0,       0.0);
     ( 652915.3, 4219829.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219829.7,      17.1,      17.1,       0.0);
     ( 652955.3, 4219829.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219829.7,      16.9,      16.9,       0.0);
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     ( 652995.3, 4219829.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219829.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219849.7,      16.9,      16.9,       0.0);         ( 652895.3,
4219849.7,      17.0,      17.0,       0.0);
     ( 652915.3, 4219849.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219849.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219849.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219849.7,      16.8,      16.8,       0.0);
     ( 652995.3, 4219849.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219849.7,      16.7,      16.7,       0.0);
     ( 653396.9, 4219710.6,      16.8,      16.8,       0.0);         ( 653416.9,
4219710.6,      16.8,      16.8,       0.0);
     ( 653436.9, 4219710.6,      16.8,      16.8,       0.0);         ( 653456.9,
4219710.6,      16.9,      16.9,       0.0);
     ( 653476.9, 4219710.6,      16.9,      16.9,       0.0);         ( 653496.9,
4219710.6,      16.9,      16.9,       0.0);
     ( 653516.9, 4219710.6,      16.9,      16.9,       0.0);         ( 653396.9,
4219730.6,      16.8,      16.8,       0.0);
     ( 653416.9, 4219730.6,      16.8,      16.8,       0.0);         ( 653436.9,
4219730.6,      16.8,      16.8,       0.0);
     ( 653456.9, 4219730.6,      16.9,      16.9,       0.0);         ( 653476.9,
4219730.6,      16.9,      16.9,       0.0);
     ( 653496.9, 4219730.6,      16.9,      16.9,       0.0);         ( 653516.9,
4219730.6,      16.9,      16.9,       0.0);
     ( 653396.9, 4219750.6,      16.8,      16.8,       0.0);         ( 653416.9,
4219750.6,      16.8,      16.8,       0.0);
* *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 653436.9, 4219750.6,      16.9,      16.9,       0.0);         ( 653456.9,
4219750.6,      16.9,      16.9,       0.0);
     ( 653476.9, 4219750.6,      16.9,      16.9,       0.0);         ( 653496.9,
4219750.6,      16.9,      16.9,       0.0);
     ( 653516.9, 4219750.6,      16.9,      16.9,       0.0);         ( 653396.9,
4219770.6,      16.8,      16.8,       0.0);
     ( 653416.9, 4219770.6,      16.8,      16.8,       0.0);         ( 653436.9,
4219770.6,      16.9,      16.9,       0.0);
     ( 653456.9, 4219770.6,      16.9,      16.9,       0.0);         ( 653476.9,
4219770.6,      16.9,      16.9,       0.0);
     ( 653496.9, 4219770.6,      16.9,      16.9,       0.0);         ( 653516.9,
4219770.6,      16.9,      16.9,       0.0);
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4219790.6,      16.9,      16.9,       0.0);
     ( 653516.9, 4219790.6,      17.0,      17.0,       0.0);         ( 653476.9,
4219810.6,      16.9,      16.9,       0.0);
     ( 653496.9, 4219810.6,      16.9,      16.9,       0.0);         ( 653516.9,
4219810.6,      17.0,      17.0,       0.0);
     ( 653476.9, 4219830.6,      16.9,      16.9,       0.0);         ( 653496.9,
4219830.6,      17.0,      17.0,       0.0);
     ( 653516.9, 4219830.6,      17.0,      17.0,       0.0);         ( 653476.9,
4219850.6,      17.0,      17.0,       0.0);
     ( 653496.9, 4219850.6,      17.0,      17.0,       0.0);         ( 653516.9,
4219850.6,      17.0,      17.0,       0.0);
     ( 653476.9, 4219870.6,      17.0,      17.0,       0.0);         ( 653496.9,
4219870.6,      17.0,      17.0,       0.0);
     ( 653516.9, 4219870.6,      17.0,      17.0,       0.0);         ( 653476.9,
4219890.6,      17.0,      17.0,       0.0);
     ( 653496.9, 4219890.6,      17.0,      17.0,       0.0);         ( 653516.9,
4219890.6,      17.0,      17.0,       0.0);
     ( 652096.6, 4220162.5,      15.3,      15.3,       0.0);         ( 652116.6,
4220162.5,      15.3,      15.3,       0.0);
     ( 652136.6, 4220162.5,      15.4,      15.4,       0.0);         ( 652156.6,
4220162.5,      15.4,      15.4,       0.0);
     ( 652176.6, 4220162.5,      15.4,      15.4,       0.0);         ( 652196.6,
4220162.5,      15.5,      15.5,       0.0);
     ( 652216.6, 4220162.5,      15.5,      15.5,       0.0);         ( 652236.6,
4220162.5,      15.5,      15.5,       0.0);
     ( 652256.6, 4220162.5,      15.6,      15.6,       0.0);         ( 652276.6,
4220162.5,      15.6,      15.6,       0.0);
     ( 652296.6, 4220162.5,      15.6,      15.6,       0.0);         ( 652316.6,
4220162.5,      15.6,      15.6,       0.0);
     ( 652336.6, 4220162.5,      15.7,      15.7,       0.0);         ( 652356.6,
4220162.5,      15.7,      15.7,       0.0);
     ( 652376.6, 4220162.5,      15.7,      15.7,       0.0);         ( 652396.6,
4220162.5,      15.8,      15.8,       0.0);
     ( 652416.6, 4220162.5,      15.8,      15.8,       0.0);         ( 652436.6,
4220162.5,      15.9,      15.9,       0.0);
     ( 652456.6, 4220162.5,      15.9,      15.9,       0.0);         ( 652096.6,
4220182.5,      15.3,      15.3,       0.0);
     ( 652116.6, 4220182.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220182.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220182.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220182.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220182.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220182.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220182.5,      15.5,      15.5,       0.0);         ( 652256.6,
4220182.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220182.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220182.5,      15.6,      15.6,       0.0);
     ( 652316.6, 4220182.5,      15.6,      15.6,       0.0);         ( 652336.6,
4220182.5,      15.7,      15.7,       0.0);
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(652396.6, 4220182.5, 15.8, 15.8, 0.0); (652416.6, 4220182.5, 15.8, 15.8, 0.0);
(652436.6, 4220182.5, 15.8, 15.8, 0.0); (652456.6, 4220182.5, 15.9, 15.9, 0.0);
(652476.6, 4220182.5, 16.1, 16.1, 0.0); (652096.6, 4220202.5, 15.3, 15.3, 0.0);
(652116.6, 4220202.5, 15.4, 15.4, 0.0); (652136.6, 4220202.5, 15.4, 15.4, 0.0);
(652156.6, 4220202.5, 15.4, 15.4, 0.0); (652176.6, 4220202.5, 15.5, 15.5, 0.0);
(652196.6, 4220202.5, 15.5, 15.5, 0.0); (652216.6, 4220202.5, 15.5, 15.5, 0.0);
(652236.6, 4220202.5, 15.5, 15.5, 0.0); (652256.6, 4220202.5, 15.6, 15.6, 0.0);
(652276.6, 4220202.5, 15.6, 15.6, 0.0); (652296.6, 4220202.5, 15.6, 15.6, 0.0);
(652316.6, 4220202.5, 15.7, 15.7, 0.0); (652336.6, 4220202.5, 15.7, 15.7, 0.0);
(652356.6, 4220202.5, 15.7, 15.7, 0.0); (652376.6, 4220202.5, 15.8, 15.8, 0.0);
(652396.6, 4220202.5, 15.8, 15.8, 0.0); (652416.6, 4220202.5, 15.8, 15.8, 0.0);
(652436.6, 4220202.5, 15.9, 15.9, 0.0); (652456.6, 4220202.5, 15.9, 15.9, 0.0);
(652476.6, 4220202.5, 16.1, 16.1, 0.0); (652096.6, 4220222.5, 15.3, 15.3, 0.0);

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

(652116.6, 4220222.5, 15.4, 15.4, 0.0); (652136.6, 4220222.5, 15.4, 15.4, 0.0);
(652156.6, 4220222.5, 15.4, 15.4, 0.0); (652176.6, 4220222.5, 15.5, 15.5, 0.0);
(652196.6, 4220222.5, 15.5, 15.5, 0.0); (652216.6, 4220222.5, 15.5, 15.5, 0.0);
(652236.6, 4220222.5, 15.5, 15.5, 0.0); (652256.6, 4220222.5, 15.6, 15.6, 0.0);
(652276.6, 4220222.5, 15.6, 15.6, 0.0); (652296.6, 4220222.5, 15.6, 15.6, 0.0);

```
     ( 652316.6, 4220222.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220222.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220222.5,      15.7,      15.7,       0.0);         ( 652376.6,
4220222.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220222.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220222.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220222.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220222.5,      16.0,      16.0,       0.0);
     ( 652476.6, 4220222.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220242.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220242.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220242.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220242.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220242.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220242.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220242.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220242.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220242.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220242.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220242.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220242.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220242.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220242.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220242.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220242.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220242.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220242.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220242.5,      16.0,      16.0,       0.0);
     ( 652476.6, 4220242.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220262.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220262.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220262.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220262.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220262.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220262.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220262.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220262.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220262.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220262.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220262.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220262.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220262.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220262.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220262.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220262.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220262.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220262.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220262.5,      16.0,      16.0,       0.0);
     ( 652476.6, 4220262.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220282.5,      15.4,      15.4,       0.0);
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(652116.6, 4220282.5, 15.4, 15.4, 0.0); (652136.6, 4220282.5, 15.4, 15.4, 0.0);
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(652196.6, 4220282.5, 15.5, 15.5, 0.0); (652216.6, 4220282.5, 15.6, 15.6, 0.0);
(652236.6, 4220282.5, 15.6, 15.6, 0.0); (652256.6, 4220282.5, 15.6, 15.6, 0.0);
(652276.6, 4220282.5, 15.6, 15.6, 0.0); (652296.6, 4220282.5, 15.7, 15.7, 0.0);
(652316.6, 4220282.5, 15.7, 15.7, 0.0); (652336.6, 4220282.5, 15.7, 15.7, 0.0);
(652356.6, 4220282.5, 15.8, 15.8, 0.0); (652376.6, 4220282.5, 15.8, 15.8, 0.0);
(652396.6, 4220282.5, 15.8, 15.8, 0.0); (652416.6, 4220282.5, 15.9, 15.9, 0.0);
(652436.6, 4220282.5, 15.9, 15.9, 0.0); (652456.6, 4220282.5, 16.1, 16.1, 0.0);
(652476.6, 4220282.5, 16.2, 16.2, 0.0); (652096.6, 4220302.5, 15.4, 15.4, 0.0);
(652116.6, 4220302.5, 15.4, 15.4, 0.0); (652136.6, 4220302.5, 15.5, 15.5, 0.0);
(652156.6, 4220302.5, 15.5, 15.5, 0.0); (652176.6, 4220302.5, 15.5, 15.5, 0.0);
(652196.6, 4220302.5, 15.5, 15.5, 0.0); (652216.6, 4220302.5, 15.6, 15.6, 0.0);
(652236.6, 4220302.5, 15.6, 15.6, 0.0); (652256.6, 4220302.5, 15.6, 15.6, 0.0);
(652276.6, 4220302.5, 15.6, 15.6, 0.0); (652296.6, 4220302.5, 15.7, 15.7, 0.0);

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

(652316.6, 4220302.5, 15.7, 15.7, 0.0); (652336.6, 4220302.5, 15.7, 15.7, 0.0);
(652356.6, 4220302.5, 15.8, 15.8, 0.0); (652376.6, 4220302.5, 15.8, 15.8, 0.0);
(652396.6, 4220302.5, 15.8, 15.8, 0.0); (652416.6, 4220302.5, 15.9, 15.9, 0.0);
(652436.6, 4220302.5, 15.9, 15.9, 0.0); (652456.6, 4220302.5, 16.1, 16.1, 0.0);

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     ( 652476.6, 4220302.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220322.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220322.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220322.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220322.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220322.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220322.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220322.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220322.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220322.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220322.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220322.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220322.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220322.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220322.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220322.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220322.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220322.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220322.5,      16.0,      16.0,       0.0);         ( 652456.6,
4220322.5,      16.1,      16.1,       0.0);
     ( 652476.6, 4220322.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220342.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220342.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220342.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220342.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220342.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220342.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220342.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220342.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220342.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220342.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220342.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220342.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220342.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220342.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220342.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220342.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220342.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220342.5,      16.0,      16.0,       0.0);         ( 652456.6,
4220342.5,      16.1,      16.1,       0.0);
     ( 652476.6, 4220342.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220362.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220362.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220362.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220362.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220362.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220362.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220362.5,      15.6,      15.6,       0.0);
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     ( 652276.6, 4220362.5,      15.7,      15.7,       0.0);         ( 652296.6,
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     ( 652316.6, 4220362.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220362.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220362.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220362.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220362.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220362.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220362.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220362.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220362.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220382.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220382.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220382.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220382.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220382.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220382.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220382.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220382.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220382.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220382.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220382.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220382.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220382.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220382.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220382.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220382.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220382.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220382.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220382.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220382.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220402.5,      15.5,      15.5,       0.0);
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***        15:25:48

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 652116.6, 4220402.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220402.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220402.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220402.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220402.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220402.5,      15.6,      15.6,       0.0);
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     ( 652236.6, 4220402.5,      15.6,      15.6,       0.0);         ( 652256.6,
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     ( 652276.6, 4220402.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220402.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220402.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220402.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220402.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220402.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220402.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220402.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220402.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220402.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220402.5,      16.3,      16.3,       0.0);         ( 652096.6,
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     ( 652116.6, 4220422.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220422.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220422.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220422.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220422.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220422.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220422.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220422.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220422.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220422.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220422.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220422.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220422.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220422.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220422.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220422.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220442.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220442.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220442.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220442.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220442.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220442.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220442.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220442.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220442.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220442.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220442.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220442.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220442.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220442.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220442.5,      15.9,      15.9,       0.0);
     ( 652396.6, 4220442.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220442.5,      16.0,      16.0,       0.0);
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4220442.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220442.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220462.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220462.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220462.5,      15.6,      15.6,       0.0);
     ( 652156.6, 4220462.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220462.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220462.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220462.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220462.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220462.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220462.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220462.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220462.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220462.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220462.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220462.5,      15.9,      15.9,       0.0);
     ( 652396.6, 4220462.5,      16.0,      16.0,       0.0);         ( 652416.6,
4220462.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220462.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220462.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220462.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220482.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220482.5,      15.6,      15.6,       0.0);         ( 652136.6,
4220482.5,      15.6,      15.6,       0.0);
     ( 652156.6, 4220482.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220482.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220482.5,      15.7,      15.7,       0.0);         ( 652216.6,
4220482.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220482.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220482.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220482.5,      15.8,      15.8,       0.0);         ( 652296.6,
4220482.5,      15.8,      15.8,       0.0);
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                           ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:25:48

                                    PAGE 500
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 652316.6, 4220482.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220482.5,      15.9,      15.9,       0.0);
     ( 652356.6, 4220482.5,      15.9,      15.9,       0.0);         ( 652376.6,
4220482.5,      15.9,      15.9,       0.0);
```

```
     ( 652396.6, 4220482.5,      16.0,      16.0,       0.0);         ( 652416.6,
4220482.5,      16.1,      16.1,       0.0);
     ( 652436.6, 4220482.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220482.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220482.5,      16.3,      16.3,       0.0);         ( 652216.6,
4220502.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220502.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220502.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220502.5,      15.8,      15.8,       0.0);         ( 652296.6,
4220502.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220502.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220502.5,      15.9,      15.9,       0.0);
     ( 652356.6, 4220502.5,      15.9,      15.9,       0.0);         ( 652376.6,
4220502.5,      16.0,      16.0,       0.0);
     ( 652396.6, 4220502.5,      16.0,      16.0,       0.0);         ( 652416.6,
4220502.5,      16.1,      16.1,       0.0);
     ( 652436.6, 4220502.5,      16.2,      16.2,       0.0);         ( 652456.6,
4220502.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220502.5,      16.4,      16.4,       0.0);         ( 652396.6,
4220522.5,      16.1,      16.1,       0.0);
     ( 652416.6, 4220522.5,      16.2,      16.2,       0.0);         ( 652436.6,
4220522.5,      16.2,      16.2,       0.0);
     ( 652456.6, 4220522.5,      16.3,      16.3,       0.0);         ( 652476.6,
4220522.5,      16.4,      16.4,       0.0);
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 501
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                      * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                        LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL


                              SOURCE          - - RECEPTOR LOCATION - -
DISTANCE
                                ID            XR (METERS)   YR (METERS)
(METERS)
                             - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

                              L0001643            653217.5     4220029.0
-0.47
                              L0001412            652844.0     4220111.3
0.07
*** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
```

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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

Surface file: METDAT~1\LODIMA~1.SFC

Met Version: 21112
Profile file: METDAT~1\LODIMA~1.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23237 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2018 Year: 2018

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
18	01	01	1	01	-4.8	0.090	-9.000	-9.000	-999.	65.	13.7	0.04	0.91	1.00	1.42	14.	10.0	278.8	2.0
18	01	01	1	02	-5.2	0.093	-9.000	-9.000	-999.	68.	14.2	0.04	0.91	1.00	1.47	7.	10.0	279.2	2.0
18	01	01	1	03	-2.7	0.069	-9.000	-9.000	-999.	43.	11.2	0.03	0.91	1.00	1.04	44.	10.0	278.8	2.0
18	01	01	1	04	-2.1	0.065	-9.000	-9.000	-999.	40.	11.8	0.03	0.91	1.00	0.86	79.	10.0	278.1	2.0
18	01	01	1	05	-5.8	0.100	-9.000	-9.000	-999.	76.	15.6	0.05	0.91	1.00	1.48	186.	10.0	277.5	2.0
18	01	01	1	06	-1.8	0.063	-9.000	-9.000	-999.	38.	12.8	0.04	0.91	1.00	0.74	221.	10.0	276.4	2.0
18	01	01	1	07	-2.3	0.067	-9.000	-9.000	-999.	41.	11.9	0.04	0.91	1.00	0.89	116.	10.0	275.9	2.0
18	01	01	1	08	-2.0	0.065	-9.000	-9.000	-999.	40.	12.5	0.04	0.91	0.73	0.79	144.	10.0	274.9	2.0
18	01	01	1	09	-1.1	0.052	-9.000	-9.000	-999.	29.	12.4	0.04	0.91	0.39	0.80	107.	10.0	277.5	2.0
18	01	01	1	10	43.4	0.095	0.542	0.006	133.	70.	-1.8	0.03	0.91	0.27	0.86	66.	10.0	283.1	2.0
18	01	01	1	11	78.0	0.102	0.984	0.015	445.	78.	-1.2	0.03	0.91	0.23	0.91	58.	10.0	286.4	2.0
18	01	01	1	12	97.1	0.128	1.130	0.017	542.	110.	-2.0	0.03	0.91	0.22	1.21	317.	10.0	288.1	2.0
18	01	01	1	13	99.8	0.180	1.195	0.018	623.	183.	-5.3	0.18	0.91	0.21	1.21	273.	10.0	289.2	2.0
18	01	01	1	14	86.4	0.206	1.182	0.019	696.	225.	-9.2	0.18	0.91	0.22	1.52	277.	10.0	290.9	2.0
18	01	01	1	15	57.0	0.162	1.042	0.019	723.	157.	-6.8	0.03	0.91	0.26	1.82	307.	10.0	291.4	2.0
18	01	01	1	16	14.4	0.269	0.661	0.019	726.	334.	-122.2	0.18	0.91	0.35	2.55	299.	10.0	290.9	2.0
18	01	01	1	17	-15.6	0.177	-9.000	-9.000	-999.	183.	34.6	0.03	0.91

```
0.60    2.74  306.   10.0  287.5    2.0
 18 01 01   1 18  -11.1  0.138 -9.000 -9.000 -999.  123.     21.5  0.03   0.91
1.00    2.18  307.   10.0  285.4    2.0
 18 01 01   1 19  -15.0  0.173 -9.000 -9.000 -999.  173.     33.0  0.20   0.91
1.00    1.81  252.   10.0  283.8    2.0
 18 01 01   1 20   -4.2  0.091 -9.000 -9.000 -999.   68.     16.4  0.20   0.91
1.00    0.96  266.   10.0  283.8    2.0
 18 01 01   1 21   -2.6  0.071 -9.000 -9.000 -999.   45.     12.1  0.04   0.91
1.00    0.97  168.   10.0  281.4    2.0
 18 01 01   1 22  -11.3  0.141 -9.000 -9.000 -999.  127.     22.5  0.04   0.91
1.00    2.08  169.   10.0  281.4    2.0
 18 01 01   1 23  -13.3  0.152 -9.000 -9.000 -999.  142.     25.4  0.04   0.91
1.00    2.30  114.   10.0  280.4    2.0
 18 01 01   1 24  -13.7  0.154 -9.000 -9.000 -999.  145.     26.1  0.04   0.91
1.00    2.33   97.   10.0  280.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01   10.0 1   14.    1.42   278.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***        15:25:48

                                    PAGE 504
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL      ***
                                    INCLUDING SOURCE(S):     L0001271    , L0001272
, L0001273    , L0001274    , L0001275    ,
                   L0001276    , L0001277    , L0001278    , L0001279    , L0001280
, L0001281    , L0001282    , L0001283    ,
                   L0001284    , L0001285    , L0001286    , L0001287    , L0001288
, L0001289    , L0001290    , L0001291    ,
                   L0001292    , L0001293    , L0001294    , L0001295    , L0001296
, L0001297    , L0001298    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -
652763.96 4219991.30 4.76177 652783.96
4219991.30 3.64262
652803.96 4219991.30 2.90160 652823.96
4219991.30 2.41567
652843.96 4219991.30 2.11153 652763.96
4220011.30 5.12705
652783.96 4220011.30 3.91064 652803.96
4220011.30 3.12063
652823.96 4220011.30 2.62380 652843.96
4220011.30 2.34991
652763.96 4220031.30 5.52190 652783.96
4220031.30 4.21956
652803.96 4220031.30 3.39715 652823.96
4220031.30 2.92904
652843.96 4220031.30 2.74741 652763.96
4220051.30 6.00953
652783.96 4220051.30 4.57847 652803.96
4220051.30 3.75529
652823.96 4220051.30 3.41852 652843.96
4220051.30 3.54582
652763.96 4220071.30 6.54778 652783.96
4220071.30 4.99291
652803.96 4220071.30 4.21911 652823.96
4220071.30 4.16309
652763.96 4220091.30 7.13578 652783.96
4220091.30 5.49221
652803.96 4220091.30 4.87234 652823.96
4220091.30 5.19273
652843.96 4220091.30 7.34555 652763.96
4220111.30 7.90631
652783.96 4220111.30 6.23473 652803.96
4220111.30 5.98643
652823.96 4220111.30 6.57658 652843.96
4220111.30 7.71675
652783.96 4220131.30 8.40302 652803.96
4220131.30 8.64883
652823.96 4220131.30 9.24579 653217.50
4220029.01 0.24599
653237.50 4220029.01 0.22554 653257.50
4220029.01 0.20773
653277.50 4220029.01 0.19212 653297.50
4220029.01 0.17836
653217.50 4220049.01 0.23411 653237.50
4220049.01 0.21490
653257.50 4220049.01 0.19817 653277.50
4220049.01 0.18351
653297.50 4220049.01 0.17059 653217.50
4220069.01 0.22188
653237.50 4220069.01 0.20403 653257.50

4220069.01   0.18848
         653277.50   4220069.01   0.17483   653297.50
4220069.01   0.16279
         653091.77   4220073.80   0.42794   653107.01
4220074.09   0.38730
         653127.01   4220074.09   0.34324   653147.01
4220074.09   0.30689
         653167.01   4220074.09   0.27653   653187.01
4220074.09   0.25088
         653207.01   4220074.09   0.22898   653226.41
4220070.49   0.21276
         653246.41   4220070.49   0.19608   653266.41
4220070.49   0.18150
         653286.41   4220070.49   0.16868   653306.41
4220070.49   0.15732
         653092.17   4220089.40   0.40232   653107.41
4220089.69   0.36482
         653127.41   4220089.69   0.32419   653147.41
4220089.69   0.29060
         653167.41   4220089.69   0.26248   653187.41
4220089.69   0.23868
         653207.41   4220089.69   0.21832   653226.41
4220090.49   0.20110
         653246.41   4220090.49   0.18576   653266.41
4220090.49   0.17233
         653286.41   4220090.49   0.16047   653306.41
4220090.49   0.14995
         653092.17   4220109.40   0.36980   653107.41
4220109.69   0.33655
         653127.41   4220109.69   0.30041   653147.41
4220109.69   0.27039

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                  INCLUDING SOURCE(S):   L0001271   , L0001272
, L0001273   , L0001274   , L0001275   ,
                 L0001276   , L0001277   , L0001278   , L0001279   , L0001280
, L0001281   , L0001282   , L0001283   ,
                 L0001284   , L0001285   , L0001286   , L0001287   , L0001288
, L0001289   , L0001290   , L0001291   ,
                 L0001292   , L0001293   , L0001294   , L0001295   , L0001296
, L0001297   , L0001298   , . . .   ,

*** 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
653167.41	4220109.69	0.24515	653187.41	4220109.69	0.22368
653207.41	4220109.69	0.20524	653226.41	4220110.49	0.18956
653246.41	4220110.49	0.17557	653266.41	4220110.49	0.16327
653286.41	4220110.49	0.15239	653306.41	4220110.49	0.14271
653092.88	4220123.48	0.34529	653108.12	4220123.76	0.31536
653128.12	4220123.76	0.28268	653148.12	4220123.76	0.25539
653168.12	4220123.76	0.23231	653188.12	4220123.76	0.21260
653208.12	4220123.76	0.19560	653227.12	4220124.56	0.18106
653247.12	4220124.56	0.16808	653267.12	4220124.56	0.15662
653287.12	4220124.56	0.14646	653307.12	4220124.56	0.13740
652875.28	4219709.68	1.01887	652895.28	4219709.68	0.91769
652915.28	4219709.68	0.83308	652935.28	4219709.68	0.76141
652955.28	4219709.68	0.69996	652975.28	4219709.68	0.64647
652995.28	4219709.68	0.59944	653015.28	4219709.68	0.55760
652875.28	4219729.68	1.04192	652895.28	4219729.68	0.93722
652915.28	4219729.68	0.85003	652935.28	4219729.68	0.77647
652955.28	4219729.68	0.71346	652975.28	4219729.68	0.65870
652995.28	4219729.68	0.61054	653015.28	4219729.68	0.56767
652875.28	4219749.68	1.06619	652895.28	4219749.68	0.95792
652915.28	4219749.68	0.86813	652935.28	4219749.68	0.79258

```
         652955.28    4219749.68        0.72800                      652975.28
4219749.68        0.67194
         652995.28    4219749.68        0.62260                      653015.28
4219749.68        0.57855
         652875.28    4219769.68        1.09188                      652895.28
4219769.68        0.97997
         652915.28    4219769.68        0.88759                      652935.28
4219769.68        0.81009
         652955.28    4219769.68        0.74397                      652975.28
4219769.68        0.68651
         652995.28    4219769.68        0.63583                      653015.28
4219769.68        0.59051
         652875.28    4219789.68        1.11939                      652895.28
4219789.68        1.00381
         652915.28    4219789.68        0.90882                      652935.28
4219789.68        0.82940
         652955.28    4219789.68        0.76169                      652975.28
4219789.68        0.70275
         652995.28    4219789.68        0.65059                      653015.28
4219789.68        0.60374
         652875.28    4219809.68        1.14900                      652895.28
4219809.68        1.02982
         652915.28    4219809.68        0.93235                      652935.28
4219809.68        0.85108
         652955.28    4219809.68        0.78171                      652975.28
4219809.68        0.72117
         652995.28    4219809.68        0.66726                      653015.28
4219809.68        0.61856
         652875.28    4219829.68        1.18131                      652895.28
4219829.68        1.05873
         652915.28    4219829.68        0.95900                      652935.28
4219829.68        0.87590
         652955.28    4219829.68        0.80480                      652975.28
4219829.68        0.74234
         652995.28    4219829.68        0.68626                      653015.28
4219829.68        0.63533
         652875.28    4219849.68        1.21721                      652895.28
4219849.68        1.09157
         652915.28    4219849.68        0.98984                      652935.28
4219849.68        0.90504
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:25:48

                                    PAGE 506
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL      ***
```

INCLUDING SOURCE(S): L0001271 , L0001272
, L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280
, L0001281 , L0001282 , L0001283 ,
L0001284 , L0001285 , L0001286 , L0001287 , L0001288
, L0001289 , L0001290 , L0001291 ,
L0001292 , L0001293 , L0001294 , L0001295 , L0001296
, L0001297 , L0001298 , . . . ,

*** 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
652955.28	4219849.68	0.83188	652975.28	4219849.68	0.76702
652995.28	4219849.68	0.70825	653015.28	4219849.68	0.65450
653396.88	4219710.60	0.18080	653416.88	4219710.60	0.17182
653436.88	4219710.60	0.16341	653456.88	4219710.60	0.15554
653476.88	4219710.60	0.14817	653496.88	4219710.60	0.14127
653516.88	4219710.60	0.13480	653396.88	4219730.60	0.17983
653416.88	4219730.60	0.17071	653436.88	4219730.60	0.16220
653456.88	4219730.60	0.15424	653476.88	4219730.60	0.14681
653496.88	4219730.60	0.13986	653516.88	4219730.60	0.13337
653396.88	4219750.60	0.17859	653416.88	4219750.60	0.16935
653436.88	4219750.60	0.16074	653456.88	4219750.60	0.15272
653476.88	4219750.60	0.14524	653496.88	4219750.60	0.13826
653516.88	4219750.60	0.13175	653396.88	4219770.60	0.17706
653416.88	4219770.60	0.16771	653436.88	4219770.60	0.15903
653456.88	4219770.60	0.15096	653476.88	4219770.60	0.14345
653496.88	4219770.60	0.13647	653516.88		

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4219770.60        0.12996
         653476.88    4219790.60        0.14144                    653496.88
4219790.60        0.13447
         653516.88    4219790.60        0.12798                    653476.88
4219810.60        0.13921
         653496.88    4219810.60        0.13227                    653516.88
4219810.60        0.12583
         653476.88    4219830.60        0.13675                    653496.88
4219830.60        0.12987
         653516.88    4219830.60        0.12350                    653476.88
4219850.60        0.13408
         653496.88    4219850.60        0.12729                    653516.88
4219850.60        0.12101
         653476.88    4219870.60        0.13121                    653496.88
4219870.60        0.12453
         653516.88    4219870.60        0.11837                    653476.88
4219890.60        0.12816
         653496.88    4219890.60        0.12162                    653516.88
4219890.60        0.11560
         652096.56    4220162.55        0.12616                    652116.56
4220162.55        0.13119
         652136.56    4220162.55        0.13651                    652156.56
4220162.55        0.14216
         652176.56    4220162.55        0.14816                    652196.56
4220162.55        0.15458
         652216.56    4220162.55        0.16145                    652236.56
4220162.55        0.16883
         652256.56    4220162.55        0.17679                    652276.56
4220162.55        0.18542
         652296.56    4220162.55        0.19479                    652316.56
4220162.55        0.20503
         652336.56    4220162.55        0.21627                    652356.56
4220162.55        0.22865
         652376.56    4220162.55        0.24236                    652396.56
4220162.55        0.25766
         652416.56    4220162.55        0.27480                    652436.56
4220162.55        0.29412
         652456.56    4220162.55        0.31612                    652096.56
4220182.55        0.12464
         652116.56    4220182.55        0.12951                    652136.56
4220182.55        0.13465
         652156.56    4220182.55        0.14011                    652176.56
4220182.55        0.14591
         652196.56    4220182.55        0.15210                    652216.56
4220182.55        0.15872
         652236.56    4220182.55        0.16582                    652256.56
4220182.55        0.17348
         652276.56    4220182.55        0.18176                    652296.56
4220182.55        0.19075
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , L0001283 ,
L0001284 , L0001285 , L0001286 , L0001287 , L0001288 , L0001289 , L0001290 , L0001291 ,
L0001292 , L0001293 , L0001294 , L0001295 , L0001296 , L0001297 , L0001298 , . . . ,

*** 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
652316.56	4220182.55	0.20056	652336.56	4220182.55	0.21130
652356.56	4220182.55	0.22311	652376.56	4220182.55	0.23618
652396.56	4220182.55	0.25069	652416.56	4220182.55	0.26692
652436.56	4220182.55	0.28516	652456.56	4220182.55	0.30586
652476.56	4220182.55	0.32957	652096.56	4220202.55	0.12312
652116.56	4220202.55	0.12782	652136.56	4220202.55	0.13280
652156.56	4220202.55	0.13806	652176.56	4220202.55	0.14366
652196.56	4220202.55	0.14963	652216.56	4220202.55	0.15601
652236.56	4220202.55	0.16285	652256.56	4220202.55	0.17021
652276.56	4220202.55	0.17816	652296.56	4220202.55	0.18678
652316.56	4220202.55	0.19616	652336.56	4220202.55	0.20642

652356.56 4220202.55 0.21768 652376.56
4220202.55 0.23011
652396.56 4220202.55 0.24387 652416.56
4220202.55 0.25921
652436.56 4220202.55 0.27641 652456.56
4220202.55 0.29584
652476.56 4220202.55 0.31800 652096.56
4220222.55 0.12158
652116.56 4220222.55 0.12613 652136.56
4220222.55 0.13094
652156.56 4220222.55 0.13602 652176.56
4220222.55 0.14143
652196.56 4220222.55 0.14718 652216.56
4220222.55 0.15332
652236.56 4220222.55 0.15989 652256.56
4220222.55 0.16696
652276.56 4220222.55 0.17459 652296.56
4220222.55 0.18285
652316.56 4220222.55 0.19182 652336.56
4220222.55 0.20160
652356.56 4220222.55 0.21232 652376.56
4220222.55 0.22411
652396.56 4220222.55 0.23714 652416.56
4220222.55 0.25162
652436.56 4220222.55 0.26778 652456.56
4220222.55 0.28599
652476.56 4220222.55 0.30664 652096.56
4220242.55 0.12004
652116.56 4220242.55 0.12444 652136.56
4220242.55 0.12908
652156.56 4220242.55 0.13399 652176.56
4220242.55 0.13920
652196.56 4220242.55 0.14473 652216.56
4220242.55 0.15064
652236.56 4220242.55 0.15696 652256.56
4220242.55 0.16374
652276.56 4220242.55 0.17105 652296.56
4220242.55 0.17894
652316.56 4220242.55 0.18750 652336.56
4220242.55 0.19682
652356.56 4220242.55 0.20700 652376.56
4220242.55 0.21817
652396.56 4220242.55 0.23047 652416.56
4220242.55 0.24408
652436.56 4220242.55 0.25919 652456.56
4220242.55 0.27618
652476.56 4220242.55 0.29529 652096.56
4220262.55 0.11849
652116.56 4220262.55 0.12273 652136.56
4220262.55 0.12721

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                    INCLUDING SOURCE(S):   L0001271   , L0001272
, L0001273   , L0001274   , L0001275   ,
                   L0001276   , L0001277   , L0001278   , L0001279   , L0001280
, L0001281   , L0001282   , L0001283   ,
                   L0001284   , L0001285   , L0001286   , L0001287   , L0001288
, L0001289   , L0001290   , L0001291   ,
                   L0001292   , L0001293   , L0001294   , L0001295   , L0001296
, L0001297   , L0001298   , . . .   ,

                                                *** 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
 -
- -
         652316.56   4220262.55   0.18319   652336.56
4220262.55   0.19204
         652356.56   4220262.55   0.20167   652376.56
4220262.55   0.21221
         652396.56   4220262.55   0.22377   652416.56
4220262.55   0.23651
         652436.56   4220262.55   0.25060   652456.56
4220262.55   0.26632
         652476.56   4220262.55   0.28388   652096.56
4220282.55   0.11692
         652116.56   4220282.55   0.12102   652136.56
4220282.55   0.12533
         652156.56   4220282.55   0.12989   652176.56

4220282.55 0.13471
652196.56 4220282.55 0.13983 652216.56
4220282.55 0.14527
652236.56 4220282.55 0.15108 652256.56
4220282.55 0.15729
652276.56 4220282.55 0.16395 652296.56
4220282.55 0.17112
652316.56 4220282.55 0.17885 652336.56
4220282.55 0.18722
652356.56 4220282.55 0.19631 652376.56
4220282.55 0.20621
652396.56 4220282.55 0.21702 652416.56
4220282.55 0.22888
652436.56 4220282.55 0.24193 652456.56
4220282.55 0.25639
652476.56 4220282.55 0.27241 652096.56
4220302.55 0.11532
652116.56 4220302.55 0.11927 652136.56
4220302.55 0.12343
652156.56 4220302.55 0.12781 652176.56
4220302.55 0.13244
652196.56 4220302.55 0.13734 652216.56
4220302.55 0.14255
652236.56 4220302.55 0.14810 652256.56
4220302.55 0.15401
652276.56 4220302.55 0.16035 652296.56
4220302.55 0.16715
652316.56 4220302.55 0.17446 652336.56
4220302.55 0.18235
652356.56 4220302.55 0.19089 652376.56
4220302.55 0.20014
652396.56 4220302.55 0.21021 652416.56
4220302.55 0.22116
652436.56 4220302.55 0.23317 652456.56
4220302.55 0.24633
652476.56 4220302.55 0.26077 652096.56
4220322.55 0.11369
652116.56 4220322.55 0.11749 652136.56
4220322.55 0.12149
652156.56 4220322.55 0.12569 652176.56
4220322.55 0.13013
652196.56 4220322.55 0.13482 652216.56
4220322.55 0.13979
652236.56 4220322.55 0.14508 652256.56
4220322.55 0.15070
652276.56 4220322.55 0.15671 652296.56
4220322.55 0.16314
652316.56 4220322.55 0.17003 652336.56
4220322.55 0.17743
652356.56 4220322.55 0.18540 652376.56

4220322.55 0.19401
  652396.56 4220322.55 0.20331 652416.56
4220322.55 0.21338
  652436.56 4220322.55 0.22434 652456.56
4220322.55 0.23621
  652476.56 4220322.55 0.24909 652096.56
4220342.55 0.11203
  652116.56 4220342.55 0.11568 652136.56
4220342.55 0.11951
  652156.56 4220342.55 0.12354 652176.56
4220342.55 0.12778
  652196.56 4220342.55 0.13225 652216.56
4220342.55 0.13699
  652236.56 4220342.55 0.14201 652256.56
4220342.55 0.14734
  652276.56 4220342.55 0.15301 652296.56
4220342.55 0.15906

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , L0001283 ,
L0001284 , L0001285 , L0001286 , L0001287 , L0001288 , L0001289 , L0001290 , L0001291 ,
L0001292 , L0001293 , L0001294 , L0001295 , L0001296 , L0001297 , L0001298 , . . . ,

*** 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
652316.56	4220342.55	0.16553	652336.56	4220342.55	0.17244
652356.56	4220342.55	0.17986	652376.56	4220342.55	0.18781

652396.56 4220342.55 0.19635 652416.56
4220342.55 0.20553
652436.56 4220342.55 0.21543 652456.56
4220342.55 0.22603
652476.56 4220342.55 0.23737 652096.56
4220362.55 0.11033
652116.56 4220362.55 0.11383 652136.56
4220362.55 0.11750
652156.56 4220362.55 0.12134 652176.56
4220362.55 0.12539
652196.56 4220362.55 0.12965 652216.56
4220362.55 0.13414
652236.56 4220362.55 0.13890 652256.56
4220362.55 0.14393
652276.56 4220362.55 0.14927 652296.56
4220362.55 0.15494
652316.56 4220362.55 0.16098 652336.56
4220362.55 0.16740
652356.56 4220362.55 0.17425 652376.56
4220362.55 0.18155
652396.56 4220362.55 0.18933 652416.56
4220362.55 0.19764
652436.56 4220362.55 0.20647 652456.56
4220362.55 0.21582
652476.56 4220362.55 0.22565 652096.56
4220382.55 0.10860
652116.56 4220382.55 0.11194 652136.56
4220382.55 0.11544
652156.56 4220382.55 0.11911 652176.56
4220382.55 0.12296
652196.56 4220382.55 0.12700 652216.56
4220382.55 0.13126
652236.56 4220382.55 0.13574 652256.56
4220382.55 0.14048
652276.56 4220382.55 0.14549 652296.56
4220382.55 0.15078
652316.56 4220382.55 0.15639 652336.56
4220382.55 0.16233
652356.56 4220382.55 0.16862 652376.56
4220382.55 0.17527
652396.56 4220382.55 0.18228 652416.56
4220382.55 0.18970
652436.56 4220382.55 0.19749 652456.56
4220382.55 0.20560
652476.56 4220382.55 0.21396 652096.56
4220402.55 0.10682
652116.56 4220402.55 0.11002 652136.56
4220402.55 0.11335
652156.56 4220402.55 0.11684 652176.56
4220402.55 0.12049

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         652196.56    4220402.55        0.12432                       652216.56
4220402.55        0.12833
         652236.56    4220402.55        0.13255                       652256.56
4220402.55        0.13699
         652276.56    4220402.55        0.14167                       652296.56
4220402.55        0.14658
         652316.56    4220402.55        0.15176                       652336.56
4220402.55        0.15721
         652356.56    4220402.55        0.16294                       652376.56
4220402.55        0.16894
         652396.56    4220402.55        0.17522                       652416.56
4220402.55        0.18176
         652436.56    4220402.55        0.18852                       652456.56
4220402.55        0.19543
         652476.56    4220402.55        0.20238                       652096.56
4220422.55        0.10501
         652116.56    4220422.55        0.10805                       652136.56
4220422.55        0.11122
         652156.56    4220422.55        0.11453                       652176.56
4220422.55        0.11799
         652196.56    4220422.55        0.12160                       652216.56
4220422.55        0.12538
         652236.56    4220422.55        0.12933                       652256.56
4220422.55        0.13348
         652276.56    4220422.55        0.13782                       652296.56
4220422.55        0.14236
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 510
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                    INCLUDING SOURCE(S):     L0001271    , L0001272
, L0001273    , L0001274    , L0001275    ,
                  L0001276    , L0001277    , L0001278    , L0001279    , L0001280
, L0001281    , L0001282    , L0001283    ,
                  L0001284    , L0001285    , L0001286    , L0001287    , L0001288
, L0001289    , L0001290    , L0001291    ,
                  L0001292    , L0001293    , L0001294    , L0001295    , L0001296
, L0001297    , L0001298    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	0.14711	652336.56	4220422.55	0.15207
652356.56	4220422.55	0.15724	652376.56	4220422.55	0.16260
652396.56	4220422.55	0.16813	652416.56	4220422.55	0.17383
652436.56	4220422.55	0.17958	652456.56	4220422.55	0.18534
652476.56	4220422.55	0.19098	652096.56	4220442.55	0.10317
652116.56	4220442.55	0.10606	652136.56	4220442.55	0.10907
652156.56	4220442.55	0.11220	652176.56	4220442.55	0.11547
652196.56	4220442.55	0.11886	652216.56	4220442.55	0.12240
652236.56	4220442.55	0.12609	652256.56	4220442.55	0.12993
652276.56	4220442.55	0.13394	652296.56	4220442.55	0.13811
652316.56	4220442.55	0.14243	652336.56	4220442.55	0.14691
652356.56	4220442.55	0.15152	652376.56	4220442.55	0.15624
652396.56	4220442.55	0.16107	652416.56	4220442.55	0.16591
652436.56	4220442.55	0.17073	652456.56	4220442.55	0.17542
652476.56	4220442.55	0.17986	652096.56	4220462.55	0.10131
652116.56	4220462.55	0.10405	652136.56	4220462.55	0.10690
652156.56	4220462.55	0.10985	652176.56	4220462.55	0.11291
652196.56	4220462.55	0.11609	652216.56	4220462.55	0.11939
652236.56	4220462.55	0.12282	652256.56	4220462.55	0.12637
652276.56	4220462.55	0.13004	652296.56	4220462.55	0.13383
652316.56	4220462.55	0.13773	652336.56	4220462.55	0.14173
652356.56	4220462.55	0.14579	652376.56	4220462.55	0.14990
652396.56	4220462.55	0.15402	652416.56		

4220462.55   0.15809
         652436.56   4220462.55   0.16202   652456.56
4220462.55   0.16573
         652476.56   4220462.55   0.16910   652096.56
4220482.55   0.09942
         652116.56   4220482.55   0.10202   652136.56
4220482.55   0.10470
         652156.56   4220482.55   0.10747   652176.56
4220482.55   0.11034
         652196.56   4220482.55   0.11331   652216.56
4220482.55   0.11637
         652236.56   4220482.55   0.11952   652256.56
4220482.55   0.12278
         652276.56   4220482.55   0.12612   652296.56
4220482.55   0.12954
         652316.56   4220482.55   0.13302   652336.56
4220482.55   0.13654
         652356.56   4220482.55   0.14008   652376.56
4220482.55   0.14360
         652396.56   4220482.55   0.14706   652416.56
4220482.55   0.15038
         652436.56   4220482.55   0.15350   652456.56
4220482.55   0.15633
         652476.56   4220482.55   0.15876   652216.56
4220502.55   0.11332
         652236.56   4220502.55   0.11621   652256.56
4220502.55   0.11917
         652276.56   4220502.55   0.12218   652296.56
4220502.55   0.12523
         652316.56   4220502.55   0.12830   652336.56
4220502.55   0.13137
         652356.56   4220502.55   0.13440   652376.56
4220502.55   0.13736
         652396.56   4220502.55   0.14019   652416.56
4220502.55   0.14284

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   L0001271   , L0001272
, L0001273   , L0001274   , L0001275   ,
                  L0001276   , L0001277   , L0001278   , L0001279   , L0001280
, L0001281   , L0001282   , L0001283   ,
                  L0001284   , L0001285   , L0001286   , L0001287   , L0001288

, L0001289   , L0001290   , L0001291   ,
                L0001292   , L0001293   , L0001294   , L0001295   , L0001296
, L0001297   , L0001298   , . . .   ,

                                          *** 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
 -
- -
         652436.56   4220502.55   0.14523   652456.56
4220502.55   0.14728
         652476.56   4220502.55   0.14890   652396.56
4220522.55   0.13347
         652416.56   4220522.55   0.13551   652436.56
4220522.55   0.13725
         652456.56   4220522.55   0.13863   652476.56
4220522.55   0.13955
 *** AERMOD - VERSION 22112 ***   *** LODI MAVERIK_CONSTRUCTION
                          ***   01/03/25
 *** AERMET - VERSION 21112 ***   ***
                          ***   15:25:48

                                    PAGE 512
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                          *** 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
 -

- -
652763.96 4219991.30 0.83293 652783.96
4219991.30 1.01026
652803.96 4219991.30 1.26672 652823.96
4219991.30 1.65223
652843.96 4219991.30 2.27024 652763.96
4220011.30 0.90887
652783.96 4220011.30 1.13386 652803.96
4220011.30 1.47484
652823.96 4220011.30 2.03304 652843.96
4220011.30 3.07357
652763.96 4220031.30 0.98142 652783.96
4220031.30 1.25878
652803.96 4220031.30 1.69437 652823.96
4220031.30 2.45824
652843.96 4220031.30 4.04549 652763.96
4220051.30 1.05226
652783.96 4220051.30 1.38218 652803.96
4220051.30 1.91632
652823.96 4220051.30 2.88989 652843.96
4220051.30 4.88398
652763.96 4220071.30 1.12250 652783.96
4220071.30 1.49764
652803.96 4220071.30 2.11521 652823.96
4220071.30 3.23951
652763.96 4220091.30 1.18842 652783.96
4220091.30 1.59444
652803.96 4220091.30 2.25960 652823.96
4220091.30 3.43882
652843.96 4220091.30 5.57594 652763.96
4220111.30 1.24213
652783.96 4220111.30 1.65995 652803.96
4220111.30 2.32331
652823.96 4220111.30 3.45839 652843.96
4220111.30 5.46931
652783.96 4220131.30 1.68915 652803.96
4220131.30 2.30914
652823.96 4220131.30 3.31374 653217.50
4220029.01 10.66075
653237.50 4220029.01 6.74359 653257.50
4220029.01 4.39336
653277.50 4220029.01 3.12038 653297.50
4220029.01 2.35666
653217.50 4220049.01 9.23339 653237.50
4220049.01 5.33752
653257.50 4220049.01 3.59322 653277.50
4220049.01 2.63375
653297.50 4220049.01 2.03787 653217.50
4220069.01 5.39514
653237.50 4220069.01 3.76154 653257.50

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4220069.01        2.77853
         653277.50    4220069.01        2.14829                       653297.50
4220069.01        1.71997
         653091.77    4220073.80       17.68661                       653107.01
4220074.09       14.42903
         653127.01    4220074.09       11.95084                       653147.01
4220074.09       10.37248
         653167.01    4220074.09        9.08800                       653187.01
4220074.09        7.66897
         653207.01    4220074.09        5.67677                       653226.41
4220070.49        4.41042
         653246.41    4220070.49        3.19191                       653266.41
4220070.49        2.42241
         653286.41    4220070.49        1.91078                       653306.41
4220070.49        1.55272
         653092.17    4220089.40       14.52976                       653107.41
4220089.69       11.16127
         653127.41    4220089.69        8.73685                       653147.41
4220089.69        7.27008
         653167.41    4220089.69        6.12459                       653187.41
4220089.69        4.97998
         653207.41    4220089.69        3.85598                       653226.41
4220090.49        3.00748
         653246.41    4220090.49        2.38242                       653266.41
4220090.49        1.91814
         653286.41    4220090.49        1.57386                       653306.41
4220090.49        1.31467
         653092.17    4220109.40       10.73568                       653107.41
4220109.69        8.00321
         653127.41    4220109.69        6.12210                       653147.41
4220109.69        4.97663
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 513
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                   L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                   L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                   L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,
```

*** 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
653167.41	4220109.69	4.09699	653187.41	4220109.69	3.33035
653207.41	4220109.69	2.70455	653226.41	4220110.49	2.22237
653246.41	4220110.49	1.84656	653266.41	4220110.49	1.54586
653286.41	4220110.49	1.30649	653306.41	4220110.49	1.11612
653092.88	4220123.48	7.78247	653108.12	4220123.76	6.03175
653128.12	4220123.76	4.73499	653148.12	4220123.76	3.87057
653168.12	4220123.76	3.19228	653188.12	4220123.76	2.63082
653208.12	4220123.76	2.18829	653227.12	4220124.56	1.83995
653247.12	4220124.56	1.56269	653267.12	4220124.56	1.33503
653287.12	4220124.56	1.14760	653307.12	4220124.56	0.99377
652875.28	4219709.68	0.24325	652895.28	4219709.68	0.25981
652915.28	4219709.68	0.27927	652935.28	4219709.68	0.30207
652955.28	4219709.68	0.32835	652975.28	4219709.68	0.35795
652995.28	4219709.68	0.39044	653015.28	4219709.68	0.42511
652875.28	4219729.68	0.27095	652895.28	4219729.68	0.29073
652915.28	4219729.68	0.31413	652935.28	4219729.68	0.34160
652955.28	4219729.68	0.37328	652975.28	4219729.68	0.40885
652995.28	4219729.68	0.44765	653015.28	4219729.68	0.48873
652875.28	4219749.68	0.30376	652895.28	4219749.68	0.32768
652915.28	4219749.68	0.35613	652935.28	4219749.68	0.38963

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         652955.28    4219749.68        0.42820                       652975.28
4219749.68        0.47131
         652995.28    4219749.68        0.51797                       653015.28
4219749.68        0.56691
         652875.28    4219769.68        0.34299                       652895.28
4219769.68        0.37228
         652915.28    4219769.68        0.40734                       652935.28
4219769.68        0.44871
         652955.28    4219769.68        0.49622                       652975.28
4219769.68        0.54896
         652995.28    4219769.68        0.60549                       653015.28
4219769.68        0.66411
         652875.28    4219789.68        0.39035                       652895.28
4219789.68        0.42675
         652915.28    4219789.68        0.47060                       652935.28
4219789.68        0.52243
         652955.28    4219789.68        0.58171                       652975.28
4219789.68        0.64691
         652995.28    4219789.68        0.71592                       653015.28
4219789.68        0.78651
         652875.28    4219809.68        0.44822                       652895.28
4219809.68        0.49417
         652915.28    4219809.68        0.54995                       652935.28
4219809.68        0.61596
         652955.28    4219809.68        0.69096                       652975.28
4219809.68        0.77245
         652995.28    4219809.68        0.85740                       653015.28
4219809.68        0.94287
         652875.28    4219829.68        0.51991                       652895.28
4219829.68        0.57901
         652915.28    4219829.68        0.65136                       652935.28
4219829.68        0.73692
         652955.28    4219829.68        0.83323                       652975.28
4219829.68        0.93628
         652995.28    4219829.68        1.04171                       653015.28
4219829.68        1.14575
         652875.28    4219849.68        0.61026                       652895.28
4219849.68        0.68795
         652915.28    4219849.68        0.78389                       652935.28
4219849.68        0.89703
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:25:48

                                    PAGE 514
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
```

INCLUDING SOURCE(S): L0001418 , L0001419
, L0001420 , L0001421 , L0001422 ,
L0001423 , L0001424 , L0001425 , L0001426 , L0001427
, L0001428 , L0001429 , L0001430 ,
L0001431 , L0001432 , L0001433 , L0001434 , L0001435
, L0001436 , L0001437 , L0001438 ,
L0001439 , L0001440 , L0001441 , L0001442 , L0001443
, L0001444 , L0001445 , . . . ,

*** 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
652955.28	4219849.68	1.02267	652975.28	4219849.68	1.15448
652995.28	4219849.68	1.28636	653015.28	4219849.68	1.41356
653396.88	4219710.60	0.64409	653416.88	4219710.60	0.61911
653436.88	4219710.60	0.59312	653456.88	4219710.60	0.56658
653476.88	4219710.60	0.53988	653496.88	4219710.60	0.51333
653516.88	4219710.60	0.48720	653396.88	4219730.60	0.69701
653416.88	4219730.60	0.66601	653436.88	4219730.60	0.63431
653456.88	4219730.60	0.60245	653476.88	4219730.60	0.57083
653496.88	4219730.60	0.53982	653516.88	4219730.60	0.50967
653396.88	4219750.60	0.75308	653416.88	4219750.60	0.71489
653436.88	4219750.60	0.67651	653456.88	4219750.60	0.63852
653476.88	4219750.60	0.60138	653496.88	4219750.60	0.56542
653516.88	4219750.60	0.53093	653396.88	4219770.60	0.81178
653416.88	4219770.60	0.76508	653436.88	4219770.60	0.71896
653456.88	4219770.60	0.67403	653476.88	4219770.60	0.63075
653496.88	4219770.60	0.58945	653516.88		

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4219770.60        0.55036
         653476.88    4219790.60        0.65803                    653496.88
4219790.60        0.61109
         653516.88    4219790.60        0.56728                    653476.88
4219810.60        0.68219
         653496.88    4219810.60        0.62948                    653516.88
4219810.60        0.58097
         653476.88    4219830.60        0.70207                    653496.88
4219830.60        0.64369
         653516.88    4219830.60        0.59073                    653476.88
4219850.60        0.71649
         653496.88    4219850.60        0.65287                    653516.88
4219850.60        0.59594
         653476.88    4219870.60        0.72439                    653496.88
4219870.60        0.65628
         653516.88    4219870.60        0.59615                    653476.88
4219890.60        0.72493
         653496.88    4219890.60        0.65346                    653516.88
4219890.60        0.59111
         652096.56    4220162.55        0.05992                    652116.56
4220162.55        0.06243
         652136.56    4220162.55        0.06514                    652156.56
4220162.55        0.06805
         652176.56    4220162.55        0.07119                    652196.56
4220162.55        0.07458
         652216.56    4220162.55        0.07826                    652236.56
4220162.55        0.08226
         652256.56    4220162.55        0.08662                    652276.56
4220162.55        0.09138
         652296.56    4220162.55        0.09660                    652316.56
4220162.55        0.10233
         652336.56    4220162.55        0.10866                    652356.56
4220162.55        0.11567
         652376.56    4220162.55        0.12346                    652396.56
4220162.55        0.13216
         652416.56    4220162.55        0.14191                    652436.56
4220162.55        0.15289
         652456.56    4220162.55        0.16534                    652096.56
4220182.55        0.06062
         652116.56    4220182.55        0.06319                    652136.56
4220182.55        0.06597
         652156.56    4220182.55        0.06895                    652176.56
4220182.55        0.07218
         652196.56    4220182.55        0.07567                    652216.56
4220182.55        0.07945
         652236.56    4220182.55        0.08356                    652256.56
4220182.55        0.08805
         652276.56    4220182.55        0.09296                    652296.56
4220182.55        0.09834
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 , L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , . . . ,

*** 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
652316.56	4220182.55	0.10426	652336.56	4220182.55	0.11079
652356.56	4220182.55	0.11803	652376.56	4220182.55	0.12609
652396.56	4220182.55	0.13509	652416.56	4220182.55	0.14518
652436.56	4220182.55	0.15656	652456.56	4220182.55	0.16947
652476.56	4220182.55	0.18420	652096.56	4220202.55	0.06142
652116.56	4220202.55	0.06407	652136.56	4220202.55	0.06692
652156.56	4220202.55	0.06999	652176.56	4220202.55	0.07330
652196.56	4220202.55	0.07689	652216.56	4220202.55	0.08079
652236.56	4220202.55	0.08503	652256.56	4220202.55	0.08965
652276.56	4220202.55	0.09471	652296.56	4220202.55	0.10026
652316.56	4220202.55	0.10637	652336.56	4220202.55	0.11312

652356.56 4220202.55 0.12060 652376.56
4220202.55 0.12893
652396.56 4220202.55 0.13823 652416.56
4220202.55 0.14868
652436.56 4220202.55 0.16045 652456.56
4220202.55 0.17381
652476.56 4220202.55 0.18906 652096.56
4220222.55 0.06233
652116.56 4220222.55 0.06505 652136.56
4220222.55 0.06798
652156.56 4220222.55 0.07114 652176.56
4220222.55 0.07455
652196.56 4220222.55 0.07824 652216.56
4220222.55 0.08225
652236.56 4220222.55 0.08662 652256.56
4220222.55 0.09138
652276.56 4220222.55 0.09659 652296.56
4220222.55 0.10231
652316.56 4220222.55 0.10862 652336.56
4220222.55 0.11558
652356.56 4220222.55 0.12330 652376.56
4220222.55 0.13189
652396.56 4220222.55 0.14149 652416.56
4220222.55 0.15228
652436.56 4220222.55 0.16443 652456.56
4220222.55 0.17823
652476.56 4220222.55 0.19397 652096.56
4220242.55 0.06333
652116.56 4220242.55 0.06612 652136.56
4220242.55 0.06913
652156.56 4220242.55 0.07238 652176.56
4220242.55 0.07588
652196.56 4220242.55 0.07968 652216.56
4220242.55 0.08380
652236.56 4220242.55 0.08829 652256.56
4220242.55 0.09319
652276.56 4220242.55 0.09856 652296.56
4220242.55 0.10445
652316.56 4220242.55 0.11093 652336.56
4220242.55 0.11810
652356.56 4220242.55 0.12605 652376.56
4220242.55 0.13489
652396.56 4220242.55 0.14478 652416.56
4220242.55 0.15587
652436.56 4220242.55 0.16838 652456.56
4220242.55 0.18257
652476.56 4220242.55 0.19874 652096.56
4220262.55 0.06439
652116.56 4220262.55 0.06726 652136.56
4220262.55 0.07034

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0001418 , L0001419 , L0001420 , L0001421 , L0001422 ,
L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 ,
L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , . . . ,

*** 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
652316.56	4220262.55	0.11325	652336.56	4220262.55	0.12061
652356.56	4220262.55	0.12877	652376.56	4220262.55	0.13785
652396.56	4220262.55	0.14800	652416.56	4220262.55	0.15938
652436.56	4220262.55	0.17220	652456.56	4220262.55	0.18673
652476.56	4220262.55	0.20326	652096.56	4220282.55	0.06548
652116.56	4220282.55	0.06842	652136.56	4220282.55	0.07158
652156.56	4220282.55	0.07499	652176.56		

4220282.55 0.07867
652196.56 4220282.55 0.08266 652216.56
4220282.55 0.08700
652236.56 4220282.55 0.09172 652256.56
4220282.55 0.09687
652276.56 4220282.55 0.10251 652296.56
4220282.55 0.10870
652316.56 4220282.55 0.11552 652336.56
4220282.55 0.12306
652356.56 4220282.55 0.13141 652376.56
4220282.55 0.14071
652396.56 4220282.55 0.15109 652416.56
4220282.55 0.16272
652436.56 4220282.55 0.17582 652456.56
4220282.55 0.19063
652476.56 4220282.55 0.20744 652096.56
4220302.55 0.06658
652116.56 4220302.55 0.06958 652136.56
4220302.55 0.07281
652156.56 4220302.55 0.07629 652176.56
4220302.55 0.08006
652196.56 4220302.55 0.08414 652216.56
4220302.55 0.08857
652236.56 4220302.55 0.09339 652256.56
4220302.55 0.09865
652276.56 4220302.55 0.10442 652296.56
4220302.55 0.11075
652316.56 4220302.55 0.11772 652336.56
4220302.55 0.12541
652356.56 4220302.55 0.13395 652376.56
4220302.55 0.14343
652396.56 4220302.55 0.15402 652416.56
4220302.55 0.16586
652436.56 4220302.55 0.17918 652456.56
4220302.55 0.19420
652476.56 4220302.55 0.21118 652096.56
4220322.55 0.06766
652116.56 4220322.55 0.07072 652136.56
4220322.55 0.07401
652156.56 4220322.55 0.07756 652176.56
4220322.55 0.08140
652196.56 4220322.55 0.08556 652216.56
4220322.55 0.09008
652236.56 4220322.55 0.09500 652256.56
4220322.55 0.10037
652276.56 4220322.55 0.10625 652296.56
4220322.55 0.11271
652316.56 4220322.55 0.11982 652336.56
4220322.55 0.12766
652356.56 4220322.55 0.13636 652376.56

4220322.55 0.14601
  652396.56 4220322.55 0.15676 652416.56
4220322.55 0.16879
  652436.56 4220322.55 0.18227 652456.56
4220322.55 0.19741
  652476.56 4220322.55 0.21446 652096.56
4220342.55 0.06870
  652116.56 4220342.55 0.07181 652136.56
4220342.55 0.07516
  652156.56 4220342.55 0.07878 652176.56
4220342.55 0.08269
  652196.56 4220342.55 0.08692 652216.56
4220342.55 0.09153
  652236.56 4220342.55 0.09654 652256.56
4220342.55 0.10201
  652276.56 4220342.55 0.10800 652296.56
4220342.55 0.11458

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0001418 , L0001419 , L0001420 , L0001421 , L0001422 ,
L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 ,
L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , . . . ,

*** 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
652316.56	4220342.55	0.12181	652336.56	4220342.55	0.12980
652356.56	4220342.55	0.13863	652376.56	4220342.55	0.14842

652396.56 4220342.55 0.15931 652416.56
4220342.55 0.17145
652436.56 4220342.55 0.18502 652456.56
4220342.55 0.20019
652476.56 4220342.55 0.21719 652096.56
4220362.55 0.06969
652116.56 4220362.55 0.07286 652136.56
4220362.55 0.07626
652156.56 4220362.55 0.07994 652176.56
4220362.55 0.08392
652196.56 4220362.55 0.08823 652216.56
4220362.55 0.09291
652236.56 4220362.55 0.09802 652256.56
4220362.55 0.10359
652276.56 4220362.55 0.10968 652296.56
4220362.55 0.11637
652316.56 4220362.55 0.12372 652336.56
4220362.55 0.13182
652356.56 4220362.55 0.14077 652376.56
4220362.55 0.15067
652396.56 4220362.55 0.16164 652416.56
4220362.55 0.17384
652436.56 4220362.55 0.18741 652456.56
4220362.55 0.20250
652476.56 4220362.55 0.21931 652096.56
4220382.55 0.07064
652116.56 4220382.55 0.07385 652136.56
4220382.55 0.07732
652156.56 4220382.55 0.08106 652176.56
4220382.55 0.08510
652196.56 4220382.55 0.08949 652216.56
4220382.55 0.09425
652236.56 4220382.55 0.09944 652256.56
4220382.55 0.10510
652276.56 4220382.55 0.11130 652296.56
4220382.55 0.11808
652316.56 4220382.55 0.12553 652336.56
4220382.55 0.13373
652356.56 4220382.55 0.14276 652376.56
4220382.55 0.15272
652396.56 4220382.55 0.16372 652416.56
4220382.55 0.17590
652436.56 4220382.55 0.18937 652456.56
4220382.55 0.20427
652476.56 4220382.55 0.22073 652096.56
4220402.55 0.07155
652116.56 4220402.55 0.07481 652136.56
4220402.55 0.07833
652156.56 4220402.55 0.08213 652176.56
4220402.55 0.08625

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         652196.56    4220402.55        0.09071                       652216.56
4220402.55        0.09555
         652236.56    4220402.55        0.10082                       652256.56
4220402.55        0.10657
         652276.56    4220402.55        0.11285                       652296.56
4220402.55        0.11972
         652316.56    4220402.55        0.12725                       652336.56
4220402.55        0.13551
         652356.56    4220402.55        0.14458                       652376.56
4220402.55        0.15455
         652396.56    4220402.55        0.16551                       652416.56
4220402.55        0.17758
         652436.56    4220402.55        0.19085                       652456.56
4220402.55        0.20542
         652476.56    4220402.55        0.22139                       652096.56
4220422.55        0.07242
         652116.56    4220422.55        0.07574                       652136.56
4220422.55        0.07932
         652156.56    4220422.55        0.08318                       652176.56
4220422.55        0.08737
         652196.56    4220422.55        0.09190                       652216.56
4220422.55        0.09681
         652236.56    4220422.55        0.10216                       652256.56
4220422.55        0.10799
         652276.56    4220422.55        0.11434                       652296.56
4220422.55        0.12127
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 518
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                  L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                  L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                  L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,

                                                *** 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
652316.56	4220422.55	0.12885	652336.56	4220422.55	0.13713
652356.56	4220422.55	0.14619	652376.56	4220422.55	0.15610
652396.56	4220422.55	0.16695	652416.56	4220422.55	0.17882
652436.56	4220422.55	0.19177	652456.56	4220422.55	0.20589
652476.56	4220422.55	0.22124	652096.56	4220442.55	0.07328
652116.56	4220442.55	0.07665	652136.56	4220442.55	0.08029
652156.56	4220442.55	0.08422	652176.56	4220442.55	0.08847
652196.56	4220442.55	0.09306	652216.56	4220442.55	0.09805
652236.56	4220442.55	0.10346	652256.56	4220442.55	0.10935
652276.56	4220442.55	0.11574	652296.56	4220442.55	0.12271
652316.56	4220442.55	0.13029	652336.56	4220442.55	0.13855
652356.56	4220442.55	0.14755	652376.56	4220442.55	0.15733
652396.56	4220442.55	0.16799	652416.56	4220442.55	0.17956
652436.56	4220442.55	0.19210	652456.56	4220442.55	0.20566
652476.56	4220442.55	0.22027	652096.56	4220462.55	0.07413
652116.56	4220462.55	0.07756	652136.56	4220462.55	0.08126
652156.56	4220462.55	0.08524	652176.56	4220462.55	0.08955
652196.56	4220462.55	0.09421	652216.56	4220462.55	0.09925
652236.56	4220462.55	0.10471	652256.56	4220462.55	0.11063
652276.56	4220462.55	0.11705	652296.56	4220462.55	0.12401
652316.56	4220462.55	0.13156	652336.56	4220462.55	0.13974
652356.56	4220462.55	0.14861	652376.56	4220462.55	0.15820
652396.56	4220462.55	0.16857	652416.56		

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4220462.55        0.17976
         652436.56    4220462.55        0.19180                        652456.56
4220462.55        0.20470
         652476.56    4220462.55        0.21848                        652096.56
4220482.55        0.07498
         652116.56    4220482.55        0.07847                        652136.56
4220482.55        0.08221
         652156.56    4220482.55        0.08625                        652176.56
4220482.55        0.09061
         652196.56    4220482.55        0.09532                        652216.56
4220482.55        0.10039
         652236.56    4220482.55        0.10588                        652256.56
4220482.55        0.11181
         652276.56    4220482.55        0.11821                        652296.56
4220482.55        0.12513
         652316.56    4220482.55        0.13260                        652336.56
4220482.55        0.14065
         652356.56    4220482.55        0.14932                        652376.56
4220482.55        0.15865
         652396.56    4220482.55        0.16868                        652416.56
4220482.55        0.17940
         652436.56    4220482.55        0.19085                        652456.56
4220482.55        0.20303
         652476.56    4220482.55        0.21591                        652216.56
4220502.55        0.10147
         652236.56    4220502.55        0.10695                        652256.56
4220502.55        0.11286
         652276.56    4220502.55        0.11921                        652296.56
4220502.55        0.12604
         652316.56    4220502.55        0.13337                        652336.56
4220502.55        0.14124
         652356.56    4220502.55        0.14967                        652376.56
4220502.55        0.15867
         652396.56    4220502.55        0.16828                        652416.56
4220502.55        0.17848
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 519
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                  L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                  L0001431    , L0001432    , L0001433    , L0001434    , L0001435
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, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                          *** 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
 -
- -
         652436.56   4220502.55   0.18929   652456.56
4220502.55   0.20068
         652476.56   4220502.55   0.21263   652396.56
4220522.55   0.16737
         652416.56   4220522.55   0.17701   652436.56
4220522.55   0.18714
         652456.56   4220522.55   0.19772   652476.56
4220522.55   0.20870

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                          *** 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
 -

- -
652763.96 4219991.30 5.59470 652783.96
4219991.30 4.65288
652803.96 4219991.30 4.16832 652823.96
4219991.30 4.06790
652843.96 4219991.30 4.38177 652763.96
4220011.30 6.03592
652783.96 4220011.30 5.04450 652803.96
4220011.30 4.59547
652823.96 4220011.30 4.65683 652843.96
4220011.30 5.42348
652763.96 4220031.30 6.50331 652783.96
4220031.30 5.47834
652803.96 4220031.30 5.09152 652823.96
4220031.30 5.38728
652843.96 4220031.30 6.79290 652763.96
4220051.30 7.06179
652783.96 4220051.30 5.96066 652803.96
4220051.30 5.67160
652823.96 4220051.30 6.30841 652843.96
4220051.30 8.42980
652763.96 4220071.30 7.67028 652783.96
4220071.30 6.49055
652803.96 4220071.30 6.33432 652823.96
4220071.30 7.40260
652763.96 4220091.30 8.32419 652783.96
4220091.30 7.08665
652803.96 4220091.30 7.13194 652823.96
4220091.30 8.63155
652843.96 4220091.30 12.92149 652763.96
4220111.30 9.14844
652783.96 4220111.30 7.89468 652803.96
4220111.30 8.30974
652823.96 4220111.30 10.03497 652843.96
4220111.30 13.18607
652783.96 4220131.30 10.09218 652803.96
4220131.30 10.95798
652823.96 4220131.30 12.55953 653217.50
4220029.01 10.90675
653237.50 4220029.01 6.96913 653257.50
4220029.01 4.60109
653277.50 4220029.01 3.31250 653297.50
4220029.01 2.53502
653217.50 4220049.01 9.46750 653237.50
4220049.01 5.55242
653257.50 4220049.01 3.79139 653277.50
4220049.01 2.81726
653297.50 4220049.01 2.20846 653217.50
4220069.01 5.61702
653237.50 4220069.01 3.96557 653257.50

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4220069.01        2.96701
         653277.50    4220069.01        2.32313                        653297.50
4220069.01        1.88276
         653091.77    4220073.80       18.11456                        653107.01
4220074.09       14.81633
         653127.01    4220074.09       12.29407                        653147.01
4220074.09       10.67937
         653167.01    4220074.09        9.36452                        653187.01
4220074.09        7.91984
         653207.01    4220074.09        5.90575                        653226.41
4220070.49        4.62318
         653246.41    4220070.49        3.38799                        653266.41
4220070.49        2.60391
         653286.41    4220070.49        2.07946                        653306.41
4220070.49        1.71004
         653092.17    4220089.40       14.93208                        653107.41
4220089.69       11.52609
         653127.41    4220089.69        9.06104                        653147.41
4220089.69        7.56068
         653167.41    4220089.69        6.38707                        653187.41
4220089.69        5.21866
         653207.41    4220089.69        4.07429                        653226.41
4220090.49        3.20858
         653246.41    4220090.49        2.56818                        653266.41
4220090.49        2.09046
         653286.41    4220090.49        1.73433                        653306.41
4220090.49        1.46463
         653092.17    4220109.40       11.10548                        653107.41
4220109.69        8.33976
         653127.41    4220109.69        6.42251                        653147.41
4220109.69        5.24702
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 521
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                   L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                   L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                   L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,
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*** 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
653167.41	4220109.69	4.34214	653187.41	4220109.69	3.55403
653207.41	4220109.69	2.90979	653226.41	4220110.49	2.41192
653246.41	4220110.49	2.02213	653266.41	4220110.49	1.70914
653286.41	4220110.49	1.45888	653306.41	4220110.49	1.25883
653092.88	4220123.48	8.12776	653108.12	4220123.76	6.34711
653128.12	4220123.76	5.01767	653148.12	4220123.76	4.12595
653168.12	4220123.76	3.42459	653188.12	4220123.76	2.84342
653208.12	4220123.76	2.38388	653227.12	4220124.56	2.02101
653247.12	4220124.56	1.73077	653267.12	4220124.56	1.49165
653287.12	4220124.56	1.29406	653307.12	4220124.56	1.13117
652875.28	4219709.68	1.26212	652895.28	4219709.68	1.17750
652915.28	4219709.68	1.11235	652935.28	4219709.68	1.06347
652955.28	4219709.68	1.02831	652975.28	4219709.68	1.00443
652995.28	4219709.68	0.98989	653015.28	4219709.68	0.98271
652875.28	4219729.68	1.31287	652895.28	4219729.68	1.22795
652915.28	4219729.68	1.16416	652935.28	4219729.68	1.11808
652955.28	4219729.68	1.08674	652975.28	4219729.68	1.06755
652995.28	4219729.68	1.05819	653015.28	4219729.68	1.05640
652875.28	4219749.68	1.36995	652895.28	4219749.68	1.28560
652915.28	4219749.68	1.22426	652935.28	4219749.68	1.18221

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         652955.28    4219749.68        1.15619                       652975.28
4219749.68        1.14324
         652995.28    4219749.68        1.14057                       653015.28
4219749.68        1.14546
         652875.28    4219769.68        1.43487                       652895.28
4219769.68        1.35225
         652915.28    4219769.68        1.29493                       652935.28
4219769.68        1.25880
         652955.28    4219769.68        1.24019                       652975.28
4219769.68        1.23547
         652995.28    4219769.68        1.24132                       653015.28
4219769.68        1.25462
         652875.28    4219789.68        1.50974                       652895.28
4219789.68        1.43056
         652915.28    4219789.68        1.37942                       652935.28
4219789.68        1.35184
         652955.28    4219789.68        1.34340                       652975.28
4219789.68        1.34966
         652995.28    4219789.68        1.36651                       653015.28
4219789.68        1.39025
         652875.28    4219809.68        1.59721                       652895.28
4219809.68        1.52399
         652915.28    4219809.68        1.48230                       652935.28
4219809.68        1.46704
         652955.28    4219809.68        1.47266                       652975.28
4219809.68        1.49362
         652995.28    4219809.68        1.52465                       653015.28
4219809.68        1.56143
         652875.28    4219829.68        1.70122                       652895.28
4219829.68        1.63774
         652915.28    4219829.68        1.61035                       652935.28
4219829.68        1.61282
         652955.28    4219829.68        1.63804                       652975.28
4219829.68        1.67862
         652995.28    4219829.68        1.72797                       653015.28
4219829.68        1.78109
         652875.28    4219849.68        1.82747                       652895.28
4219849.68        1.77952
         652915.28    4219849.68        1.77373                       652935.28
4219849.68        1.80207
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:25:48

                                    PAGE 522
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
```

INCLUDING SOURCE(S): L0001418 , L0001419
, L0001420 , L0001421 , L0001422 ,
L0001423 , L0001424 , L0001425 , L0001426 , L0001427
, L0001428 , L0001429 , L0001430 ,
L0001431 , L0001432 , L0001433 , L0001434 , L0001435
, L0001436 , L0001437 , L0001438 ,
L0001439 , L0001440 , L0001441 , L0001442 , L0001443
, L0001444 , L0001445 , . . . ,

*** 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
652955.28	4219849.68	1.85455	652975.28	4219849.68	1.92150
652995.28	4219849.68	1.99461	653015.28	4219849.68	2.06805
653396.88	4219710.60	0.82489	653416.88	4219710.60	0.79093
653436.88	4219710.60	0.75653	653456.88	4219710.60	0.72212
653476.88	4219710.60	0.68805	653496.88	4219710.60	0.65460
653516.88	4219710.60	0.62200	653396.88	4219730.60	0.87684
653416.88	4219730.60	0.83672	653436.88	4219730.60	0.79651
653456.88	4219730.60	0.75669	653476.88	4219730.60	0.71765
653496.88	4219730.60	0.67968	653516.88	4219730.60	0.64303
653396.88	4219750.60	0.93167	653416.88	4219750.60	0.88424
653436.88	4219750.60	0.83725	653456.88	4219750.60	0.79124
653476.88	4219750.60	0.74662	653496.88	4219750.60	0.70369
653516.88	4219750.60	0.66268	653396.88	4219770.60	0.98884
653416.88	4219770.60	0.93280	653436.88	4219770.60	0.87799
653456.88	4219770.60	0.82499	653476.88	4219770.60	0.77420
653496.88	4219770.60	0.72592	653516.88		

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4219770.60        0.68032
         653476.88    4219790.60        0.79948                    653496.88
4219790.60        0.74556
         653516.88    4219790.60        0.69526                    653476.88
4219810.60        0.82140
         653496.88    4219810.60        0.76175                    653516.88
4219810.60        0.70679
         653476.88    4219830.60        0.83882                    653496.88
4219830.60        0.77357
         653516.88    4219830.60        0.71423                    653476.88
4219850.60        0.85057
         653496.88    4219850.60        0.78016                    653516.88
4219850.60        0.71696
         653476.88    4219870.60        0.85560                    653496.88
4219870.60        0.78082
         653516.88    4219870.60        0.71452                    653476.88
4219890.60        0.85308
         653496.88    4219890.60        0.77508                    653516.88
4219890.60        0.70671
         652096.56    4220162.55        0.18608                    652116.56
4220162.55        0.19362
         652136.56    4220162.55        0.20165                    652156.56
4220162.55        0.21020
         652176.56    4220162.55        0.21935                    652196.56
4220162.55        0.22916
         652216.56    4220162.55        0.23971                    652236.56
4220162.55        0.25109
         652256.56    4220162.55        0.26341                    652276.56
4220162.55        0.27680
         652296.56    4220162.55        0.29139                    652316.56
4220162.55        0.30737
         652336.56    4220162.55        0.32493                    652356.56
4220162.55        0.34432
         652376.56    4220162.55        0.36583                    652396.56
4220162.55        0.38982
         652416.56    4220162.55        0.41671                    652436.56
4220162.55        0.44701
         652456.56    4220162.55        0.48146                    652096.56
4220182.55        0.18526
         652116.56    4220182.55        0.19270                    652136.56
4220182.55        0.20062
         652156.56    4220182.55        0.20906                    652176.56
4220182.55        0.21809
         652196.56    4220182.55        0.22776                    652216.56
4220182.55        0.23816
         652236.56    4220182.55        0.24938                    652256.56
4220182.55        0.26153
         652276.56    4220182.55        0.27472                    652296.56
4220182.55        0.28909
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 , L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , . . . ,

*** 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
652316.56	4220182.55	0.30482	652336.56	4220182.55	0.32209
652356.56	4220182.55	0.34115	652376.56	4220182.55	0.36227
652396.56	4220182.55	0.38578	652416.56	4220182.55	0.41211
652436.56	4220182.55	0.44172	652456.56	4220182.55	0.47533
652476.56	4220182.55	0.51378	652096.56	4220202.55	0.18454
652116.56	4220202.55	0.19189	652136.56	4220202.55	0.19971
652156.56	4220202.55	0.20805	652176.56	4220202.55	0.21697
652196.56	4220202.55	0.22652	652216.56	4220202.55	0.23679
652236.56	4220202.55	0.24787	652256.56	4220202.55	0.25986
652276.56	4220202.55	0.27287	652296.56	4220202.55	0.28704
652316.56	4220202.55	0.30253	652336.56	4220202.55	0.31954

652356.56 4220202.55 0.33828 652376.56
4220202.55 0.35903
652396.56 4220202.55 0.38210 652416.56
4220202.55 0.40789
652436.56 4220202.55 0.43686 652456.56
4220202.55 0.46965
652476.56 4220202.55 0.50706 652096.56
4220222.55 0.18392
652116.56 4220222.55 0.19118 652136.56
4220222.55 0.19892
652156.56 4220222.55 0.20716 652176.56
4220222.55 0.21597
652196.56 4220222.55 0.22542 652216.56
4220222.55 0.23557
652236.56 4220222.55 0.24651 652256.56
4220222.55 0.25834
652276.56 4220222.55 0.27118 652296.56
4220222.55 0.28516
652316.56 4220222.55 0.30043 652336.56
4220222.55 0.31718
652356.56 4220222.55 0.33562 652376.56
4220222.55 0.35600
652396.56 4220222.55 0.37864 652416.56
4220222.55 0.40390
652436.56 4220222.55 0.43221 652456.56
4220222.55 0.46422
652476.56 4220222.55 0.50061 652096.56
4220242.55 0.18337
652116.56 4220242.55 0.19056 652136.56
4220242.55 0.19821
652156.56 4220242.55 0.20637 652176.56
4220242.55 0.21508
652196.56 4220242.55 0.22441 652216.56
4220242.55 0.23445
652236.56 4220242.55 0.24525 652256.56
4220242.55 0.25694
652276.56 4220242.55 0.26961 652296.56
4220242.55 0.28339
652316.56 4220242.55 0.29843 652336.56
4220242.55 0.31492
652356.56 4220242.55 0.33305 652376.56
4220242.55 0.35306
652396.56 4220242.55 0.37525 652416.56
4220242.55 0.39995
652436.56 4220242.55 0.42757 652456.56
4220242.55 0.45875
652476.56 4220242.55 0.49402 652096.56
4220262.55 0.18288
652116.56 4220262.55 0.18999 652136.56
4220262.55 0.19756

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                   L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                   L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                   L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                                *** 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
 -
- -
         652316.56   4220262.55   0.29644   652336.56
4220262.55   0.31264
         652356.56   4220262.55   0.33044   652376.56
4220262.55   0.35006
         652396.56   4220262.55   0.37177   652416.56
4220262.55   0.39588
         652436.56   4220262.55   0.42280   652456.56
4220262.55   0.45306
         652476.56   4220262.55   0.48714   652096.56
4220282.55   0.18240
         652116.56   4220282.55   0.18944   652136.56
4220282.55   0.19691
         652156.56   4220282.55   0.20487   652176.56

4220282.55 0.21338
652196.56 4220282.55 0.22249 652216.56
4220282.55 0.23227
652236.56 4220282.55 0.24280 652256.56
4220282.55 0.25416
652276.56 4220282.55 0.26646 652296.56
4220282.55 0.27982
652316.56 4220282.55 0.29438 652336.56
4220282.55 0.31028
652356.56 4220282.55 0.32773 652376.56
4220282.55 0.34692
652396.56 4220282.55 0.36811 652416.56
4220282.55 0.39160
652436.56 4220282.55 0.41775 652456.56
4220282.55 0.44702
652476.56 4220282.55 0.47984 652096.56
4220302.55 0.18190
652116.56 4220302.55 0.18885 652136.56
4220302.55 0.19624
652156.56 4220302.55 0.20410 652176.56
4220302.55 0.21250
652196.56 4220302.55 0.22148 652216.56
4220302.55 0.23112
652236.56 4220302.55 0.24149 652256.56
4220302.55 0.25267
652276.56 4220302.55 0.26477 652296.56
4220302.55 0.27790
652316.56 4220302.55 0.29218 652336.56
4220302.55 0.30777
652356.56 4220302.55 0.32483 652376.56
4220302.55 0.34357
652396.56 4220302.55 0.36423 652416.56
4220302.55 0.38702
652436.56 4220302.55 0.41235 652456.56
4220302.55 0.44053
652476.56 4220302.55 0.47195 652096.56
4220322.55 0.18135
652116.56 4220322.55 0.18821 652136.56
4220322.55 0.19549
652156.56 4220322.55 0.20325 652176.56
4220322.55 0.21153
652196.56 4220322.55 0.22038 652216.56
4220322.55 0.22987
652236.56 4220322.55 0.24007 652256.56
4220322.55 0.25107
652276.56 4220322.55 0.26296 652296.56
4220322.55 0.27584
652316.56 4220322.55 0.28984 652336.56
4220322.55 0.30509
652356.56 4220322.55 0.32176 652376.56

4220322.55 0.34002
  652396.56 4220322.55 0.36007 652416.56
4220322.55 0.38217
  652436.56 4220322.55 0.40661 652456.56
4220322.55 0.43362
  652476.56 4220322.55 0.46355 652096.56
4220342.55 0.18073
  652116.56 4220342.55 0.18749 652136.56
4220342.55 0.19467
  652156.56 4220342.55 0.20232 652176.56
4220342.55 0.21047
  652196.56 4220342.55 0.21918 652216.56
4220342.55 0.22852
  652236.56 4220342.55 0.23855 652256.56
4220342.55 0.24935
  652276.56 4220342.55 0.26101 652296.56
4220342.55 0.27364

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                  L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                  L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                  L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                     *** 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
 -
- -
  652316.56 4220342.55 0.28734 652336.56
4220342.55 0.30224
  652356.56 4220342.55 0.31849 652376.56
4220342.55 0.33623

652396.56 4220342.55 0.35566 652416.56
4220342.55 0.37698
652436.56 4220342.55 0.40045 652456.56
4220342.55 0.42622
652476.56 4220342.55 0.45456 652096.56
4220362.55 0.18002
652116.56 4220362.55 0.18669 652136.56
4220362.55 0.19376
652156.56 4220362.55 0.20128 652176.56
4220362.55 0.20931
652196.56 4220362.55 0.21788 652216.56
4220362.55 0.22706
652236.56 4220362.55 0.23691 652256.56
4220362.55 0.24751
652276.56 4220362.55 0.25895 652296.56
4220362.55 0.27131
652316.56 4220362.55 0.28470 652336.56
4220362.55 0.29923
652356.56 4220362.55 0.31502 652376.56
4220362.55 0.33222
652396.56 4220362.55 0.35097 652416.56
4220362.55 0.37148
652436.56 4220362.55 0.39387 652456.56
4220362.55 0.41832
652476.56 4220362.55 0.44496 652096.56
4220382.55 0.17924
652116.56 4220382.55 0.18580 652136.56
4220382.55 0.19276
652156.56 4220382.55 0.20016 652176.56
4220382.55 0.20806
652196.56 4220382.55 0.21649 652216.56
4220382.55 0.22551
652236.56 4220382.55 0.23518 652256.56
4220382.55 0.24558
652276.56 4220382.55 0.25678 652296.56
4220382.55 0.26887
652316.56 4220382.55 0.28192 652336.56
4220382.55 0.29606
652356.56 4220382.55 0.31138 652376.56
4220382.55 0.32799
652396.56 4220382.55 0.34601 652416.56
4220382.55 0.36561
652436.56 4220382.55 0.38687 652456.56
4220382.55 0.40987
652476.56 4220382.55 0.43469 652096.56
4220402.55 0.17837
652116.56 4220402.55 0.18483 652136.56
4220402.55 0.19168
652156.56 4220402.55 0.19897 652176.56
4220402.55 0.20674

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         652196.56    4220402.55        0.21502                       652216.56
4220402.55        0.22388
         652236.56    4220402.55        0.23337                       652256.56
4220402.55        0.24356
         652276.56    4220402.55        0.25452                       652296.56
4220402.55        0.26630
         652316.56    4220402.55        0.27901                       652336.56
4220402.55        0.29272
         652356.56    4220402.55        0.30752                       652376.56
4220402.55        0.32349
         652396.56    4220402.55        0.34073                       652416.56
4220402.55        0.35934
         652436.56    4220402.55        0.37937                       652456.56
4220402.55        0.40084
         652476.56    4220402.55        0.42377                       652096.56
4220422.55        0.17743
         652116.56    4220422.55        0.18380                       652136.56
4220422.55        0.19054
         652156.56    4220422.55        0.19772                       652176.56
4220422.55        0.20536
         652196.56    4220422.55        0.21350                       652216.56
4220422.55        0.22219
         652236.56    4220422.55        0.23150                       652256.56
4220422.55        0.24146
         652276.56    4220422.55        0.25215                       652296.56
4220422.55        0.26363
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 526
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                  L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                  L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                  L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	0.27596	652336.56	4220422.55	0.28920
652356.56	4220422.55	0.30343	652376.56	4220422.55	0.31870
652396.56	4220422.55	0.33508	652416.56	4220422.55	0.35265
652436.56	4220422.55	0.37136	652456.56	4220422.55	0.39124
652476.56	4220422.55	0.41221	652096.56	4220442.55	0.17645
652116.56	4220442.55	0.18272	652136.56	4220442.55	0.18936
652156.56	4220442.55	0.19642	652176.56	4220442.55	0.20393
652196.56	4220442.55	0.21192	652216.56	4220442.55	0.22045
652236.56	4220442.55	0.22955	652256.56	4220442.55	0.23928
652276.56	4220442.55	0.24969	652296.56	4220442.55	0.26082
652316.56	4220442.55	0.27273	652336.56	4220442.55	0.28546
652356.56	4220442.55	0.29907	652376.56	4220442.55	0.31358
652396.56	4220442.55	0.32906	652416.56	4220442.55	0.34547
652436.56	4220442.55	0.36283	652456.56	4220442.55	0.38107
652476.56	4220442.55	0.40013	652096.56	4220462.55	0.17544
652116.56	4220462.55	0.18161	652136.56	4220462.55	0.18815
652156.56	4220462.55	0.19509	652176.56	4220462.55	0.20246
652196.56	4220462.55	0.21030	652216.56	4220462.55	0.21864
652236.56	4220462.55	0.22753	652256.56	4220462.55	0.23699
652276.56	4220462.55	0.24709	652296.56	4220462.55	0.25784
652316.56	4220462.55	0.26929	652336.56	4220462.55	0.28147
652356.56	4220462.55	0.29440	652376.56	4220462.55	0.30810
652396.56	4220462.55	0.32260	652416.56		

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4220462.55        0.33785
         652436.56    4220462.55        0.35382                        652456.56
4220462.55        0.37042
         652476.56    4220462.55        0.38757                        652096.56
4220482.55        0.17440
         652116.56    4220482.55        0.18048                        652136.56
4220482.55        0.18691
         652156.56    4220482.55        0.19373                        652176.56
4220482.55        0.20096
         652196.56    4220482.55        0.20862                        652216.56
4220482.55        0.21676
         652236.56    4220482.55        0.22541                        652256.56
4220482.55        0.23459
         652276.56    4220482.55        0.24433                        652296.56
4220482.55        0.25467
         652316.56    4220482.55        0.26562                        652336.56
4220482.55        0.27720
         652356.56    4220482.55        0.28941                        652376.56
4220482.55        0.30225
         652396.56    4220482.55        0.31573                        652416.56
4220482.55        0.32978
         652436.56    4220482.55        0.34435                        652456.56
4220482.55        0.35936
         652476.56    4220482.55        0.37467                        652216.56
4220502.55        0.21479
         652236.56    4220502.55        0.22316                        652256.56
4220502.55        0.23202
         652276.56    4220502.55        0.24139                        652296.56
4220502.55        0.25127
         652316.56    4220502.55        0.26167                        652336.56
4220502.55        0.27261
         652356.56    4220502.55        0.28406                        652376.56
4220502.55        0.29603
         652396.56    4220502.55        0.30847                        652416.56
4220502.55        0.32132
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:25:48

                                    PAGE 527
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                   L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                   L0001431    , L0001432    , L0001433    , L0001434    , L0001435
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, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                          *** 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
 -
- -
         652436.56   4220502.55   0.33452   652456.56
4220502.55   0.34797
         652476.56   4220502.55   0.36153   652396.56
4220522.55   0.30084
         652416.56   4220522.55   0.31252   652436.56
4220522.55   0.32439
         652456.56   4220522.55   0.33634   652476.56
4220522.55   0.34825

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                  INCLUDING SOURCE(S):   L0001271   , L0001272
, L0001273   , L0001274   , L0001275   ,
                L0001276   , L0001277   , L0001278   , L0001279   , L0001280
, L0001281   , L0001282   , L0001283   ,
                L0001284   , L0001285   , L0001286   , L0001287   , L0001288
, L0001289   , L0001290   , L0001291   ,
                L0001292   , L0001293   , L0001294   , L0001295   , L0001296
, L0001297   , L0001298   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        652763.96   4219991.30      132.03030  (19022508)                652783.96
4219991.30      102.69619  (19022508)
        652803.96   4219991.30       83.79182  (19022508)                652823.96
4219991.30       73.64741  (20022008)
        652843.96   4219991.30       77.74845  (22020708)                652763.96
4220011.30      142.03640  (19022508)
        652783.96   4220011.30      109.04609  (19022508)                652803.96
4220011.30       88.78576  (19022508)
        652823.96   4220011.30       83.73580  (20022008)                652843.96
4220011.30       92.59928  (22020708)
        652763.96   4220031.30      154.56779  (19022508)                652783.96
4220031.30      116.44976  (19022508)
        652803.96   4220031.30       94.62557  (19022508)                652823.96
4220031.30       93.89418  (20012008)
        652843.96   4220031.30      114.11347  (22020708)                652763.96
4220051.30      170.36176  (19022508)
        652783.96   4220051.30      125.29280  (19022508)                652803.96
4220051.30      101.60644  (19022508)
        652823.96   4220051.30      111.77953  (20021908)                652843.96
4220051.30      152.33836  (20022008)
        652763.96   4220071.30      190.14373  (19022508)                652783.96
4220071.30      135.86744  (19022508)
        652803.96   4220071.30      109.82915  (19022508)                652823.96
4220071.30      121.92465  (20022608)
        652763.96   4220091.30      215.08522  (19022508)                652783.96
4220091.30      148.57404  (19022508)
        652803.96   4220091.30      119.72713  (21102908)                652823.96
4220091.30      126.66771  (21102908)
        652843.96   4220091.30      186.25828  (21102908)                652763.96
4220111.30      248.84701  (19022508)
        652783.96   4220111.30      164.96609  (19022508)                652803.96
4220111.30      142.84220  (21102908)
        652823.96   4220111.30      149.37149  (21102908)                652843.96
4220111.30      182.44007  (21102908)
        652783.96   4220131.30      202.25374  (19111208)                652803.96
4220131.30      189.10413  (22120208)
        652823.96   4220131.30      193.99155  (22120208)                653217.50
4220029.01       24.63255  (19011408)
        653237.50   4220029.01       23.83044  (19011408)                653257.50
4220029.01       23.06620  (19011408)
        653277.50   4220029.01       22.33702  (19011408)                653297.50
4220029.01       21.64244  (19011408)
        653217.50   4220049.01       26.33353  (19011408)                653237.50
4220049.01       25.31298  (19011408)
        653257.50   4220049.01       24.35978  (19011408)                653277.50
4220049.01       23.46398  (19011408)
        653297.50   4220049.01       22.62247  (19011408)                653217.50
4220069.01       27.84991  (22011908)
        653237.50   4220069.01       26.76350  (22011908)                653257.50
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4220069.01   25.76335 (22011908)
        653277.50   4220069.01   24.83167 (22011908)   653297.50
4220069.01   23.96187 (22011908)
        653091.77   4220073.80   39.22741 (19011408)   653107.01
4220074.09   37.47370 (19011408)
        653127.01   4220074.09   35.32250 (19011408)   653147.01
4220074.09   33.37828 (19011408)
        653167.01   4220074.09   31.70660 (22011908)   653187.01
4220074.09   30.28802 (22011908)
        653207.01   4220074.09   28.98802 (22011908)   653226.41
4220070.49   27.49441 (22011908)
        653246.41   4220070.49   26.43207 (22011908)   653266.41
4220070.49   25.45015 (22011908)
        653286.41   4220070.49   24.53407 (22011908)   653306.41
4220070.49   23.68082 (22011908)
        653092.17   4220089.40   41.64915 (22011908)   653107.41
4220089.69   39.76069 (22011908)
        653127.41   4220089.69   37.46093 (22011908)   653147.41
4220089.69   35.40426 (22011908)
        653167.41   4220089.69   33.55707 (22011908)   653187.41
4220089.69   31.88828 (22011908)
        653207.41   4220089.69   30.37677 (22011908)   653226.41
4220090.49   29.11894 (22011908)
        653246.41   4220090.49   27.85405 (22011908)   653266.41
4220090.49   26.69642 (22011908)
        653286.41   4220090.49   25.63207 (22011908)   653306.41
4220090.49   24.64867 (22011908)
        653092.17   4220109.40   44.45453 (22011908)   653107.41
4220109.69   42.17371 (22011908)
        653127.41   4220109.69   39.48027 (22011908)   653147.41
4220109.69   37.10054 (22011908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                  INCLUDING SOURCE(S):   L0001271   , L0001272
, L0001273   , L0001274   , L0001275   ,
                L0001276   , L0001277   , L0001278   , L0001279   , L0001280
, L0001281   , L0001282   , L0001283   ,
                L0001284   , L0001285   , L0001286   , L0001287   , L0001288
, L0001289   , L0001290   , L0001291   ,
                L0001292   , L0001293   , L0001294   , L0001295   , L0001296
, L0001297   , L0001298   , . . .   ,

*** 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)
653167.41	4220109.69	34.98660	(22011908)	653187.41	4220109.69	33.09605	(22011908)
653207.41	4220109.69	31.39775	(22011908)	653226.41	4220110.49	29.95351	(22011908)
653246.41	4220110.49	28.55777	(22011908)	653266.41	4220110.49	27.29249	(22011908)
653286.41	4220110.49	26.13455	(22011908)	653306.41	4220110.49	25.07153	(22011908)
653092.88	4220123.48	44.65644	(22011908)	653108.12	4220123.76	42.29045	(22011908)
653128.12	4220123.76	39.53977	(22011908)	653148.12	4220123.76	37.11389	(22011908)
653168.12	4220123.76	34.96260	(22011908)	653188.12	4220123.76	33.04174	(22011908)
653208.12	4220123.76	31.31883	(22011908)	653227.12	4220124.56	29.82102	(22011908)
653247.12	4220124.56	28.41164	(22011908)	653267.12	4220124.56	27.13842	(22011908)
653287.12	4220124.56	25.97172	(22011908)	653307.12	4220124.56	24.90198	(22011908)
652875.28	4219709.68	39.70407	(22011409)	652895.28	4219709.68	37.11654	(22011409)
652915.28	4219709.68	34.86784	(22011409)	652935.28	4219709.68	32.88439	(22011409)
652955.28	4219709.68	31.10806	(22011409)	652975.28	4219709.68	29.50207	(22011409)
652995.28	4219709.68	28.02550	(22011409)	653015.28	4219709.68	26.65117	(22011409)
652875.28	4219729.68	40.40864	(22011409)	652895.28	4219729.68	37.71626	(22011409)
652915.28	4219729.68	35.38526	(22011409)	652935.28	4219729.68	33.33748	(22011409)
652955.28	4219729.68	31.51766	(22011409)	652975.28	4219729.68	29.88118	(22011409)
652995.28	4219729.68	28.38741	(22011409)	653015.28	4219729.68	27.00687	(22011409)
652875.28	4219749.68	41.15383	(22011409)	652895.28	4219749.68	38.35387	(22011409)
652915.28	4219749.68	35.93434	(22011409)	652935.28	4219749.68	33.81803	(22011409)

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        652955.28   4219749.68       31.94550  (22011409)                652975.28
4219749.68       30.26885  (22011409)
        652995.28   4219749.68       28.74755  (22011409)                653015.28
4219749.68       27.35322  (22011409)
        652875.28   4219769.68       41.93161  (22011409)                652895.28
4219769.68       39.02544  (22011409)
        652915.28   4219769.68       36.51647  (22011409)                652935.28
4219769.68       34.32642  (22011409)
        652955.28   4219769.68       32.39361  (22011409)                652975.28
4219769.68       30.67022  (22011409)
        652995.28   4219769.68       29.11543  (22011409)                653015.28
4219769.68       27.69568  (22011409)
        652875.28   4219789.68       42.73047  (22011409)                652895.28
4219789.68       39.72289  (22011409)
        652915.28   4219789.68       37.12713  (22011409)                652935.28
4219789.68       35.13651  (19011008)
        652955.28   4219789.68       32.89946  (19011008)                652975.28
4219789.68       31.09028  (22011409)
        652995.28   4219789.68       29.49437  (22011409)                653015.28
4219789.68       28.04511  (22011409)
        652875.28   4219809.68       43.54725  (22011409)                652895.28
4219809.68       40.44177  (22011409)
        652915.28   4219809.68       37.87011  (19011008)                652935.28
4219809.68       36.21912  (19011008)
        652955.28   4219809.68       33.62391  (19011008)                652975.28
4219809.68       31.52925  (22011409)
        652995.28   4219809.68       29.88743  (22011409)                653015.28
4219809.68       28.40385  (22011409)
        652875.28   4219829.68       44.41917  (21010808)                652895.28
4219829.68       41.17767  (22011409)
        652915.28   4219829.68       39.25456  (19011008)                652935.28
4219829.68       37.47049  (19011008)
        652955.28   4219829.68       34.31761  (19011008)                652975.28
4219829.68       31.98656  (22011409)
        652995.28   4219829.68       30.29710  (22011409)                653015.28
4219829.68       28.77404  (22011409)
        652875.28   4219849.68       45.41921  (21010808)                652895.28
4219849.68       41.93055  (22011409)
        652915.28   4219849.68       40.97586  (19011008)                652935.28
4219849.68       38.86535  (19011008)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 530
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
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INCLUDING SOURCE(S): L0001271 , L0001272
, L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280
, L0001281 , L0001282 , L0001283 ,
L0001284 , L0001285 , L0001286 , L0001287 , L0001288
, L0001289 , L0001290 , L0001291 ,
L0001292 , L0001293 , L0001294 , L0001295 , L0001296
, L0001297 , L0001298 , . . . ,

*** 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)
652955.28	4219849.68	34.89287	(19011008)	652975.28	4219849.68	32.64279	(20121108)
652995.28	4219849.68	30.72079	(22011409)	653015.28	4219849.68	29.15527	(22011409)
653396.88	4219710.60	17.33688	(19120308)	653416.88	4219710.60	16.96921	(19120308)
653436.88	4219710.60	16.54888	(19120308)	653456.88	4219710.60	16.07885	(19120308)
653476.88	4219710.60	15.56332	(19120308)	653496.88	4219710.60	15.00859	(19120308)
653516.88	4219710.60	14.42067	(19120308)	653396.88	4219730.60	17.56094	(19120308)
653416.88	4219730.60	17.08278	(19120308)	653436.88	4219730.60	16.54953	(19120308)
653456.88	4219730.60	15.96763	(19120308)	653476.88	4219730.60	15.34479	(19120308)
653496.88	4219730.60	14.68926	(19120308)	653516.88	4219730.60	14.01001	(19120308)
653396.88	4219750.60	17.64702	(19120308)	653416.88	4219750.60	17.03908	(19120308)
653436.88	4219750.60	16.37936	(19120308)	653456.88	4219750.60	15.67825	(19120308)
653476.88	4219750.60	14.94602	(19120308)	653496.88	4219750.60	14.19337	(19120308)
653516.88	4219750.60	13.72062	(19021908)	653396.88	4219770.60	17.54395	(19120308)
653416.88	4219770.60	16.79350	(19120308)	653436.88	4219770.60	16.00298	(19120308)
653456.88	4219770.60	15.18438	(19120308)	653476.88	4219770.60	14.52216	(19021908)
653496.88	4219770.60	14.02208	(19021908)	653516.88			

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4219770.60       13.49804  (19021908)
        653476.88   4219790.60       14.30754  (19021908)                653496.88
4219790.60       13.71201  (19021908)
        653516.88   4219790.60       13.10219  (19021908)                653476.88
4219810.60       13.89079  (19021908)
        653496.88   4219810.60       13.31317  (22011908)                653516.88
4219810.60       13.07491  (22011908)
        653476.88   4219830.60       13.62700  (22011908)                653496.88
4219830.60       13.37812  (22011908)
        653516.88   4219830.60       13.14051  (22011908)                653476.88
4219850.60       13.70649  (22011908)
        653496.88   4219850.60       13.45894  (22011908)                653516.88
4219850.60       13.22259  (22011908)
        653476.88   4219870.60       13.81079  (22011908)                653496.88
4219870.60       13.56505  (22011908)
        653516.88   4219870.60       13.33062  (22011908)                653476.88
4219890.60       13.95286  (22011908)
        653496.88   4219890.60       13.70920  (22011908)                653516.88
4219890.60       13.47634  (22011908)
        652096.56   4220162.55       17.75672  (22020808)                652116.56
4220162.55       18.25500  (22020808)
        652136.56   4220162.55       18.78471  (22020808)                652156.56
4220162.55       19.34881  (22020808)
        652176.56   4220162.55       19.95066  (22020808)                652196.56
4220162.55       20.59406  (22020808)
        652216.56   4220162.55       21.28329  (22020808)                652236.56
4220162.55       22.02323  (22020808)
        652256.56   4220162.55       22.81947  (22020808)                652276.56
4220162.55       23.67839  (22020808)
        652296.56   4220162.55       24.60734  (22020808)                652316.56
4220162.55       25.61480  (22020808)
        652336.56   4220162.55       26.71061  (22020808)                652356.56
4220162.55       27.90624  (22020808)
        652376.56   4220162.55       29.21512  (22020808)                652396.56
4220162.55       30.65734  (22020808)
        652416.56   4220162.55       32.24588  (22020808)                652436.56
4220162.55       34.00234  (22020808)
        652456.56   4220162.55       35.97062  (22020808)                652096.56
4220182.55       17.93997  (22020808)
        652116.56   4220182.55       18.44462  (22020808)                652136.56
4220182.55       18.98027  (22020808)
        652156.56   4220182.55       19.54970  (22020808)                652176.56
4220182.55       20.15683  (22020808)
        652196.56   4220182.55       20.80351  (22020808)                652216.56
4220182.55       21.49341  (22020808)
        652236.56   4220182.55       22.23167  (22020808)                652256.56
4220182.55       23.02424  (22020808)
        652276.56   4220182.55       23.87562  (22020808)                652296.56
4220182.55       24.79196  (22020808)
↟ *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0001271 , L0001272 , L0001273 , L0001274 , L0001275 , L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , L0001283 , L0001284 , L0001285 , L0001286 , L0001287 , L0001288 , L0001289 , L0001290 , L0001291 , L0001292 , L0001293 , L0001294 , L0001295 , L0001296 , L0001297 , L0001298 , . . . ,

*** 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)
652316.56	4220182.55	25.78019	(22020808)	652336.56	4220182.55	26.84814	(22020808)
652356.56	4220182.55	28.00634	(22020808)	652376.56	4220182.55	29.26336	(22020808)
652396.56	4220182.55	30.62840	(22020808)	652416.56	4220182.55	32.11806	(22020808)
652436.56	4220182.55	33.73938	(22020808)	652456.56	4220182.55	35.53214	(22020808)
652476.56	4220182.55	37.52937	(22020808)	652096.56	4220202.55	17.98418	(22020808)
652116.56	4220202.55	18.47773	(22020808)	652136.56	4220202.55	19.00088	(22020808)
652156.56	4220202.55	19.55300	(22020808)	652176.56	4220202.55	20.13947	(22020808)
652196.56	4220202.55	20.76056	(22020808)	652216.56	4220202.55	21.41982	(22020808)
652236.56	4220202.55	22.12027	(22020808)	652256.56	4220202.55	22.86513	(22020808)
652276.56	4220202.55	23.65787	(22020808)	652296.56	4220202.55	24.50211	(22020808)
652316.56	4220202.55	25.40168	(22020808)	652336.56	4220202.55	26.36046	(22020808)

652356.56 4220202.55 27.38233 (22020808) 652376.56
4220202.55 28.47276 (22020808)
652396.56 4220202.55 29.63159 (22020808) 652416.56
4220202.55 31.03412 (19012108)
652436.56 4220202.55 32.58414 (19012108) 652456.56
4220202.55 34.27566 (19012108)
652476.56 4220202.55 36.13706 (19012108) 652096.56
4220222.55 17.83644 (22020808)
652116.56 4220222.55 18.29853 (22020808) 652136.56
4220222.55 18.78408 (22020808)
652156.56 4220222.55 19.29370 (22020808) 652176.56
4220222.55 19.82943 (22020808)
652196.56 4220222.55 20.39010 (22020808) 652216.56
4220222.55 20.97926 (22020808)
652236.56 4220222.55 21.59766 (19012108) 652256.56
4220222.55 22.34335 (19012108)
652276.56 4220222.55 23.13736 (19012108) 652296.56
4220222.55 23.98423 (19012108)
652316.56 4220222.55 24.88371 (19012108) 652336.56
4220222.55 25.83961 (19012108)
652356.56 4220222.55 26.85361 (19012108) 652376.56
4220222.55 27.92625 (19012108)
652396.56 4220222.55 29.05633 (19012108) 652416.56
4220222.55 30.24272 (19012108)
652436.56 4220222.55 31.46996 (19012108) 652456.56
4220222.55 32.75825 (19012108)
652476.56 4220222.55 34.54194 (20011008) 652096.56
4220242.55 17.57860 (19012108)
652116.56 4220242.55 18.05189 (19012108) 652136.56
4220242.55 18.55097 (19012108)
652156.56 4220242.55 19.07636 (19012108) 652176.56
4220242.55 19.62934 (19012108)
652196.56 4220242.55 20.21105 (19012108) 652216.56
4220242.55 20.82250 (19012108)
652236.56 4220242.55 21.46444 (19012108) 652256.56
4220242.55 22.13723 (19012108)
652276.56 4220242.55 22.84072 (19012108) 652296.56
4220242.55 23.57397 (19012108)
652316.56 4220242.55 24.33502 (19012108) 652336.56
4220242.55 25.12051 (19012108)
652356.56 4220242.55 25.92703 (19012108) 652376.56
4220242.55 26.74313 (19012108)
652396.56 4220242.55 27.99204 (20011008) 652416.56
4220242.55 29.39131 (20011008)
652436.56 4220242.55 30.87796 (20011008) 652456.56
4220242.55 32.48319 (20011008)
652476.56 4220242.55 34.15987 (20011008) 652096.56
4220262.55 17.50897 (19012108)
652116.56 4220262.55 17.94787 (19012108) 652136.56
4220262.55 18.40544 (19012108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , L0001283 ,
L0001284 , L0001285 , L0001286 , L0001287 , L0001288 , L0001289 , L0001290 , L0001291 ,
L0001292 , L0001293 , L0001294 , L0001295 , L0001296 , L0001297 , L0001298 , . . . ,

*** 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)
652316.56	4220262.55	23.63501	(20011008)	652336.56	4220262.55	24.61020	(20011008)
652356.56	4220262.55	25.64336	(20011008)	652376.56	4220262.55	26.73001	(20011008)
652396.56	4220262.55	27.86137	(20011008)	652416.56	4220262.55	29.02263	(20011008)
652436.56	4220262.55	30.19334	(20011008)	652456.56	4220262.55	31.36186	(20011008)
652476.56	4220262.55	32.46513	(20011008)	652096.56	4220282.55	17.23896	(19012108)
652116.56	4220282.55	17.62065	(19012108)	652136.56	4220282.55	18.01067	(19012108)
652156.56	4220282.55	18.40755	(19012108)	652176.56	4220282.55	18.87998	(19012108)
652196.56	4220262.55	19.88388	(19012108)	652216.56	4220262.55	20.40957	(19012108)
652236.56	4220262.55	20.94919	(19012108)	652256.56	4220262.55	21.50013	(19012108)
652276.56	4220262.55	22.05873	(19012108)	652296.56	4220262.55	22.71929	(20011008)

4220282.55 18.81116 (19012108)
652196.56 4220282.55 19.21627 (19012108) 652216.56
4220282.55 19.83861 (20011008)
652236.56 4220282.55 20.51449 (20011008) 652256.56
4220282.55 21.22910 (20011008)
652276.56 4220282.55 21.98183 (20011008) 652296.56
4220282.55 22.77068 (20011008)
652316.56 4220282.55 23.59166 (20011008) 652336.56
4220282.55 24.43816 (20011008)
652356.56 4220282.55 25.30008 (20011008) 652376.56
4220282.55 26.16269 (20011008)
652396.56 4220282.55 27.00541 (20011008) 652416.56
4220282.55 27.80027 (20011008)
652436.56 4220282.55 28.85565 (18121908) 652456.56
4220282.55 30.44256 (18121908)
652476.56 4220282.55 32.08874 (18121908) 652096.56
4220302.55 16.73906 (19012108)
652116.56 4220302.55 17.16394 (20011008) 652136.56
4220302.55 17.65549 (20011008)
652156.56 4220302.55 18.17243 (20011008) 652176.56
4220302.55 18.71744 (20011008)
652196.56 4220302.55 19.28781 (20011008) 652216.56
4220302.55 19.88333 (20011008)
652236.56 4220302.55 20.50095 (20011008) 652256.56
4220302.55 21.13826 (20011008)
652276.56 4220302.55 21.79145 (20011008) 652296.56
4220302.55 22.45229 (20011008)
652316.56 4220302.55 23.11085 (20011008) 652336.56
4220302.55 23.75380 (20011008)
652356.56 4220302.55 24.36366 (20011008) 652376.56
4220302.55 25.05198 (18121908)
652396.56 4220302.55 26.23054 (18121908) 652416.56
4220302.55 27.45457 (18121908)
652436.56 4220302.55 28.71919 (18121908) 652456.56
4220302.55 29.97640 (18121908)
652476.56 4220302.55 31.15584 (18121908) 652096.56
4220322.55 16.77878 (20011008)
652116.56 4220322.55 17.22452 (20011008) 652136.56
4220322.55 17.68755 (20011008)
652156.56 4220322.55 18.16824 (20011008) 652176.56
4220322.55 18.66490 (20011008)
652196.56 4220322.55 19.17318 (20011008) 652216.56
4220322.55 19.68911 (20011008)
652236.56 4220322.55 20.20926 (20011008) 652256.56
4220322.55 20.72578 (20011008)
652276.56 4220322.55 21.22958 (20011008) 652296.56
4220322.55 21.70909 (20011008)
652316.56 4220322.55 22.19379 (18121908) 652336.56
4220322.55 23.10396 (18121908)
652356.56 4220322.55 24.05914 (18121908) 652376.56

4220322.55   25.04562 (18121908)
        652396.56   4220322.55   26.04169 (18121908)   652416.56
4220322.55   27.01890 (18121908)
        652436.56   4220322.55   27.94279 (18121908)   652456.56
4220322.55   28.73808 (18121908)
        652476.56   4220322.55   29.44922 (20020608)   652096.56
4220342.55   16.74376 (20011008)
        652116.56   4220342.55   17.14779 (20011008)   652136.56
4220342.55   17.56100 (20011008)
        652156.56   4220342.55   17.97834 (20011008)   652176.56
4220342.55   18.39655 (20011008)
        652196.56   4220342.55   18.80969 (20011008)   652216.56
4220342.55   19.21303 (20011008)
        652236.56   4220342.55   19.59772 (20011008)   652256.56
4220342.55   19.96734 (18121908)
        652276.56   4220342.55   20.68784 (18121908)   652296.56
4220342.55   21.44596 (18121908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                    INCLUDING SOURCE(S):   L0001271   , L0001272
, L0001273   , L0001274   , L0001275   ,
                   L0001276   , L0001277   , L0001278   , L0001279   , L0001280
, L0001281   , L0001282   , L0001283   ,
                   L0001284   , L0001285   , L0001286   , L0001287   , L0001288
, L0001289   , L0001290   , L0001291   ,
                   L0001292   , L0001293   , L0001294   , L0001295   , L0001296
, L0001297   , L0001298   , . . .   ,

                                                *** 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)
 -
- -
        652316.56   4220342.55   22.23362 (18121908)   652336.56
4220342.55   23.03928 (18121908)
        652356.56   4220342.55   23.84705 (18121908)   652376.56
4220342.55   24.63002 (18121908)

652396.56 4220342.55 25.35659 (18121908) 652416.56
4220342.55 25.98909 (18121908)
652436.56 4220342.55 26.58606 (20020608) 652456.56
4220342.55 27.52305 (22010308)
652476.56 4220342.55 28.64677 (22010308) 652096.56
4220362.55 16.55898 (20011008)
652116.56 4220362.55 16.90118 (20011008) 652136.56
4220362.55 17.23904 (20011008)
652156.56 4220362.55 17.56785 (20011008) 652176.56
4220362.55 17.88264 (20011008)
652196.56 4220362.55 18.25196 (19121308) 652216.56
4220362.55 18.77051 (18121908)
652236.56 4220362.55 19.38369 (18121908) 652256.56
4220362.55 20.02156 (18121908)
652276.56 4220362.55 20.67942 (18121908) 652296.56
4220362.55 21.34673 (18121908)
652316.56 4220362.55 22.00966 (18121908) 652336.56
4220362.55 22.64937 (18121908)
652356.56 4220362.55 23.24112 (18121908) 652376.56
4220362.55 23.75352 (18121908)
652396.56 4220362.55 24.24744 (20020608) 652416.56
4220362.55 25.01783 (22010308)
652436.56 4220362.55 25.97194 (22010308) 652456.56
4220362.55 26.83161 (22010308)
652476.56 4220362.55 28.02726 (21021108) 652096.56
4220382.55 16.20077 (20011008)
652116.56 4220382.55 16.46027 (20011008) 652136.56
4220382.55 16.73155 (18121908)
652156.56 4220382.55 17.21223 (18121908) 652176.56
4220382.55 17.71726 (18121908)
652196.56 4220382.55 18.24240 (18121908) 652216.56
4220382.55 18.78598 (18121908)
652236.56 4220382.55 19.34078 (18121908) 652256.56
4220382.55 19.90025 (18121908)
652276.56 4220382.55 20.45239 (18121908) 652296.56
4220382.55 20.98234 (18121908)
652316.56 4220382.55 21.47002 (18121908) 652336.56
4220382.55 21.89486 (18121908)
652356.56 4220382.55 22.39447 (19121308) 652376.56
4220382.55 23.02912 (19121308)
652396.56 4220382.55 23.77522 (22010308) 652416.56
4220382.55 24.52902 (22010308)
652436.56 4220382.55 25.38715 (21021108) 652456.56
4220382.55 26.58760 (21021108)
652476.56 4220382.55 27.80648 (21021108) 652096.56
4220402.55 15.92174 (18121908)
652116.56 4220402.55 16.34283 (18121908) 652136.56
4220402.55 16.78116 (18121908)
652156.56 4220402.55 17.23565 (18121908) 652176.56
4220402.55 17.70296 (18121908)

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        652196.56   4220402.55       18.17608  (18121908)                652216.56
4220402.55       18.64937  (18121908)
        652236.56   4220402.55       19.11361  (18121908)                652256.56
4220402.55       19.55778  (18121908)
        652276.56   4220402.55       20.00621  (19121308)                652296.56
4220402.55       20.51406  (19121308)
        652316.56   4220402.55       21.04227  (19121308)                652336.56
4220402.55       21.59561  (19121308)
        652356.56   4220402.55       22.17968  (19121308)                652376.56
4220402.55       22.80073  (19121308)
        652396.56   4220402.55       23.46706  (19121308)                652416.56
4220402.55       24.24692  (21021108)
        652436.56   4220402.55       25.28662  (21021108)                652456.56
4220402.55       26.32151  (21021108)
        652476.56   4220402.55       27.28451  (21021108)                652096.56
4220422.55       15.94613  (18121908)
        652116.56   4220422.55       16.34124  (18121908)                652136.56
4220422.55       16.74439  (18121908)
        652156.56   4220422.55       17.15182  (18121908)                652176.56
4220422.55       17.55777  (18121908)
        652196.56   4220422.55       17.97530  (19121308)                652216.56
4220422.55       18.43806  (19121308)
        652236.56   4220422.55       18.90148  (19121308)                652256.56
4220422.55       19.37096  (19121308)
        652276.56   4220422.55       19.85034  (19121308)                652296.56
4220422.55       20.34598  (19121308)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 534
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                    INCLUDING SOURCE(S):     L0001271    , L0001272
, L0001273    , L0001274    , L0001275    ,
                   L0001276    , L0001277    , L0001278    , L0001279    , L0001280
, L0001281    , L0001282    , L0001283    ,
                   L0001284    , L0001285    , L0001286    , L0001287    , L0001288
, L0001289    , L0001290    , L0001291    ,
                   L0001292    , L0001293    , L0001294    , L0001295    , L0001296
, L0001297    , L0001298    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652316.56	4220422.55	20.86083	(19121308)	652336.56	4220422.55	21.40116	(19121308)
652356.56	4220422.55	21.97345	(19121308)	652376.56	4220422.55	22.58306	(19121308)
652396.56	4220422.55	23.24192	(19121308)	652416.56	4220422.55	24.10585	(21021108)
652436.56	4220422.55	24.98466	(21021108)	652456.56	4220422.55	25.78575	(21021108)
652476.56	4220422.55	26.56237	(19121308)	652096.56	4220442.55	15.89382	(18121908)
652116.56	4220442.55	16.24585	(18121908)	652136.56	4220442.55	16.59523	(18121908)
652156.56	4220442.55	16.97310	(19121308)	652176.56	4220442.55	17.42878	(19121308)
652196.56	4220442.55	17.87782	(19121308)	652216.56	4220442.55	18.32477	(19121308)
652236.56	4220442.55	18.77383	(19121308)	652256.56	4220442.55	19.22986	(19121308)
652276.56	4220442.55	19.69706	(19121308)	652296.56	4220442.55	20.17967	(19121308)
652316.56	4220442.55	20.68372	(19121308)	652336.56	4220442.55	21.21354	(19121308)
652356.56	4220442.55	21.77706	(19121308)	652376.56	4220442.55	22.37791	(19121308)
652396.56	4220442.55	23.03251	(19121308)	652416.56	4220442.55	23.77787	(21021108)
652436.56	4220442.55	24.52081	(19121308)	652456.56	4220442.55	25.37209	(19121308)
652476.56	4220442.55	26.29704	(19121308)	652096.56	4220462.55	15.74273	(18121908)
652116.56	4220462.55	16.03560	(18121908)	652136.56	4220462.55	16.45906	(19121308)
652156.56	4220462.55	16.90559	(19121308)	652176.56	4220462.55	17.34423	(19121308)
652196.56	4220462.55	17.77815	(19121308)	652216.56	4220462.55	18.21118	(19121308)
652236.56	4220462.55	18.64701	(19121308)	652256.56	4220462.55	19.09032	(19121308)
652276.56	4220462.55	19.54608	(19121308)	652296.56	4220462.55	20.01863	(19121308)
652316.56	4220462.55	20.51249	(19121308)	652336.56	4220462.55	21.03432	(19121308)
652356.56	4220462.55	21.58912	(19121308)	652376.56	4220462.55	22.18508	(19121308)
652396.56	4220462.55	22.83297	(19121308)	652416.56			

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4220462.55       23.53747  (19121308)
        652436.56   4220462.55       24.30308  (19121308)                652456.56
4220462.55       25.12780  (19121308)
        652476.56   4220462.55       26.00603  (19121308)                652096.56
4220482.55       15.51230  (19121308)
        652116.56   4220482.55       15.96516  (19121308)                652136.56
4220482.55       16.40504  (19121308)
        652156.56   4220482.55       16.83484  (19121308)                652176.56
4220482.55       17.25829  (19121308)
        652196.56   4220482.55       17.67756  (19121308)                652216.56
4220482.55       18.09704  (19121308)
        652236.56   4220482.55       18.52077  (19121308)                652256.56
4220482.55       18.95341  (19121308)
        652276.56   4220482.55       19.39909  (19121308)                652296.56
4220482.55       19.86256  (19121308)
        652316.56   4220482.55       20.34898  (19121308)                652336.56
4220482.55       20.86391  (19121308)
        652356.56   4220482.55       21.41273  (19121308)                652376.56
4220482.55       22.00289  (19121308)
        652396.56   4220482.55       22.64428  (19121308)                652416.56
4220482.55       23.33529  (19121308)
        652436.56   4220482.55       24.07717  (19121308)                652456.56
4220482.55       24.86510  (19121308)
        652476.56   4220482.55       25.67502  (19121308)                652216.56
4220502.55       17.98371  (19121308)
        652236.56   4220502.55       18.39652  (19121308)                652256.56
4220502.55       18.81890  (19121308)
        652276.56   4220502.55       19.25578  (19121308)                652296.56
4220502.55       19.71152  (19121308)
        652316.56   4220502.55       20.19120  (19121308)                652336.56
4220502.55       20.70073  (19121308)
        652356.56   4220502.55       21.24432  (19121308)                652376.56
4220502.55       21.83012  (19121308)
        652396.56   4220502.55       22.45824  (19121308)                652416.56
4220502.55       23.12984  (19121308)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***        15:25:48

                                   PAGE 535
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                   INCLUDING SOURCE(S):     L0001271    , L0001272
, L0001273    , L0001274    , L0001275    ,
                L0001276    , L0001277    , L0001278    , L0001279    , L0001280
, L0001281    , L0001282    , L0001283    ,
                L0001284    , L0001285    , L0001286    , L0001287    , L0001288
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, L0001289   , L0001290   , L0001291   ,
                L0001292   , L0001293   , L0001294   , L0001295   , L0001296
, L0001297   , L0001298   , . . .   ,

                                            *** 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)
 -
- -
        652436.56   4220502.55   23.83765 (19121308)   652456.56
4220502.55   24.56618 (19121308)
        652476.56   4220502.55   25.28611 (19121308)   652396.56
4220522.55   22.26752 (19121308)
        652416.56   4220522.55   22.91023 (19121308)   652436.56
4220522.55   23.56849 (19121308)
        652456.56   4220522.55   24.21992 (19121308)   652476.56
4220522.55   24.82441 (19121308)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        652763.96   4219991.30      220.18037  (21021008)                652783.96
4219991.30      241.40903  (21021008)
        652803.96   4219991.30      263.45450  (21021008)                652823.96
4219991.30      284.59000  (21021008)
        652843.96   4219991.30      305.64077  (18121708)                652763.96
4220011.30      238.54313  (21022208)
        652783.96   4220011.30      261.18509  (21022208)                652803.96
4220011.30      288.35074  (21022208)
        652823.96   4220011.30      321.50566  (21022208)                652843.96
4220011.30      361.74684  (21022208)
        652763.96   4220031.30      240.49744  (18020108)                652783.96
4220031.30      265.23040  (21022208)
        652803.96   4220031.30      297.43072  (21022208)                652823.96
4220031.30      337.92701  (21022208)
        652843.96   4220031.30      389.06594  (21022208)                652763.96
4220051.30      252.66293  (18020108)
        652783.96   4220051.30      277.83912  (18020108)                652803.96
4220051.30      307.83658  (18020108)
        652823.96   4220051.30      344.33848  (18020108)                652843.96
4220051.30      389.77054  (18020108)
        652763.96   4220071.30      251.18049  (21011408)                652783.96
4220071.30      275.56122  (21011408)
        652803.96   4220071.30      304.08285  (21011408)                652823.96
4220071.30      338.13351  (21011408)
        652763.96   4220091.30      244.08703  (21011208)                652783.96
4220091.30      267.60889  (21011208)
        652803.96   4220091.30      294.90305  (21011208)                652823.96
4220091.30      334.97790  (22020808)
        652843.96   4220091.30      385.87869  (22020808)                652763.96
4220111.30      245.28859  (22020808)
        652783.96   4220111.30      272.63170  (22020808)                652803.96
4220111.30      305.34552  (22020808)
        652823.96   4220111.30      345.96630  (22020808)                652843.96
4220111.30      397.50696  (22020808)
        652783.96   4220131.30      266.23861  (19012108)                652803.96
4220131.30      296.03609  (19012108)
        652823.96   4220131.30      331.64569  (19012108)                653217.50
4220029.01      380.87417  (19011408)
        653237.50   4220029.01      334.13226  (19011408)                653257.50
4220029.01      283.40952  (19011408)
        653277.50   4220029.01      245.11593  (19011408)                653297.50
4220029.01      215.65501  (19011408)
        653217.50   4220049.01      407.56674  (22011908)                653237.50
4220049.01      344.44549  (22011908)
        653257.50   4220049.01      296.06574  (22011908)                653277.50
4220049.01      259.03104  (22011908)
        653297.50   4220049.01      229.75222  (22011908)                653217.50
4220069.01      320.87792  (22121609)
        653237.50   4220069.01      287.01065  (22011908)                653257.50
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4220069.01      259.84074  (22011908)
        653277.50   4220069.01      236.04703  (22011908)                653297.50
4220069.01      215.60768  (22011908)
        653091.77   4220073.80      420.67212  (19011408)                653107.01
4220074.09      382.84817  (19011408)
        653127.01   4220074.09      350.31754  (19011408)                653147.01
4220074.09      332.89990  (22112108)
        653167.01   4220074.09      321.41764  (22112108)                653187.01
4220074.09      311.29515  (22121609)
        653207.01   4220074.09      301.29164  (22121609)                653226.41
4220070.49      300.01262  (22121609)
        653246.41   4220070.49      269.26103  (22011908)                653266.41
4220070.49      245.20520  (22011908)
        653286.41   4220070.49      224.05576  (22011908)                653306.41
4220070.49      205.61840  (22011908)
        653092.17   4220089.40      403.01506  (19011408)                653107.41
4220089.69      354.63110  (22011908)
        653127.41   4220089.69      314.03906  (22011908)                653147.41
4220089.69      284.61726  (22011908)
        653167.41   4220089.69      264.20213  (22112108)                653187.41
4220089.69      251.16821  (22121609)
        653207.41   4220089.69      240.43263  (22121609)                653226.41
4220090.49      229.76545  (22121609)
        653246.41   4220090.49      220.93852  (22121609)                653266.41
4220090.49      209.01660  (22121609)
        653286.41   4220090.49      194.65535  (22121609)                653306.41
4220090.49      179.64784  (22121408)
        653092.17   4220109.40      384.24153  (22112108)                653107.41
4220109.69      342.33396  (22121609)
        653127.41   4220109.69      298.36788  (22121609)                653147.41
4220109.69      265.32149  (22121609)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 537
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                 L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                 L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                 L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,
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*** 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)
653167.41	4220109.69	240.87332	(22121609)	653187.41	4220109.69	222.46533	(22121609)
653207.41	4220109.69	208.25182	(22121609)	653226.41	4220110.49	196.80011	(22121609)
653246.41	4220110.49	188.14863	(22121609)	653266.41	4220110.49	181.04400	(22121609)
653286.41	4220110.49	173.91614	(22121609)	653306.41	4220110.49	166.03916	(22121609)
653092.88	4220123.48	361.11737	(22121609)	653108.12	4220123.76	319.80953	(22121609)
653128.12	4220123.76	280.91908	(22121609)	653148.12	4220123.76	251.24615	(22121609)
653168.12	4220123.76	227.95545	(22121609)	653188.12	4220123.76	209.47401	(22121609)
653208.12	4220123.76	194.74571	(22121609)	653227.12	4220124.56	182.86122	(22121609)
653247.12	4220124.56	173.53810	(22121609)	653267.12	4220124.56	166.21971	(22121609)
653287.12	4220124.56	160.04571	(22121609)	653307.12	4220124.56	154.19956	(22121609)
652875.28	4219709.68	89.56797	(20012208)	652895.28	4219709.68	87.30338	(20012208)
652915.28	4219709.68	85.36202	(22112508)	652935.28	4219709.68	83.49685	(22020708)
652955.28	4219709.68	87.46768	(22020708)	652975.28	4219709.68	89.21660	(22020708)
652995.28	4219709.68	92.02371	(22011008)	653015.28	4219709.68	94.19957	(21122808)
652875.28	4219729.68	94.63392	(20012208)	652895.28	4219729.68	92.69039	(20012208)
652915.28	4219729.68	90.18133	(22112508)	652935.28	4219729.68	88.10507	(22020708)
652955.28	4219729.68	92.12835	(22020708)	652975.28	4219729.68	93.82775	(22020708)
652995.28	4219729.68	97.03119	(22011008)	653015.28	4219729.68	99.34504	(21122808)
652875.28	4219749.68	100.06870	(20012208)	652895.28	4219749.68	98.49464	(20012208)
652915.28	4219749.68	95.43870	(22112508)	652935.28	4219749.68	93.28805	(22112508)

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        652955.28   4219749.68       97.27101  (22020708)                652975.28
4219749.68       98.99356  (22011008)
        652995.28   4219749.68      102.47806  (22011008)                653015.28
4219749.68      104.87761  (21122808)
        652875.28   4219769.68      105.91001  (20012208)                652895.28
4219769.68      104.80206  (20012208)
        652915.28   4219769.68      101.92685  (20012208)                652935.28
4219769.68       99.30192  (22112508)
        652955.28   4219769.68      102.98140  (22020708)                652975.28
4219769.68      105.26544  (22011008)
        652995.28   4219769.68      108.43406  (22011008)                653015.28
4219769.68      110.85858  (21122808)
        652875.28   4219789.68      112.25451  (20012208)                652895.28
4219789.68      111.68812  (20012208)
        652915.28   4219789.68      109.19718  (20012208)                652935.28
4219789.68      105.97323  (22112508)
        652955.28   4219789.68      109.36345  (22020708)                652975.28
4219789.68      112.17601  (22011008)
        652995.28   4219789.68      114.99194  (22011008)                653015.28
4219789.68      117.37189  (21122808)
        652875.28   4219809.68      119.20404  (20012208)                652895.28
4219809.68      119.25161  (20012208)
        652915.28   4219809.68      117.22869  (20012208)                652935.28
4219809.68      113.49271  (20012208)
        652955.28   4219809.68      116.55253  (22020708)                652975.28
4219809.68      119.83814  (22011008)
        652995.28   4219809.68      122.57688  (21122808)                653015.28
4219809.68      124.53299  (21122808)
        652875.28   4219829.68      127.17241  (20122808)                652895.28
4219829.68      127.63394  (20012208)
        652915.28   4219829.68      126.15715  (20012208)                652935.28
4219829.68      122.88496  (20012208)
        652955.28   4219829.68      124.73057  (22020708)                652975.28
4219829.68      128.40267  (22011008)
        652995.28   4219829.68      130.98425  (21122808)                653015.28
4219829.68      132.50169  (21122808)
        652875.28   4219849.68      136.79758  (20122808)                652895.28
4219849.68      137.03917  (20012208)
        652915.28   4219849.68      136.17159  (20012208)                652935.28
4219849.68      133.49541  (20012208)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 538
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
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                                  INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                  L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                  L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                  L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652955.28   4219849.68      134.14270  (22020708)                652975.28
4219849.68      138.07945  (22011008)
        652995.28   4219849.68      140.36726  (21122808)                653015.28
4219849.68      142.25145  (20021408)
        653396.88   4219710.60       58.61816  (18022108)                653416.88
4219710.60       62.07849  (18022108)
        653436.88   4219710.60       64.88886  (18022108)                653456.88
4219710.60       66.93245  (18022108)
        653476.88   4219710.60       68.11957  (18022108)                653496.88
4219710.60       68.39860  (18022108)
        653516.88   4219710.60       67.76374  (18022108)                653396.88
4219730.60       67.38841  (18022108)
        653416.88   4219730.60       70.22440  (18022108)                653436.88
4219730.60       72.19200  (18022108)
        653456.88   4219730.60       73.19253  (18022108)                653476.88
4219730.60       73.17230  (18022108)
        653496.88   4219730.60       72.13253  (18022108)                653516.88
4219730.60       70.29363  (18111508)
        653396.88   4219750.60       76.18814  (18022108)                653416.88
4219750.60       78.04192  (18022108)
        653436.88   4219750.60       78.80313  (18022108)                653456.88
4219750.60       78.41441  (18022108)
        653476.88   4219750.60       76.88541  (18022108)                653496.88
4219750.60       75.58152  (18111508)
        653516.88   4219750.60       75.95638  (19120308)                653396.88
4219770.60       84.58072  (18022108)
        653416.88   4219770.60       85.03883  (18022108)                653436.88
4219770.60       84.19766  (18022108)
        653456.88   4219770.60       82.07670  (18022108)                653476.88
4219770.60       82.02223  (19120308)
        653496.88   4219770.60       82.71573  (19120308)                653516.88
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4219770.60       82.39792  (19120308)
        653476.88   4219790.60       90.07593  (19120308)                653496.88
4219790.60       88.99232  (19120308)
        653516.88   4219790.60       86.85153  (19120308)                653476.88
4219810.60       96.01366  (19120308)
        653496.88   4219810.60       92.78514  (19120308)                653516.88
4219810.60       88.59998  (19120308)
        653476.88   4219830.60       98.86216  (19120308)                653496.88
4219830.60       93.30664  (19120308)
        653516.88   4219830.60       87.07782  (19120308)                653476.88
4219850.60       97.77163  (19120308)
        653496.88   4219850.60       90.98112  (19021908)                653516.88
4219850.60       86.54306  (19021908)
        653476.88   4219870.60       96.90155  (19021908)                653496.88
4219870.60       90.85318  (19021908)
        653516.88   4219870.60       84.46854  (19021908)                653476.88
4219890.60       94.24600  (19021908)
        653496.88   4219890.60       86.23257  (19021908)                653516.88
4219890.60       78.38655  (19021908)
        652096.56   4220162.55       46.43245  (21011208)                652116.56
4220162.55       47.77999  (21011208)
        652136.56   4220162.55       49.18038  (21011208)                652156.56
4220162.55       50.63579  (21011208)
        652176.56   4220162.55       52.14843  (21011208)                652196.56
4220162.55       53.72050  (21011208)
        652216.56   4220162.55       55.35418  (21011208)                652236.56
4220162.55       57.05162  (21011208)
        652256.56   4220162.55       58.81489  (21011208)                652276.56
4220162.55       60.64595  (21011208)
        652296.56   4220162.55       62.54656  (21011208)                652316.56
4220162.55       64.51825  (21011208)
        652336.56   4220162.55       66.56225  (21011208)                652356.56
4220162.55       68.67936  (21011208)
        652376.56   4220162.55       70.86985  (21011208)                652396.56
4220162.55       73.13834  (21011208)
        652416.56   4220162.55       76.49705  (22020808)                652436.56
4220162.55       81.03610  (22020808)
        652456.56   4220162.55       85.86251  (22020808)                652096.56
4220182.55       45.42568  (21011208)
        652116.56   4220182.55       46.58395  (21011208)                652136.56
4220182.55       47.77577  (21011208)
        652156.56   4220182.55       49.00130  (21011208)                652176.56
4220182.55       50.26177  (21011208)
        652196.56   4220182.55       51.55454  (21011208)                652216.56
4220182.55       52.87890  (21011208)
        652236.56   4220182.55       54.23521  (21011208)                652256.56
4220182.55       55.62373  (21011208)
        652276.56   4220182.55       57.04137  (21011208)                652296.56
4220182.55       59.14682  (22020808)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0001418 , L0001419 , L0001420 , L0001421 , L0001422 ,
L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 ,
L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , . . . ,

*** 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)
652316.56	4220182.55	62.19804	(22020808)	652336.56	4220182.55	65.40679	(22020808)
652356.56	4220182.55	68.77772	(22020808)	652376.56	4220182.55	72.31108	(22020808)
652396.56	4220182.55	76.00463	(22020808)	652416.56	4220182.55	79.85918	(22020808)
652436.56	4220182.55	83.86257	(22020808)	652456.56	4220182.55	88.02563	(22020808)
652476.56	4220182.55	92.34456	(22020808)	652096.56	4220202.55	43.29966	(21011208)
652116.56	4220202.55	44.21825	(21011208)	652136.56	4220202.55	45.15179	(21011208)
652156.56	4220202.55	46.09451	(21011208)	652176.56	4220202.55	47.47965	(22020808)
652196.56	4220202.55	49.65641	(22020808)	652216.56	4220202.55	51.93122	(22020808)
652236.56	4220202.55	54.30555	(22020808)	652256.56	4220202.55	56.78013	(22020808)
652276.56	4220202.55	59.35468	(22020808)	652296.56	4220202.55	62.02777	(22020808)
652316.56	4220202.55	64.79643	(22020808)	652336.56	4220202.55	67.65588	(22020808)

652356.56 4220202.55 70.59913 (22020808) 652376.56 4220202.55 73.61823 (22020808)
652396.56 4220202.55 76.69697 (22020808) 652416.56 4220202.55 79.82033 (22020808)
652436.56 4220202.55 82.96727 (22020808) 652456.56 4220202.55 86.12332 (22020808)
652476.56 4220202.55 90.10274 (19012108) 652096.56 4220222.55 42.49733 (22020808)
652116.56 4220222.55 44.25023 (22020808) 652136.56 4220222.55 46.06992 (22020808)
652156.56 4220222.55 47.95557 (22020808) 652176.56 4220222.55 49.90729 (22020808)
652196.56 4220222.55 51.92084 (22020808) 652216.56 4220222.55 53.99646 (22020808)
652236.56 4220222.55 56.12969 (22020808) 652256.56 4220222.55 58.31567 (22020808)
652276.56 4220222.55 60.54800 (22020808) 652296.56 4220222.55 62.81980 (22020808)
652316.56 4220222.55 65.11825 (22020808) 652336.56 4220222.55 67.43187 (22020808)
652356.56 4220222.55 69.74517 (22020808) 652376.56 4220222.55 72.03953 (22020808)
652396.56 4220222.55 74.57355 (19012108) 652416.56 4220222.55 78.53725 (19012108)
652436.56 4220222.55 82.55142 (19012108) 652456.56 4220222.55 86.60748 (19012108)
652476.56 4220222.55 90.65691 (19012108) 652096.56 4220242.55 44.32782 (22020808)
652116.56 4220242.55 45.93511 (22020808) 652136.56 4220242.55 47.58157 (22020808)
652156.56 4220242.55 49.26305 (22020808) 652176.56 4220242.55 50.97519 (22020808)
652196.56 4220242.55 52.71258 (22020808) 652216.56 4220242.55 54.46858 (22020808)
652236.56 4220242.55 56.23515 (22020808) 652256.56 4220242.55 58.00271 (22020808)
652276.56 4220242.55 59.75985 (22020808) 652296.56 4220242.55 61.49324 (22020808)
652316.56 4220242.55 63.18731 (22020808) 652336.56 4220242.55 66.17888 (19012108)
652356.56 4220242.55 69.31754 (19012108) 652376.56 4220242.55 72.47100 (19012108)
652396.56 4220242.55 75.60963 (19012108) 652416.56 4220242.55 78.69527 (19012108)
652436.56 4220242.55 81.67710 (19012108) 652456.56 4220242.55 84.54305 (19012108)
652476.56 4220242.55 87.20376 (19012108) 652096.56 4220262.55 45.07748 (22020808)
652116.56 4220262.55 46.45799 (22020808) 652136.56 4220262.55 47.84688 (22020808)

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4220262.55       50.62163  (22020808)
        652196.56   4220262.55       51.99172  (22020808)                652216.56
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        652236.56   4220262.55       54.64850  (22020808)                652256.56
4220262.55       56.75132  (19012108)
        652276.56   4220262.55       59.26236  (19012108)                652296.56
4220262.55       61.78925  (19012108)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 540
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                   L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                   L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                   L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652316.56   4220262.55       64.31130  (19012108)                652336.56
4220262.55       66.80372  (19012108)
        652356.56   4220262.55       69.23723  (19012108)                652376.56
4220262.55       71.57764  (19012108)
        652396.56   4220262.55       73.78554  (19012108)                652416.56
4220262.55       75.81613  (19012108)
        652436.56   4220262.55       77.62168  (19012108)                652456.56
4220262.55       79.16757  (19012108)
        652476.56   4220262.55       82.17958  (20011008)                652096.56
4220282.55       44.71237  (22020808)
        652116.56   4220282.55       45.80313  (22020808)                652136.56
4220282.55       46.87116  (22020808)
        652156.56   4220282.55       47.90829  (22020808)                652176.56
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        652236.56   4220282.55       55.54882  (19012108)                652256.56
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4220282.55       61.56594  (19012108)
        652316.56   4220282.55       63.43547  (19012108)                652336.56
4220282.55       65.19059  (19012108)
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4220302.55       53.64451  (19012108)
        652236.56   4220302.55       55.23725  (19012108)                652256.56
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        652276.56   4220302.55       58.17280  (19012108)                652296.56
4220302.55       59.46838  (19012108)
        652316.56   4220302.55       60.61325  (19012108)                652336.56
4220302.55       61.57806  (19012108)
        652356.56   4220302.55       62.33161  (19012108)                652376.56
4220302.55       65.27483  (20011008)
        652396.56   4220302.55       69.07754  (20011008)                652416.56
4220302.55       72.76462  (20011008)
        652436.56   4220302.55       76.27919  (20011008)                652456.56
4220302.55       79.52125  (20011008)
        652476.56   4220302.55       82.37771  (20011008)                652096.56
4220322.55       44.41535  (19012108)
        652116.56   4220322.55       45.84818  (19012108)                652136.56
4220322.55       47.25460  (19012108)
        652156.56   4220322.55       48.62398  (19012108)                652176.56
4220322.55       49.94234  (19012108)
        652196.56   4220322.55       51.19182  (19012108)                652216.56
4220322.55       52.35487  (19012108)
        652236.56   4220322.55       53.41478  (19012108)                652256.56
4220322.55       54.34979  (19012108)
        652276.56   4220322.55       55.13787  (19012108)                652296.56
4220322.55       55.75574  (19012108)
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4220322.55       60.56617  (20011008)
        652356.56   4220322.55       63.78365  (20011008)                652376.56
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4220322.55   72.45404 (20011008)
        652436.56   4220322.55   74.78235 (20011008)   652456.56
4220322.55   76.67556 (20011008)
        652476.56   4220322.55   78.05032 (20011008)   652096.56
4220342.55   44.35440 (19012108)
        652116.56   4220342.55   45.45468 (19012108)   652136.56
4220342.55   46.49649 (19012108)
        652156.56   4220342.55   47.46343 (19012108)   652176.56
4220342.55   48.34162 (19012108)
        652196.56   4220342.55   49.11409 (19012108)   652216.56
4220342.55   49.76609 (19012108)
        652236.56   4220342.55   50.27889 (19012108)   652256.56
4220342.55   50.72161 (20011008)
        652276.56   4220342.55   53.56691 (20011008)   652296.56
4220342.55   56.38321 (20011008)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                   L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                   L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                   L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
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4220342.55   61.74906 (20011008)
        652356.56   4220342.55   64.19579 (20011008)   652376.56
4220342.55   66.40259 (20011008)

652396.56 4220342.55 68.30449 (20011008) 652416.56
4220342.55 69.83706 (20011008)
652436.56 4220342.55 70.93689 (20011008) 652456.56
4220342.55 71.51525 (20011008)
652476.56 4220342.55 73.63797 (18122008) 652096.56
4220362.55 43.30169 (19012108)
652116.56 4220362.55 44.03732 (19012108) 652136.56
4220362.55 44.68438 (19012108)
652156.56 4220362.55 45.22977 (19012108) 652176.56
4220362.55 45.66075 (19012108)
652196.56 4220362.55 45.96039 (19012108) 652216.56
4220362.55 47.74233 (20011008)
652236.56 4220362.55 50.21930 (20011008) 652256.56
4220362.55 52.65201 (20011008)
652276.56 4220362.55 55.00635 (20011008) 652296.56
4220362.55 57.23993 (20011008)
652316.56 4220362.55 59.30673 (20011008) 652336.56
4220362.55 61.15643 (20011008)
652356.56 4220362.55 62.73523 (20011008) 652376.56
4220362.55 63.98710 (20011008)
652396.56 4220362.55 64.85540 (20011008) 652416.56
4220362.55 65.29529 (20011008)
652436.56 4220362.55 67.22261 (18122008) 652456.56
4220362.55 69.28500 (18121908)
652476.56 4220362.55 73.51129 (18121908) 652096.56
4220382.55 41.35604 (19012108)
652116.56 4220382.55 41.71906 (19012108) 652136.56
4220382.55 41.97432 (19012108)
652156.56 4220382.55 42.84005 (20011008) 652176.56
4220382.55 45.03020 (20011008)
652196.56 4220382.55 47.19470 (20011008) 652216.56
4220382.55 49.30884 (20011008)
652236.56 4220382.55 51.33944 (20011008) 652256.56
4220382.55 53.25366 (20011008)
652276.56 4220382.55 55.01204 (20011008) 652296.56
4220382.55 56.57304 (20011008)
652316.56 4220382.55 57.89145 (20011008) 652336.56
4220382.55 58.92593 (20011008)
652356.56 4220382.55 59.62714 (20011008) 652376.56
4220382.55 59.95264 (20011008)
652396.56 4220382.55 61.69831 (18122008) 652416.56
4220382.55 63.41821 (18122008)
652436.56 4220382.55 66.70858 (18121908) 652456.56
4220382.55 70.18824 (18121908)
652476.56 4220382.55 73.15213 (18121908) 652096.56
4220402.55 38.67427 (20011008)
652116.56 4220402.55 40.61874 (20011008) 652136.56
4220402.55 42.55121 (20011008)
652156.56 4220402.55 44.45226 (20011008) 652176.56
4220402.55 46.29815 (20011008)

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        652196.56   4220402.55       48.05934  (20011008)                652216.56
4220402.55       49.70784  (20011008)
        652236.56   4220402.55       51.21136  (20011008)                652256.56
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4220402.55       54.50218  (20011008)
        652316.56   4220402.55       55.07020  (20011008)                652336.56
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        652356.56   4220402.55       56.92132  (18122008)                652376.56
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        652396.56   4220402.55       60.82557  (18121908)                652416.56
4220402.55       64.05551  (18121908)
        652436.56   4220402.55       66.88236  (18121908)                652456.56
4220402.55       69.18571  (18121908)
        652476.56   4220402.55       70.84996  (18121908)                652096.56
4220422.55       40.28255  (20011008)
        652116.56   4220422.55       41.95735  (20011008)                652136.56
4220422.55       43.57354  (20011008)
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4220422.55       46.53798  (20011008)
        652196.56   4220422.55       47.83111  (20011008)                652216.56
4220422.55       48.96201  (20011008)
        652236.56   4220422.55       49.89885  (20011008)                652256.56
4220422.55       50.61322  (20011008)
        652276.56   4220422.55       51.07313  (20011008)                652296.56
4220422.55       51.25321  (20011008)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 542
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                   L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                   L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                   L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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652356.56	4220422.55	55.71976	(18121908)	652376.56	4220422.55	58.70243	(18121908)
652396.56	4220422.55	61.37103	(18121908)	652416.56	4220422.55	63.63025	(18121908)
652436.56	4220422.55	65.36715	(18121908)	652456.56	4220422.55	66.64638	(20020608)
652476.56	4220422.55	67.77405	(20020608)	652096.56	4220442.55	41.10395	(20011008)
652116.56	4220442.55	42.44582	(20011008)	652136.56	4220442.55	43.68805	(20011008)
652156.56	4220442.55	44.80608	(20011008)	652176.56	4220442.55	45.77647	(20011008)
652196.56	4220442.55	46.57168	(20011008)	652216.56	4220442.55	47.16820	(20011008)
652236.56	4220442.55	47.54136	(20011008)	652256.56	4220442.55	47.66876	(20011008)
652276.56	4220442.55	49.04773	(18122008)	652296.56	4220442.55	50.36026	(18122008)
652316.56	4220442.55	51.38485	(18122008)	652336.56	4220442.55	54.01077	(18121908)
652356.56	4220442.55	56.52328	(18121908)	652376.56	4220442.55	58.69577	(18121908)
652396.56	4220442.55	60.45758	(18121908)	652416.56	4220442.55	61.71436	(18121908)
652436.56	4220442.55	62.89567	(20020608)	652456.56	4220442.55	63.83717	(21121408)
652476.56	4220442.55	64.55661	(21121408)	652096.56	4220462.55	41.11817	(20011008)
652116.56	4220462.55	42.08743	(20011008)	652136.56	4220462.55	42.92127	(20011008)
652156.56	4220462.55	43.59872	(20011008)	652176.56	4220462.55	44.09960	(20011008)
652196.56	4220462.55	44.40268	(20011008)	652216.56	4220462.55	44.48871	(20011008)
652236.56	4220462.55	45.77346	(18122008)	652256.56	4220462.55	46.98219	(18122008)
652276.56	4220462.55	47.94339	(18122008)	652296.56	4220462.55	49.86654	(18121908)
652316.56	4220462.55	52.22558	(18121908)	652336.56	4220462.55	54.31337	(18121908)
652356.56	4220462.55	56.05616	(18121908)	652376.56	4220462.55	57.38502	(18121908)
652396.56	4220462.55	58.43212	(20020608)	652416.56			

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        652436.56   4220462.55       60.22848  (21121408)                652456.56
4220462.55       60.60465  (21121408)
        652476.56   4220462.55       63.19920  (22010308)                652096.56
4220482.55       40.35289  (20011008)
        652116.56   4220482.55       40.93256  (20011008)                652136.56
4220482.55       41.35256  (20011008)
        652156.56   4220482.55       41.59652  (20011008)                652176.56
4220482.55       41.64992  (20011008)
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4220482.55       43.96883  (18122008)
        652236.56   4220482.55       44.86927  (18122008)                652256.56
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        652276.56   4220482.55       48.40075  (18121908)                652296.56
4220482.55       50.39341  (18121908)
        652316.56   4220482.55       52.10367  (18121908)                652336.56
4220482.55       53.47003  (18121908)
        652356.56   4220482.55       54.43214  (18121908)                652376.56
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        652396.56   4220482.55       56.18436  (21121408)                652416.56
4220482.55       56.85036  (21121408)
        652436.56   4220482.55       57.58232  (22010308)                652456.56
4220482.55       60.21448  (22010308)
        652476.56   4220482.55       62.21147  (22010308)                652216.56
4220502.55       42.90633  (18121908)
        652236.56   4220502.55       44.98085  (18121908)                652256.56
4220502.55       46.87444  (18121908)
        652276.56   4220502.55       48.53582  (18121908)                652296.56
4220502.55       49.91107  (18121908)
        652316.56   4220502.55       50.94801  (18121908)                652336.56
4220502.55       51.82515  (20020608)
        652356.56   4220502.55       52.58042  (20020608)                652376.56
4220502.55       53.30493  (21121408)
        652396.56   4220502.55       53.69491  (21121408)                652416.56
4220502.55       55.15381  (22010308)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***        15:25:48

                                   PAGE 543
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                L0001431    , L0001432    , L0001433    , L0001434    , L0001435
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, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                          *** 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)
 -
- -
        652436.56   4220502.55   57.43356 (22010308)   652456.56
4220502.55   59.11957 (22010308)
        652476.56   4220502.55   60.11518 (22010308)   652396.56
4220522.55   52.86633 (22010308)
        652416.56   4220522.55   54.84263 (22010308)   652436.56
4220522.55   56.25854 (22010308)
        652456.56   4220522.55   57.03468 (22010308)   652476.56
4220522.55   57.68678 (20013108)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        652763.96   4219991.30      245.10936  (21021008)                652783.96
4219991.30      260.29077  (21021008)
        652803.96   4219991.30      278.58664  (21021008)                652823.96
4219991.30      297.78407  (18020708)
        652843.96   4219991.30      317.32223  (18121708)                652763.96
4220011.30      267.11013  (21022208)
        652783.96   4220011.30      283.24454  (21022208)                652803.96
4220011.30      306.19106  (21022208)
        652823.96   4220011.30      337.09894  (21022208)                652843.96
4220011.30      375.88906  (21022208)
        652763.96   4220031.30      278.36548  (21022208)                652783.96
4220031.30      296.83768  (21022208)
        652803.96   4220031.30      321.61281  (21022208)                652823.96
4220031.30      356.17181  (21022208)
        652843.96   4220031.30      405.25996  (21022208)                652763.96
4220051.30      292.55607  (18020108)
        652783.96   4220051.30      313.03859  (18020108)                652803.96
4220051.30      338.96023  (18020108)
        652823.96   4220051.30      369.35515  (18020108)                652843.96
4220051.30      418.08049  (19110508)
        652763.96   4220071.30      304.19390  (21011408)                652783.96
4220071.30      328.25065  (21011408)
        652803.96   4220071.30      360.41252  (21011408)                652823.96
4220071.30      402.00209  (21011408)
        652763.96   4220091.30      309.78132  (18110708)                652783.96
4220091.30      328.93869  (18110708)
        652803.96   4220091.30      365.65929  (18110708)                652823.96
4220091.30      419.45982  (18110708)
        652843.96   4220091.30      497.95388  (18110708)                652763.96
4220111.30      321.07523  (22020808)
        652783.96   4220111.30      348.57256  (22020808)                652803.96
4220111.30      387.61915  (22020808)
        652823.96   4220111.30      435.91387  (22020808)                652843.96
4220111.30      468.84569  (18021608)
        652783.96   4220131.30      367.01557  (22020808)                652803.96
4220131.30      402.08185  (18021608)
        652823.96   4220131.30      453.45263  (21021908)                653217.50
4220029.01      405.50672  (19011408)
        653237.50   4220029.01      357.96269  (19011408)                653257.50
4220029.01      306.47571  (19011408)
        653277.50   4220029.01      267.45295  (19011408)                653297.50
4220029.01      237.29745  (19011408)
        653217.50   4220049.01      433.31307  (22011908)                653237.50
4220049.01      369.33432  (22011908)
        653257.50   4220049.01      320.15225  (22011908)                653277.50
4220049.01      282.36005  (22011908)
        653297.50   4220049.01      252.36677  (22011908)                653217.50
4220069.01      342.57382  (22011908)
        653237.50   4220069.01      313.77415  (22011908)                653257.50
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4220069.01   285.60409 (22011908)
        653277.50   4220069.01   260.87871 (22011908)   653297.50
4220069.01   239.56955 (22011908)
        653091.77   4220073.80   459.89953 (19011408)   653107.01
4220074.09   420.32187 (19011408)
        653127.01   4220074.09   385.64004 (19011408)   653147.01
4220074.09   363.20793 (22011908)
        653167.01   4220074.09   348.26408 (22011908)   653187.01
4220074.09   334.64358 (22011908)
        653207.01   4220074.09   323.20685 (22121609)   653226.41
4220070.49   321.84667 (22011908)
        653246.41   4220070.49   295.69310 (22011908)   653266.41
4220070.49   270.65535 (22011908)
        653286.41   4220070.49   248.58982 (22011908)   653306.41
4220070.49   229.29922 (22011908)
        653092.17   4220089.40   444.05446 (19011408)   653107.41
4220089.69   394.39179 (22011908)
        653127.41   4220089.69   351.49999 (22011908)   653147.41
4220089.69   320.02152 (22011908)
        653167.41   4220089.69   296.08615 (22011908)   653187.41
4220089.69   276.73651 (22011908)
        653207.41   4220089.69   263.69662 (22121609)   653226.41
4220090.49   252.18519 (22121609)
        653246.41   4220090.49   242.47603 (22121609)   653266.41
4220090.49   229.74892 (22121609)
        653286.41   4220090.49   214.64916 (22121609)   653306.41
4220090.49   199.88613 (22121408)
        653092.17   4220109.40   419.66098 (22112108)   653107.41
4220109.69   376.32419 (22121609)
        653127.41   4220109.69   330.16442 (22121609)   653147.41
4220109.69   295.20531 (22121609)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                 L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                 L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                 L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

*** 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)
653167.41	4220109.69	269.07688	(22121609)	653187.41	4220109.69	249.18090	(22121609)
653207.41	4220109.69	233.64175	(22121609)	653226.41	4220110.49	221.14168	(22121609)
653246.41	4220110.49	211.40792	(22121609)	653266.41	4220110.49	203.32658	(22121609)
653286.41	4220110.49	195.30961	(22121609)	653306.41	4220110.49	186.61994	(22121609)
653092.88	4220123.48	400.09145	(22121609)	653108.12	4220123.76	356.65291	(22121609)
653128.12	4220123.76	315.23258	(22121609)	653148.12	4220123.76	283.35760	(22121609)
653168.12	4220123.76	258.13741	(22121609)	653188.12	4220123.76	237.95265	(22121609)
653208.12	4220123.76	221.71218	(22121609)	653227.12	4220124.56	208.62656	(22121609)
653247.12	4220124.56	198.07860	(22121609)	653267.12	4220124.56	189.66078	(22121609)
653287.12	4220124.56	182.48801	(22121609)	653307.12	4220124.56	175.73252	(22121609)
652875.28	4219709.68	97.83914	(20012208)	652895.28	4219709.68	95.66155	(22112508)
652915.28	4219709.68	93.36631	(22112508)	652935.28	4219709.68	96.52925	(22020708)
652955.28	4219709.68	97.89984	(22020708)	652975.28	4219709.68	99.45989	(22011008)
652995.28	4219709.68	100.85035	(22011008)	653015.28	4219709.68	102.23934	(21122808)
652875.28	4219729.68	103.13143	(20012208)	652895.28	4219729.68	100.44556	(22112508)
652915.28	4219729.68	98.32871	(22112508)	652935.28	4219729.68	101.20471	(22020708)
652955.28	4219729.68	102.53030	(22020708)	652975.28	4219729.68	104.44574	(22011008)
652995.28	4219729.68	105.84677	(21122808)	653015.28	4219729.68	106.96411	(21122808)
652875.28	4219749.68	108.80884	(20012208)	652895.28	4219749.68	106.04277	(20012208)
652915.28	4219749.68	103.73029	(22112508)	652935.28	4219749.68	106.37391	(22020708)

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        652955.28   4219749.68      107.62292  (22020708)                652975.28
4219749.68      109.87402  (22011008)
        652995.28   4219749.68      111.31341  (21122808)                653015.28
4219749.68      112.05361  (21122808)
        652875.28   4219769.68      114.91281  (20012208)                652895.28
4219769.68      112.51372  (20012208)
        652915.28   4219769.68      109.64987  (22112508)                652935.28
4219769.68      112.12115  (22020708)
        652955.28   4219769.68      113.28333  (22011008)                652975.28
4219769.68      115.80833  (22011008)
        652995.28   4219769.68      117.21587  (21122808)                653015.28
4219769.68      117.81617  (20021408)
        652875.28   4219789.68      121.54145  (20012208)                652895.28
4219789.68      119.57000  (20012208)
        652915.28   4219789.68      116.18215  (20012208)                652935.28
4219789.68      118.55318  (22020708)
        652955.28   4219789.68      120.22133  (22011008)                652975.28
4219789.68      122.33199  (22011008)
        652995.28   4219789.68      123.62415  (21122808)                653015.28
4219789.68      125.39395  (20021408)
        652875.28   4219809.68      128.80421  (20012208)                652895.28
4219809.68      127.31332  (20012208)
        652915.28   4219809.68      124.34357  (20012208)                652935.28
4219809.68      125.80581  (22020708)
        652955.28   4219809.68      127.92775  (22011008)                652975.28
4219809.68      129.55676  (22011008)
        652995.28   4219809.68      130.72299  (20021408)                653015.28
4219809.68      133.49961  (20021408)
        652875.28   4219829.68      136.85187  (20012208)                652895.28
4219829.68      135.88553  (20012208)
        652915.28   4219829.68      133.40802  (20012208)                652935.28
4219829.68      134.05628  (22020708)
        652955.28   4219829.68      136.53985  (22011008)                652975.28
4219829.68      137.87221  (21122808)
        652995.28   4219829.68      140.49064  (20021408)                653015.28
4219829.68      142.25760  (20021408)
        652875.28   4219849.68      145.89846  (20012208)                652895.28
4219849.68      145.49182  (20012208)
        652915.28   4219849.68      143.56635  (20012208)                652935.28
4219849.68      143.54422  (22020708)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:25:48

                                   PAGE 546
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

INCLUDING SOURCE(S): L0001418 , L0001419
, L0001420 , L0001421 , L0001422 ,
L0001423 , L0001424 , L0001425 , L0001426 , L0001427
, L0001428 , L0001429 , L0001430 ,
L0001431 , L0001432 , L0001433 , L0001434 , L0001435
, L0001436 , L0001437 , L0001438 ,
L0001439 , L0001440 , L0001441 , L0001442 , L0001443
, L0001444 , L0001445 , . . . ,

*** 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)
652955.28	4219849.68	146.24189	(22011008)	652975.28	4219849.68	147.59766	(20021408)
652995.28	4219849.68	151.07840	(20021408)	653015.28	4219849.68	151.88160	(20021408)
653396.88	4219710.60	73.76718	(18022108)	653416.88	4219710.60	76.38244	(18022108)
653436.88	4219710.60	78.32030	(18022108)	653456.88	4219710.60	79.47971	(18022108)
653476.88	4219710.60	79.78528	(18022108)	653496.88	4219710.60	79.19833	(18022108)
653516.88	4219710.60	77.72347	(18022108)	653396.88	4219730.60	82.05447	(18022108)
653416.88	4219730.60	83.93648	(18022108)	653436.88	4219730.60	84.94388	(18022108)
653456.88	4219730.60	84.99415	(18022108)	653476.88	4219730.60	84.04736	(18022108)
653496.88	4219730.60	82.11587	(18022108)	653516.88	4219730.60	82.27037	(19120308)
653396.88	4219750.60	90.17932	(18022108)	653416.88	4219750.60	90.98927	(18022108)
653436.88	4219750.60	90.72568	(18022108)	653456.88	4219750.60	89.34607	(18022108)
653476.88	4219750.60	87.71977	(19120308)	653496.88	4219750.60	88.99372	(19120308)
653516.88	4219750.60	89.38639	(19120308)	653396.88	4219770.60	97.70975	(18022108)
653416.88	4219770.60	97.06277	(18022108)	653436.88	4219770.60	95.16305	(18022108)
653456.88	4219770.60	95.49254	(19120308)	653476.88	4219770.60	96.37277	(19120308)
653496.88	4219770.60	96.22842	(19120308)	653516.88			

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4219770.60       95.07859  (19120308)
        653476.88   4219790.60      103.63073  (19120308)                653496.88
4219790.60      101.64454  (19120308)
        653516.88   4219790.60       98.62536  (19120308)                653476.88
4219810.60      108.58482  (19120308)
        653496.88   4219810.60      104.41658  (19120308)                653516.88
4219810.60       99.33454  (19120308)
        653476.88   4219830.60      110.29097  (19120308)                653496.88
4219830.60      103.79137  (19120308)
        653516.88   4219830.60       96.67756  (19120308)                653476.88
4219850.60      107.94381  (19120308)
        653496.88   4219850.60      102.57795  (19021908)                653516.88
4219850.60       97.36290  (19021908)
        653476.88   4219870.60      108.25838  (19021908)                653496.88
4219870.60      101.38326  (19021908)
        653516.88   4219870.60       94.21736  (19021908)                653476.88
4219890.60      104.39978  (19021908)
        653496.88   4219890.60       95.57405  (19021908)                653516.88
4219890.60       86.97241  (19021908)
        652096.56   4220162.55       64.11497  (21011208)                652116.56
4220162.55       65.93313  (21011208)
        652136.56   4220162.55       67.83127  (21011208)                652156.56
4220162.55       69.81391  (21011208)
        652176.56   4220162.55       71.88584  (21011208)                652196.56
4220162.55       74.05221  (21011208)
        652216.56   4220162.55       76.31847  (21011208)                652236.56
4220162.55       78.69048  (21011208)
        652256.56   4220162.55       81.17446  (21011208)                652276.56
4220162.55       83.77709  (21011208)
        652296.56   4220162.55       86.50550  (21011208)                652316.56
4220162.55       89.36732  (21011208)
        652336.56   4220162.55       92.37079  (21011208)                652356.56
4220162.55       95.52472  (21011208)
        652376.56   4220162.55       98.83865  (21011208)                652396.56
4220162.55      102.87939  (22020808)
        652416.56   4220162.55      108.74293  (22020808)                652436.56
4220162.55      115.03844  (22020808)
        652456.56   4220162.55      121.83314  (22020808)                652096.56
4220182.55       62.34801  (21011208)
        652116.56   4220182.55       63.92623  (21011208)                652136.56
4220182.55       65.55987  (21011208)
        652156.56   4220182.55       67.25075  (21011208)                652176.56
4220182.55       69.00287  (21011208)
        652196.56   4220182.55       70.81356  (21011208)                652216.56
4220182.55       72.68402  (21011208)
        652236.56   4220182.55       74.61794  (21011208)                652256.56
4220182.55       76.61941  (21011208)
        652276.56   4220182.55       80.12459  (22020808)                652296.56
4220182.55       83.93878  (22020808)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                  L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                  L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                  L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                                *** 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)
 -
- -
        652316.56   4220182.55   87.97823 (22020808)   652336.56
4220182.55   92.25493 (22020808)
        652356.56   4220182.55   96.78406 (22020808)   652376.56
4220182.55   101.57444 (22020808)
        652396.56   4220182.55   106.63303 (22020808)   652416.56
4220182.55   111.97724 (22020808)
        652436.56   4220182.55   117.60195 (22020808)   652456.56
4220182.55   123.55777 (22020808)
        652476.56   4220182.55   129.87393 (22020808)   652096.56
4220202.55   59.18073 (21011208)
        652116.56   4220202.55   60.44813 (21011208)   652136.56
4220202.55   62.41249 (22020808)
        652156.56   4220202.55   64.95109 (22020808)   652176.56
4220202.55   67.61912 (22020808)
        652196.56   4220202.55   70.41697 (22020808)   652216.56
4220202.55   73.35104 (22020808)
        652236.56   4220202.55   76.42582 (22020808)   652256.56
4220202.55   79.64526 (22020808)
        652276.56   4220202.55   83.01255 (22020808)   652296.56
4220202.55   86.52988 (22020808)
        652316.56   4220202.55   90.19811 (22020808)   652336.56
4220202.55   94.01634 (22020808)

652356.56 4220202.55 97.98146 (22020808) 652376.56
4220202.55 102.09099 (22020808)
652396.56 4220202.55 106.32856 (22020808) 652416.56
4220202.55 110.68315 (22020808)
652436.56 4220202.55 115.13462 (22020808) 652456.56
4220202.55 119.68013 (22020808)
652476.56 4220202.55 126.23980 (19012108) 652096.56
4220222.55 60.33377 (22020808)
652116.56 4220222.55 62.54876 (22020808) 652136.56
4220222.55 64.85400 (22020808)
652156.56 4220222.55 67.24927 (22020808) 652176.56
4220222.55 69.73671 (22020808)
652196.56 4220222.55 72.31094 (22020808) 652216.56
4220222.55 74.97572 (22020808)
652236.56 4220222.55 77.72688 (22020808) 652256.56
4220222.55 80.56045 (22020808)
652276.56 4220222.55 83.47065 (22020808) 652296.56
4220222.55 86.45205 (22020808)
652316.56 4220222.55 89.48919 (22020808) 652336.56
4220222.55 92.57061 (22020808)
652356.56 4220222.55 95.67865 (22020808) 652376.56
4220222.55 98.79100 (22020808)
652396.56 4220222.55 103.62988 (19012108) 652416.56
4220222.55 108.77997 (19012108)
652436.56 4220222.55 114.02138 (19012108) 652456.56
4220222.55 119.36573 (19012108)
652476.56 4220222.55 124.74744 (19012108) 652096.56
4220242.55 61.78367 (22020808)
652116.56 4220242.55 63.79887 (22020808) 652136.56
4220242.55 65.86889 (22020808)
652156.56 4220242.55 67.98898 (22020808) 652176.56
4220242.55 70.15466 (22020808)
652196.56 4220242.55 72.36010 (22020808) 652216.56
4220242.55 74.59793 (22020808)
652236.56 4220242.55 76.85899 (22020808) 652256.56
4220242.55 79.13198 (22020808)
652276.56 4220242.55 81.40317 (22020808) 652296.56
4220242.55 83.65597 (22020808)
652316.56 4220242.55 87.41946 (19012108) 652336.56
4220242.55 91.29939 (19012108)
652356.56 4220242.55 95.24457 (19012108) 652376.56
4220242.55 99.21413 (19012108)
652396.56 4220242.55 103.16900 (19012108) 652416.56
4220242.55 107.05545 (19012108)
652436.56 4220242.55 110.79616 (19012108) 652456.56
4220242.55 114.39060 (19012108)
652476.56 4220242.55 117.68617 (19012108) 652096.56
4220262.55 61.89571 (22020808)
652116.56 4220262.55 63.60874 (22020808) 652136.56
4220262.55 65.33633 (22020808)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001418 , L0001419 , L0001420 , L0001421 , L0001422 ,
L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 ,
L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , . . . ,

*** 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)
652316.56	4220262.55	87.48866	(19012108)	652336.56	4220262.55	90.52578	(19012108)
652356.56	4220262.55	93.48008	(19012108)	652376.56	4220262.55	96.30298	(19012108)
652396.56	4220262.55	98.93689	(19012108)	652416.56	4220262.55	101.31433	(19012108)
652436.56	4220262.55	103.36186	(19012108)	652456.56	4220262.55	108.08282	(20011008)
652476.56	4220262.55	114.64470	(20011008)	652096.56	4220282.55	60.63746	(22020808)
652116.56	4220282.55	61.96902	(22020808)	652136.56	4220282.55	63.36107	(19012108)
652156.56	4220282.55	65.74666	(19012108)	652176.56			

4220282.55 68.17675 (19012108)
652196.56 4220282.55 70.63335 (19012108) 652216.56
4220282.55 73.10331 (19012108)
652236.56 4220282.55 75.56831 (19012108) 652256.56
4220282.55 78.00633 (19012108)
652276.56 4220282.55 80.39117 (19012108) 652296.56
4220282.55 82.69200 (19012108)
652316.56 4220282.55 84.87285 (19012108) 652336.56
4220282.55 86.89218 (19012108)
652356.56 4220282.55 88.70257 (19012108) 652376.56
4220282.55 90.25044 (19012108)
652396.56 4220282.55 93.09417 (20011008) 652416.56
4220282.55 98.41284 (20011008)
652436.56 4220282.55 103.65677 (20011008) 652456.56
4220282.55 108.72667 (20011008)
652476.56 4220282.55 113.42979 (20011008) 652096.56
4220302.55 60.19208 (19012108)
652116.56 4220302.55 62.20068 (19012108) 652136.56
4220302.55 64.21942 (19012108)
652156.56 4220302.55 66.23366 (19012108) 652176.56
4220302.55 68.23389 (19012108)
652196.56 4220302.55 70.19678 (19012108) 652216.56
4220302.55 72.10360 (19012108)
652236.56 4220302.55 73.92832 (19012108) 652256.56
4220302.55 75.64587 (19012108)
652276.56 4220302.55 77.22810 (19012108) 652296.56
4220302.55 78.63830 (19012108)
652316.56 4220302.55 79.83836 (19012108) 652336.56
4220302.55 81.37368 (20011008)
652356.56 4220302.55 85.80127 (20011008) 652376.56
4220302.55 90.19282 (20011008)
652396.56 4220302.55 94.46970 (20011008) 652416.56
4220302.55 98.50565 (20011008)
652436.56 4220302.55 102.22505 (20011008) 652456.56
4220302.55 105.47409 (20011008)
652476.56 4220302.55 108.07960 (20011008) 652096.56
4220322.55 60.41854 (19012108)
652116.56 4220322.55 62.05988 (19012108) 652136.56
4220322.55 63.66075 (19012108)
652156.56 4220322.55 65.20815 (19012108) 652176.56
4220322.55 66.68382 (19012108)
652196.56 4220322.55 68.06327 (19012108) 652216.56
4220322.55 69.32309 (19012108)
652236.56 4220322.55 70.44171 (19012108) 652256.56
4220322.55 71.38920 (19012108)
652276.56 4220322.55 72.13542 (19012108) 652296.56
4220322.55 75.71026 (20011008)
652316.56 4220322.55 79.43861 (20011008) 652336.56
4220322.55 83.10003 (20011008)
652356.56 4220322.55 86.62341 (20011008) 652376.56

4220322.55   89.92502 (20011008)
        652396.56   4220322.55   92.90851 (20011008)   652416.56
4220322.55   95.47304 (20011008)
        652436.56   4220322.55   97.52031 (20011008)   652456.56
4220322.55   98.89494 (20011008)
        652476.56   4220322.55   99.48835 (20011008)   652096.56
4220342.55   59.39753 (19012108)
        652116.56   4220342.55   60.60082 (19012108)   652136.56
4220342.55   61.72410 (19012108)
        652156.56   4220342.55   62.74484 (19012108)   652176.56
4220342.55   63.64518 (19012108)
        652196.56   4220342.55   64.40234 (19012108)   652216.56
4220342.55   64.99745 (19012108)
        652236.56   4220342.55   67.47868 (20011008)   652256.56
4220342.55   70.67553 (20011008)
        652276.56   4220342.55   73.83558 (20011008)   652296.56
4220342.55   76.91308 (20011008)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                   L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                   L0001431   , L0001432   , L0001433   , L0001434   , L0001435
, L0001436   , L0001437   , L0001438   ,
                   L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                                *** 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)
 -
- -
        652316.56   4220342.55   79.84689 (20011008)   652336.56
4220342.55   82.56907 (20011008)
        652356.56   4220342.55   85.00587 (20011008)   652376.56
4220342.55   87.06742 (20011008)

652396.56 4220342.55 88.66625 (20011008) 652416.56
4220342.55 89.71879 (20011008)
652436.56 4220342.55 90.14634 (20011008) 652456.56
4220342.55 93.16213 (18121908)
652476.56 4220342.55 98.47623 (18121908) 652096.56
4220362.55 57.19272 (19012108)
652116.56 4220362.55 57.92610 (19012108) 652136.56
4220362.55 58.54118 (19012108)
652156.56 4220362.55 59.02094 (19012108) 652176.56
4220362.55 60.66445 (20011008)
652196.56 4220362.55 63.42875 (20011008) 652216.56
4220362.55 66.17785 (20011008)
652236.56 4220362.55 68.87728 (20011008) 652256.56
4220362.55 71.48050 (20011008)
652276.56 4220362.55 73.94240 (20011008) 652296.56
4220362.55 76.20538 (20011008)
652316.56 4220362.55 78.20782 (20011008) 652336.56
4220362.55 79.88296 (20011008)
652356.56 4220362.55 81.16034 (20011008) 652376.56
4220362.55 81.96808 (20011008)
652396.56 4220362.55 82.23587 (20011008) 652416.56
4220362.55 84.40281 (18122008)
652436.56 4220362.55 89.15293 (18121908) 652456.56
4220362.55 93.46947 (18121908)
652476.56 4220362.55 97.14263 (18121908) 652096.56
4220382.55 53.95164 (19012108)
652116.56 4220382.55 54.94214 (20011008) 652136.56
4220382.55 57.35323 (20011008)
652156.56 4220382.55 59.76254 (20011008) 652176.56
4220382.55 62.14331 (20011008)
652196.56 4220382.55 64.45902 (20011008) 652216.56
4220382.55 66.67814 (20011008)
652236.56 4220382.55 68.75595 (20011008) 652256.56
4220382.55 70.65024 (20011008)
652276.56 4220382.55 72.30911 (20011008) 652296.56
4220382.55 73.67900 (20011008)
652316.56 4220382.55 74.70184 (20011008) 652336.56
4220382.55 75.32783 (20011008)
652356.56 4220382.55 75.49559 (20011008) 652376.56
4220382.55 77.59140 (18122008)
652396.56 4220382.55 81.22500 (18121908) 652416.56
4220382.55 85.16489 (18121908)
652436.56 4220382.55 88.62481 (18121908) 652456.56
4220382.55 91.43096 (18121908)
652476.56 4220382.55 93.41835 (18121908) 652096.56
4220402.55 54.32861 (20011008)
652116.56 4220402.55 56.43594 (20011008) 652136.56
4220402.55 58.50155 (20011008)
652156.56 4220402.55 60.50074 (20011008) 652176.56
4220402.55 62.40262 (20011008)

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        652196.56   4220402.55       64.16774  (20011008)                652216.56
4220402.55       65.76096  (20011008)
        652236.56   4220402.55       67.14117  (20011008)                652256.56
4220402.55       68.26676  (20011008)
        652276.56   4220402.55       69.09117  (20011008)                652296.56
4220402.55       69.56760  (20011008)
        652316.56   4220402.55       69.81817  (18122008)                652336.56
4220402.55       71.70580  (18122008)
        652356.56   4220402.55       74.44796  (18121908)                652376.56
4220402.55       78.02959  (18121908)
        652396.56   4220402.55       81.24087  (18121908)                652416.56
4220402.55       83.96416  (18121908)
        652436.56   4220402.55       86.04620  (18121908)                652456.56
4220402.55       87.35358  (18121908)
        652476.56   4220402.55       88.56615  (20020608)                652096.56
4220422.55       55.20619  (20011008)
        652116.56   4220422.55       56.93724  (20011008)                652136.56
4220422.55       58.57077  (20011008)
        652156.56   4220422.55       60.07881  (20011008)                652176.56
4220422.55       61.42960  (20011008)
        652196.56   4220422.55       62.58466  (20011008)                652216.56
4220422.55       63.51284  (20011008)
        652236.56   4220422.55       64.17463  (20011008)                652256.56
4220422.55       64.53712  (20011008)
        652276.56   4220422.55       64.87390  (18122008)                652296.56
4220422.55       66.57403  (18122008)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:25:48

                                    PAGE 550
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0001418    , L0001419
, L0001420    , L0001421    , L0001422    ,
                   L0001423    , L0001424    , L0001425    , L0001426    , L0001427
, L0001428    , L0001429    , L0001430    ,
                   L0001431    , L0001432    , L0001433    , L0001434    , L0001435
, L0001436    , L0001437    , L0001438    ,
                   L0001439    , L0001440    , L0001441    , L0001442    , L0001443
, L0001444    , L0001445    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652316.56	4220422.55	68.57669	(18121908)	652336.56	4220422.55	71.84742	(18121908)
652356.56	4220422.55	74.83143	(18121908)	652376.56	4220422.55	77.41633	(18121908)
652396.56	4220422.55	79.50071	(18121908)	652416.56	4220422.55	80.97846	(18121908)
652436.56	4220422.55	82.14860	(20020608)	652456.56	4220422.55	83.06418	(21121408)
652476.56	4220422.55	83.66700	(21121408)	652096.56	4220442.55	55.12842	(20011008)
652116.56	4220442.55	56.41866	(20011008)	652136.56	4220442.55	57.56487	(20011008)
652156.56	4220442.55	58.53623	(20011008)	652176.56	4220442.55	59.30469	(20011008)
652196.56	4220442.55	59.83629	(20011008)	652216.56	4220442.55	60.10435	(20011008)
652236.56	4220442.55	60.52277	(18122008)	652256.56	4220442.55	62.05548	(18122008)
652276.56	4220442.55	63.45015	(18121908)	652296.56	4220442.55	66.44223	(18121908)
652316.56	4220442.55	69.21025	(18121908)	652336.56	4220442.55	71.66201	(18121908)
652356.56	4220442.55	73.70976	(18121908)	652376.56	4220442.55	75.24950	(18121908)
652396.56	4220442.55	76.32458	(20020608)	652416.56	4220442.55	77.30241	(20020608)
652436.56	4220442.55	78.13423	(21121408)	652456.56	4220442.55	78.56666	(22010308)
652476.56	4220442.55	81.57399	(22010308)	652096.56	4220462.55	54.10375	(20011008)
652116.56	4220462.55	54.92065	(20011008)	652136.56	4220462.55	55.55406	(20011008)
652156.56	4220462.55	55.97936	(20011008)	652176.56	4220462.55	56.17370	(20011008)
652196.56	4220462.55	56.66944	(18122008)	652216.56	4220462.55	58.05806	(18122008)
652236.56	4220462.55	59.19653	(18122008)	652256.56	4220462.55	61.68516	(18121908)
652276.56	4220462.55	64.25021	(18121908)	652296.56	4220462.55	66.56408	(18121908)
652316.56	4220462.55	68.54721	(18121908)	652336.56	4220462.55	70.12314	(18121908)
652356.56	4220462.55	71.21028	(18121908)	652376.56	4220462.55	72.22046	(20020608)
652396.56	4220462.55	72.98447	(21121408)	652416.56			

4220462.55   73.58047 (21121408)
        652436.56   4220462.55   74.92106 (22010308)   652456.56
4220462.55   77.48520 (22010308)
        652476.56   4220462.55   79.27761 (22010308)   652096.56
4220482.55   52.19722 (20011008)
        652116.56   4220482.55   52.53635 (20011008)   652136.56
4220482.55   52.66860 (20011008)
        652156.56   4220482.55   53.23301 (18122008)   652176.56
4220482.55   54.49691 (18122008)
        652196.56   4220482.55   55.54282 (18122008)   652216.56
4220482.55   57.47568 (18121908)
        652236.56   4220482.55   59.85121 (18121908)   652256.56
4220482.55   62.02578 (18121908)
        652276.56   4220482.55   63.93287 (18121908)   652296.56
4220482.55   65.50484 (18121908)
        652316.56   4220482.55   66.67415 (18121908)   652336.56
4220482.55   67.58198 (20020608)
        652356.56   4220482.55   68.36079 (20020608)   652376.56
4220482.55   69.08605 (21121408)
        652396.56   4220482.55   69.36059 (21121408)   652416.56
4220482.55   71.53593 (22010308)
        652436.56   4220482.55   73.72118 (22010308)   652456.56
4220482.55   75.19465 (22010308)
        652476.56   4220482.55   75.84207 (22010308)   652216.56
4220502.55   57.97185 (18121908)
        652236.56   4220502.55   59.79133 (18121908)   652256.56
4220502.55   61.33428 (18121908)
        652276.56   4220502.55   62.54390 (18121908)   652296.56
4220502.55   63.36230 (18121908)
        652316.56   4220502.55   64.26323 (20020608)   652336.56
4220502.55   64.90531 (21121408)
        652356.56   4220502.55   65.44380 (21121408)   652376.56
4220502.55   65.98056 (22010308)
        652396.56   4220502.55   68.39364 (22010308)   652416.56
4220502.55   70.24998 (22010308)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0001418   , L0001419
, L0001420   , L0001421   , L0001422   ,
                L0001423   , L0001424   , L0001425   , L0001426   , L0001427
, L0001428   , L0001429   , L0001430   ,
                L0001431   , L0001432   , L0001433   , L0001434   , L0001435

, L0001436   , L0001437   , L0001438   ,
                L0001439   , L0001440   , L0001441   , L0001442   , L0001443
, L0001444   , L0001445   , . . .   ,

                                                *** 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)
 -
- -
        652436.56   4220502.55   71.44053 (22010308)   652456.56
4220502.55   71.90499 (20013108)
        652476.56   4220502.55   72.20752 (20013108)   652396.56
4220522.55   67.03096 (22010308)
        652416.56   4220522.55   67.98451 (22010308)   652436.56
4220522.55   68.41376 (20013108)
        652456.56   4220522.55   68.57171 (20013108)   652476.56
4220522.55   68.61036 (21021108)
 *** AERMOD - VERSION 22112 ***   *** LODI MAVERIK_CONSTRUCTION
                          ***   01/03/25
 *** AERMET - VERSION 21112 ***   ***
                       ***   15:25:48

                                  PAGE 552
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** THE SUMMARY OF MAXIMUM PERIOD (43824
HRS) RESULTS ***

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

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

HAUL   1ST HIGHEST VALUE IS   9.24579 AT (652823.96, 4220131.30,   17.19,
   17.19,   0.00) DC
          2ND HIGHEST VALUE IS   8.64883 AT (652803.96, 4220131.30,   17.73,
   17.73,   0.00) DC
          3RD HIGHEST VALUE IS   8.40302 AT (652783.96, 4220131.30,   18.20,
   18.20,   0.00) DC

```
          4TH HIGHEST VALUE IS      7.90631 AT (  652763.96,  4220111.30,    18.59,
   18.59,    0.00)  DC
          5TH HIGHEST VALUE IS      7.71675 AT (  652843.96,  4220111.30,    16.74,
   16.74,    0.00)  DC
          6TH HIGHEST VALUE IS      7.34555 AT (  652843.96,  4220091.30,    16.82,
   16.82,    0.00)  DC
          7TH HIGHEST VALUE IS      7.13578 AT (  652763.96,  4220091.30,    18.53,
   18.53,    0.00)  DC
          8TH HIGHEST VALUE IS      6.57658 AT (  652823.96,  4220111.30,    17.16,
   17.16,    0.00)  DC
          9TH HIGHEST VALUE IS      6.54778 AT (  652763.96,  4220071.30,    18.52,
   18.52,    0.00)  DC
         10TH HIGHEST VALUE IS      6.23473 AT (  652783.96,  4220111.30,    18.14,
   18.14,    0.00)  DC

ONSITE    1ST HIGHEST VALUE IS     17.68661 AT (  653091.77,  4220073.80,    16.64,
   16.64,    0.00)  DC
          2ND HIGHEST VALUE IS     14.52976 AT (  653092.17,  4220089.40,    16.64,
   16.64,    0.00)  DC
          3RD HIGHEST VALUE IS     14.42903 AT (  653107.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          4TH HIGHEST VALUE IS     11.95084 AT (  653127.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          5TH HIGHEST VALUE IS     11.16127 AT (  653107.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
          6TH HIGHEST VALUE IS     10.73568 AT (  653092.17,  4220109.40,    16.64,
   16.64,    0.00)  DC
          7TH HIGHEST VALUE IS     10.66075 AT (  653217.50,  4220029.01,    16.59,
   16.59,    0.00)  DC
          8TH HIGHEST VALUE IS     10.37248 AT (  653147.01,  4220074.09,    16.63,
   16.63,    0.00)  DC
          9TH HIGHEST VALUE IS      9.23339 AT (  653217.50,  4220049.01,    16.59,
   16.59,    0.00)  DC
         10TH HIGHEST VALUE IS      9.08800 AT (  653167.01,  4220074.09,    16.62,
   16.62,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     18.11456 AT (  653091.77,  4220073.80,    16.64,
   16.64,    0.00)  DC
          2ND HIGHEST VALUE IS     14.93208 AT (  653092.17,  4220089.40,    16.64,
   16.64,    0.00)  DC
          3RD HIGHEST VALUE IS     14.81633 AT (  653107.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          4TH HIGHEST VALUE IS     13.18607 AT (  652843.96,  4220111.30,    16.74,
   16.74,    0.00)  DC
          5TH HIGHEST VALUE IS     12.92149 AT (  652843.96,  4220091.30,    16.82,
   16.82,    0.00)  DC
          6TH HIGHEST VALUE IS     12.55953 AT (  652823.96,  4220131.30,    17.19,
   17.19,    0.00)  DC
          7TH HIGHEST VALUE IS     12.29407 AT (  653127.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
```

```
        8TH HIGHEST VALUE IS      11.52609 AT (  653107.41,  4220089.69,    16.64,
  16.64,    0.00)  DC
        9TH HIGHEST VALUE IS      11.10548 AT (  653092.17,  4220109.40,    16.64,
  16.64,    0.00)  DC
       10TH HIGHEST VALUE IS      10.95798 AT (  652803.96,  4220131.30,    17.73,
  17.73,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:25:48

                                  PAGE 553
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

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

HAUL     HIGH   1ST HIGH VALUE IS     248.84701  ON 19022508: AT (  652763.96,
4220111.30,    18.59,    18.59,    0.00)  DC

ONSITE   HIGH   1ST HIGH VALUE IS     420.67212  ON 19011408: AT (  653091.77,
4220073.80,    16.64,    16.64,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS     497.95388  ON 18110708: AT (  652843.96,
4220091.30,    16.82,    16.82,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_CONSTRUCTION
                         ***        01/03/25
```

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

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

A Total of   0 Fatal Error Message(s)
A Total of   1 Warning Message(s)
A Total of   1399 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   723 Calm Hours Identified

A Total of   676 Missing Hours Identified (1.54 Percent)

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

   ********   WARNING MESSAGES   ********
ME W187   6814   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/3/2025
** File: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\Ops DPM.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Lodi Maverik_Operations_DPM
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 67679 City_of_Lodi
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Ops DPM.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ON
** DESCRSRC Maverik onsite truck circulation
** PREFIX
** Length of Side = 7.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 11
** 652863.608, 4220014.372, 16.83, 5.00, 3.26
** 652877.864, 4220014.048, 16.66, 5.00, 3.26
** 652902.782, 4220019.037, 16.64, 5.00, 3.26
** 652924.510, 4220019.047, 16.64, 5.00, 3.26
```

```
** 652950.857, 4220020.445, 16.64, 5.00, 3.26
** 652975.065, 4220025.712, 16.64, 5.00, 3.26
** 652980.573, 4220026.684, 16.64, 5.00, 3.26
** 652987.377, 4220030.248, 16.64, 5.00, 3.26
** 652991.589, 4220032.516, 16.64, 5.00, 3.26
** 652993.209, 4220036.728, 16.64, 5.00, 3.26
** 652989.645, 4220125.828, 16.64, 5.00, 3.26
** --------------------------------------------------------------------
   LOCATION L0001786     VOLUME   652867.107 4220014.292 16.75
   LOCATION L0001787     VOLUME   652874.105 4220014.133 16.66
   LOCATION L0001788     VOLUME   652881.041 4220014.684 16.64
   LOCATION L0001789     VOLUME   652887.905 4220016.058 16.64
   LOCATION L0001790     VOLUME   652894.769 4220017.432 16.64
   LOCATION L0001791     VOLUME   652901.633 4220018.807 16.64
   LOCATION L0001792     VOLUME   652908.610 4220019.039 16.64
   LOCATION L0001793     VOLUME   652915.610 4220019.043 16.64
   LOCATION L0001794     VOLUME   652922.610 4220019.046 16.64
   LOCATION L0001795     VOLUME   652929.603 4220019.317 16.64
   LOCATION L0001796     VOLUME   652936.593 4220019.688 16.64
   LOCATION L0001797     VOLUME   652943.583 4220020.059 16.64
   LOCATION L0001798     VOLUME   652950.573 4220020.430 16.64
   LOCATION L0001799     VOLUME   652957.419 4220021.873 16.64
   LOCATION L0001800     VOLUME   652964.259 4220023.361 16.64
   LOCATION L0001801     VOLUME   652971.099 4220024.849 16.64
   LOCATION L0001802     VOLUME   652977.962 4220026.223 16.64
   LOCATION L0001803     VOLUME   652984.425 4220028.701 16.64
   LOCATION L0001804     VOLUME   652990.606 4220031.987 16.64
   LOCATION L0001805     VOLUME   652993.154 4220038.098 16.64
   LOCATION L0001806     VOLUME   652992.874 4220045.092 16.64
   LOCATION L0001807     VOLUME   652992.594 4220052.086 16.64
   LOCATION L0001808     VOLUME   652992.315 4220059.081 16.64
   LOCATION L0001809     VOLUME   652992.035 4220066.075 16.64
   LOCATION L0001810     VOLUME   652991.755 4220073.070 16.64
   LOCATION L0001811     VOLUME   652991.475 4220080.064 16.64
   LOCATION L0001812     VOLUME   652991.195 4220087.059 16.64
   LOCATION L0001813     VOLUME   652990.916 4220094.053 16.64
   LOCATION L0001814     VOLUME   652990.636 4220101.047 16.64
   LOCATION L0001815     VOLUME   652990.356 4220108.042 16.64
   LOCATION L0001816     VOLUME   652990.076 4220115.036 16.64
   LOCATION L0001817     VOLUME   652989.797 4220122.031 16.64
** End of LINE VOLUME Source ID = ON
** --------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OFF3
** DESCRSRC E Kettleman Lane/ Beckman Road
** PREFIX
** Length of Side = 7.00
** Configuration = Adjacent
** Emission Rate = 0.19221308
** Vertical Dimension = 10.00
```

```
** SZINIT = 4.65
** Nodes = 12
** 652757.998, 4220134.995, 18.79, 5.00, 0.00
** 652758.925, 4220137.465, 18.76, 5.00, 3.26
** 652760.932, 4220139.317, 18.70, 5.00, 3.26
** 652764.482, 4220140.089, 18.69, 5.00, 3.26
** 652768.771, 4220140.827, 18.66, 5.00, 3.26
** 652832.407, 4220140.734, 16.95, 5.00, 3.26
** 652843.058, 4220140.673, 16.76, 5.00, 3.26
** 652846.300, 4220139.780, 16.75, 5.00, 3.26
** 652848.307, 4220137.928, 16.71, 5.00, 3.26
** 652852.523, 4220134.867, 16.66, 5.00, 3.26
** 652853.704, 4220123.108, 16.65, 5.00, 3.26
** 652856.592, 4220012.608, 16.98, 5.00, 3.26
** ----------------------------------------------------------------------
   LOCATION L0001754     VOLUME   652759.558 4220138.049 18.75
   LOCATION L0001755     VOLUME   652765.958 4220140.343 18.64
   LOCATION L0001756     VOLUME   652772.916 4220140.821 18.49
   LOCATION L0001757     VOLUME   652779.916 4220140.811 18.33
   LOCATION L0001758     VOLUME   652786.916 4220140.801 18.17
   LOCATION L0001759     VOLUME   652793.916 4220140.790 18.01
   LOCATION L0001760     VOLUME   652800.916 4220140.780 17.85
   LOCATION L0001761     VOLUME   652807.916 4220140.770 17.66
   LOCATION L0001762     VOLUME   652814.916 4220140.759 17.47
   LOCATION L0001763     VOLUME   652821.916 4220140.749 17.28
   LOCATION L0001764     VOLUME   652828.916 4220140.739 17.10
   LOCATION L0001765     VOLUME   652835.916 4220140.714 16.93
   LOCATION L0001766     VOLUME   652842.916 4220140.674 16.79
   LOCATION L0001767     VOLUME   652848.925 4220137.479 16.69
   LOCATION L0001768     VOLUME   652852.779 4220132.326 16.65
   LOCATION L0001769     VOLUME   652853.478 4220125.361 16.64
   LOCATION L0001770     VOLUME   652853.828 4220118.374 16.64
   LOCATION L0001771     VOLUME   652854.011 4220111.376 16.64
   LOCATION L0001772     VOLUME   652854.194 4220104.379 16.65
   LOCATION L0001773     VOLUME   652854.376 4220097.381 16.66
   LOCATION L0001774     VOLUME   652854.559 4220090.384 16.68
   LOCATION L0001775     VOLUME   652854.742 4220083.386 16.70
   LOCATION L0001776     VOLUME   652854.925 4220076.388 16.73
   LOCATION L0001777     VOLUME   652855.108 4220069.391 16.75
   LOCATION L0001778     VOLUME   652855.291 4220062.393 16.77
   LOCATION L0001779     VOLUME   652855.474 4220055.395 16.80
   LOCATION L0001780     VOLUME   652855.656 4220048.398 16.83
   LOCATION L0001781     VOLUME   652855.839 4220041.400 16.84
   LOCATION L0001782     VOLUME   652856.022 4220034.403 16.87
   LOCATION L0001783     VOLUME   652856.205 4220027.405 16.91
   LOCATION L0001784     VOLUME   652856.388 4220020.407 16.93
   LOCATION L0001785     VOLUME   652856.571 4220013.410 16.96
** End of LINE VOLUME Source ID = OFF3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = OFF2
** DESCRSRC I-99 Offramp
** PREFIX
** Length of Side = 7.00
** Configuration = Adjacent
** Emission Rate = 0.2483671219
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 4
** 652682.780, 4219849.833, 17.32, 5.00, 3.26
** 652724.203, 4220003.986, 17.37, 5.00, 3.26
** 652748.733, 4220097.615, 18.92, 5.00, 3.26
** 652756.740, 4220133.123, 18.79, 5.00, 3.26
** --------------------------------------------------------------------
   LOCATION L0001586     VOLUME   652683.688 4219853.214 17.32
   LOCATION L0001587     VOLUME   652685.505 4219859.974 17.36
   LOCATION L0001588     VOLUME   652687.321 4219866.734 17.40
   LOCATION L0001589     VOLUME   652689.138 4219873.494 17.42
   LOCATION L0001590     VOLUME   652690.954 4219880.254 17.43
   LOCATION L0001591     VOLUME   652692.771 4219887.014 17.43
   LOCATION L0001592     VOLUME   652694.587 4219893.775 17.43
   LOCATION L0001593     VOLUME   652696.404 4219900.535 17.42
   LOCATION L0001594     VOLUME   652698.221 4219907.295 17.41
   LOCATION L0001595     VOLUME   652700.037 4219914.055 17.41
   LOCATION L0001596     VOLUME   652701.854 4219920.815 17.40
   LOCATION L0001597     VOLUME   652703.670 4219927.576 17.40
   LOCATION L0001598     VOLUME   652705.487 4219934.336 17.40
   LOCATION L0001599     VOLUME   652707.303 4219941.096 17.40
   LOCATION L0001600     VOLUME   652709.120 4219947.856 17.40
   LOCATION L0001601     VOLUME   652710.936 4219954.616 17.40
   LOCATION L0001602     VOLUME   652712.753 4219961.377 17.40
   LOCATION L0001603     VOLUME   652714.570 4219968.137 17.41
   LOCATION L0001604     VOLUME   652716.386 4219974.897 17.40
   LOCATION L0001605     VOLUME   652718.203 4219981.657 17.38
   LOCATION L0001606     VOLUME   652720.019 4219988.417 17.38
   LOCATION L0001607     VOLUME   652721.836 4219995.177 17.38
   LOCATION L0001608     VOLUME   652723.652 4220001.938 17.38
   LOCATION L0001609     VOLUME   652725.439 4220008.706 17.37
   LOCATION L0001610     VOLUME   652727.213 4220015.477 17.36
   LOCATION L0001611     VOLUME   652728.987 4220022.249 17.31
   LOCATION L0001612     VOLUME   652730.761 4220029.020 17.93
   LOCATION L0001613     VOLUME   652732.536 4220035.792 18.51
   LOCATION L0001614     VOLUME   652734.310 4220042.563 18.61
   LOCATION L0001615     VOLUME   652736.084 4220049.334 18.66
   LOCATION L0001616     VOLUME   652737.858 4220056.106 18.69
   LOCATION L0001617     VOLUME   652739.632 4220062.877 18.66
   LOCATION L0001618     VOLUME   652741.406 4220069.649 18.68
   LOCATION L0001619     VOLUME   652743.180 4220076.420 18.71
   LOCATION L0001620     VOLUME   652744.954 4220083.192 18.73
   LOCATION L0001621     VOLUME   652746.728 4220089.963 18.83
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   LOCATION L0001622     VOLUME   652748.502 4220096.735 18.89
   LOCATION L0001623     VOLUME   652750.072 4220103.556 18.72
   LOCATION L0001624     VOLUME   652751.612 4220110.384 18.72
   LOCATION L0001625     VOLUME   652753.152 4220117.213 18.77
   LOCATION L0001626     VOLUME   652754.692 4220124.041 18.77
   LOCATION L0001627     VOLUME   652756.231 4220130.870 18.78
** End of LINE VOLUME Source ID = OFF2
   LOCATION GEN          POINT      652932.840  4220079.830       16.640
** DESCRSRC Backup Generator
   LOCATION DELIVERY     AREAPOLY   653010.892  4220084.768       16.640
** DESCRSRC Truck deliveries (idling and circulation)
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OFF4
** DESCRSRC Beckman Road to I-99 Onramp
** PREFIX
** Length of Side = 7.00
** Configuration = Adjacent
** Emission Rate = 0.5594197981
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 17
** 652988.505, 4220128.959, 16.64, 5.00, 3.26
** 652987.808, 4220136.970, 16.64, 5.00, 3.26
** 652986.067, 4220141.846, 16.64, 5.00, 3.26
** 652982.932, 4220148.811, 16.64, 5.00, 3.26
** 652976.663, 4220152.643, 16.64, 5.00, 3.26
** 652969.000, 4220154.384, 16.64, 5.00, 3.26
** 652887.500, 4220154.036, 16.64, 5.00, 3.26
** 652780.575, 4220153.688, 18.30, 5.00, 3.26
** 652774.889, 4220155.639, 18.50, 5.00, 3.26
** 652769.605, 4220160.420, 18.70, 5.00, 3.26
** 652767.843, 4220164.950, 18.70, 5.00, 3.26
** 652766.333, 4220176.777, 18.76, 5.00, 3.26
** 652769.153, 4220293.364, 18.57, 5.00, 3.26
** 652771.612, 4220365.081, 17.43, 5.00, 3.26
** 652773.661, 4220430.650, 17.40, 5.00, 3.26
** 652773.951, 4220450.687, 17.40, 5.00, 3.26
** 652771.494, 4220581.735, 17.40, 5.00, 3.26
** ----------------------------------------------------------------
   LOCATION L0001660     VOLUME   652988.201 4220132.446 16.64
   LOCATION L0001661     VOLUME   652986.981 4220139.285 16.64
   LOCATION L0001662     VOLUME   652984.310 4220145.750 16.64
   LOCATION L0001663     VOLUME   652979.824 4220150.711 16.64
   LOCATION L0001664     VOLUME   652973.449 4220153.373 16.64
   LOCATION L0001665     VOLUME   652966.563 4220154.374 16.64
   LOCATION L0001666     VOLUME   652959.563 4220154.344 16.64
   LOCATION L0001667     VOLUME   652952.563 4220154.314 16.64
   LOCATION L0001668     VOLUME   652945.563 4220154.284 16.64
   LOCATION L0001669     VOLUME   652938.563 4220154.254 16.64
```

LOCATION L0001670 VOLUME 652931.563 4220154.224 16.64
LOCATION L0001671 VOLUME 652924.563 4220154.194 16.64
LOCATION L0001672 VOLUME 652917.563 4220154.164 16.64
LOCATION L0001673 VOLUME 652910.563 4220154.134 16.64
LOCATION L0001674 VOLUME 652903.563 4220154.104 16.64
LOCATION L0001675 VOLUME 652896.563 4220154.075 16.64
LOCATION L0001676 VOLUME 652889.563 4220154.045 16.64
LOCATION L0001677 VOLUME 652882.563 4220154.020 16.64
LOCATION L0001678 VOLUME 652875.563 4220153.997 16.64
LOCATION L0001679 VOLUME 652868.563 4220153.974 16.64
LOCATION L0001680 VOLUME 652861.564 4220153.951 16.63
LOCATION L0001681 VOLUME 652854.564 4220153.929 16.66
LOCATION L0001682 VOLUME 652847.564 4220153.906 16.75
LOCATION L0001683 VOLUME 652840.564 4220153.883 16.90
LOCATION L0001684 VOLUME 652833.564 4220153.860 17.06
LOCATION L0001685 VOLUME 652826.564 4220153.837 17.23
LOCATION L0001686 VOLUME 652819.564 4220153.815 17.43
LOCATION L0001687 VOLUME 652812.564 4220153.792 17.62
LOCATION L0001688 VOLUME 652805.564 4220153.769 17.80
LOCATION L0001689 VOLUME 652798.564 4220153.746 17.96
LOCATION L0001690 VOLUME 652791.564 4220153.723 18.11
LOCATION L0001691 VOLUME 652784.564 4220153.701 18.26
LOCATION L0001692 VOLUME 652777.727 4220154.665 18.42
LOCATION L0001693 VOLUME 652771.923 4220158.322 18.57
LOCATION L0001694 VOLUME 652768.201 4220164.030 18.65
LOCATION L0001695 VOLUME 652767.082 4220170.914 18.69
LOCATION L0001696 VOLUME 652766.359 4220177.866 18.73
LOCATION L0001697 VOLUME 652766.529 4220184.864 18.74
LOCATION L0001698 VOLUME 652766.698 4220191.862 18.74
LOCATION L0001699 VOLUME 652766.867 4220198.860 18.74
LOCATION L0001700 VOLUME 652767.037 4220205.858 18.76
LOCATION L0001701 VOLUME 652767.206 4220212.856 18.78
LOCATION L0001702 VOLUME 652767.375 4220219.854 18.80
LOCATION L0001703 VOLUME 652767.544 4220226.852 18.79
LOCATION L0001704 VOLUME 652767.714 4220233.850 18.80
LOCATION L0001705 VOLUME 652767.883 4220240.848 18.81
LOCATION L0001706 VOLUME 652768.052 4220247.846 18.85
LOCATION L0001707 VOLUME 652768.222 4220254.844 18.87
LOCATION L0001708 VOLUME 652768.391 4220261.842 18.87
LOCATION L0001709 VOLUME 652768.560 4220268.840 18.85
LOCATION L0001710 VOLUME 652768.729 4220275.838 18.81
LOCATION L0001711 VOLUME 652768.899 4220282.836 18.74
LOCATION L0001712 VOLUME 652769.068 4220289.834 18.59
LOCATION L0001713 VOLUME 652769.272 4220296.831 18.53
LOCATION L0001714 VOLUME 652769.512 4220303.827 18.33
LOCATION L0001715 VOLUME 652769.752 4220310.822 17.74
LOCATION L0001716 VOLUME 652769.992 4220317.818 17.46
LOCATION L0001717 VOLUME 652770.232 4220324.814 17.36
LOCATION L0001718 VOLUME 652770.472 4220331.810 17.46
LOCATION L0001719 VOLUME 652770.711 4220338.806 17.47

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   LOCATION L0001720     VOLUME   652770.951 4220345.802 17.47
   LOCATION L0001721     VOLUME   652771.191 4220352.798 17.46
   LOCATION L0001722     VOLUME   652771.431 4220359.794 17.44
   LOCATION L0001723     VOLUME   652771.666 4220366.790 17.44
   LOCATION L0001724     VOLUME   652771.884 4220373.786 17.45
   LOCATION L0001725     VOLUME   652772.103 4220380.783 17.44
   LOCATION L0001726     VOLUME   652772.322 4220387.779 17.42
   LOCATION L0001727     VOLUME   652772.540 4220394.776 17.40
   LOCATION L0001728     VOLUME   652772.759 4220401.773 17.40
   LOCATION L0001729     VOLUME   652772.977 4220408.769 17.40
   LOCATION L0001730     VOLUME   652773.196 4220415.766 17.40
   LOCATION L0001731     VOLUME   652773.415 4220422.762 17.40
   LOCATION L0001732     VOLUME   652773.633 4220429.759 17.40
   LOCATION L0001733     VOLUME   652773.750 4220436.758 17.40
   LOCATION L0001734     VOLUME   652773.851 4220443.757 17.40
   LOCATION L0001735     VOLUME   652773.950 4220450.756 17.40
   LOCATION L0001736     VOLUME   652773.819 4220457.755 17.40
   LOCATION L0001737     VOLUME   652773.688 4220464.754 17.40
   LOCATION L0001738     VOLUME   652773.556 4220471.753 17.40
   LOCATION L0001739     VOLUME   652773.425 4220478.751 17.40
   LOCATION L0001740     VOLUME   652773.294 4220485.750 17.40
   LOCATION L0001741     VOLUME   652773.163 4220492.749 17.40
   LOCATION L0001742     VOLUME   652773.031 4220499.748 17.40
   LOCATION L0001743     VOLUME   652772.900 4220506.747 17.40
   LOCATION L0001744     VOLUME   652772.769 4220513.745 17.40
   LOCATION L0001745     VOLUME   652772.638 4220520.744 17.40
   LOCATION L0001746     VOLUME   652772.507 4220527.743 17.40
   LOCATION L0001747     VOLUME   652772.375 4220534.742 17.40
   LOCATION L0001748     VOLUME   652772.244 4220541.740 17.40
   LOCATION L0001749     VOLUME   652772.113 4220548.739 17.40
   LOCATION L0001750     VOLUME   652771.982 4220555.738 17.40
   LOCATION L0001751     VOLUME   652771.851 4220562.737 17.40
   LOCATION L0001752     VOLUME   652771.719 4220569.735 17.40
   LOCATION L0001753     VOLUME   652771.588 4220576.734 17.40
** End of LINE VOLUME Source ID = OFF4
   LOCATION M_IDLE       AREAPOLY   652927.349  4220051.153       16.640
** DESCRSRC Maverik Truck Idle - Fueling
** Source Parameters **
** LINE VOLUME Source ID = ON
   SRCPARAM L0001786       0.03125      5.00      3.26      4.65
   SRCPARAM L0001787       0.03125      5.00      3.26      4.65
   SRCPARAM L0001788       0.03125      5.00      3.26      4.65
   SRCPARAM L0001789       0.03125      5.00      3.26      4.65
   SRCPARAM L0001790       0.03125      5.00      3.26      4.65
   SRCPARAM L0001791       0.03125      5.00      3.26      4.65
   SRCPARAM L0001792       0.03125      5.00      3.26      4.65
   SRCPARAM L0001793       0.03125      5.00      3.26      4.65
   SRCPARAM L0001794       0.03125      5.00      3.26      4.65
   SRCPARAM L0001795       0.03125      5.00      3.26      4.65
   SRCPARAM L0001796       0.03125      5.00      3.26      4.65
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   SRCPARAM L0001797       0.03125      5.00      3.26      4.65
   SRCPARAM L0001798       0.03125      5.00      3.26      4.65
   SRCPARAM L0001799       0.03125      5.00      3.26      4.65
   SRCPARAM L0001800       0.03125      5.00      3.26      4.65
   SRCPARAM L0001801       0.03125      5.00      3.26      4.65
   SRCPARAM L0001802       0.03125      5.00      3.26      4.65
   SRCPARAM L0001803       0.03125      5.00      3.26      4.65
   SRCPARAM L0001804       0.03125      5.00      3.26      4.65
   SRCPARAM L0001805       0.03125      5.00      3.26      4.65
   SRCPARAM L0001806       0.03125      5.00      3.26      4.65
   SRCPARAM L0001807       0.03125      5.00      3.26      4.65
   SRCPARAM L0001808       0.03125      5.00      3.26      4.65
   SRCPARAM L0001809       0.03125      5.00      3.26      4.65
   SRCPARAM L0001810       0.03125      5.00      3.26      4.65
   SRCPARAM L0001811       0.03125      5.00      3.26      4.65
   SRCPARAM L0001812       0.03125      5.00      3.26      4.65
   SRCPARAM L0001813       0.03125      5.00      3.26      4.65
   SRCPARAM L0001814       0.03125      5.00      3.26      4.65
   SRCPARAM L0001815       0.03125      5.00      3.26      4.65
   SRCPARAM L0001816       0.03125      5.00      3.26      4.65
   SRCPARAM L0001817       0.03125      5.00      3.26      4.65
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** LINE VOLUME Source ID = OFF3
   SRCPARAM L0001754     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001755     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001756     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001757     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001758     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001759     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001760     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001761     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001762     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001763     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001764     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001765     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001766     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001767     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001768     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001769     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001770     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001771     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001772     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001773     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001774     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001775     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001776     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001777     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001778     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001779     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001780     0.0060066587      5.00      3.26      4.65
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   SRCPARAM L0001781     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001782     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001783     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001784     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001785     0.0060066587      5.00      3.26      4.65
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** LINE VOLUME Source ID = OFF2
   SRCPARAM L0001586     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001587     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001588     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001589     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001590     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001591     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001592     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001593     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001594     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001595     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001596     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001597     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001598     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001599     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001600     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001601     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001602     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001603     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001604     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001605     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001606     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001607     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001608     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001609     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001610     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001611     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001612     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001613     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001614     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001615     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001616     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001617     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001618     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001619     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001620     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001621     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001622     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001623     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001624     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001625     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001626     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001627     0.0059135029      5.00      3.26      4.65
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   SRCPARAM GEN               1.0     5.000   763.850   224.391     0.229
   SRCPARAM DELIVERY     0.0001224939     5.000         9
   AREAVERT DELIVERY     653010.892 4220084.768 653010.944 4220007.296
   AREAVERT DELIVERY     653202.139 4220007.644 653202.139 4220027.843
   AREAVERT DELIVERY     653090.696 4220027.495 653090.347 4220059.883
   AREAVERT DELIVERY     653070.148 4220059.535 653069.800 4220089.485
   AREAVERT DELIVERY     653011.002 4220089.225
** LINE VOLUME Source ID = OFF4
   SRCPARAM L0001660     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001661     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001662     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001663     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001664     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001665     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001666     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001667     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001668     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001669     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001670     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001671     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001672     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001673     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001674     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001675     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001676     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001677     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001678     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001679     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001680     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001681     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001682     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001683     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001684     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001685     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001686     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001687     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001688     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001689     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001690     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001691     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001692     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001693     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001694     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001695     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001696     0.0059512744      5.00      3.26      4.65
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   SRCPARAM L0001698     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001699     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001700     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001701     0.0059512744      5.00      3.26      4.65
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SRCPARAM L0001702     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001703     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001704     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001705     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001706     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001707     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001708     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001709     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001710     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001711     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001712     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001713     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001714     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001715     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001716     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001717     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001718     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001719     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001720     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001721     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001722     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001723     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001724     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001725     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001726     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001727     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001728     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001729     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001730     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001731     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001732     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001733     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001734     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001735     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001736     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001737     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001738     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001739     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001740     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001741     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001742     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001743     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001744     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001745     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001746     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001747     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001748     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001749     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001750     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001751     0.0059512744      5.00      3.26      4.65
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   SRCPARAM L0001752     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001753     0.0059512744      5.00      3.26      4.65
** ----------------------------------------------------------------
   SRCPARAM M_IDLE       0.0013267731     5.000         4
   AREAVERT M_IDLE       652927.349 4220051.153 652928.209 4220024.077
   AREAVERT M_IDLE       652900.058 4220023.647 652899.843 4220050.723

** Building Downwash **
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14

   BUILDWID GEN             36.15    37.07    37.19    36.18    34.07    30.92
   BUILDWID GEN             26.84    21.94    17.71    20.76    25.42    29.79
   BUILDWID GEN             33.25    35.70    37.06    37.30    36.41    34.66
   BUILDWID GEN             36.15    37.07    37.19    36.18    34.07    30.92
   BUILDWID GEN             26.84    21.94    17.71    20.76    25.42    29.79
   BUILDWID GEN             33.25    35.70    37.06    37.30    36.41    34.66

   BUILDLEN GEN             20.76    25.42    29.79    33.25    35.70    37.06
   BUILDLEN GEN             37.30    36.41    34.66    36.15    37.07    37.19
   BUILDLEN GEN             36.18    34.07    30.92    26.84    21.94    17.71
   BUILDLEN GEN             20.76    25.42    29.79    33.25    35.70    37.06
   BUILDLEN GEN             37.30    36.41    34.66    36.15    37.07    37.19
   BUILDLEN GEN             36.18    34.07    30.92    26.84    21.94    17.71

   XBADJ    GEN            -21.78   -26.13   -30.17   -33.29   -35.39   -36.42
   XBADJ    GEN            -36.35   -35.17   -33.17   -31.55   -29.42   -26.72
   XBADJ    GEN            -23.21   -18.99   -14.19    -8.96    -3.46     0.80
   XBADJ    GEN              1.02     0.71     0.38     0.04    -0.31    -0.64
   XBADJ    GEN             -0.96    -1.24    -1.49    -4.59    -7.65   -10.47
   XBADJ    GEN            -12.97   -15.08   -16.73   -17.87   -18.47   -18.51

   YBADJ    GEN             13.48    10.89     8.13     5.12     1.95    -1.27
   YBADJ    GEN             -4.45    -7.50    -9.66   -11.40   -13.42   -15.28
   YBADJ    GEN            -16.66   -17.54   -17.89   -17.70   -16.96   -15.84
   YBADJ    GEN            -13.48   -10.89    -8.13    -5.12    -1.95     1.27
   YBADJ    GEN             4.45     7.50     9.66    11.40    13.42    15.28
   YBADJ    GEN             16.66    17.54    17.89    17.70    16.96    15.84

   URBANSRC ALL

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

```
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP OFFSITE  L0001754 L0001755 L0001756 L0001757 L0001758 L0001759
SRCGROUP OFFSITE  L0001760 L0001761 L0001762 L0001763 L0001764 L0001765
SRCGROUP OFFSITE  L0001766 L0001767 L0001768 L0001769 L0001770 L0001771
SRCGROUP OFFSITE  L0001772 L0001773 L0001774 L0001775 L0001776 L0001777
SRCGROUP OFFSITE  L0001778 L0001779 L0001780 L0001781 L0001782 L0001783
SRCGROUP OFFSITE  L0001784 L0001785 L0001586 L0001587 L0001588 L0001589
SRCGROUP OFFSITE  L0001590 L0001591 L0001592 L0001593 L0001594 L0001595
SRCGROUP OFFSITE  L0001596 L0001597 L0001598 L0001599 L0001600 L0001601
SRCGROUP OFFSITE  L0001602 L0001603 L0001604 L0001605 L0001606 L0001607
SRCGROUP OFFSITE  L0001608 L0001609 L0001610 L0001611 L0001612 L0001613
SRCGROUP OFFSITE  L0001614 L0001615 L0001616 L0001617 L0001618 L0001619
SRCGROUP OFFSITE  L0001620 L0001621 L0001622 L0001623 L0001624 L0001625
SRCGROUP OFFSITE  L0001626 L0001627 L0001660 L0001661 L0001662 L0001663
SRCGROUP OFFSITE  L0001664 L0001665 L0001666 L0001667 L0001668 L0001669
SRCGROUP OFFSITE  L0001670 L0001671 L0001672 L0001673 L0001674 L0001675
SRCGROUP OFFSITE  L0001676 L0001677 L0001678 L0001679 L0001680 L0001681
SRCGROUP OFFSITE  L0001682 L0001683 L0001684 L0001685 L0001686 L0001687
SRCGROUP OFFSITE  L0001688 L0001689 L0001690 L0001691 L0001692 L0001693
SRCGROUP OFFSITE  L0001694 L0001695 L0001696 L0001697 L0001698 L0001699
SRCGROUP OFFSITE  L0001700 L0001701 L0001702 L0001703 L0001704 L0001705
SRCGROUP OFFSITE  L0001706 L0001707 L0001708 L0001709 L0001710 L0001711
SRCGROUP OFFSITE  L0001712 L0001713 L0001714 L0001715 L0001716 L0001717
SRCGROUP OFFSITE  L0001718 L0001719 L0001720 L0001721 L0001722 L0001723
SRCGROUP OFFSITE  L0001724 L0001725 L0001726 L0001727 L0001728 L0001729
SRCGROUP OFFSITE  L0001730 L0001731 L0001732 L0001733 L0001734 L0001735
SRCGROUP OFFSITE  L0001736 L0001737 L0001738 L0001739 L0001740 L0001741
SRCGROUP OFFSITE  L0001742 L0001743 L0001744 L0001745 L0001746 L0001747
SRCGROUP OFFSITE  L0001748 L0001749 L0001750 L0001751 L0001752 L0001753
SRCGROUP M_ONSITE L0001786 L0001787 L0001788 L0001789 L0001790 L0001791
SRCGROUP M_ONSITE L0001792 L0001793 L0001794 L0001795 L0001796 L0001797
SRCGROUP M_ONSITE L0001798 L0001799 L0001800 L0001801 L0001802 L0001803
SRCGROUP M_ONSITE L0001804 L0001805 L0001806 L0001807 L0001808 L0001809
```

```
   SRCGROUP M_ONSITE L0001810 L0001811 L0001812 L0001813 L0001814 L0001815
   SRCGROUP M_ONSITE L0001816 L0001817
   SRCGROUP C_ON_IDL DELIVERY
   SRCGROUP GEN      GEN
   SRCGROUP M_IDLE   M_IDLE
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Ops DPM.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\Met Data\
   SURFFILE "Met Data\Lodi Maverik.SFC"
** Profile File Path: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\Met Data\
   PROFFILE "Met Data\Lodi Maverik.PFL"
   SURFDATA 23237 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 8.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\01H1GALL.PLT" 31
   PLOTFILE 1 OFFSITE 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\01H1G001.PLT" 32
   PLOTFILE 1 M_ONSITE 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\01H1G002.PLT" 33
   PLOTFILE 1 C_ON_IDL 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\01H1G003.PLT" 34
   PLOTFILE 1 GEN 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
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DPM.AD\01H1G004.PLT" 35
   PLOTFILE 1 M_IDLE 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\01H1G005.PLT" 36
   PLOTFILE PERIOD ALL "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\PE00GALL.PLT" 37
   PLOTFILE PERIOD OFFSITE "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\PE00G001.PLT" 38
   PLOTFILE PERIOD M_ONSITE "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\PE00G002.PLT" 39
   PLOTFILE PERIOD C_ON_IDL "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\PE00G003.PLT" 40
   PLOTFILE PERIOD GEN "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\PE00G004.PLT" 41
   PLOTFILE PERIOD M_IDLE "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\OPS
DPM.AD\PE00G005.PLT" 42
   SUMMFILE "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops DPM\Ops DPM.sum"
OU FINISHED
**
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** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

```
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 12.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 1/3/2025
** FILE: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS DPM.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE LODI MAVERIK_OPERATIONS_DPM
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 67679 CITY_OF_LODI
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "OPS DPM.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = ON
** DESCRSRC MAVERIK ONSITE TRUCK CIRCULATION
** PREFIX
** LENGTH OF SIDE = 7.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 11
** 652863.608, 4220014.372, 16.83, 5.00, 3.26
** 652877.864, 4220014.048, 16.66, 5.00, 3.26
** 652902.782, 4220019.037, 16.64, 5.00, 3.26
** 652924.510, 4220019.047, 16.64, 5.00, 3.26
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** 652950.857, 4220020.445, 16.64, 5.00, 3.26
** 652975.065, 4220025.712, 16.64, 5.00, 3.26
** 652980.573, 4220026.684, 16.64, 5.00, 3.26
** 652987.377, 4220030.248, 16.64, 5.00, 3.26
** 652991.589, 4220032.516, 16.64, 5.00, 3.26
** 652993.209, 4220036.728, 16.64, 5.00, 3.26
** 652989.645, 4220125.828, 16.64, 5.00, 3.26
** --------------------------------------------------------------------
   LOCATION L0001786     VOLUME   652867.107 4220014.292 16.75
   LOCATION L0001787     VOLUME   652874.105 4220014.133 16.66
   LOCATION L0001788     VOLUME   652881.041 4220014.684 16.64
   LOCATION L0001789     VOLUME   652887.905 4220016.058 16.64
   LOCATION L0001790     VOLUME   652894.769 4220017.432 16.64
   LOCATION L0001791     VOLUME   652901.633 4220018.807 16.64
   LOCATION L0001792     VOLUME   652908.610 4220019.039 16.64
   LOCATION L0001793     VOLUME   652915.610 4220019.043 16.64
   LOCATION L0001794     VOLUME   652922.610 4220019.046 16.64
   LOCATION L0001795     VOLUME   652929.603 4220019.317 16.64
   LOCATION L0001796     VOLUME   652936.593 4220019.688 16.64
   LOCATION L0001797     VOLUME   652943.583 4220020.059 16.64
   LOCATION L0001798     VOLUME   652950.573 4220020.430 16.64
   LOCATION L0001799     VOLUME   652957.419 4220021.873 16.64
   LOCATION L0001800     VOLUME   652964.259 4220023.361 16.64
   LOCATION L0001801     VOLUME   652971.099 4220024.849 16.64
   LOCATION L0001802     VOLUME   652977.962 4220026.223 16.64
   LOCATION L0001803     VOLUME   652984.425 4220028.701 16.64
   LOCATION L0001804     VOLUME   652990.606 4220031.987 16.64
   LOCATION L0001805     VOLUME   652993.154 4220038.098 16.64
   LOCATION L0001806     VOLUME   652992.874 4220045.092 16.64
   LOCATION L0001807     VOLUME   652992.594 4220052.086 16.64
   LOCATION L0001808     VOLUME   652992.315 4220059.081 16.64
   LOCATION L0001809     VOLUME   652992.035 4220066.075 16.64
   LOCATION L0001810     VOLUME   652991.755 4220073.070 16.64
   LOCATION L0001811     VOLUME   652991.475 4220080.064 16.64
   LOCATION L0001812     VOLUME   652991.195 4220087.059 16.64
   LOCATION L0001813     VOLUME   652990.916 4220094.053 16.64
   LOCATION L0001814     VOLUME   652990.636 4220101.047 16.64
   LOCATION L0001815     VOLUME   652990.356 4220108.042 16.64
   LOCATION L0001816     VOLUME   652990.076 4220115.036 16.64
   LOCATION L0001817     VOLUME   652989.797 4220122.031 16.64
** END OF LINE VOLUME SOURCE ID = ON
** --------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = OFF3
** DESCRSRC E KETTLEMAN LANE/ BECKMAN ROAD
** PREFIX
** LENGTH OF SIDE = 7.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.19221308
** VERTICAL DIMENSION = 10.00
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** SZINIT = 4.65
** NODES = 12
** 652757.998, 4220134.995, 18.79, 5.00, 0.00
** 652758.925, 4220137.465, 18.76, 5.00, 3.26
** 652760.932, 4220139.317, 18.70, 5.00, 3.26
** 652764.482, 4220140.089, 18.69, 5.00, 3.26
** 652768.771, 4220140.827, 18.66, 5.00, 3.26
** 652832.407, 4220140.734, 16.95, 5.00, 3.26
** 652843.058, 4220140.673, 16.76, 5.00, 3.26
** 652846.300, 4220139.780, 16.75, 5.00, 3.26
** 652848.307, 4220137.928, 16.71, 5.00, 3.26
** 652852.523, 4220134.867, 16.66, 5.00, 3.26
** 652853.704, 4220123.108, 16.65, 5.00, 3.26
** 652856.592, 4220012.608, 16.98, 5.00, 3.26
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   LOCATION L0001754     VOLUME   652759.558 4220138.049 18.75
   LOCATION L0001755     VOLUME   652765.958 4220140.343 18.64
   LOCATION L0001756     VOLUME   652772.916 4220140.821 18.49
   LOCATION L0001757     VOLUME   652779.916 4220140.811 18.33
   LOCATION L0001758     VOLUME   652786.916 4220140.801 18.17
   LOCATION L0001759     VOLUME   652793.916 4220140.790 18.01
   LOCATION L0001760     VOLUME   652800.916 4220140.780 17.85
   LOCATION L0001761     VOLUME   652807.916 4220140.770 17.66
   LOCATION L0001762     VOLUME   652814.916 4220140.759 17.47
   LOCATION L0001763     VOLUME   652821.916 4220140.749 17.28
   LOCATION L0001764     VOLUME   652828.916 4220140.739 17.10
   LOCATION L0001765     VOLUME   652835.916 4220140.714 16.93
   LOCATION L0001766     VOLUME   652842.916 4220140.674 16.79
   LOCATION L0001767     VOLUME   652848.925 4220137.479 16.69
   LOCATION L0001768     VOLUME   652852.779 4220132.326 16.65
   LOCATION L0001769     VOLUME   652853.478 4220125.361 16.64
   LOCATION L0001770     VOLUME   652853.828 4220118.374 16.64
   LOCATION L0001771     VOLUME   652854.011 4220111.376 16.64
   LOCATION L0001772     VOLUME   652854.194 4220104.379 16.65
   LOCATION L0001773     VOLUME   652854.376 4220097.381 16.66
   LOCATION L0001774     VOLUME   652854.559 4220090.384 16.68
   LOCATION L0001775     VOLUME   652854.742 4220083.386 16.70
   LOCATION L0001776     VOLUME   652854.925 4220076.388 16.73
   LOCATION L0001777     VOLUME   652855.108 4220069.391 16.75
   LOCATION L0001778     VOLUME   652855.291 4220062.393 16.77
   LOCATION L0001779     VOLUME   652855.474 4220055.395 16.80
   LOCATION L0001780     VOLUME   652855.656 4220048.398 16.83
   LOCATION L0001781     VOLUME   652855.839 4220041.400 16.84
   LOCATION L0001782     VOLUME   652856.022 4220034.403 16.87
   LOCATION L0001783     VOLUME   652856.205 4220027.405 16.91
   LOCATION L0001784     VOLUME   652856.388 4220020.407 16.93
   LOCATION L0001785     VOLUME   652856.571 4220013.410 16.96
** END OF LINE VOLUME SOURCE ID = OFF3
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
```

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** LINE VOLUME SOURCE ID = OFF2
** DESCRSRC I-99 OFFRAMP
** PREFIX
** LENGTH OF SIDE = 7.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.2483671219
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 4
** 652682.780, 4219849.833, 17.32, 5.00, 3.26
** 652724.203, 4220003.986, 17.37, 5.00, 3.26
** 652748.733, 4220097.615, 18.92, 5.00, 3.26
** 652756.740, 4220133.123, 18.79, 5.00, 3.26
** ----------------------------------------------------------------------
   LOCATION L0001586     VOLUME   652683.688 4219853.214 17.32
   LOCATION L0001587     VOLUME   652685.505 4219859.974 17.36
   LOCATION L0001588     VOLUME   652687.321 4219866.734 17.40
   LOCATION L0001589     VOLUME   652689.138 4219873.494 17.42
   LOCATION L0001590     VOLUME   652690.954 4219880.254 17.43
   LOCATION L0001591     VOLUME   652692.771 4219887.014 17.43
   LOCATION L0001592     VOLUME   652694.587 4219893.775 17.43
   LOCATION L0001593     VOLUME   652696.404 4219900.535 17.42
   LOCATION L0001594     VOLUME   652698.221 4219907.295 17.41
   LOCATION L0001595     VOLUME   652700.037 4219914.055 17.41
   LOCATION L0001596     VOLUME   652701.854 4219920.815 17.40
   LOCATION L0001597     VOLUME   652703.670 4219927.576 17.40
   LOCATION L0001598     VOLUME   652705.487 4219934.336 17.40
   LOCATION L0001599     VOLUME   652707.303 4219941.096 17.40
   LOCATION L0001600     VOLUME   652709.120 4219947.856 17.40
   LOCATION L0001601     VOLUME   652710.936 4219954.616 17.40
   LOCATION L0001602     VOLUME   652712.753 4219961.377 17.40
   LOCATION L0001603     VOLUME   652714.570 4219968.137 17.41
   LOCATION L0001604     VOLUME   652716.386 4219974.897 17.40
   LOCATION L0001605     VOLUME   652718.203 4219981.657 17.38
   LOCATION L0001606     VOLUME   652720.019 4219988.417 17.38
   LOCATION L0001607     VOLUME   652721.836 4219995.177 17.38
   LOCATION L0001608     VOLUME   652723.652 4220001.938 17.38
   LOCATION L0001609     VOLUME   652725.439 4220008.706 17.37
   LOCATION L0001610     VOLUME   652727.213 4220015.477 17.36
   LOCATION L0001611     VOLUME   652728.987 4220022.249 17.31
   LOCATION L0001612     VOLUME   652730.761 4220029.020 17.93
   LOCATION L0001613     VOLUME   652732.536 4220035.792 18.51
   LOCATION L0001614     VOLUME   652734.310 4220042.563 18.61
   LOCATION L0001615     VOLUME   652736.084 4220049.334 18.66
   LOCATION L0001616     VOLUME   652737.858 4220056.106 18.69
   LOCATION L0001617     VOLUME   652739.632 4220062.877 18.66
   LOCATION L0001618     VOLUME   652741.406 4220069.649 18.68
   LOCATION L0001619     VOLUME   652743.180 4220076.420 18.71
   LOCATION L0001620     VOLUME   652744.954 4220083.192 18.73
   LOCATION L0001621     VOLUME   652746.728 4220089.963 18.83
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   LOCATION L0001622     VOLUME   652748.502 4220096.735 18.89
   LOCATION L0001623     VOLUME   652750.072 4220103.556 18.72
   LOCATION L0001624     VOLUME   652751.612 4220110.384 18.72
   LOCATION L0001625     VOLUME   652753.152 4220117.213 18.77
   LOCATION L0001626     VOLUME   652754.692 4220124.041 18.77
   LOCATION L0001627     VOLUME   652756.231 4220130.870 18.78
** END OF LINE VOLUME SOURCE ID = OFF2
   LOCATION GEN          POINT      652932.840  4220079.830       16.640
** DESCRSRC BACKUP GENERATOR
   LOCATION DELIVERY     AREAPOLY   653010.892  4220084.768       16.640
** DESCRSRC TRUCK DELIVERIES (IDLING AND CIRCULATION)
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = OFF4
** DESCRSRC BECKMAN ROAD TO I-99 ONRAMP
** PREFIX
** LENGTH OF SIDE = 7.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.5594197981
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 17
** 652988.505, 4220128.959, 16.64, 5.00, 3.26
** 652987.808, 4220136.970, 16.64, 5.00, 3.26
** 652986.067, 4220141.846, 16.64, 5.00, 3.26
** 652982.932, 4220148.811, 16.64, 5.00, 3.26
** 652976.663, 4220152.643, 16.64, 5.00, 3.26
** 652969.000, 4220154.384, 16.64, 5.00, 3.26
** 652887.500, 4220154.036, 16.64, 5.00, 3.26
** 652780.575, 4220153.688, 18.30, 5.00, 3.26
** 652774.889, 4220155.639, 18.50, 5.00, 3.26
** 652769.605, 4220160.420, 18.70, 5.00, 3.26
** 652767.843, 4220164.950, 18.70, 5.00, 3.26
** 652766.333, 4220176.777, 18.76, 5.00, 3.26
** 652769.153, 4220293.364, 18.57, 5.00, 3.26
** 652771.612, 4220365.081, 17.43, 5.00, 3.26
** 652773.661, 4220430.650, 17.40, 5.00, 3.26
** 652773.951, 4220450.687, 17.40, 5.00, 3.26
** 652771.494, 4220581.735, 17.40, 5.00, 3.26
** ----------------------------------------------------------------
   LOCATION L0001660     VOLUME   652988.201 4220132.446 16.64
   LOCATION L0001661     VOLUME   652986.981 4220139.285 16.64
   LOCATION L0001662     VOLUME   652984.310 4220145.750 16.64
   LOCATION L0001663     VOLUME   652979.824 4220150.711 16.64
   LOCATION L0001664     VOLUME   652973.449 4220153.373 16.64
   LOCATION L0001665     VOLUME   652966.563 4220154.374 16.64
   LOCATION L0001666     VOLUME   652959.563 4220154.344 16.64
   LOCATION L0001667     VOLUME   652952.563 4220154.314 16.64
   LOCATION L0001668     VOLUME   652945.563 4220154.284 16.64
   LOCATION L0001669     VOLUME   652938.563 4220154.254 16.64
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LOCATION L0001670 VOLUME 652931.563 4220154.224 16.64
LOCATION L0001671 VOLUME 652924.563 4220154.194 16.64
LOCATION L0001672 VOLUME 652917.563 4220154.164 16.64
LOCATION L0001673 VOLUME 652910.563 4220154.134 16.64
LOCATION L0001674 VOLUME 652903.563 4220154.104 16.64
LOCATION L0001675 VOLUME 652896.563 4220154.075 16.64
LOCATION L0001676 VOLUME 652889.563 4220154.045 16.64
LOCATION L0001677 VOLUME 652882.563 4220154.020 16.64
LOCATION L0001678 VOLUME 652875.563 4220153.997 16.64
LOCATION L0001679 VOLUME 652868.563 4220153.974 16.64
LOCATION L0001680 VOLUME 652861.564 4220153.951 16.63
LOCATION L0001681 VOLUME 652854.564 4220153.929 16.66
LOCATION L0001682 VOLUME 652847.564 4220153.906 16.75
LOCATION L0001683 VOLUME 652840.564 4220153.883 16.90
LOCATION L0001684 VOLUME 652833.564 4220153.860 17.06
LOCATION L0001685 VOLUME 652826.564 4220153.837 17.23
LOCATION L0001686 VOLUME 652819.564 4220153.815 17.43
LOCATION L0001687 VOLUME 652812.564 4220153.792 17.62
LOCATION L0001688 VOLUME 652805.564 4220153.769 17.80
LOCATION L0001689 VOLUME 652798.564 4220153.746 17.96
LOCATION L0001690 VOLUME 652791.564 4220153.723 18.11
LOCATION L0001691 VOLUME 652784.564 4220153.701 18.26
LOCATION L0001692 VOLUME 652777.727 4220154.665 18.42
LOCATION L0001693 VOLUME 652771.923 4220158.322 18.57
LOCATION L0001694 VOLUME 652768.201 4220164.030 18.65
LOCATION L0001695 VOLUME 652767.082 4220170.914 18.69
LOCATION L0001696 VOLUME 652766.359 4220177.866 18.73
LOCATION L0001697 VOLUME 652766.529 4220184.864 18.74
LOCATION L0001698 VOLUME 652766.698 4220191.862 18.74
LOCATION L0001699 VOLUME 652766.867 4220198.860 18.74
LOCATION L0001700 VOLUME 652767.037 4220205.858 18.76
LOCATION L0001701 VOLUME 652767.206 4220212.856 18.78
LOCATION L0001702 VOLUME 652767.375 4220219.854 18.80
LOCATION L0001703 VOLUME 652767.544 4220226.852 18.79
LOCATION L0001704 VOLUME 652767.714 4220233.850 18.80
LOCATION L0001705 VOLUME 652767.883 4220240.848 18.81
LOCATION L0001706 VOLUME 652768.052 4220247.846 18.85
LOCATION L0001707 VOLUME 652768.222 4220254.844 18.87
LOCATION L0001708 VOLUME 652768.391 4220261.842 18.87
LOCATION L0001709 VOLUME 652768.560 4220268.840 18.85
LOCATION L0001710 VOLUME 652768.729 4220275.838 18.81
LOCATION L0001711 VOLUME 652768.899 4220282.836 18.74
LOCATION L0001712 VOLUME 652769.068 4220289.834 18.59
LOCATION L0001713 VOLUME 652769.272 4220296.831 18.53
LOCATION L0001714 VOLUME 652769.512 4220303.827 18.33
LOCATION L0001715 VOLUME 652769.752 4220310.822 17.74
LOCATION L0001716 VOLUME 652769.992 4220317.818 17.46
LOCATION L0001717 VOLUME 652770.232 4220324.814 17.36
LOCATION L0001718 VOLUME 652770.472 4220331.810 17.46
LOCATION L0001719 VOLUME 652770.711 4220338.806 17.47

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   LOCATION L0001720     VOLUME   652770.951 4220345.802 17.47
   LOCATION L0001721     VOLUME   652771.191 4220352.798 17.46
   LOCATION L0001722     VOLUME   652771.431 4220359.794 17.44
   LOCATION L0001723     VOLUME   652771.666 4220366.790 17.44
   LOCATION L0001724     VOLUME   652771.884 4220373.786 17.45
   LOCATION L0001725     VOLUME   652772.103 4220380.783 17.44
   LOCATION L0001726     VOLUME   652772.322 4220387.779 17.42
   LOCATION L0001727     VOLUME   652772.540 4220394.776 17.40
   LOCATION L0001728     VOLUME   652772.759 4220401.773 17.40
   LOCATION L0001729     VOLUME   652772.977 4220408.769 17.40
   LOCATION L0001730     VOLUME   652773.196 4220415.766 17.40
   LOCATION L0001731     VOLUME   652773.415 4220422.762 17.40
   LOCATION L0001732     VOLUME   652773.633 4220429.759 17.40
   LOCATION L0001733     VOLUME   652773.750 4220436.758 17.40
   LOCATION L0001734     VOLUME   652773.851 4220443.757 17.40
   LOCATION L0001735     VOLUME   652773.950 4220450.756 17.40
   LOCATION L0001736     VOLUME   652773.819 4220457.755 17.40
   LOCATION L0001737     VOLUME   652773.688 4220464.754 17.40
   LOCATION L0001738     VOLUME   652773.556 4220471.753 17.40
   LOCATION L0001739     VOLUME   652773.425 4220478.751 17.40
   LOCATION L0001740     VOLUME   652773.294 4220485.750 17.40
   LOCATION L0001741     VOLUME   652773.163 4220492.749 17.40
   LOCATION L0001742     VOLUME   652773.031 4220499.748 17.40
   LOCATION L0001743     VOLUME   652772.900 4220506.747 17.40
   LOCATION L0001744     VOLUME   652772.769 4220513.745 17.40
   LOCATION L0001745     VOLUME   652772.638 4220520.744 17.40
   LOCATION L0001746     VOLUME   652772.507 4220527.743 17.40
   LOCATION L0001747     VOLUME   652772.375 4220534.742 17.40
   LOCATION L0001748     VOLUME   652772.244 4220541.740 17.40
   LOCATION L0001749     VOLUME   652772.113 4220548.739 17.40
   LOCATION L0001750     VOLUME   652771.982 4220555.738 17.40
   LOCATION L0001751     VOLUME   652771.851 4220562.737 17.40
   LOCATION L0001752     VOLUME   652771.719 4220569.735 17.40
   LOCATION L0001753     VOLUME   652771.588 4220576.734 17.40
** END OF LINE VOLUME SOURCE ID = OFF4
   LOCATION M_IDLE       AREAPOLY   652927.349  4220051.153       16.640
** DESCRSRC MAVERIK TRUCK IDLE - FUELING
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = ON
   SRCPARAM L0001786       0.03125      5.00      3.26      4.65
   SRCPARAM L0001787       0.03125      5.00      3.26      4.65
   SRCPARAM L0001788       0.03125      5.00      3.26      4.65
   SRCPARAM L0001789       0.03125      5.00      3.26      4.65
   SRCPARAM L0001790       0.03125      5.00      3.26      4.65
   SRCPARAM L0001791       0.03125      5.00      3.26      4.65
   SRCPARAM L0001792       0.03125      5.00      3.26      4.65
   SRCPARAM L0001793       0.03125      5.00      3.26      4.65
   SRCPARAM L0001794       0.03125      5.00      3.26      4.65
   SRCPARAM L0001795       0.03125      5.00      3.26      4.65
   SRCPARAM L0001796       0.03125      5.00      3.26      4.65
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   SRCPARAM L0001797       0.03125      5.00      3.26      4.65
   SRCPARAM L0001798       0.03125      5.00      3.26      4.65
   SRCPARAM L0001799       0.03125      5.00      3.26      4.65
   SRCPARAM L0001800       0.03125      5.00      3.26      4.65
   SRCPARAM L0001801       0.03125      5.00      3.26      4.65
   SRCPARAM L0001802       0.03125      5.00      3.26      4.65
   SRCPARAM L0001803       0.03125      5.00      3.26      4.65
   SRCPARAM L0001804       0.03125      5.00      3.26      4.65
   SRCPARAM L0001805       0.03125      5.00      3.26      4.65
   SRCPARAM L0001806       0.03125      5.00      3.26      4.65
   SRCPARAM L0001807       0.03125      5.00      3.26      4.65
   SRCPARAM L0001808       0.03125      5.00      3.26      4.65
   SRCPARAM L0001809       0.03125      5.00      3.26      4.65
   SRCPARAM L0001810       0.03125      5.00      3.26      4.65
   SRCPARAM L0001811       0.03125      5.00      3.26      4.65
   SRCPARAM L0001812       0.03125      5.00      3.26      4.65
   SRCPARAM L0001813       0.03125      5.00      3.26      4.65
   SRCPARAM L0001814       0.03125      5.00      3.26      4.65
   SRCPARAM L0001815       0.03125      5.00      3.26      4.65
   SRCPARAM L0001816       0.03125      5.00      3.26      4.65
   SRCPARAM L0001817       0.03125      5.00      3.26      4.65
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = OFF3
   SRCPARAM L0001754     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001755     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001756     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001757     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001758     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001759     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001760     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001761     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001762     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001763     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001764     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001765     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001766     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001767     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001768     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001769     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001770     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001771     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001772     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001773     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001774     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001775     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001776     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001777     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001778     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001779     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001780     0.0060066587      5.00      3.26      4.65
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   SRCPARAM L0001781     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001782     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001783     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001784     0.0060066587      5.00      3.26      4.65
   SRCPARAM L0001785     0.0060066587      5.00      3.26      4.65
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = OFF2
   SRCPARAM L0001586     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001587     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001588     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001589     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001590     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001591     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001592     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001593     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001594     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001595     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001596     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001597     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001598     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001599     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001600     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001601     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001602     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001603     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001604     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001605     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001606     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001607     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001608     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001609     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001610     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001611     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001612     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001613     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001614     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001615     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001616     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001617     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001618     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001619     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001620     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001621     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001622     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001623     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001624     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001625     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001626     0.0059135029      5.00      3.26      4.65
   SRCPARAM L0001627     0.0059135029      5.00      3.26      4.65
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   SRCPARAM GEN               1.0     5.000   763.850   224.391     0.229
   SRCPARAM DELIVERY     0.0001224939     5.000         9
   AREAVERT DELIVERY     653010.892 4220084.768 653010.944 4220007.296
   AREAVERT DELIVERY     653202.139 4220007.644 653202.139 4220027.843
   AREAVERT DELIVERY     653090.696 4220027.495 653090.347 4220059.883
   AREAVERT DELIVERY     653070.148 4220059.535 653069.800 4220089.485
   AREAVERT DELIVERY     653011.002 4220089.225
** LINE VOLUME SOURCE ID = OFF4
   SRCPARAM L0001660     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001661     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001662     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001663     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001664     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001665     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001666     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001667     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001668     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001669     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001670     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001671     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001672     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001673     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001674     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001675     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001676     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001677     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001678     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001679     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001680     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001681     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001682     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001683     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001684     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001685     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001686     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001687     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001688     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001689     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001690     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001691     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001692     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001693     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001694     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001695     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001696     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001697     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001698     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001699     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001700     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001701     0.0059512744      5.00      3.26      4.65
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SRCPARAM L0001702     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001703     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001704     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001705     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001706     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001707     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001708     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001709     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001710     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001711     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001712     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001713     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001714     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001715     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001716     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001717     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001718     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001719     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001720     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001721     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001722     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001723     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001724     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001725     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001726     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001727     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001728     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001729     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001730     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001731     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001732     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001733     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001734     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001735     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001736     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001737     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001738     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001739     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001740     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001741     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001742     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001743     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001744     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001745     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001746     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001747     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001748     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001749     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001750     0.0059512744      5.00      3.26      4.65
SRCPARAM L0001751     0.0059512744      5.00      3.26      4.65
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   SRCPARAM L0001752     0.0059512744      5.00      3.26      4.65
   SRCPARAM L0001753     0.0059512744      5.00      3.26      4.65
** ------------------------------------------------------------------
   SRCPARAM M_IDLE       0.0013267731     5.000         4
   AREAVERT M_IDLE       652927.349 4220051.153 652928.209 4220024.077
   AREAVERT M_IDLE       652900.058 4220023.647 652899.843 4220050.723

** BUILDING DOWNWASH **
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14
   BUILDHGT GEN              9.14     9.14     9.14     9.14     9.14     9.14

   BUILDWID GEN             36.15    37.07    37.19    36.18    34.07    30.92
   BUILDWID GEN             26.84    21.94    17.71    20.76    25.42    29.79
   BUILDWID GEN             33.25    35.70    37.06    37.30    36.41    34.66
   BUILDWID GEN             36.15    37.07    37.19    36.18    34.07    30.92
   BUILDWID GEN             26.84    21.94    17.71    20.76    25.42    29.79
   BUILDWID GEN             33.25    35.70    37.06    37.30    36.41    34.66

   BUILDLEN GEN             20.76    25.42    29.79    33.25    35.70    37.06
   BUILDLEN GEN             37.30    36.41    34.66    36.15    37.07    37.19
   BUILDLEN GEN             36.18    34.07    30.92    26.84    21.94    17.71
   BUILDLEN GEN             20.76    25.42    29.79    33.25    35.70    37.06
   BUILDLEN GEN             37.30    36.41    34.66    36.15    37.07    37.19
   BUILDLEN GEN             36.18    34.07    30.92    26.84    21.94    17.71

   XBADJ    GEN            -21.78   -26.13   -30.17   -33.29   -35.39   -36.42
   XBADJ    GEN            -36.35   -35.17   -33.17   -31.55   -29.42   -26.72
   XBADJ    GEN            -23.21   -18.99   -14.19    -8.96    -3.46     0.80
   XBADJ    GEN              1.02     0.71     0.38     0.04    -0.31    -0.64
   XBADJ    GEN             -0.96    -1.24    -1.49    -4.59    -7.65   -10.47
   XBADJ    GEN            -12.97   -15.08   -16.73   -17.87   -18.47   -18.51

   YBADJ    GEN             13.48    10.89     8.13     5.12     1.95    -1.27
   YBADJ    GEN             -4.45    -7.50    -9.66   -11.40   -13.42   -15.28
   YBADJ    GEN            -16.66   -17.54   -17.89   -17.70   -16.96   -15.84
   YBADJ    GEN            -13.48   -10.89    -8.13    -5.12    -1.95     1.27
   YBADJ    GEN              4.45     7.50     9.66    11.40    13.42    15.28
   YBADJ    GEN             16.66    17.54    17.89    17.70    16.96    15.84

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / SEVEN DAYS (HRDOW7)"
** VARIABLE EMISSION SCENARIO: "GEN"
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

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EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP OFFSITE  L0001754 L0001755 L0001756 L0001757 L0001758 L0001759
SRCGROUP OFFSITE  L0001760 L0001761 L0001762 L0001763 L0001764 L0001765
SRCGROUP OFFSITE  L0001766 L0001767 L0001768 L0001769 L0001770 L0001771
SRCGROUP OFFSITE  L0001772 L0001773 L0001774 L0001775 L0001776 L0001777
SRCGROUP OFFSITE  L0001778 L0001779 L0001780 L0001781 L0001782 L0001783
SRCGROUP OFFSITE  L0001784 L0001785 L0001586 L0001587 L0001588 L0001589
SRCGROUP OFFSITE  L0001590 L0001591 L0001592 L0001593 L0001594 L0001595
SRCGROUP OFFSITE  L0001596 L0001597 L0001598 L0001599 L0001600 L0001601
SRCGROUP OFFSITE  L0001602 L0001603 L0001604 L0001605 L0001606 L0001607
SRCGROUP OFFSITE  L0001608 L0001609 L0001610 L0001611 L0001612 L0001613
SRCGROUP OFFSITE  L0001614 L0001615 L0001616 L0001617 L0001618 L0001619
SRCGROUP OFFSITE  L0001620 L0001621 L0001622 L0001623 L0001624 L0001625
SRCGROUP OFFSITE  L0001626 L0001627 L0001660 L0001661 L0001662 L0001663
SRCGROUP OFFSITE  L0001664 L0001665 L0001666 L0001667 L0001668 L0001669
SRCGROUP OFFSITE  L0001670 L0001671 L0001672 L0001673 L0001674 L0001675
SRCGROUP OFFSITE  L0001676 L0001677 L0001678 L0001679 L0001680 L0001681
SRCGROUP OFFSITE  L0001682 L0001683 L0001684 L0001685 L0001686 L0001687
SRCGROUP OFFSITE  L0001688 L0001689 L0001690 L0001691 L0001692 L0001693
SRCGROUP OFFSITE  L0001694 L0001695 L0001696 L0001697 L0001698 L0001699
SRCGROUP OFFSITE  L0001700 L0001701 L0001702 L0001703 L0001704 L0001705
SRCGROUP OFFSITE  L0001706 L0001707 L0001708 L0001709 L0001710 L0001711
SRCGROUP OFFSITE  L0001712 L0001713 L0001714 L0001715 L0001716 L0001717
SRCGROUP OFFSITE  L0001718 L0001719 L0001720 L0001721 L0001722 L0001723
SRCGROUP OFFSITE  L0001724 L0001725 L0001726 L0001727 L0001728 L0001729
SRCGROUP OFFSITE  L0001730 L0001731 L0001732 L0001733 L0001734 L0001735
SRCGROUP OFFSITE  L0001736 L0001737 L0001738 L0001739 L0001740 L0001741
SRCGROUP OFFSITE  L0001742 L0001743 L0001744 L0001745 L0001746 L0001747
SRCGROUP OFFSITE  L0001748 L0001749 L0001750 L0001751 L0001752 L0001753
SRCGROUP M_ONSITE L0001786 L0001787 L0001788 L0001789 L0001790 L0001791
SRCGROUP M_ONSITE L0001792 L0001793 L0001794 L0001795 L0001796 L0001797
SRCGROUP M_ONSITE L0001798 L0001799 L0001800 L0001801 L0001802 L0001803
SRCGROUP M_ONSITE L0001804 L0001805 L0001806 L0001807 L0001808 L0001809
```

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   SRCGROUP M_ONSITE L0001810 L0001811 L0001812 L0001813 L0001814 L0001815
   SRCGROUP M_ONSITE L0001816 L0001817
   SRCGROUP C_ON_IDL DELIVERY
   SRCGROUP GEN      GEN
   SRCGROUP M_IDLE   M_IDLE
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "OPS DPM.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\MET DATA\
   SURFFILE METDAT~1\LODIMA~1.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\MET DATA\
   PROFFILE METDAT~1\LODIMA~1.PFL
   SURFDATA 23237 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 8.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\01H1GALL.PLT" 31
   PLOTFILE   1 OFFSITE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\01H1G001.PLT" 32
   PLOTFILE   1 M_ONSITE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\01H1G002.PLT" 33
   PLOTFILE   1 C_ON_IDL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\01H1G003.PLT" 34
   PLOTFILE   1 GEN 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
```

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DPM.AD\01H1G004.PLT" 35
   PLOTFILE   1 M_IDLE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\01H1G005.PLT" 36
   PLOTFILE   PERIOD ALL "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\PE00GALL.PLT" 37
   PLOTFILE   PERIOD OFFSITE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\PE00G001.PLT" 38
   PLOTFILE   PERIOD M_ONSITE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS
DPM\OPS DPM.AD\PE00G002.PLT" 39
   PLOTFILE   PERIOD C_ON_IDL "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS
DPM\OPS DPM.AD\PE00G003.PLT" 40
   PLOTFILE   PERIOD GEN "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\PE00G004.PLT" 41
   PLOTFILE   PERIOD M_IDLE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS
DPM.AD\PE00G005.PLT" 42
   SUMMFILE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS DPM.SUM"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     451        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W187     681       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                           ***       15:56:29

                                     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   203 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =     67679.0 ;  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:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    203 Source(s);       6 Source Group(s); and     568
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    200 VOLUME source(s)
                 and:      2 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:  21112

 **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) = 8.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.4 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: OPS DPM.ERR

**File for Summary of Results: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS DPM\OPS DPM.SUM

*** AERMOD - VERSION 22112 *** *** LODI MAVERIK_OPERATIONS_DPM
*** *** 01/03/25
*** AERMET - VERSION 21112 *** ***
*** 15:56:29

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

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
GEN	0	0.10000E+01	652932.8	4220079.8	16.6	5.00	763.85						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001786	0	0.31250E-01	652867.1	4220014.3	16.8	5.00	3.26	4.65	YES	
L0001787	0	0.31250E-01	652874.1	4220014.1	16.7	5.00	3.26	4.65	YES	
L0001788	0	0.31250E-01	652881.0	4220014.7	16.6	5.00	3.26	4.65	YES	
L0001789	0	0.31250E-01	652887.9	4220016.1	16.6	5.00	3.26	4.65	YES	
L0001790	0	0.31250E-01	652894.8	4220017.4	16.6	5.00	3.26	4.65	YES	
L0001791	0	0.31250E-01	652901.6	4220018.8	16.6	5.00	3.26	4.65	YES	
L0001792	0	0.31250E-01	652908.6	4220019.0	16.6	5.00	3.26	4.65	YES	
L0001793	0	0.31250E-01	652915.6	4220019.0	16.6	5.00	3.26	4.65	YES	
L0001794	0	0.31250E-01	652922.6	4220019.0	16.6	5.00	3.26	4.65	YES	
L0001795	0	0.31250E-01	652929.6	4220019.3	16.6	5.00	3.26	4.65	YES	
L0001796	0	0.31250E-01	652936.6	4220019.7	16.6	5.00	3.26	4.65	YES	
L0001797	0	0.31250E-01	652943.6	4220020.1	16.6	5.00	3.26	4.65	YES	
L0001798	0	0.31250E-01	652950.6	4220020.4	16.6	5.00	3.26	4.65	YES	
L0001799	0	0.31250E-01	652957.4	4220021.9	16.6	5.00	3.26	4.65	YES	
L0001800	0	0.31250E-01	652964.3	4220023.4	16.6	5.00	3.26			

4.65 YES
L0001801 0 0.31250E-01 652971.1 4220024.8 16.6 5.00 3.26
4.65 YES
L0001802 0 0.31250E-01 652978.0 4220026.2 16.6 5.00 3.26
4.65 YES
L0001803 0 0.31250E-01 652984.4 4220028.7 16.6 5.00 3.26
4.65 YES
L0001804 0 0.31250E-01 652990.6 4220032.0 16.6 5.00 3.26
4.65 YES
L0001805 0 0.31250E-01 652993.2 4220038.1 16.6 5.00 3.26
4.65 YES
L0001806 0 0.31250E-01 652992.9 4220045.1 16.6 5.00 3.26
4.65 YES
L0001807 0 0.31250E-01 652992.6 4220052.1 16.6 5.00 3.26
4.65 YES
L0001808 0 0.31250E-01 652992.3 4220059.1 16.6 5.00 3.26
4.65 YES
L0001809 0 0.31250E-01 652992.0 4220066.1 16.6 5.00 3.26
4.65 YES
L0001810 0 0.31250E-01 652991.8 4220073.1 16.6 5.00 3.26
4.65 YES
L0001811 0 0.31250E-01 652991.5 4220080.1 16.6 5.00 3.26
4.65 YES
L0001812 0 0.31250E-01 652991.2 4220087.1 16.6 5.00 3.26
4.65 YES
L0001813 0 0.31250E-01 652990.9 4220094.1 16.6 5.00 3.26
4.65 YES
L0001814 0 0.31250E-01 652990.6 4220101.0 16.6 5.00 3.26
4.65 YES
L0001815 0 0.31250E-01 652990.4 4220108.0 16.6 5.00 3.26
4.65 YES
L0001816 0 0.31250E-01 652990.1 4220115.0 16.6 5.00 3.26
4.65 YES
L0001817 0 0.31250E-01 652989.8 4220122.0 16.6 5.00 3.26
4.65 YES
L0001754 0 0.60067E-02 652759.6 4220138.0 18.8 5.00 3.26
4.65 YES
L0001755 0 0.60067E-02 652766.0 4220140.3 18.6 5.00 3.26
4.65 YES
L0001756 0 0.60067E-02 652772.9 4220140.8 18.5 5.00 3.26
4.65 YES
L0001757 0 0.60067E-02 652779.9 4220140.8 18.3 5.00 3.26
4.65 YES
L0001758 0 0.60067E-02 652786.9 4220140.8 18.2 5.00 3.26
4.65 YES
L0001759 0 0.60067E-02 652793.9 4220140.8 18.0 5.00 3.26
4.65 YES
L0001760 0 0.60067E-02 652800.9 4220140.8 17.9 5.00 3.26
4.65 YES
L0001761 0 0.60067E-02 652807.9 4220140.8 17.7 5.00 3.26

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001762	0	0.60067E-02	652814.9	4220140.8	17.5	5.00	3.26	4.65	YES	
L0001763	0	0.60067E-02	652821.9	4220140.7	17.3	5.00	3.26	4.65	YES	
L0001764	0	0.60067E-02	652828.9	4220140.7	17.1	5.00	3.26	4.65	YES	
L0001765	0	0.60067E-02	652835.9	4220140.7	16.9	5.00	3.26	4.65	YES	
L0001766	0	0.60067E-02	652842.9	4220140.7	16.8	5.00	3.26	4.65	YES	
L0001767	0	0.60067E-02	652848.9	4220137.5	16.7	5.00	3.26	4.65	YES	
L0001768	0	0.60067E-02	652852.8	4220132.3	16.7	5.00	3.26	4.65	YES	
L0001769	0	0.60067E-02	652853.5	4220125.4	16.6	5.00	3.26	4.65	YES	
L0001770	0	0.60067E-02	652853.8	4220118.4	16.6	5.00	3.26	4.65	YES	
L0001771	0	0.60067E-02	652854.0	4220111.4	16.6	5.00	3.26	4.65	YES	
L0001772	0	0.60067E-02	652854.2	4220104.4	16.7	5.00	3.26	4.65	YES	
L0001773	0	0.60067E-02	652854.4	4220097.4	16.7	5.00	3.26	4.65	YES	
L0001774	0	0.60067E-02	652854.6	4220090.4	16.7	5.00	3.26	4.65	YES	
L0001775	0	0.60067E-02	652854.7	4220083.4	16.7	5.00	3.26	4.65	YES	
L0001776	0	0.60067E-02	652854.9	4220076.4	16.7	5.00	3.26			

4.65 YES
L0001777 0 0.60067E-02 652855.1 4220069.4 16.8 5.00 3.26
4.65 YES
L0001778 0 0.60067E-02 652855.3 4220062.4 16.8 5.00 3.26
4.65 YES
L0001779 0 0.60067E-02 652855.5 4220055.4 16.8 5.00 3.26
4.65 YES
L0001780 0 0.60067E-02 652855.7 4220048.4 16.8 5.00 3.26
4.65 YES
L0001781 0 0.60067E-02 652855.8 4220041.4 16.8 5.00 3.26
4.65 YES
L0001782 0 0.60067E-02 652856.0 4220034.4 16.9 5.00 3.26
4.65 YES
L0001783 0 0.60067E-02 652856.2 4220027.4 16.9 5.00 3.26
4.65 YES
L0001784 0 0.60067E-02 652856.4 4220020.4 16.9 5.00 3.26
4.65 YES
L0001785 0 0.60067E-02 652856.6 4220013.4 17.0 5.00 3.26
4.65 YES
L0001586 0 0.59135E-02 652683.7 4219853.2 17.3 5.00 3.26
4.65 YES
L0001587 0 0.59135E-02 652685.5 4219860.0 17.4 5.00 3.26
4.65 YES
L0001588 0 0.59135E-02 652687.3 4219866.7 17.4 5.00 3.26
4.65 YES
L0001589 0 0.59135E-02 652689.1 4219873.5 17.4 5.00 3.26
4.65 YES
L0001590 0 0.59135E-02 652691.0 4219880.3 17.4 5.00 3.26
4.65 YES
L0001591 0 0.59135E-02 652692.8 4219887.0 17.4 5.00 3.26
4.65 YES
L0001592 0 0.59135E-02 652694.6 4219893.8 17.4 5.00 3.26
4.65 YES
L0001593 0 0.59135E-02 652696.4 4219900.5 17.4 5.00 3.26
4.65 YES
L0001594 0 0.59135E-02 652698.2 4219907.3 17.4 5.00 3.26
4.65 YES
L0001595 0 0.59135E-02 652700.0 4219914.1 17.4 5.00 3.26
4.65 YES
L0001596 0 0.59135E-02 652701.9 4219920.8 17.4 5.00 3.26
4.65 YES
L0001597 0 0.59135E-02 652703.7 4219927.6 17.4 5.00 3.26
4.65 YES
L0001598 0 0.59135E-02 652705.5 4219934.3 17.4 5.00 3.26
4.65 YES
L0001599 0 0.59135E-02 652707.3 4219941.1 17.4 5.00 3.26
4.65 YES
L0001600 0 0.59135E-02 652709.1 4219947.9 17.4 5.00 3.26
4.65 YES
L0001601 0 0.59135E-02 652710.9 4219954.6 17.4 5.00 3.26

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001602	0	0.59135E-02	652712.8	4219961.4	17.4	5.00	3.26	4.65	YES	
L0001603	0	0.59135E-02	652714.6	4219968.1	17.4	5.00	3.26	4.65	YES	
L0001604	0	0.59135E-02	652716.4	4219974.9	17.4	5.00	3.26	4.65	YES	
L0001605	0	0.59135E-02	652718.2	4219981.7	17.4	5.00	3.26	4.65	YES	
L0001606	0	0.59135E-02	652720.0	4219988.4	17.4	5.00	3.26	4.65	YES	
L0001607	0	0.59135E-02	652721.8	4219995.2	17.4	5.00	3.26	4.65	YES	
L0001608	0	0.59135E-02	652723.7	4220001.9	17.4	5.00	3.26	4.65	YES	
L0001609	0	0.59135E-02	652725.4	4220008.7	17.4	5.00	3.26	4.65	YES	
L0001610	0	0.59135E-02	652727.2	4220015.5	17.4	5.00	3.26	4.65	YES	
L0001611	0	0.59135E-02	652729.0	4220022.2	17.3	5.00	3.26	4.65	YES	
L0001612	0	0.59135E-02	652730.8	4220029.0	17.9	5.00	3.26	4.65	YES	
L0001613	0	0.59135E-02	652732.5	4220035.8	18.5	5.00	3.26	4.65	YES	
L0001614	0	0.59135E-02	652734.3	4220042.6	18.6	5.00	3.26	4.65	YES	
L0001615	0	0.59135E-02	652736.1	4220049.3	18.7	5.00	3.26	4.65	YES	
L0001616	0	0.59135E-02	652737.9	4220056.1	18.7	5.00	3.26			

4.65 YES
L0001617 0 0.59135E-02 652739.6 4220062.9 18.7 5.00 3.26
4.65 YES
L0001618 0 0.59135E-02 652741.4 4220069.6 18.7 5.00 3.26
4.65 YES
L0001619 0 0.59135E-02 652743.2 4220076.4 18.7 5.00 3.26
4.65 YES
L0001620 0 0.59135E-02 652745.0 4220083.2 18.7 5.00 3.26
4.65 YES
L0001621 0 0.59135E-02 652746.7 4220090.0 18.8 5.00 3.26
4.65 YES
L0001622 0 0.59135E-02 652748.5 4220096.7 18.9 5.00 3.26
4.65 YES
L0001623 0 0.59135E-02 652750.1 4220103.6 18.7 5.00 3.26
4.65 YES
L0001624 0 0.59135E-02 652751.6 4220110.4 18.7 5.00 3.26
4.65 YES
L0001625 0 0.59135E-02 652753.2 4220117.2 18.8 5.00 3.26
4.65 YES
L0001626 0 0.59135E-02 652754.7 4220124.0 18.8 5.00 3.26
4.65 YES
L0001627 0 0.59135E-02 652756.2 4220130.9 18.8 5.00 3.26
4.65 YES
L0001660 0 0.59513E-02 652988.2 4220132.4 16.6 5.00 3.26
4.65 YES
L0001661 0 0.59513E-02 652987.0 4220139.3 16.6 5.00 3.26
4.65 YES
L0001662 0 0.59513E-02 652984.3 4220145.8 16.6 5.00 3.26
4.65 YES
L0001663 0 0.59513E-02 652979.8 4220150.7 16.6 5.00 3.26
4.65 YES
L0001664 0 0.59513E-02 652973.4 4220153.4 16.6 5.00 3.26
4.65 YES
L0001665 0 0.59513E-02 652966.6 4220154.4 16.6 5.00 3.26
4.65 YES
L0001666 0 0.59513E-02 652959.6 4220154.3 16.6 5.00 3.26
4.65 YES
L0001667 0 0.59513E-02 652952.6 4220154.3 16.6 5.00 3.26
4.65 YES
L0001668 0 0.59513E-02 652945.6 4220154.3 16.6 5.00 3.26
4.65 YES
L0001669 0 0.59513E-02 652938.6 4220154.3 16.6 5.00 3.26
4.65 YES
L0001670 0 0.59513E-02 652931.6 4220154.2 16.6 5.00 3.26
4.65 YES
L0001671 0 0.59513E-02 652924.6 4220154.2 16.6 5.00 3.26
4.65 YES
L0001672 0 0.59513E-02 652917.6 4220154.2 16.6 5.00 3.26
4.65 YES
L0001673 0 0.59513E-02 652910.6 4220154.1 16.6 5.00 3.26

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001674	0	0.59513E-02	652903.6	4220154.1	16.6	5.00	3.26	4.65	YES	
L0001675	0	0.59513E-02	652896.6	4220154.1	16.6	5.00	3.26	4.65	YES	
L0001676	0	0.59513E-02	652889.6	4220154.0	16.6	5.00	3.26	4.65	YES	
L0001677	0	0.59513E-02	652882.6	4220154.0	16.6	5.00	3.26	4.65	YES	
L0001678	0	0.59513E-02	652875.6	4220154.0	16.6	5.00	3.26	4.65	YES	
L0001679	0	0.59513E-02	652868.6	4220154.0	16.6	5.00	3.26	4.65	YES	
L0001680	0	0.59513E-02	652861.6	4220154.0	16.6	5.00	3.26	4.65	YES	
L0001681	0	0.59513E-02	652854.6	4220153.9	16.7	5.00	3.26	4.65	YES	
L0001682	0	0.59513E-02	652847.6	4220153.9	16.8	5.00	3.26	4.65	YES	
L0001683	0	0.59513E-02	652840.6	4220153.9	16.9	5.00	3.26	4.65	YES	
L0001684	0	0.59513E-02	652833.6	4220153.9	17.1	5.00	3.26	4.65	YES	
L0001685	0	0.59513E-02	652826.6	4220153.8	17.2	5.00	3.26	4.65	YES	
L0001686	0	0.59513E-02	652819.6	4220153.8	17.4	5.00	3.26	4.65	YES	
L0001687	0	0.59513E-02	652812.6	4220153.8	17.6	5.00	3.26	4.65	YES	
L0001688	0	0.59513E-02	652805.6	4220153.8	17.8	5.00	3.26			

4.65	YES							
L0001689		0	0.59513E-02	652798.6	4220153.7	18.0	5.00	3.26
4.65	YES							
L0001690		0	0.59513E-02	652791.6	4220153.7	18.1	5.00	3.26
4.65	YES							
L0001691		0	0.59513E-02	652784.6	4220153.7	18.3	5.00	3.26
4.65	YES							
L0001692		0	0.59513E-02	652777.7	4220154.7	18.4	5.00	3.26
4.65	YES							
L0001693		0	0.59513E-02	652771.9	4220158.3	18.6	5.00	3.26
4.65	YES							
L0001694		0	0.59513E-02	652768.2	4220164.0	18.7	5.00	3.26
4.65	YES							
L0001695		0	0.59513E-02	652767.1	4220170.9	18.7	5.00	3.26
4.65	YES							
L0001696		0	0.59513E-02	652766.4	4220177.9	18.7	5.00	3.26
4.65	YES							
L0001697		0	0.59513E-02	652766.5	4220184.9	18.7	5.00	3.26
4.65	YES							
L0001698		0	0.59513E-02	652766.7	4220191.9	18.7	5.00	3.26
4.65	YES							
L0001699		0	0.59513E-02	652766.9	4220198.9	18.7	5.00	3.26
4.65	YES							
L0001700		0	0.59513E-02	652767.0	4220205.9	18.8	5.00	3.26
4.65	YES							
L0001701		0	0.59513E-02	652767.2	4220212.9	18.8	5.00	3.26
4.65	YES							
L0001702		0	0.59513E-02	652767.4	4220219.9	18.8	5.00	3.26
4.65	YES							
L0001703		0	0.59513E-02	652767.5	4220226.9	18.8	5.00	3.26
4.65	YES							
L0001704		0	0.59513E-02	652767.7	4220233.8	18.8	5.00	3.26
4.65	YES							
L0001705		0	0.59513E-02	652767.9	4220240.8	18.8	5.00	3.26
4.65	YES							
L0001706		0	0.59513E-02	652768.1	4220247.8	18.9	5.00	3.26
4.65	YES							
L0001707		0	0.59513E-02	652768.2	4220254.8	18.9	5.00	3.26
4.65	YES							
L0001708		0	0.59513E-02	652768.4	4220261.8	18.9	5.00	3.26
4.65	YES							
L0001709		0	0.59513E-02	652768.6	4220268.8	18.9	5.00	3.26
4.65	YES							
L0001710		0	0.59513E-02	652768.7	4220275.8	18.8	5.00	3.26
4.65	YES							
L0001711		0	0.59513E-02	652768.9	4220282.8	18.7	5.00	3.26
4.65	YES							
L0001712		0	0.59513E-02	652769.1	4220289.8	18.6	5.00	3.26
4.65	YES							
L0001713		0	0.59513E-02	652769.3	4220296.8	18.5	5.00	3.26

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0001714	0	0.59513E-02	652769.5	4220303.8	18.3	5.00	3.26	4.65	YES	
L0001715	0	0.59513E-02	652769.8	4220310.8	17.7	5.00	3.26	4.65	YES	
L0001716	0	0.59513E-02	652770.0	4220317.8	17.5	5.00	3.26	4.65	YES	
L0001717	0	0.59513E-02	652770.2	4220324.8	17.4	5.00	3.26	4.65	YES	
L0001718	0	0.59513E-02	652770.5	4220331.8	17.5	5.00	3.26	4.65	YES	
L0001719	0	0.59513E-02	652770.7	4220338.8	17.5	5.00	3.26	4.65	YES	
L0001720	0	0.59513E-02	652771.0	4220345.8	17.5	5.00	3.26	4.65	YES	
L0001721	0	0.59513E-02	652771.2	4220352.8	17.5	5.00	3.26	4.65	YES	
L0001722	0	0.59513E-02	652771.4	4220359.8	17.4	5.00	3.26	4.65	YES	
L0001723	0	0.59513E-02	652771.7	4220366.8	17.4	5.00	3.26	4.65	YES	
L0001724	0	0.59513E-02	652771.9	4220373.8	17.4	5.00	3.26	4.65	YES	
L0001725	0	0.59513E-02	652772.1	4220380.8	17.4	5.00	3.26	4.65	YES	
L0001726	0	0.59513E-02	652772.3	4220387.8	17.4	5.00	3.26	4.65	YES	
L0001727	0	0.59513E-02	652772.5	4220394.8	17.4	5.00	3.26	4.65	YES	
L0001728	0	0.59513E-02	652772.8	4220401.8	17.4	5.00	3.26			

4.65 YES
L0001729 0 0.59513E-02 652773.0 4220408.8 17.4 5.00 3.26
4.65 YES
L0001730 0 0.59513E-02 652773.2 4220415.8 17.4 5.00 3.26
4.65 YES
L0001731 0 0.59513E-02 652773.4 4220422.8 17.4 5.00 3.26
4.65 YES
L0001732 0 0.59513E-02 652773.6 4220429.8 17.4 5.00 3.26
4.65 YES
L0001733 0 0.59513E-02 652773.8 4220436.8 17.4 5.00 3.26
4.65 YES
L0001734 0 0.59513E-02 652773.9 4220443.8 17.4 5.00 3.26
4.65 YES
L0001735 0 0.59513E-02 652774.0 4220450.8 17.4 5.00 3.26
4.65 YES
L0001736 0 0.59513E-02 652773.8 4220457.8 17.4 5.00 3.26
4.65 YES
L0001737 0 0.59513E-02 652773.7 4220464.8 17.4 5.00 3.26
4.65 YES
L0001738 0 0.59513E-02 652773.6 4220471.8 17.4 5.00 3.26
4.65 YES
L0001739 0 0.59513E-02 652773.4 4220478.8 17.4 5.00 3.26
4.65 YES
L0001740 0 0.59513E-02 652773.3 4220485.8 17.4 5.00 3.26
4.65 YES
L0001741 0 0.59513E-02 652773.2 4220492.7 17.4 5.00 3.26
4.65 YES
L0001742 0 0.59513E-02 652773.0 4220499.7 17.4 5.00 3.26
4.65 YES
L0001743 0 0.59513E-02 652772.9 4220506.7 17.4 5.00 3.26
4.65 YES
L0001744 0 0.59513E-02 652772.8 4220513.7 17.4 5.00 3.26
4.65 YES
L0001745 0 0.59513E-02 652772.6 4220520.7 17.4 5.00 3.26
4.65 YES
L0001746 0 0.59513E-02 652772.5 4220527.7 17.4 5.00 3.26
4.65 YES
L0001747 0 0.59513E-02 652772.4 4220534.7 17.4 5.00 3.26
4.65 YES
L0001748 0 0.59513E-02 652772.2 4220541.7 17.4 5.00 3.26
4.65 YES
L0001749 0 0.59513E-02 652772.1 4220548.7 17.4 5.00 3.26
4.65 YES
L0001750 0 0.59513E-02 652772.0 4220555.7 17.4 5.00 3.26
4.65 YES
L0001751 0 0.59513E-02 652771.9 4220562.7 17.4 5.00 3.26
4.65 YES
L0001752 0 0.59513E-02 652771.7 4220569.7 17.4 5.00 3.26
4.65 YES
L0001753 0 0.59513E-02 652771.6 4220576.7 17.4 5.00 3.26

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE BY	URBAN EMISSION RATE SCALAR VARY
DELIVERY	0	0.12249E-03	653010.9	4220084.8	16.6	5.00	9	0.00	YES	
M_IDLE	0	0.13268E-02	652927.3	4220051.2	16.6	5.00	4	0.00	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
OFFSITE	L0001754 , L0001755 , L0001756 , L0001757 , L0001758 , L0001759 , L0001760 , L0001761 ,
	L0001762 , L0001763 , L0001764 , L0001765 , L0001766 , L0001767 , L0001768 , L0001769 ,
	L0001770 , L0001771 , L0001772 , L0001773 , L0001774 , L0001775 , L0001776 , L0001777 ,
	L0001778 , L0001779 , L0001780 , L0001781 , L0001782 ,

L0001783   , L0001784   , L0001785   ,

             L0001586   , L0001587   , L0001588   , L0001589   , L0001590   ,
L0001591   , L0001592   , L0001593   ,

             L0001594   , L0001595   , L0001596   , L0001597   , L0001598   ,
L0001599   , L0001600   , L0001601   ,

             L0001602   , L0001603   , L0001604   , L0001605   , L0001606   ,
L0001607   , L0001608   , L0001609   ,

             L0001610   , L0001611   , L0001612   , L0001613   , L0001614   ,
L0001615   , L0001616   , L0001617   ,

             L0001618   , L0001619   , L0001620   , L0001621   , L0001622   ,
L0001623   , L0001624   , L0001625   ,

             L0001626   , L0001627   , L0001660   , L0001661   , L0001662   ,
L0001663   , L0001664   , L0001665   ,

             L0001666   , L0001667   , L0001668   , L0001669   , L0001670   ,
L0001671   , L0001672   , L0001673   ,

             L0001674   , L0001675   , L0001676   , L0001677   , L0001678   ,
L0001679   , L0001680   , L0001681   ,

             L0001682   , L0001683   , L0001684   , L0001685   , L0001686   ,
L0001687   , L0001688   , L0001689   ,

             L0001690   , L0001691   , L0001692   , L0001693   , L0001694   ,
L0001695   , L0001696   , L0001697   ,

             L0001698   , L0001699   , L0001700   , L0001701   , L0001702   ,
L0001703   , L0001704   , L0001705   ,

             L0001706   , L0001707   , L0001708   , L0001709   , L0001710   ,
L0001711   , L0001712   , L0001713   ,

             L0001714   , L0001715   , L0001716   , L0001717   , L0001718   ,
L0001719   , L0001720   , L0001721   ,

             L0001722   , L0001723   , L0001724   , L0001725   , L0001726   ,
L0001727   , L0001728   , L0001729   ,

             L0001730   , L0001731   , L0001732   , L0001733   , L0001734   ,
L0001735   , L0001736   , L0001737   ,

             L0001738   , L0001739   , L0001740   , L0001741   , L0001742   ,
L0001743   , L0001744   , L0001745   ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001746 , L0001747 , L0001748 , L0001749 , L0001750 , L0001751 , L0001752 , L0001753 ,
M_ONSITE	L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 ,
	L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 ,
	L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 ,
	L0001810 , L0001811 , L0001812 , L0001813 , L0001814 , L0001815 , L0001816 , L0001817 ,
C_ON_IDL	DELIVERY ,
GEN	GEN ,
M_IDLE	M_IDLE ,
ALL	L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 ,
	L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 ,
	L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 ,
	L0001810 , L0001811 , L0001812 , L0001813 , L0001814 , L0001815 , L0001816 , L0001817 ,
	L0001754 , L0001755 , L0001756 , L0001757 , L0001758 , L0001759 , L0001760 , L0001761 ,

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             L0001762    , L0001763    , L0001764    , L0001765    , L0001766    ,
L0001767    , L0001768    , L0001769    ,

             L0001770    , L0001771    , L0001772    , L0001773    , L0001774    ,
L0001775    , L0001776    , L0001777    ,

             L0001778    , L0001779    , L0001780    , L0001781    , L0001782    ,
L0001783    , L0001784    , L0001785    ,

             L0001586    , L0001587    , L0001588    , L0001589    , L0001590    ,
L0001591    , L0001592    , L0001593    ,

             L0001594    , L0001595    , L0001596    , L0001597    , L0001598    ,
L0001599    , L0001600    , L0001601    ,

             L0001602    , L0001603    , L0001604    , L0001605    , L0001606    ,
L0001607    , L0001608    , L0001609    ,

             L0001610    , L0001611    , L0001612    , L0001613    , L0001614    ,
L0001615    , L0001616    , L0001617    ,
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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```
             L0001618    , L0001619    , L0001620    , L0001621    , L0001622    ,
L0001623    , L0001624    , L0001625    ,

             L0001626    , L0001627    , GEN         , DELIVERY    , L0001660    ,
L0001661    , L0001662    , L0001663    ,

             L0001664    , L0001665    , L0001666    , L0001667    , L0001668    ,
L0001669    , L0001670    , L0001671    ,

             L0001672    , L0001673    , L0001674    , L0001675    , L0001676    ,
L0001677    , L0001678    , L0001679    ,

             L0001680    , L0001681    , L0001682    , L0001683    , L0001684    ,
L0001685    , L0001686    , L0001687    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs
	67679.	L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 ,
		L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 ,
		L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 ,

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            L0001810    , L0001811    , L0001812    , L0001813    , L0001814    ,
L0001815    , L0001816    , L0001817    ,

            L0001754    , L0001755    , L0001756    , L0001757    , L0001758    ,
L0001759    , L0001760    , L0001761    ,

            L0001762    , L0001763    , L0001764    , L0001765    , L0001766    ,
L0001767    , L0001768    , L0001769    ,

            L0001770    , L0001771    , L0001772    , L0001773    , L0001774    ,
L0001775    , L0001776    , L0001777    ,

            L0001778    , L0001779    , L0001780    , L0001781    , L0001782    ,
L0001783    , L0001784    , L0001785    ,

            L0001586    , L0001587    , L0001588    , L0001589    , L0001590    ,
L0001591    , L0001592    , L0001593    ,

            L0001594    , L0001595    , L0001596    , L0001597    , L0001598    ,
L0001599    , L0001600    , L0001601    ,

            L0001602    , L0001603    , L0001604    , L0001605    , L0001606    ,
L0001607    , L0001608    , L0001609    ,

            L0001610    , L0001611    , L0001612    , L0001613    , L0001614    ,
L0001615    , L0001616    , L0001617    ,

            L0001618    , L0001619    , L0001620    , L0001621    , L0001622    ,
L0001623    , L0001624    , L0001625    ,

            L0001626    , L0001627    , GEN         , DELIVERY    , L0001660    ,
L0001661    , L0001662    , L0001663    ,

            L0001664    , L0001665    , L0001666    , L0001667    , L0001668    ,
L0001669    , L0001670    , L0001671    ,

            L0001672    , L0001673    , L0001674    , L0001675    , L0001676    ,
L0001677    , L0001678    , L0001679    ,

            L0001680    , L0001681    , L0001682    , L0001683    , L0001684    ,
L0001685    , L0001686    , L0001687    ,

            L0001688    , L0001689    , L0001690    , L0001691    , L0001692    ,
L0001693    , L0001694    , L0001695    ,

            L0001696    , L0001697    , L0001698    , L0001699    , L0001700    ,
L0001701    , L0001702    , L0001703    ,

            L0001704    , L0001705    , L0001706    , L0001707    , L0001708    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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             L0001712   , L0001713   , L0001714   , L0001715   , L0001716   ,
L0001717   , L0001718   , L0001719   ,

             L0001720   , L0001721   , L0001722   , L0001723   , L0001724   ,
L0001725   , L0001726   , L0001727   ,

             L0001728   , L0001729   , L0001730   , L0001731   , L0001732   ,
L0001733   , L0001734   , L0001735   ,

             L0001736   , L0001737   , L0001738   , L0001739   , L0001740   ,
L0001741   , L0001742   , L0001743   ,

             L0001744   , L0001745   , L0001746   , L0001747   , L0001748   ,
L0001749   , L0001750   , L0001751   ,

             L0001752   , L0001753   , M_IDLE   ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS
***

 SOURCE ID: GEN
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
  YADJ
    1   9.1,   36.1,   20.8, -21.8,   13.5,   2   9.1,   37.1,   25.4, -26.1,
  10.9,

```
    3    9.1,   37.2,   29.8,  -30.2,    8.1,      4    9.1,   36.2,   33.2,  -33.3,
   5.1,
    5    9.1,   34.1,   35.7,  -35.4,    1.9,      6    9.1,   30.9,   37.1,  -36.4,
  -1.3,
    7    9.1,   26.8,   37.3,  -36.3,   -4.5,      8    9.1,   21.9,   36.4,  -35.2,
  -7.5,
    9    9.1,   17.7,   34.7,  -33.2,   -9.7,     10    9.1,   20.8,   36.1,  -31.6,
 -11.4,
   11    9.1,   25.4,   37.1,  -29.4,  -13.4,     12    9.1,   29.8,   37.2,  -26.7,
 -15.3,
   13    9.1,   33.2,   36.2,  -23.2,  -16.7,     14    9.1,   35.7,   34.1,  -19.0,
 -17.5,
   15    9.1,   37.1,   30.9,  -14.2,  -17.9,     16    9.1,   37.3,   26.8,   -9.0,
 -17.7,
   17    9.1,   36.4,   21.9,   -3.5,  -17.0,     18    9.1,   34.7,   17.7,    0.8,
 -15.8,
   19    9.1,   36.1,   20.8,    1.0,  -13.5,     20    9.1,   37.1,   25.4,    0.7,
 -10.9,
   21    9.1,   37.2,   29.8,    0.4,   -8.1,     22    9.1,   36.2,   33.2,    0.0,
  -5.1,
   23    9.1,   34.1,   35.7,   -0.3,   -1.9,     24    9.1,   30.9,   37.1,   -0.6,
   1.3,
   25    9.1,   26.8,   37.3,   -1.0,    4.5,     26    9.1,   21.9,   36.4,   -1.2,
   7.5,
   27    9.1,   17.7,   34.7,   -1.5,    9.7,     28    9.1,   20.8,   36.1,   -4.6,
  11.4,
   29    9.1,   25.4,   37.1,   -7.6,   13.4,     30    9.1,   29.8,   37.2,  -10.5,
  15.3,
   31    9.1,   33.2,   36.2,  -13.0,   16.7,     32    9.1,   35.7,   34.1,  -15.1,
  17.5,
   33    9.1,   37.1,   30.9,  -16.7,   17.9,     34    9.1,   37.3,   26.8,  -17.9,
  17.7,
   35    9.1,   36.4,   21.9,  -18.5,   17.0,     36    9.1,   34.7,   17.7,  -18.5,
  15.8,

 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(652764.0, 4219991.3, 17.7, 17.7, 0.0); (652784.0, 4219991.3, 17.9, 17.9, 0.0);
(652804.0, 4219991.3, 17.8, 17.8, 0.0); (652824.0, 4219991.3, 17.6, 17.6, 0.0);
(652844.0, 4219991.3, 17.3, 17.3, 0.0); (652764.0, 4220011.3, 17.9, 17.9, 0.0);
(652784.0, 4220011.3, 18.0, 18.0, 0.0); (652804.0, 4220011.3, 17.8, 17.8, 0.0);
(652824.0, 4220011.3, 17.5, 17.5, 0.0); (652844.0, 4220011.3, 17.2, 17.2, 0.0);
(652764.0, 4220031.3, 18.2, 18.2, 0.0); (652784.0, 4220031.3, 18.0, 18.0, 0.0);
(652804.0, 4220031.3, 17.8, 17.8, 0.0); (652824.0, 4220031.3, 17.4, 17.4, 0.0);
(652844.0, 4220031.3, 17.1, 17.1, 0.0); (652764.0, 4220051.3, 18.4, 18.4, 0.0);
(652784.0, 4220051.3, 18.1, 18.1, 0.0); (652804.0, 4220051.3, 17.7, 17.7, 0.0);
(652824.0, 4220051.3, 17.4, 17.4, 0.0); (652844.0, 4220051.3, 17.0, 17.0, 0.0);
(652764.0, 4220071.3, 18.5, 18.5, 0.0); (652784.0, 4220071.3, 18.1, 18.1, 0.0);
(652804.0, 4220071.3, 17.7, 17.7, 0.0); (652824.0, 4220071.3, 17.3, 17.3, 0.0);
(652764.0, 4220091.3, 18.5, 18.5, 0.0); (652784.0, 4220091.3, 18.1, 18.1, 0.0);
(652804.0, 4220091.3, 17.7, 17.7, 0.0); (652824.0, 4220091.3, 17.2, 17.2, 0.0);
(652844.0, 4220091.3, 16.8, 16.8, 0.0); (652764.0, 4220111.3, 18.6, 18.6, 0.0);
(652784.0, 4220111.3, 18.1, 18.1, 0.0); (652804.0, 4220111.3, 17.7, 17.7, 0.0);
(652824.0, 4220111.3, 17.2, 17.2, 0.0); (652844.0, 4220111.3, 16.7, 16.7, 0.0);
(652784.0, 4220131.3, 18.2, 18.2, 0.0); (652804.0, 4220131.3, 17.7, 17.7, 0.0);
(652824.0, 4220131.3, 17.2, 17.2, 0.0); (653217.5, 4220029.0, 16.6, 16.6, 0.0);

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     ( 653237.5, 4220029.0,      16.6,      16.6,       0.0);         ( 653257.5,
4220029.0,      16.7,      16.7,       0.0);
     ( 653277.5, 4220029.0,      16.8,      16.8,       0.0);         ( 653297.5,
4220029.0,      16.9,      16.9,       0.0);
     ( 653217.5, 4220049.0,      16.6,      16.6,       0.0);         ( 653237.5,
4220049.0,      16.6,      16.6,       0.0);
     ( 653257.5, 4220049.0,      16.7,      16.7,       0.0);         ( 653277.5,
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     ( 653297.5, 4220049.0,      16.8,      16.8,       0.0);         ( 653217.5,
4220069.0,      16.6,      16.6,       0.0);
     ( 653237.5, 4220069.0,      16.6,      16.6,       0.0);         ( 653257.5,
4220069.0,      16.7,      16.7,       0.0);
     ( 653277.5, 4220069.0,      16.8,      16.8,       0.0);         ( 653297.5,
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     ( 653091.8, 4220073.8,      16.6,      16.6,       0.0);         ( 653107.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653127.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653147.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653167.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653187.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653207.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653226.4,
4220070.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220070.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220070.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220070.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220070.5,      16.9,      16.9,       0.0);
     ( 653092.2, 4220089.4,      16.6,      16.6,       0.0);         ( 653107.4,
4220089.7,      16.6,      16.6,       0.0);
     ( 653127.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653147.4,
4220089.7,      16.6,      16.6,       0.0);
     ( 653167.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653187.4,
4220089.7,      16.6,      16.6,       0.0);
     ( 653207.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653226.4,
4220090.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220090.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220090.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220090.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220090.5,      16.9,      16.9,       0.0);
     ( 653092.2, 4220109.4,      16.6,      16.6,       0.0);         ( 653107.4,
4220109.7,      16.6,      16.6,       0.0);
     ( 653127.4, 4220109.7,      16.6,      16.6,       0.0);         ( 653147.4,
4220109.7,      16.6,      16.6,       0.0);
     ( 653167.4, 4220109.7,      16.6,      16.6,       0.0);         ( 653187.4,
4220109.7,      16.6,      16.6,       0.0);
     ( 653207.4, 4220109.7,      16.6,      16.6,       0.0);         ( 653226.4,
4220110.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220110.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220110.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220110.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220110.5,      16.9,      16.9,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653128.1, 4220123.8, 16.6, 16.6, 0.0); (653148.1, 4220123.8, 16.6, 16.6, 0.0);
(653168.1, 4220123.8, 16.6, 16.6, 0.0); (653188.1, 4220123.8, 16.6, 16.6, 0.0);
(653208.1, 4220123.8, 16.6, 16.6, 0.0); (653227.1, 4220124.6, 16.6, 16.6, 0.0);
(653247.1, 4220124.6, 16.6, 16.6, 0.0); (653267.1, 4220124.6, 16.7, 16.7, 0.0);
(653287.1, 4220124.6, 16.8, 16.8, 0.0); (653307.1, 4220124.6, 16.9, 16.9, 0.0);
(652875.3, 4219709.7, 16.5, 16.5, 0.0); (652895.3, 4219709.7, 16.5, 16.5, 0.0);
(652915.3, 4219709.7, 16.6, 16.6, 0.0); (652935.3, 4219709.7, 16.7, 16.7, 0.0);
(652955.3, 4219709.7, 16.6, 16.6, 0.0); (652975.3, 4219709.7, 16.7, 16.7, 0.0);
(652995.3, 4219709.7, 16.7, 16.7, 0.0); (653015.3, 4219709.7, 16.7, 16.7, 0.0);
(652875.3, 4219729.7, 16.6, 16.6, 0.0); (652895.3, 4219729.7, 16.7, 16.7, 0.0);
(652915.3, 4219729.7, 16.7, 16.7, 0.0); (652935.3, 4219729.7, 16.7, 16.7, 0.0);
(652955.3, 4219729.7, 16.7, 16.7, 0.0); (652975.3, 4219729.7, 16.7, 16.7, 0.0);
(652995.3, 4219729.7, 16.7, 16.7, 0.0); (653015.3, 4219729.7, 16.6, 16.6, 0.0);
(652875.3, 4219749.7, 16.7, 16.7, 0.0); (652895.3, 4219749.7, 16.8, 16.8, 0.0);
(652915.3, 4219749.7, 16.8, 16.8, 0.0); (652935.3, 4219749.7, 16.8, 16.8, 0.0);
(652955.3, 4219749.7, 16.8, 16.8, 0.0); (652975.3, 4219749.7, 16.8, 16.8, 0.0);
(652995.3, 4219749.7, 16.7, 16.7, 0.0); (653015.3, 4219749.7, 16.7, 16.7, 0.0);
(652875.3, 4219769.7, 16.8, 16.8, 0.0); (652895.3, 4219769.7, 16.8, 16.8, 0.0);

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     ( 652915.3, 4219769.7,      16.9,      16.9,       0.0);         ( 652935.3,
4219769.7,      16.9,      16.9,       0.0);
     ( 652955.3, 4219769.7,      16.9,      16.9,       0.0);         ( 652975.3,
4219769.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219769.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219769.7,      16.6,      16.6,       0.0);
     ( 652875.3, 4219789.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219789.7,      16.9,      16.9,       0.0);
     ( 652915.3, 4219789.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219789.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219789.7,      16.9,      16.9,       0.0);         ( 652975.3,
4219789.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219789.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219789.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219809.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219809.7,      16.9,      16.9,       0.0);
     ( 652915.3, 4219809.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219809.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219809.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219809.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219809.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219809.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219829.7,      16.9,      16.9,       0.0);         ( 652895.3,
4219829.7,      17.0,      17.0,       0.0);
     ( 652915.3, 4219829.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219829.7,      17.1,      17.1,       0.0);
     ( 652955.3, 4219829.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219829.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219829.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219829.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219849.7,      16.9,      16.9,       0.0);         ( 652895.3,
4219849.7,      17.0,      17.0,       0.0);
     ( 652915.3, 4219849.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219849.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219849.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219849.7,      16.8,      16.8,       0.0);
     ( 652995.3, 4219849.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219849.7,      16.7,      16.7,       0.0);
     ( 653396.9, 4219710.6,      16.8,      16.8,       0.0);         ( 653416.9,
4219710.6,      16.8,      16.8,       0.0);
     ( 653436.9, 4219710.6,      16.8,      16.8,       0.0);         ( 653456.9,
4219710.6,      16.9,      16.9,       0.0);
     ( 653476.9, 4219710.6,      16.9,      16.9,       0.0);         ( 653496.9,
4219710.6,      16.9,      16.9,       0.0);
     ( 653516.9, 4219710.6,      16.9,      16.9,       0.0);         ( 653396.9,
4219730.6,      16.8,      16.8,       0.0);
     ( 653416.9, 4219730.6,      16.8,      16.8,       0.0);         ( 653436.9,
4219730.6,      16.8,      16.8,       0.0);
     ( 653456.9, 4219730.6,      16.9,      16.9,       0.0);         ( 653476.9,
4219730.6,      16.9,      16.9,       0.0);
```

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

(653436.9, 4219750.6, 16.9, 16.9, 0.0); (653456.9, 4219750.6, 16.9, 16.9, 0.0);
(653476.9, 4219750.6, 16.9, 16.9, 0.0); (653496.9, 4219750.6, 16.9, 16.9, 0.0);
(653516.9, 4219750.6, 16.9, 16.9, 0.0); (653396.9, 4219770.6, 16.8, 16.8, 0.0);
(653416.9, 4219770.6, 16.8, 16.8, 0.0); (653436.9, 4219770.6, 16.9, 16.9, 0.0);
(653456.9, 4219770.6, 16.9, 16.9, 0.0); (653476.9, 4219770.6, 16.9, 16.9, 0.0);
(653496.9, 4219770.6, 16.9, 16.9, 0.0); (653516.9, 4219770.6, 16.9, 16.9, 0.0);
(653476.9, 4219790.6, 16.9, 16.9, 0.0); (653496.9, 4219790.6, 16.9, 16.9, 0.0);
(653516.9, 4219790.6, 17.0, 17.0, 0.0); (653476.9, 4219810.6, 16.9, 16.9, 0.0);
(653496.9, 4219810.6, 16.9, 16.9, 0.0); (653516.9, 4219810.6, 17.0, 17.0, 0.0);
(653476.9, 4219830.6, 16.9, 16.9, 0.0); (653496.9, 4219830.6, 17.0, 17.0, 0.0);
(653516.9, 4219830.6, 17.0, 17.0, 0.0); (653476.9, 4219850.6, 17.0, 17.0, 0.0);
(653496.9, 4219850.6, 17.0, 17.0, 0.0); (653516.9, 4219850.6, 17.0, 17.0, 0.0);
(653476.9, 4219870.6, 17.0, 17.0, 0.0); (653496.9, 4219870.6, 17.0, 17.0, 0.0);
(653516.9, 4219870.6, 17.0, 17.0, 0.0); (653476.9, 4219890.6, 17.0, 17.0, 0.0);
(653496.9, 4219890.6, 17.0, 17.0, 0.0); (653516.9, 4219890.6, 17.0, 17.0, 0.0);
(652096.6, 4220162.5, 15.3, 15.3, 0.0); (652116.6, 4220162.5, 15.3, 15.3, 0.0);
(652136.6, 4220162.5, 15.4, 15.4, 0.0); (652156.6, 4220162.5, 15.4, 15.4, 0.0);

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     ( 652176.6, 4220162.5,      15.4,      15.4,       0.0);         ( 652196.6,
4220162.5,      15.5,      15.5,       0.0);
     ( 652216.6, 4220162.5,      15.5,      15.5,       0.0);         ( 652236.6,
4220162.5,      15.5,      15.5,       0.0);
     ( 652256.6, 4220162.5,      15.6,      15.6,       0.0);         ( 652276.6,
4220162.5,      15.6,      15.6,       0.0);
     ( 652296.6, 4220162.5,      15.6,      15.6,       0.0);         ( 652316.6,
4220162.5,      15.6,      15.6,       0.0);
     ( 652336.6, 4220162.5,      15.7,      15.7,       0.0);         ( 652356.6,
4220162.5,      15.7,      15.7,       0.0);
     ( 652376.6, 4220162.5,      15.7,      15.7,       0.0);         ( 652396.6,
4220162.5,      15.8,      15.8,       0.0);
     ( 652416.6, 4220162.5,      15.8,      15.8,       0.0);         ( 652436.6,
4220162.5,      15.9,      15.9,       0.0);
     ( 652456.6, 4220162.5,      15.9,      15.9,       0.0);         ( 652096.6,
4220182.5,      15.3,      15.3,       0.0);
     ( 652116.6, 4220182.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220182.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220182.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220182.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220182.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220182.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220182.5,      15.5,      15.5,       0.0);         ( 652256.6,
4220182.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220182.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220182.5,      15.6,      15.6,       0.0);
     ( 652316.6, 4220182.5,      15.6,      15.6,       0.0);         ( 652336.6,
4220182.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220182.5,      15.7,      15.7,       0.0);         ( 652376.6,
4220182.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220182.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220182.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220182.5,      15.8,      15.8,       0.0);         ( 652456.6,
4220182.5,      15.9,      15.9,       0.0);
     ( 652476.6, 4220182.5,      16.1,      16.1,       0.0);         ( 652096.6,
4220202.5,      15.3,      15.3,       0.0);
     ( 652116.6, 4220202.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220202.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220202.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220202.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220202.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220202.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220202.5,      15.5,      15.5,       0.0);         ( 652256.6,
4220202.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220202.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220202.5,      15.6,      15.6,       0.0);
     ( 652316.6, 4220202.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220202.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220202.5,      15.7,      15.7,       0.0);         ( 652376.6,
4220202.5,      15.8,      15.8,       0.0);
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(652396.6, 4220202.5, 15.8, 15.8, 0.0); (652416.6, 4220202.5, 15.8, 15.8, 0.0);
(652436.6, 4220202.5, 15.9, 15.9, 0.0); (652456.6, 4220202.5, 15.9, 15.9, 0.0);
(652476.6, 4220202.5, 16.1, 16.1, 0.0); (652096.6, 4220222.5, 15.3, 15.3, 0.0);

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

(652116.6, 4220222.5, 15.4, 15.4, 0.0); (652136.6, 4220222.5, 15.4, 15.4, 0.0);
(652156.6, 4220222.5, 15.4, 15.4, 0.0); (652176.6, 4220222.5, 15.5, 15.5, 0.0);
(652196.6, 4220222.5, 15.5, 15.5, 0.0); (652216.6, 4220222.5, 15.5, 15.5, 0.0);
(652236.6, 4220222.5, 15.5, 15.5, 0.0); (652256.6, 4220222.5, 15.6, 15.6, 0.0);
(652276.6, 4220222.5, 15.6, 15.6, 0.0); (652296.6, 4220222.5, 15.6, 15.6, 0.0);
(652316.6, 4220222.5, 15.7, 15.7, 0.0); (652336.6, 4220222.5, 15.7, 15.7, 0.0);
(652356.6, 4220222.5, 15.7, 15.7, 0.0); (652376.6, 4220222.5, 15.8, 15.8, 0.0);
(652396.6, 4220222.5, 15.8, 15.8, 0.0); (652416.6, 4220222.5, 15.8, 15.8, 0.0);
(652436.6, 4220222.5, 15.9, 15.9, 0.0); (652456.6, 4220222.5, 16.0, 16.0, 0.0);
(652476.6, 4220222.5, 16.2, 16.2, 0.0); (652096.6, 4220242.5, 15.4, 15.4, 0.0);
(652116.6, 4220242.5, 15.4, 15.4, 0.0); (652136.6, 4220242.5, 15.4, 15.4, 0.0);
(652156.6, 4220242.5, 15.4, 15.4, 0.0); (652176.6, 4220242.5, 15.5, 15.5, 0.0);
(652196.6, 4220242.5, 15.5, 15.5, 0.0); (652216.6, 4220242.5, 15.5, 15.5, 0.0);
(652236.6, 4220242.5, 15.6, 15.6, 0.0); (652256.6, 4220242.5, 15.6, 15.6, 0.0);
(652276.6, 4220242.5, 15.6, 15.6, 0.0); (652296.6, 4220242.5, 15.7, 15.7, 0.0);
(652316.6, 4220242.5, 15.7, 15.7, 0.0); (652336.6, 4220242.5, 15.7, 15.7, 0.0);

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     ( 652356.6, 4220242.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220242.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220242.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220242.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220242.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220242.5,      16.0,      16.0,       0.0);
     ( 652476.6, 4220242.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220262.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220262.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220262.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220262.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220262.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220262.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220262.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220262.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220262.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220262.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220262.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220262.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220262.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220262.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220262.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220262.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220262.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220262.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220262.5,      16.0,      16.0,       0.0);
     ( 652476.6, 4220262.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220282.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220282.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220282.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220282.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220282.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220282.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220282.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220282.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220282.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220282.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220282.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220282.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220282.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220282.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220282.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220282.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220282.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220282.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220282.5,      16.1,      16.1,       0.0);
     ( 652476.6, 4220282.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220302.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220302.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220302.5,      15.5,      15.5,       0.0);
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(652316.6, 4220302.5, 15.7, 15.7, 0.0); (652336.6, 4220302.5, 15.7, 15.7, 0.0);
(652356.6, 4220302.5, 15.8, 15.8, 0.0); (652376.6, 4220302.5, 15.8, 15.8, 0.0);
(652396.6, 4220302.5, 15.8, 15.8, 0.0); (652416.6, 4220302.5, 15.9, 15.9, 0.0);
(652436.6, 4220302.5, 15.9, 15.9, 0.0); (652456.6, 4220302.5, 16.1, 16.1, 0.0);
(652476.6, 4220302.5, 16.2, 16.2, 0.0); (652096.6, 4220322.5, 15.4, 15.4, 0.0);
(652116.6, 4220322.5, 15.4, 15.4, 0.0); (652136.6, 4220322.5, 15.5, 15.5, 0.0);
(652156.6, 4220322.5, 15.5, 15.5, 0.0); (652176.6, 4220322.5, 15.5, 15.5, 0.0);
(652196.6, 4220322.5, 15.6, 15.6, 0.0); (652216.6, 4220322.5, 15.6, 15.6, 0.0);
(652236.6, 4220322.5, 15.6, 15.6, 0.0); (652256.6, 4220322.5, 15.6, 15.6, 0.0);
(652276.6, 4220322.5, 15.7, 15.7, 0.0); (652296.6, 4220322.5, 15.7, 15.7, 0.0);
(652316.6, 4220322.5, 15.7, 15.7, 0.0); (652336.6, 4220322.5, 15.8, 15.8, 0.0);
(652356.6, 4220322.5, 15.8, 15.8, 0.0); (652376.6, 4220322.5, 15.8, 15.8, 0.0);
(652396.6, 4220322.5, 15.8, 15.8, 0.0); (652416.6, 4220322.5, 15.9, 15.9, 0.0);
(652436.6, 4220322.5, 16.0, 16.0, 0.0); (652456.6, 4220322.5, 16.1, 16.1, 0.0);
(652476.6, 4220322.5, 16.2, 16.2, 0.0); (652096.6, 4220342.5, 15.4, 15.4, 0.0);

```
     ( 652116.6, 4220342.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220342.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220342.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220342.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220342.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220342.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220342.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220342.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220342.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220342.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220342.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220342.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220342.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220342.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220342.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220342.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220342.5,      16.0,      16.0,       0.0);         ( 652456.6,
4220342.5,      16.1,      16.1,       0.0);
     ( 652476.6, 4220342.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220362.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220362.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220362.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220362.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220362.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220362.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220362.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220362.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220362.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220362.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220362.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220362.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220362.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220362.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220362.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220362.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220362.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220382.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220382.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220382.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220382.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220382.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220382.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220382.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220382.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220382.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220382.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220382.5,      15.7,      15.7,       0.0);
```

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

(652116.6, 4220402.5, 15.5, 15.5, 0.0); (652136.6, 4220402.5, 15.5, 15.5, 0.0);
(652156.6, 4220402.5, 15.5, 15.5, 0.0); (652176.6, 4220402.5, 15.6, 15.6, 0.0);
(652196.6, 4220402.5, 15.6, 15.6, 0.0); (652216.6, 4220402.5, 15.6, 15.6, 0.0);
(652236.6, 4220402.5, 15.6, 15.6, 0.0); (652256.6, 4220402.5, 15.7, 15.7, 0.0);
(652276.6, 4220402.5, 15.7, 15.7, 0.0); (652296.6, 4220402.5, 15.7, 15.7, 0.0);
(652316.6, 4220402.5, 15.8, 15.8, 0.0); (652336.6, 4220402.5, 15.8, 15.8, 0.0);
(652356.6, 4220402.5, 15.8, 15.8, 0.0); (652376.6, 4220402.5, 15.8, 15.8, 0.0);
(652396.6, 4220402.5, 15.9, 15.9, 0.0); (652416.6, 4220402.5, 16.0, 16.0, 0.0);
(652436.6, 4220402.5, 16.1, 16.1, 0.0); (652456.6, 4220402.5, 16.2, 16.2, 0.0);
(652476.6, 4220402.5, 16.3, 16.3, 0.0); (652096.6, 4220422.5, 15.5, 15.5, 0.0);
(652116.6, 4220422.5, 15.5, 15.5, 0.0); (652136.6, 4220422.5, 15.5, 15.5, 0.0);
(652156.6, 4220422.5, 15.6, 15.6, 0.0); (652176.6, 4220422.5, 15.6, 15.6, 0.0);
(652196.6, 4220422.5, 15.6, 15.6, 0.0); (652216.6, 4220422.5, 15.6, 15.6, 0.0);
(652236.6, 4220422.5, 15.7, 15.7, 0.0); (652256.6, 4220422.5, 15.7, 15.7, 0.0);

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     ( 652276.6, 4220422.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220422.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220422.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220422.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220422.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220422.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220422.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220422.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220442.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220442.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220442.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220442.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220442.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220442.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220442.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220442.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220442.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220442.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220442.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220442.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220442.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220442.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220442.5,      15.9,      15.9,       0.0);
     ( 652396.6, 4220442.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220442.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220442.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220442.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220442.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220462.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220462.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220462.5,      15.6,      15.6,       0.0);
     ( 652156.6, 4220462.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220462.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220462.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220462.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220462.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220462.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220462.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220462.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220462.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220462.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220462.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220462.5,      15.9,      15.9,       0.0);
     ( 652396.6, 4220462.5,      16.0,      16.0,       0.0);         ( 652416.6,
4220462.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220462.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220462.5,      16.2,      16.2,       0.0);
```

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

(652316.6, 4220482.5, 15.8, 15.8, 0.0); (652336.6, 4220482.5, 15.9, 15.9, 0.0);
(652356.6, 4220482.5, 15.9, 15.9, 0.0); (652376.6, 4220482.5, 15.9, 15.9, 0.0);
(652396.6, 4220482.5, 16.0, 16.0, 0.0); (652416.6, 4220482.5, 16.1, 16.1, 0.0);
(652436.6, 4220482.5, 16.1, 16.1, 0.0); (652456.6, 4220482.5, 16.2, 16.2, 0.0);
(652476.6, 4220482.5, 16.3, 16.3, 0.0); (652216.6, 4220502.5, 15.7, 15.7, 0.0);
(652236.6, 4220502.5, 15.7, 15.7, 0.0); (652256.6, 4220502.5, 15.7, 15.7, 0.0);
(652276.6, 4220502.5, 15.8, 15.8, 0.0); (652296.6, 4220502.5, 15.8, 15.8, 0.0);
(652316.6, 4220502.5, 15.8, 15.8, 0.0); (652336.6, 4220502.5, 15.9, 15.9, 0.0);
(652356.6, 4220502.5, 15.9, 15.9, 0.0); (652376.6, 4220502.5, 16.0, 16.0, 0.0);
(652396.6, 4220502.5, 16.0, 16.0, 0.0); (652416.6, 4220502.5, 16.1, 16.1, 0.0);
(652436.6, 4220502.5, 16.2, 16.2, 0.0); (652456.6, 4220502.5, 16.2, 16.2, 0.0);
(652476.6, 4220502.5, 16.4, 16.4, 0.0); (652396.6, 4220522.5, 16.1, 16.1, 0.0);
(652416.6, 4220522.5, 16.2, 16.2, 0.0); (652436.6, 4220522.5, 16.2, 16.2, 0.0);

(652456.6, 4220522.5, 16.3, 16.3, 0.0); (652476.6, 4220522.5, 16.4, 16.4, 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
```

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: METDAT~1\LODIMA~1.SFC
                Met Version: 21112
   Profile file: METDAT~1\LODIMA~1.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   23237   Upper air station no.:   23230
                  Name: UNKNOWN   Name:
OAKLAND/WSO_AP
                  Year: 2018   Year: 2018

 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
- -
- - - - - - - - - - - - - - - - - - -
 18 01 01   1 01   -4.8 0.090 -9.000 -9.000 -999.   65.   13.7 0.04   0.91
1.00   1.42   14.   10.0 278.8   2.0
 18 01 01   1 02   -5.2 0.093 -9.000 -9.000 -999.   68.   14.2 0.04   0.91
1.00   1.47   7.   10.0 279.2   2.0
 18 01 01   1 03   -2.7 0.069 -9.000 -9.000 -999.   43.   11.2 0.03   0.91
1.00   1.04   44.   10.0 278.8   2.0
 18 01 01   1 04   -2.1 0.065 -9.000 -9.000 -999.   40.   11.8 0.03   0.91
1.00   0.86   79.   10.0 278.1   2.0
 18 01 01   1 05   -5.8 0.100 -9.000 -9.000 -999.   76.   15.6 0.05   0.91
1.00   1.48 186.   10.0 277.5   2.0
 18 01 01   1 06   -1.8 0.063 -9.000 -9.000 -999.   38.   12.8 0.04   0.91
1.00   0.74 221.   10.0 276.4   2.0
 18 01 01   1 07   -2.3 0.067 -9.000 -9.000 -999.   41.   11.9 0.04   0.91
1.00   0.89 116.   10.0 275.9   2.0
 18 01 01   1 08   -2.0 0.065 -9.000 -9.000 -999.   40.   12.5 0.04   0.91
0.73   0.79 144.   10.0 274.9   2.0
 18 01 01   1 09   -1.1 0.052 -9.000 -9.000 -999.   29.   12.4 0.04   0.91
0.39   0.80 107.   10.0 277.5   2.0
 18 01 01   1 10   43.4 0.095 0.542 0.006 133.   70.   -1.8 0.03   0.91
0.27   0.86   66.   10.0 283.1   2.0
 18 01 01   1 11   78.0 0.102 0.984 0.015 445.   78.   -1.2 0.03   0.91
0.23   0.91   58.   10.0 286.4   2.0
 18 01 01   1 12   97.1 0.128 1.130 0.017 542. 110.   -2.0 0.03   0.91
0.22   1.21 317.   10.0 288.1   2.0
 18 01 01   1 13   99.8 0.180 1.195 0.018 623. 183.   -5.3 0.18   0.91
0.21   1.21 273.   10.0 289.2   2.0
 18 01 01   1 14   86.4 0.206 1.182 0.019 696. 225.   -9.2 0.18   0.91
0.22   1.52 277.   10.0 290.9   2.0
 18 01 01   1 15   57.0 0.162 1.042 0.019 723. 157.   -6.8 0.03   0.91
0.26   1.82 307.   10.0 291.4   2.0

```
 18 01 01   1 16   14.4  0.269  0.661  0.019  726.  334.   -122.2  0.18   0.91
0.35    2.55  299.   10.0  290.9    2.0
 18 01 01   1 17  -15.6  0.177 -9.000 -9.000 -999.  183.     34.6  0.03   0.91
0.60    2.74  306.   10.0  287.5    2.0
 18 01 01   1 18  -11.1  0.138 -9.000 -9.000 -999.  123.     21.5  0.03   0.91
1.00    2.18  307.   10.0  285.4    2.0
 18 01 01   1 19  -15.0  0.173 -9.000 -9.000 -999.  173.     33.0  0.20   0.91
1.00    1.81  252.   10.0  283.8    2.0
 18 01 01   1 20   -4.2  0.091 -9.000 -9.000 -999.   68.     16.4  0.20   0.91
1.00    0.96  266.   10.0  283.8    2.0
 18 01 01   1 21   -2.6  0.071 -9.000 -9.000 -999.   45.     12.1  0.04   0.91
1.00    0.97  168.   10.0  281.4    2.0
 18 01 01   1 22  -11.3  0.141 -9.000 -9.000 -999.  127.     22.5  0.04   0.91
1.00    2.08  169.   10.0  281.4    2.0
 18 01 01   1 23  -13.3  0.152 -9.000 -9.000 -999.  142.     25.4  0.04   0.91
1.00    2.30  114.   10.0  280.4    2.0
 18 01 01   1 24  -13.7  0.154 -9.000 -9.000 -999.  145.     26.1  0.04   0.91
1.00    2.33   97.   10.0  280.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01   10.0 1   14.    1.42   278.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                  L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                  L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
                  L0001775    , L0001776    , L0001777    , L0001778    , L0001779
, L0001780    , L0001781    ,  . . .      ,

                                                *** 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
652763.96	4219991.30	35.99080	652783.96	4219991.30	31.56118
652803.96	4219991.30	29.17807	652823.96	4219991.30	28.50419
652843.96	4219991.30	29.41904	652763.96	4220011.30	39.22863
652783.96	4220011.30	34.68053	652803.96	4220011.30	32.70029
652823.96	4220011.30	33.29089	652843.96	4220011.30	38.53286
652763.96	4220031.30	42.85543	652783.96	4220031.30	38.21538
652803.96	4220031.30	36.82672	652823.96	4220031.30	39.12853
652843.96	4220031.30	49.55296	652763.96	4220051.30	47.16440
652783.96	4220051.30	42.24547	652803.96	4220051.30	41.46056
652823.96	4220051.30	44.94221	652843.96	4220051.30	56.28389
652763.96	4220071.30	52.11564	652783.96	4220071.30	46.97711
652803.96	4220071.30	46.82753	652823.96	4220071.30	50.89674
652763.96	4220091.30	57.89802	652783.96	4220091.30	52.92946
652803.96	4220091.30	53.95780	652823.96	4220091.30	58.59157
652843.96	4220091.30	70.03404	652763.96	4220111.30	65.38646
652783.96	4220111.30	62.15489	652803.96	4220111.30	66.06889
652823.96	4220111.30	71.35311	652843.96	4220111.30	81.72149
652783.96	4220131.30	86.25424	652803.96	4220131.30	95.49617
652823.96	4220131.30	100.03877	653217.50	4220029.01	6.26047
653237.50	4220029.01	5.76699	653257.50	4220029.01	5.33305
653277.50	4220029.01	4.94951	653297.50	4220029.01	4.60886
653217.50	4220049.01	6.31409	653237.50	4220049.01	5.80630
653257.50	4220049.01	5.36351	653277.50	4220049.01	4.97371

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         653297.50    4220049.01        4.62864                      653217.50
4220069.01        6.34098
         653237.50    4220069.01        5.82588                      653257.50
4220069.01        5.37877
         653277.50    4220069.01        4.98606                      653297.50
4220069.01        4.63872
         653091.77    4220073.80       12.68324                      653107.01
4220074.09       11.45100
         653127.01    4220074.09       10.09476                      653147.01
4220074.09        8.98425
         653167.01    4220074.09        8.06604                      653187.01
4220074.09        7.29736
         653207.01    4220074.09        6.64657                      653226.41
4220070.49        6.10301
         653246.41    4220070.49        5.61987                      653266.41
4220070.49        5.19820
         653286.41    4220070.49        4.82657                      653306.41
4220070.49        4.49712
         653092.17    4220089.40       12.87017                      653107.41
4220089.69       11.54303
         653127.41    4220089.69       10.12557                      653147.41
4220089.69        8.98841
         653167.41    4220089.69        8.05937                      653187.41
4220089.69        7.28691
         653207.41    4220089.69        6.63540                      653226.41
4220090.49        6.10399
         653246.41    4220090.49        5.61999                      653266.41
4220090.49        5.19777
         653286.41    4220090.49        4.82626                      653306.41
4220090.49        4.49681
         653092.17    4220109.40       12.94841                      653107.41
4220109.69       11.55604
         653127.41    4220109.69       10.10736                      653147.41
4220109.69        8.96192
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

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

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                  L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                  L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
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L0001775 , L0001776 , L0001777 , L0001778 , L0001779
, L0001780 , L0001781 , . . . ,

*** 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
653167.41	4220109.69	8.03277	653187.41	4220109.69	7.26280
653207.41	4220109.69	6.61405	653226.41	4220110.49	6.08472
653246.41	4220110.49	5.60294	653266.41	4220110.49	5.18311
653286.41	4220110.49	4.81329	653306.41	4220110.49	4.48530
653092.88	4220123.48	12.79940	653108.12	4220123.76	11.42219
653128.12	4220123.76	9.99699	653148.12	4220123.76	8.87141
653168.12	4220123.76	7.95803	653188.12	4220123.76	7.20037
653208.12	4220123.76	6.56127	653227.12	4220124.56	6.03844
653247.12	4220124.56	5.56274	653267.12	4220124.56	5.14829
653287.12	4220124.56	4.78253	653307.12	4220124.56	4.45793
652875.28	4219709.68	5.89408	652895.28	4219709.68	5.83625
652915.28	4219709.68	5.77249	652935.28	4219709.68	5.69916
652955.28	4219709.68	5.61156	652975.28	4219709.68	5.50895
652995.28	4219709.68	5.38813	653015.28	4219709.68	5.25061
652875.28	4219729.68	6.46788	652895.28	4219729.68	6.37725
652915.28	4219729.68	6.28313	652935.28	4219729.68	6.17974
652955.28	4219729.68	6.06310	652975.28	4219729.68	5.92980
652995.28	4219729.68	5.77753	653015.28	4219729.68	5.60866
652875.28	4219749.68	7.11125	652895.28		

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4219749.68        6.97817
         652915.28    4219749.68        6.84691                      652935.28
4219749.68        6.70936
         652955.28    4219749.68        6.55811                      652975.28
4219749.68        6.38840
         652995.28    4219749.68        6.19921                      653015.28
4219749.68        5.99547
         652875.28    4219769.68        7.82766                      652895.28
4219769.68        7.64396
         652915.28    4219769.68        7.46961                      652935.28
4219769.68        7.29196
         652955.28    4219769.68        7.09960                      652975.28
4219769.68        6.88806
         652995.28    4219769.68        6.65756                      653015.28
4219769.68        6.41323
         652875.28    4219789.68        8.61787                      652895.28
4219789.68        8.37852
         652915.28    4219789.68        8.15812                      652935.28
4219789.68        7.93508
         652955.28    4219789.68        7.69540                      652975.28
4219789.68        7.43501
         652995.28    4219789.68        7.15676                      653015.28
4219789.68        6.86856
         652875.28    4219809.68        9.49183                      652895.28
4219809.68        9.19410
         652915.28    4219809.68        8.92369                      652935.28
4219809.68        8.64914
         652955.28    4219809.68        8.35446                      652975.28
4219809.68        8.03631
         652995.28    4219809.68        7.70340                      653015.28
4219809.68        7.36706
         652875.28    4219829.68       10.46284                      652895.28
4219829.68       10.10539
         652915.28    4219829.68        9.78152                      652935.28
4219829.68        9.44852
         652955.28    4219829.68        9.08760                      652975.28
4219829.68        8.70203
         652995.28    4219829.68        8.30781                      653015.28
4219829.68        7.91670
         652875.28    4219849.68       11.54917                      652895.28
4219849.68       11.13366
         652915.28    4219849.68       10.75266                      652935.28
4219849.68       10.34905
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0001754 , L0001755 , L0001756 , L0001757 , L0001758 , L0001759 , L0001760 , L0001761 , L0001762 , L0001763 , L0001764 , L0001765 , L0001766 , L0001767 , L0001768 , L0001769 , L0001770 , L0001771 , L0001772 , L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 , L0001779 , L0001780 , L0001781 , . . . ,

*** 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
652955.28	4219849.68	9.91015	652975.28	4219849.68	9.44526
652995.28	4219849.68	8.97934	653015.28	4219849.68	8.52596
653396.88	4219710.60	2.59644	653416.88	4219710.60	2.50349
653436.88	4219710.60	2.41420	653456.88	4219710.60	2.32841
653476.88	4219710.60	2.24598	653496.88	4219710.60	2.16683
653516.88	4219710.60	2.09079	653396.88	4219730.60	2.66906
653416.88	4219730.60	2.56933	653436.88	4219730.60	2.47377
653456.88	4219730.60	2.38222	653476.88	4219730.60	2.29453
653496.88	4219730.60	2.21053	653516.88	4219730.60	2.13013
653396.88	4219750.60	2.74077	653416.88	4219750.60	2.63396
653436.88	4219750.60	2.53190	653456.88	4219750.60	2.43441
653476.88	4219750.60	2.34131	653496.88	4219750.60	2.25245
653516.88	4219750.60	2.16766	653396.88	4219770.60	2.81106
653416.88	4219770.60	2.69684	653436.88	4219770.60	2.58812

653456.88 4219770.60 2.48457 653476.88
4219770.60 2.38605
653496.88 4219770.60 2.29234 653516.88
4219770.60 2.20322
653476.88 4219790.60 2.42847 653496.88
4219790.60 2.32998
653516.88 4219790.60 2.23664 653476.88
4219810.60 2.46830
653496.88 4219810.60 2.36516 653516.88
4219810.60 2.26777
653476.88 4219830.60 2.50534 653496.88
4219830.60 2.39777
653516.88 4219830.60 2.29653 653476.88
4219850.60 2.53941
653496.88 4219850.60 2.42768 653516.88
4219850.60 2.32283
653476.88 4219870.60 2.57040 653496.88
4219870.60 2.45480
653516.88 4219870.60 2.34667 653476.88
4219890.60 2.59821
653496.88 4219890.60 2.47916 653516.88
4219890.60 2.36807
652096.56 4220162.55 1.85243 652116.56
4220162.55 1.94097
652136.56 4220162.55 2.03652 652156.56
4220162.55 2.13984
652176.56 4220162.55 2.25181 652196.56
4220162.55 2.37342
652216.56 4220162.55 2.50579 652236.56
4220162.55 2.65024
652256.56 4220162.55 2.80824 652276.56
4220162.55 2.98151
652296.56 4220162.55 3.17203 652316.56
4220162.55 3.38210
652336.56 4220162.55 3.61439 652356.56
4220162.55 3.87198
652376.56 4220162.55 4.15853 652396.56
4220162.55 4.47891
652416.56 4220162.55 4.83737 652436.56
4220162.55 5.23979
652456.56 4220162.55 5.69602 652096.56
4220182.55 1.86971
652116.56 4220182.55 1.95925 652136.56
4220182.55 2.05585
652156.56 4220182.55 2.16027 652176.56
4220182.55 2.27347
652196.56 4220182.55 2.39626 652216.56
4220182.55 2.52972
652236.56 4220182.55 2.67521 652256.56
4220182.55 2.83433

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0001754 , L0001755 , L0001756 , L0001757 , L0001758 ,
L0001759 , L0001760 , L0001761 , L0001762 , L0001763 , L0001764 , L0001765 , L0001766 ,
L0001767 , L0001768 , L0001769 , L0001770 , L0001771 , L0001772 , L0001773 , L0001774 ,
L0001775 , L0001776 , L0001777 , L0001778 , L0001779 , L0001780 , L0001781 , . . . ,

*** 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
652316.56	4220182.55	3.41079	652336.56	4220182.55	3.64341
652356.56	4220182.55	3.90115	652376.56	4220182.55	4.18730
652396.56	4220182.55	4.50565	652416.56	4220182.55	4.86164
652436.56	4220182.55	5.25997	652456.56	4220182.55	5.71140
652476.56	4220182.55	6.22739	652096.56	4220202.55	1.88491
652116.56	4220202.55	1.97515	652136.56	4220202.55	2.07263
652156.56	4220202.55	2.17778	652176.56	4220202.55	2.29179
652196.56	4220202.55	2.41536	652216.56	4220202.55	2.54968
652236.56	4220202.55	2.69599	652256.56	4220202.55	2.85570
652276.56	4220202.55	3.03043	652296.56		

4220202.55 3.22205
652316.56 4220202.55 3.43269 652336.56
4220202.55 3.66480
652356.56 4220202.55 3.92127 652376.56
4220202.55 4.20567
652396.56 4220202.55 4.52143 652416.56
4220202.55 4.87342
652436.56 4220202.55 5.26716 652456.56
4220202.55 5.71165
652476.56 4220202.55 6.21874 652096.56
4220222.55 1.89805
652116.56 4220222.55 1.98888 652136.56
4220222.55 2.08685
652156.56 4220222.55 2.19262 652176.56
4220222.55 2.30714
652196.56 4220222.55 2.43105 652216.56
4220222.55 2.56571
652236.56 4220222.55 2.71224 652256.56
4220222.55 2.87200
652276.56 4220222.55 3.04657 652296.56
4220222.55 3.23790
652316.56 4220222.55 3.44772 652336.56
4220222.55 3.67855
652356.56 4220222.55 3.93315 652376.56
4220222.55 4.21469
652396.56 4220222.55 4.52693 652416.56
4220222.55 4.87465
652436.56 4220222.55 5.26214 652456.56
4220222.55 5.70052
652476.56 4220222.55 6.19898 652096.56
4220242.55 1.90926
652116.56 4220242.55 2.00048 652136.56
4220242.55 2.09880
652156.56 4220242.55 2.20488 652176.56
4220242.55 2.31953
652196.56 4220242.55 2.44367 652216.56
4220242.55 2.57834
652236.56 4220242.55 2.72470 652256.56
4220242.55 2.88409
652276.56 4220242.55 3.05801 652296.56
4220242.55 3.24820
652316.56 4220242.55 3.45662 652336.56
4220242.55 3.68556
652356.56 4220242.55 3.93787 652376.56
4220242.55 4.21618
652396.56 4220242.55 4.52428 652416.56
4220242.55 4.86645
652436.56 4220242.55 5.24704 652456.56
4220242.55 5.67863
652476.56 4220242.55 6.16579 652096.56

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4220262.55        1.91844
         652116.56    4220262.55        2.00986                       652136.56
4220262.55        2.10832
         652156.56    4220262.55        2.21437                       652176.56
4220262.55        2.32907
         652196.56    4220262.55        2.45304                       652216.56
4220262.55        2.58737
         652236.56    4220262.55        2.73320                       652256.56
4220262.55        2.89181
         652276.56    4220262.55        3.06466                       652296.56
4220262.55        3.25340
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                  L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                  L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
                  L0001775    , L0001776    , L0001777    , L0001778    , L0001779
, L0001780    , L0001781    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         652316.56    4220262.55        3.45994                       652336.56
4220262.55        3.68645
         652356.56    4220262.55        3.93548                       652376.56
4220262.55        4.20994
         652396.56    4220262.55        4.51330                       652416.56
4220262.55        4.84964
         652436.56    4220262.55        5.22429                       652456.56
4220262.55        5.64692
         652476.56    4220262.55        6.12316                       652096.56
4220282.55        1.92575
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652116.56 4220282.55 2.01720 652136.56
4220282.55 2.11553
652156.56 4220282.55 2.22143 652176.56
4220282.55 2.33585
652196.56 4220282.55 2.45939 652216.56
4220282.55 2.59311
652236.56 4220282.55 2.73809 652256.56
4220282.55 2.89558
652276.56 4220282.55 3.06698 652296.56
4220282.55 3.25388
652316.56 4220282.55 3.45811 652336.56
4220282.55 3.68177
652356.56 4220282.55 3.92728 652376.56
4220282.55 4.19746
652396.56 4220282.55 4.49561 652416.56
4220282.55 4.82567
652436.56 4220282.55 5.19349 652456.56
4220282.55 5.60782
652476.56 4220282.55 6.07357 652096.56
4220302.55 1.93101
652116.56 4220302.55 2.02239 652136.56
4220302.55 2.12058
652156.56 4220302.55 2.22613 652176.56
4220302.55 2.34007
652196.56 4220302.55 2.46295 652216.56
4220302.55 2.59580
652236.56 4220302.55 2.73954 652256.56
4220302.55 2.89547
652276.56 4220302.55 3.06508 652296.56
4220302.55 3.24978
652316.56 4220302.55 3.45131 652336.56
4220302.55 3.67169
652356.56 4220302.55 3.91324 652376.56
4220302.55 4.17864
652396.56 4220302.55 4.47164 652416.56
4220302.55 4.79426
652436.56 4220302.55 5.15493 652456.56
4220302.55 5.55858
652476.56 4220302.55 6.01087 652096.56
4220322.55 1.93446
652116.56 4220322.55 2.02555 652136.56
4220322.55 2.12324
652156.56 4220322.55 2.22834 652176.56
4220322.55 2.34158
652196.56 4220322.55 2.46357 652216.56
4220322.55 2.59520
652236.56 4220322.55 2.73768 652256.56
4220322.55 2.89205
652276.56 4220322.55 3.05960 652296.56
4220322.55 3.24181

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         652316.56    4220322.55        3.44033                      652336.56
4220322.55        3.65708
         652356.56    4220322.55        3.89428                      652376.56
4220322.55        4.15449
         652396.56    4220322.55        4.44071                      652416.56
4220322.55        4.75714
         652436.56    4220322.55        5.11004                      652456.56
4220322.55        5.50193
         652476.56    4220322.55        5.94082                      652096.56
4220342.55        1.93605
         652116.56    4220342.55        2.02661                      652136.56
4220342.55        2.12389
         652156.56    4220342.55        2.22828                      652176.56
4220342.55        2.34054
         652196.56    4220342.55        2.46133                      652216.56
4220342.55        2.59172
         652236.56    4220342.55        2.73258                      652256.56
4220342.55        2.88499
         652276.56    4220342.55        3.05004                      652296.56
4220342.55        3.22939
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                  L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                  L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
                  L0001775    , L0001776    , L0001777    , L0001778    , L0001779
, L0001780    , L0001781    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         652316.56    4220342.55        3.42451                      652336.56
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4220342.55 3.63721
652356.56 4220342.55 3.86979 652376.56
4220342.55 4.12427
652396.56 4220342.55 4.40366 652416.56
4220342.55 4.71224
652436.56 4220342.55 5.05571 652456.56
4220342.55 5.43591
652476.56 4220342.55 5.86062 652096.56
4220362.55 1.93579
652116.56 4220362.55 2.02582 652136.56
4220362.55 2.12229
652156.56 4220362.55 2.22578 652176.56
4220362.55 2.33705
652196.56 4220362.55 2.45655 652216.56
4220362.55 2.58527
652236.56 4220362.55 2.72426 652256.56
4220362.55 2.87431
652276.56 4220362.55 3.03683 652296.56
4220362.55 3.21303
652316.56 4220362.55 3.40440 652336.56
4220362.55 3.61263
652356.56 4220362.55 3.83970 652376.56
4220362.55 4.08786
652396.56 4220362.55 4.35975 652416.56
4220362.55 4.66029
652436.56 4220362.55 4.99245 652456.56
4220362.55 5.36060
652476.56 4220362.55 5.76996 652096.56
4220382.55 1.93384
652116.56 4220382.55 2.02305 652136.56
4220382.55 2.11853
652156.56 4220382.55 2.22094 652176.56
4220382.55 2.33092
652196.56 4220382.55 2.44890 652216.56
4220382.55 2.57594
652236.56 4220382.55 2.71269 652256.56
4220382.55 2.86035
652276.56 4220382.55 3.01992 652296.56
4220382.55 3.19262
652316.56 4220382.55 3.37967 652336.56
4220382.55 3.58319
652356.56 4220382.55 3.80447 652376.56
4220382.55 4.04578
652396.56 4220382.55 4.30929 652416.56
4220382.55 4.60042
652436.56 4220382.55 4.92136 652456.56
4220382.55 5.27543
652476.56 4220382.55 5.66755 652096.56
4220402.55 1.92991
652116.56 4220402.55 2.01828 652136.56

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4220402.55        2.11269
         652156.56    4220402.55        2.21383                       652176.56
4220402.55        2.32233
         652196.56    4220402.55        2.43857                       652216.56
4220402.55        2.56345
         652236.56    4220402.55        2.69779                       652256.56
4220402.55        2.84263
         652276.56    4220402.55        2.99888                       652296.56
4220402.55        3.16753
         652316.56    4220402.55        3.35016                       652336.56
4220402.55        3.54809
         652356.56    4220402.55        3.76301                       652376.56
4220402.55        3.99682
         652396.56    4220402.55        4.25201                       652416.56
4220402.55        4.53299
         652436.56    4220402.55        4.84131                       652456.56
4220402.55        5.18044
         652476.56    4220402.55        5.55526                       652096.56
4220422.55        1.92422
         652116.56    4220422.55        2.01143                       652136.56
4220422.55        2.10458
         652156.56    4220422.55        2.20425                       652176.56
4220422.55        2.31104
         652196.56    4220422.55        2.42528                       652216.56
4220422.55        2.54795
         652236.56    4220422.55        2.67959                       652256.56
4220422.55        2.82128
         652276.56    4220422.55        2.97371                       652296.56
4220422.55        3.13836
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                  L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                  L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
                  L0001775    , L0001776    , L0001777    , L0001778    , L0001779
, L0001780    , L0001781    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	3.31581	652336.56	4220422.55	3.50768
652356.56	4220422.55	3.71570	652376.56	4220422.55	3.94121
652396.56	4220422.55	4.18742	652416.56	4220422.55	4.45755
652436.56	4220422.55	4.75198	652456.56	4220422.55	5.07580
652476.56	4220422.55	5.43121	652096.56	4220442.55	1.91669
652116.56	4220442.55	2.00258	652136.56	4220442.55	2.09435
652156.56	4220442.55	2.19234	652176.56	4220442.55	2.29718
652196.56	4220442.55	2.40918	652216.56	4220442.55	2.52914
652236.56	4220442.55	2.65775	652256.56	4220442.55	2.79592
652276.56	4220442.55	2.94441	652296.56	4220442.55	3.10401
652316.56	4220442.55	3.27610	652336.56	4220442.55	3.46157
652356.56	4220442.55	3.66234	652376.56	4220442.55	3.87902
652396.56	4220442.55	4.11587	652416.56	4220442.55	4.37303
652436.56	4220442.55	4.65410	652456.56	4220442.55	4.96180
652476.56	4220442.55	5.30003	652096.56	4220462.55	1.90730
652116.56	4220462.55	1.99184	652136.56	4220462.55	2.08189
652156.56	4220462.55	2.17791	652176.56	4220462.55	2.28047
652196.56	4220462.55	2.39002	652216.56	4220462.55	2.50716
652236.56	4220462.55	2.63242	652256.56	4220462.55	2.76659
652276.56	4220462.55	2.91058	652296.56	4220462.55	3.06515
652316.56	4220462.55	3.23110	652336.56	4220462.55	3.40983

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         652356.56    4220462.55        3.60225                       652376.56
4220462.55        3.81015
         652396.56    4220462.55        4.03617                       652416.56
4220462.55        4.28162
         652436.56    4220462.55        4.54870                       652456.56
4220462.55        4.83974
         652476.56    4220462.55        5.15953                       652096.56
4220482.55        1.89601
         652116.56    4220482.55        1.97899                       652136.56
4220482.55        2.06719
         652156.56    4220482.55        2.16109                       652176.56
4220482.55        2.26129
         652196.56    4220482.55        2.36797                       652216.56
4220482.55        2.48179
         652236.56    4220482.55        2.60334                       652256.56
4220482.55        2.73337
         652276.56    4220482.55        2.87248                       652296.56
4220482.55        3.02143
         652316.56    4220482.55        3.18110                       652336.56
4220482.55        3.35246
         652356.56    4220482.55        3.53645                       652376.56
4220482.55        3.73470
         652396.56    4220482.55        3.94987                       652416.56
4220482.55        4.18223
         652436.56    4220482.55        4.43438                       652456.56
4220482.55        4.70990
         652476.56    4220482.55        5.01116                       652216.56
4220502.55        2.45323
         652236.56    4220502.55        2.57076                       652256.56
4220502.55        2.69607
         652276.56    4220502.55        2.82990                       652296.56
4220502.55        2.97283
         652316.56    4220502.55        3.12562                       652336.56
4220502.55        3.28931
         652356.56    4220502.55        3.46458                       652376.56
4220502.55        3.65351
         652396.56    4220502.55        3.85663                       652416.56
4220502.55        4.07601
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
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                 L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                 L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
                 L0001775    , L0001776    , L0001777    , L0001778    , L0001779
, L0001780    , L0001781    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652436.56    4220502.55        4.31349                       652456.56
4220502.55        4.57186
        652476.56    4220502.55        4.85467                       652396.56
4220522.55        3.75702
        652416.56    4220522.55        3.96331                       652436.56
4220522.55        4.18561
        652456.56    4220522.55        4.42688                       652476.56
4220522.55        4.68982
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       15:56:29

                                   PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_ONSITE ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                 L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                 L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                 L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652763.96	4219991.30	16.22701	652783.96	4219991.30	19.65029
652803.96	4219991.30	24.55250	652823.96	4219991.30	31.98964
652843.96	4219991.30	44.33608	652763.96	4220011.30	17.70380
652783.96	4220011.30	21.83169	652803.96	4220011.30	28.01998
652823.96	4220011.30	38.19792	652843.96	4220011.30	58.14366
652763.96	4220031.30	18.70222	652783.96	4220031.30	23.25327
652803.96	4220031.30	30.11818	652823.96	4220031.30	41.48243
652843.96	4220031.30	62.85417	652763.96	4220051.30	19.19646
652783.96	4220051.30	23.82132	652803.96	4220051.30	30.56071
652823.96	4220051.30	40.74111	652843.96	4220051.30	55.01698
652763.96	4220071.30	19.25926	652783.96	4220071.30	23.62618
652803.96	4220071.30	29.55211	652823.96	4220071.30	37.30325
652763.96	4220091.30	18.91395	652783.96	4220091.30	22.75803
652803.96	4220091.30	27.54017	652823.96	4220091.30	33.07991
652843.96	4220091.30	38.74082	652763.96	4220111.30	18.18905
652783.96	4220111.30	21.39358	652803.96	4220111.30	25.07868
652823.96	4220111.30	29.05097	652843.96	4220111.30	33.01018
652783.96	4220131.30	19.76526	652803.96	4220131.30	22.56760
652823.96	4220131.30	25.48848	653217.50	4220029.01	15.37770
653237.50	4220029.01	13.44051	653257.50	4220029.01	11.85839
653277.50	4220029.01	10.55114	653297.50	4220029.01	9.45788
653217.50	4220049.01	15.05337	653237.50	4220049.01	13.18107
653257.50	4220049.01	11.65373	653277.50	4220049.01	10.38711

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         653297.50    4220049.01        9.32561                       653217.50
4220069.01       14.45451
         653237.50    4220069.01       12.71337                       653257.50
4220069.01       11.28473
         653277.50    4220069.01       10.09217                       653297.50
4220069.01        9.08745
         653091.77    4220073.80       43.87854                       653107.01
4220074.09       36.56684
         653127.01    4220074.09       29.57578                       653147.01
4220074.09       24.46916
         653167.01    4220074.09       20.62280                       653187.01
4220074.09       17.64796
         653207.01    4220074.09       15.29855                       653226.41
4220070.49       13.58470
         653246.41    4220070.49       12.00502                       653266.41
4220070.49       10.69629
         653286.41    4220070.49        9.59890                       653306.41
4220070.49        8.66959
         653092.17    4220089.40       38.84782                       653107.41
4220089.69       32.75594
         653127.41    4220089.69       26.88001                       653147.41
4220089.69       22.51606
         653167.41    4220089.69       19.17546                       653187.41
4220089.69       16.55338
         653207.41    4220089.69       14.45559                       653226.41
4220090.49       12.78935
         653246.41    4220090.49       11.37587                       653266.41
4220090.49       10.19240
         653286.41    4220090.49        9.19087                       653306.41
4220090.49        8.33589
         653092.17    4220109.40       32.30432                       653107.41
4220109.69       27.74631
         653127.41    4220109.69       23.25545                       653147.41
4220109.69       19.82823
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_ONSITE ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                   L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                   L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
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L0001807 , L0001808 , L0001809 , L0001810 , L0001811
, L0001812 , L0001813 , . . . ,

*** 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
653167.41	4220109.69	17.14093	653187.41	4220109.69	14.98609
653207.41	4220109.69	13.22854	653226.41	4220110.49	11.79939
653246.41	4220110.49	10.57983	653266.41	4220110.49	9.54719
653286.41	4220110.49	8.66214	653306.41	4220110.49	7.89882
653092.88	4220123.48	27.61119	653108.12	4220123.76	24.11442
653128.12	4220123.76	20.57172	653148.12	4220123.76	17.79126
653168.12	4220123.76	15.56279	653188.12	4220123.76	13.74324
653208.12	4220123.76	12.23614	653227.12	4220124.56	10.98690
653247.12	4220124.56	9.91560	653267.12	4220124.56	8.99987
653287.12	4220124.56	8.20709	653307.12	4220124.56	7.51758
652875.28	4219709.68	6.30447	652895.28	4219709.68	6.56890
652915.28	4219709.68	6.83219	652935.28	4219709.68	7.09959
652955.28	4219709.68	7.37274	652975.28	4219709.68	7.64945
652995.28	4219709.68	7.91652	653015.28	4219709.68	8.15677
652875.28	4219729.68	6.94240	652895.28	4219729.68	7.26659
652915.28	4219729.68	7.58603	652935.28	4219729.68	7.90840
652955.28	4219729.68	8.23342	652975.28	4219729.68	8.55374
652995.28	4219729.68	8.85480	653015.28	4219729.68	9.11632
652875.28	4219749.68	7.68440	652895.28		

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4219749.68        8.08285
         652915.28    4219749.68        8.47816                      652935.28
4219749.68        8.87254
         652955.28    4219749.68        9.26153                      652975.28
4219749.68        9.63408
         652995.28    4219749.68        9.97304                      653015.28
4219749.68       10.25562
         652875.28    4219769.68        8.55315                      652895.28
4219769.68        9.05215
         652915.28    4219769.68        9.54768                      652935.28
4219769.68       10.03566
         652955.28    4219769.68       10.50484                      652975.28
4219769.68       10.93923
         652995.28    4219769.68       11.31966                      653015.28
4219769.68       11.62161
         652875.28    4219789.68        9.58412                      652895.28
4219789.68       10.21708
         652915.28    4219789.68       10.84660                      652935.28
4219789.68       11.45788
         652955.28    4219789.68       12.02828                      652975.28
4219789.68       12.53576
         652995.28    4219789.68       12.96068                      653015.28
4219789.68       13.27850
         652875.28    4219809.68       10.82227                      652895.28
4219809.68       11.63597
         652915.28    4219809.68       12.44787                      652935.28
4219809.68       13.22397
         652955.28    4219809.68       13.92308                      652975.28
4219809.68       14.51675
         652995.28    4219809.68       14.98785                      653015.28
4219809.68       15.31418
         652875.28    4219829.68       12.33007                      652895.28
4219829.68       13.39220
         652915.28    4219829.68       14.45703                      652935.28
4219829.68       15.45650
         652955.28    4219829.68       16.32094                      652975.28
4219829.68       17.01517
         652995.28    4219829.68       17.53124                      653015.28
4219829.68       17.85233
         652875.28    4219849.68       14.19745                      652895.28
4219849.68       15.60844
         652915.28    4219849.68       17.03101                      652935.28
4219849.68       18.33868
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_ONSITE ***

INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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
652955.28	4219849.68	19.41617	652975.28	4219849.68	20.22640
652995.28	4219849.68	20.78071	653015.28	4219849.68	21.06933
653396.88	4219710.60	4.59907	653416.88	4219710.60	4.38363
653436.88	4219710.60	4.17651	653456.88	4219710.60	3.97793
653476.88	4219710.60	3.78808	653496.88	4219710.60	3.60710
653516.88	4219710.60	3.43503	653396.88	4219730.60	4.78884
653416.88	4219730.60	4.54784	653436.88	4219730.60	4.31791
653456.88	4219730.60	4.09918	653476.88	4219730.60	3.89170
653496.88	4219730.60	3.69541	653516.88	4219730.60	3.51016
653396.88	4219750.60	4.97208	653416.88	4219750.60	4.70411
653436.88	4219750.60	4.45062	653456.88	4219750.60	4.21150
653476.88	4219750.60	3.98652	653496.88	4219750.60	3.77531
653516.88	4219750.60	3.57740	653396.88	4219770.60	5.14518
653416.88	4219770.60	4.84954	653436.88	4219770.60	4.57239

653456.88 4219770.60 4.31321 653476.88 4219770.60 4.07132
653496.88 4219770.60 3.84595 653516.88 4219770.60 3.63621
653476.88 4219790.60 4.14524 653496.88 4219790.60 3.90682
653516.88 4219790.60 3.68636 653476.88 4219810.60 4.20790
653496.88 4219810.60 3.95786 653516.88 4219810.60 3.72801
653476.88 4219830.60 4.25948 653496.88 4219830.60 3.99949
653516.88 4219830.60 3.76173 653476.88 4219850.60 4.30083
653496.88 4219850.60 4.03268 653516.88 4219850.60 3.78855
653476.88 4219870.60 4.33338 653496.88 4219870.60 4.05887
653516.88 4219870.60 3.80984 653476.88 4219890.60 4.35912
653496.88 4219890.60 4.07988 653516.88 4219890.60 3.82727
652096.56 4220162.55 1.43535 652116.56 4220162.55 1.49324
652136.56 4220162.55 1.55497 652156.56 4220162.55 1.62089
652176.56 4220162.55 1.69143 652196.56 4220162.55 1.76701
652216.56 4220162.55 1.84817 652236.56 4220162.55 1.93549
652256.56 4220162.55 2.02961 652276.56 4220162.55 2.13131
652296.56 4220162.55 2.24144 652316.56 4220162.55 2.36100
652336.56 4220162.55 2.49112 652356.56 4220162.55 2.63314
652376.56 4220162.55 2.78860 652396.56 4220162.55 2.95952
652416.56 4220162.55 3.14771 652436.56 4220162.55 3.35564
652456.56 4220162.55 3.58711 652096.56 4220182.55 1.43549
652116.56 4220182.55 1.49324 652136.56 4220182.55 1.55481
652156.56 4220182.55 1.62056 652176.56 4220182.55 1.69092
652196.56 4220182.55 1.76627 652216.56 4220182.55 1.84712
652236.56 4220182.55 1.93406 652256.56 4220182.55 2.02783

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_ONSITE ***
INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 ,
L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 ,
L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 ,
L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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
652316.56	4220182.55	2.35774	652336.56	4220182.55	2.48720
652356.56	4220182.55	2.62851	652376.56	4220182.55	2.78312
652396.56	4220182.55	2.95267	652416.56	4220182.55	3.13942
652436.56	4220182.55	3.34541	652456.56	4220182.55	3.57469
652476.56	4220182.55	3.83133	652096.56	4220202.55	1.43440
652116.56	4220202.55	1.49190	652136.56	4220202.55	1.55327
652156.56	4220202.55	1.61871	652176.56	4220202.55	1.68878
652196.56	4220202.55	1.76380	652216.56	4220202.55	1.84432
652236.56	4220202.55	1.93090	652256.56	4220202.55	2.02419
652276.56	4220202.55	2.12493	652296.56		

4220202.55 2.23395
652316.56 4220202.55 2.35221 652336.56
4220202.55 2.48081
652356.56 4220202.55 2.62101 652376.56
4220202.55 2.77437
652396.56 4220202.55 2.94239 652416.56
4220202.55 3.12713
652436.56 4220202.55 3.33085 652456.56
4220202.55 3.55690
652476.56 4220202.55 3.80932 652096.56
4220222.55 1.43226
652116.56 4220222.55 1.48950 652136.56
4220222.55 1.55054
652156.56 4220222.55 1.61570 652176.56
4220222.55 1.68541
652196.56 4220222.55 1.75999 652216.56
4220222.55 1.84006
652236.56 4220222.55 1.92614 652256.56
4220222.55 2.01886
652276.56 4220222.55 2.11894 652296.56
4220222.55 2.22726
652316.56 4220222.55 2.34463 652336.56
4220222.55 2.47217
652356.56 4220222.55 2.61111 652376.56
4220222.55 2.76282
652396.56 4220222.55 2.92893 652416.56
4220222.55 3.11136
652436.56 4220222.55 3.31190 652456.56
4220222.55 3.53439
652476.56 4220222.55 3.78178 652096.56
4220242.55 1.42929
652116.56 4220242.55 1.48624 652136.56
4220242.55 1.54696
652156.56 4220242.55 1.61176 652176.56
4220242.55 1.68104
652196.56 4220242.55 1.75522 652216.56
4220242.55 1.83479
652236.56 4220242.55 1.92030 652256.56
4220242.55 2.01237
652276.56 4220242.55 2.11171 652296.56
4220242.55 2.21908
652316.56 4220242.55 2.33541 652336.56
4220242.55 2.46169
652356.56 4220242.55 2.59918 652376.56
4220242.55 2.74902
652396.56 4220242.55 2.91276 652416.56
4220242.55 3.09211
652436.56 4220242.55 3.28872 652456.56
4220242.55 3.50666
652476.56 4220242.55 3.74719 652096.56

4220262.55 1.42561
  652116.56 4220262.55 1.48224 652136.56
4220262.55 1.54260
  652156.56 4220262.55 1.60698 652176.56
4220262.55 1.67587
  652196.56 4220262.55 1.74956 652216.56
4220262.55 1.82858
  652236.56 4220262.55 1.91346 652256.56
4220262.55 2.00480
  652276.56 4220262.55 2.10327 652296.56
4220262.55 2.20963

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_ONSITE ***
INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 ,
L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 ,
L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 ,
L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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
652316.56	4220262.55	2.32472	652336.56	4220262.55	2.44951
652356.56	4220262.55	2.58507	652376.56	4220262.55	2.73260
652396.56	4220262.55	2.89346	652416.56	4220262.55	3.06915
652436.56	4220262.55	3.26145	652456.56	4220262.55	3.47326
652476.56	4220262.55	3.70589	652096.56	4220282.55	1.42143

652116.56 4220282.55 1.47773 652136.56
4220282.55 1.53769
652156.56 4220282.55 1.60166 652176.56
4220282.55 1.67007
652196.56 4220282.55 1.74324 652216.56
4220282.55 1.82165
652236.56 4220282.55 1.90583 652256.56
4220282.55 1.99633
652276.56 4220282.55 2.09381 652296.56
4220282.55 2.19897
652316.56 4220282.55 2.31261 652336.56
4220282.55 2.43561
652356.56 4220282.55 2.56896 652376.56
4220282.55 2.71372
652396.56 4220282.55 2.87110 652416.56
4220282.55 3.04239
652436.56 4220282.55 3.22934 652456.56
4220282.55 3.43427
652476.56 4220282.55 3.65793 652096.56
4220302.55 1.41679
652116.56 4220302.55 1.47277 652136.56
4220302.55 1.53238
652156.56 4220302.55 1.59590 652176.56
4220302.55 1.66382
652196.56 4220302.55 1.73640 652216.56
4220302.55 1.81414
652236.56 4220302.55 1.89746 652256.56
4220302.55 1.98695
652276.56 4220302.55 2.08327 652296.56
4220302.55 2.18702
652316.56 4220302.55 2.29893 652336.56
4220302.55 2.41979
652356.56 4220302.55 2.55048 652376.56
4220302.55 2.69194
652396.56 4220302.55 2.84536 652416.56
4220302.55 3.01126
652436.56 4220302.55 3.19198 652456.56
4220302.55 3.38842
652476.56 4220302.55 3.60130 652096.56
4220322.55 1.41188
652116.56 4220322.55 1.46749 652136.56
4220322.55 1.52665
652156.56 4220322.55 1.58973 652176.56
4220322.55 1.65708
652196.56 4220322.55 1.72901 652216.56
4220322.55 1.80592
652236.56 4220322.55 1.88836 652256.56
4220322.55 1.97679
652276.56 4220322.55 2.07174 652296.56
4220322.55 2.17383

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         652316.56    4220322.55        2.28370                      652336.56
4220322.55        2.40204
         652356.56    4220322.55        2.52960                      652376.56
4220322.55        2.66718
         652396.56    4220322.55        2.81558                      652416.56
4220322.55        2.97587
         652436.56    4220322.55        3.14944                      652456.56
4220322.55        3.33627
         652476.56    4220322.55        3.53753                      652096.56
4220342.55        1.40674
         652116.56    4220342.55        1.46191                      652136.56
4220342.55        1.52068
         652156.56    4220342.55        1.58322                      652176.56
4220342.55        1.64990
         652196.56    4220342.55        1.72103                      652216.56
4220342.55        1.79709
         652236.56    4220342.55        1.87844                      652256.56
4220342.55        1.96555
         652276.56    4220342.55        2.05884                      652296.56
4220342.55        2.15896
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_ONSITE ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                  L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                  L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                  L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         652316.56    4220342.55        2.26641                      652336.56
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4220342.55 2.38178
652356.56 4220342.55 2.50576 652376.56
4220342.55 2.63884
652396.56 4220342.55 2.78172 652416.56
4220342.55 2.93530
652436.56 4220342.55 3.10062 652456.56
4220342.55 3.27724
652476.56 4220342.55 3.46605 652096.56
4220362.55 1.40138
652116.56 4220362.55 1.45614 652136.56
4220362.55 1.51435
652156.56 4220362.55 1.57628 652176.56
4220362.55 1.64227
652196.56 4220362.55 1.71253 652216.56
4220362.55 1.78748
652236.56 4220362.55 1.86756 652256.56
4220362.55 1.95307
652276.56 4220362.55 2.04453 652296.56
4220362.55 2.14235
652316.56 4220362.55 2.24699 652336.56
4220362.55 2.35894
652356.56 4220362.55 2.47867 652376.56
4220362.55 2.60666
652396.56 4220362.55 2.74335 652416.56
4220362.55 2.88968
652436.56 4220362.55 3.04570 652456.56
4220362.55 3.21156
652476.56 4220362.55 3.38723 652096.56
4220382.55 1.39585
652116.56 4220382.55 1.45009 652136.56
4220382.55 1.50766
652156.56 4220382.55 1.56888 652176.56
4220382.55 1.63401
652196.56 4220382.55 1.70324 652216.56
4220382.55 1.77701
652236.56 4220382.55 1.85554 652256.56
4220382.55 1.93929
652276.56 4220382.55 2.02857 652296.56
4220382.55 2.12374
652316.56 4220382.55 2.22511 652336.56
4220382.55 2.33324
652356.56 4220382.55 2.44830 652376.56
4220382.55 2.57065
652396.56 4220382.55 2.70049 652416.56
4220382.55 2.83878
652436.56 4220382.55 2.98521 652456.56
4220382.55 3.13947
652476.56 4220382.55 3.30136 652096.56
4220402.55 1.38999
652116.56 4220402.55 1.44367 652136.56

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4220402.55        1.50055
         652156.56    4220402.55        1.56093                        652176.56
4220402.55        1.62507
         652196.56    4220402.55        1.69311                        652216.56
4220402.55        1.76539
         652236.56    4220402.55        1.84219                        652256.56
4220402.55        1.92385
         652276.56    4220402.55        2.01062                        652296.56
4220402.55        2.10272
         652316.56    4220402.55        2.20055                        652336.56
4220402.55        2.30430
         652356.56    4220402.55        2.41419                        652376.56
4220402.55        2.53041
         652396.56    4220402.55        2.65314                        652416.56
4220402.55        2.78292
         652436.56    4220402.55        2.91915                        652456.56
4220402.55        3.06150
         652476.56    4220402.55        3.20965                        652096.56
4220422.55        1.38381
         652116.56    4220422.55        1.43677                        652136.56
4220422.55        1.49284
         652156.56    4220422.55        1.55225                        652176.56
4220422.55        1.61522
         652196.56    4220422.55        1.68187                        652216.56
4220422.55        1.75253
         652236.56    4220422.55        1.82735                        652256.56
4220422.55        1.90665
         652276.56    4220422.55        1.99054                        652296.56
4220422.55        2.07940
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_ONSITE ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                  L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                  L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                  L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	2.17319	652336.56	4220422.55	2.27217
652356.56	4220422.55	2.37650	652376.56	4220422.55	2.48612
652396.56	4220422.55	2.60136	652416.56	4220422.55	2.72228
652436.56	4220422.55	2.84793	652456.56	4220422.55	2.97835
652476.56	4220422.55	3.11248	652096.56	4220442.55	1.37717
652116.56	4220442.55	1.42931	652136.56	4220442.55	1.48446
652156.56	4220442.55	1.54275	652176.56	4220442.55	1.60438
652196.56	4220442.55	1.66944	652216.56	4220442.55	1.73818
652236.56	4220442.55	1.81076	652256.56	4220442.55	1.88741
652276.56	4220442.55	1.96823	652296.56	4220442.55	2.05330
652316.56	4220442.55	2.14283	652336.56	4220442.55	2.23676
652356.56	4220442.55	2.33527	652376.56	4220442.55	2.43800
652396.56	4220442.55	2.54555	652416.56	4220442.55	2.65702
652436.56	4220442.55	2.77233	652456.56	4220442.55	2.89085
652476.56	4220442.55	3.01188	652096.56	4220462.55	1.36996
652116.56	4220462.55	1.42121	652136.56	4220462.55	1.47525
652156.56	4220462.55	1.53221	652176.56	4220462.55	1.59229
652196.56	4220462.55	1.65559	652216.56	4220462.55	1.72225
652236.56	4220462.55	1.79235	652256.56	4220462.55	1.86605
652276.56	4220462.55	1.94347	652296.56	4220462.55	2.02463
652316.56	4220462.55	2.10951	652336.56	4220462.55	2.19818

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         652356.56    4220462.55        2.29045                        652376.56
4220462.55        2.38629
         652396.56    4220462.55        2.48575                        652416.56
4220462.55        2.58825
         652436.56    4220462.55        2.69328                        652456.56
4220462.55        2.80011
         652476.56    4220462.55        2.90826                        652096.56
4220482.55        1.36204
         652116.56    4220482.55        1.41227                        652136.56
4220482.55        1.46506
         652156.56    4220482.55        1.52057                        652176.56
4220482.55        1.57898
         652196.56    4220482.55        1.64025                        652216.56
4220482.55        1.70455
         652236.56    4220482.55        1.77194                        652256.56
4220482.55        1.84254
         652276.56    4220482.55        1.91632                        652296.56
4220482.55        1.99329
         652316.56    4220482.55        2.07341                        652336.56
4220482.55        2.15658
         652356.56    4220482.55        2.24260                        652376.56
4220482.55        2.33134
         652396.56    4220482.55        2.42284                        652416.56
4220482.55        2.51622
         652436.56    4220482.55        2.61109                        652456.56
4220482.55        2.70701
         652476.56    4220482.55        2.80291                        652216.56
4220502.55        1.68507
         652236.56    4220502.55        1.74956                        652256.56
4220502.55        1.81677
         652276.56    4220502.55        1.88672                        652296.56
4220502.55        1.95932
         652316.56    4220502.55        2.03448                        652336.56
4220502.55        2.11208
         652356.56    4220502.55        2.19184                        652376.56
4220502.55        2.27374
         652396.56    4220502.55        2.35717                        652416.56
4220502.55        2.44179
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        15:56:29

                                  PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_ONSITE ***
                                  INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
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                 L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                 L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                 L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         652436.56    4220502.55        2.52701                       652456.56
4220502.55        2.61221
         652476.56    4220502.55        2.69667                       652396.56
4220522.55        2.28930
         652416.56    4220522.55        2.36555                       652436.56
4220522.55        2.44153
         652456.56    4220522.55        2.51672                       652476.56
4220522.55        2.59028
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                        ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       15:56:29

                                  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                  INCLUDING SOURCE(S):     DELIVERY    ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         652763.96    4219991.30        7.12071                       652783.96
4219991.30        7.88603
         652803.96    4219991.30        8.79773                       652823.96
```

4219991.30 9.89343
652843.96 4219991.30 11.22551 652763.96
4220011.30 7.56569
652783.96 4220011.30 8.43056 652803.96
4220011.30 9.47103
652823.96 4220011.30 10.73630 652843.96
4220011.30 12.29654
652763.96 4220031.30 7.93686 652783.96
4220031.30 8.89010
652803.96 4220031.30 10.04400 652823.96
4220031.30 11.46089
652843.96 4220031.30 13.22846 652763.96
4220051.30 8.21559
652783.96 4220051.30 9.23572 652803.96
4220051.30 10.47563
652823.96 4220051.30 12.00839 652843.96
4220051.30 13.93337
652763.96 4220071.30 8.40183 652783.96
4220071.30 9.46320
652803.96 4220071.30 10.75652 652823.96
4220071.30 12.36083
652763.96 4220091.30 8.50702 652783.96
4220091.30 9.58625
652803.96 4220091.30 10.90292 652823.96
4220091.30 12.53458
652843.96 4220091.30 14.58219 652763.96
4220111.30 8.54377
652783.96 4220111.30 9.62424 652803.96
4220111.30 10.93791
652823.96 4220111.30 12.55881 652843.96
4220111.30 14.57719
652783.96 4220131.30 9.59368 652803.96
4220131.30 10.88111
652823.96 4220131.30 12.45617 653217.50
4220029.01 69.03844
653237.50 4220029.01 54.63953 653257.50
4220029.01 41.76464
653277.50 4220029.01 32.87957 653297.50
4220029.01 26.69951
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4220049.01 41.32722
653257.50 4220049.01 34.28069 653277.50
4220049.01 28.49223
653297.50 4220049.01 23.94620 653217.50
4220069.01 36.94608
653237.50 4220069.01 31.84431 653257.50
4220069.01 27.51671
653277.50 4220069.01 23.80150 653297.50
4220069.01 20.67367
653091.77 4220073.80 121.46933 653107.01

4220074.09   103.21518
         653127.01   4220074.09   83.10856   653147.01
4220074.09   67.17961
         653167.01   4220074.09   54.41806   653187.01
4220074.09   44.48326
         653207.01   4220074.09   37.44781   653226.41
4220070.49   33.90283
         653246.41   4220070.49   29.33372   653266.41
4220070.49   25.40227
         653286.41   4220070.49   22.05464   653306.41
4220070.49   19.23948
         653092.17   4220089.40   82.45786   653107.41
4220089.69   72.68087
         653127.41   4220089.69   60.73199   653147.41
4220089.69   50.53698
         653167.41   4220089.69   42.04872   653187.41
4220089.69   35.37691
         653207.41   4220089.69   30.41544   653226.41
4220090.49   26.52334
         653246.41   4220090.49   23.44680   653266.41
4220090.49   20.79673
         653286.41   4220090.49   18.48626   653306.41
4220090.49   16.48177
         653092.17   4220109.40   48.78486   653107.41
4220109.69   45.16554
         653127.41   4220109.69   40.14686   653147.41
4220109.69   35.04612

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                    INCLUDING SOURCE(S):   DELIVERY   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
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- -
         653167.41   4220109.69   30.41587   653187.41

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4220109.69       26.56783
         653207.41    4220109.69       23.49300                  653226.41
4220110.49       20.91747
         653246.41    4220110.49       18.84882                  653266.41
4220110.49       17.05089
         653286.41    4220110.49       15.44353                  653306.41
4220110.49       14.00912
         653092.88    4220123.48       35.36326                  653108.12
4220123.76       33.15405
         653128.12    4220123.76       30.23407                  653148.12
4220123.76       27.15876
         653168.12    4220123.76       24.23954                  653188.12
4220123.76       21.69630
         653208.12    4220123.76       19.55844                  653227.12
4220124.56       17.67266
         653247.12    4220124.56       16.13459                  653267.12
4220124.56       14.77862
         653287.12    4220124.56       13.54509                  653307.12
4220124.56       12.42282
         652875.28    4219709.68        4.18013                  652895.28
4219709.68        4.49552
         652915.28    4219709.68        4.81495                  652935.28
4219709.68        5.12638
         652955.28    4219709.68        5.42074                  652975.28
4219709.68        5.69669
         652995.28    4219709.68        5.95974                  653015.28
4219709.68        6.22503
         652875.28    4219729.68        4.43951                  652895.28
4219729.68        4.79881
         652915.28    4219729.68        5.16742                  652935.28
4219729.68        5.53384
         652955.28    4219729.68        5.88608                  652975.28
4219729.68        6.21883
         652995.28    4219729.68        6.53788                  653015.28
4219729.68        6.86025
         652875.28    4219749.68        4.72198                  652895.28
4219749.68        5.12916
         652915.28    4219749.68        5.55705                  652935.28
4219749.68        5.99013
         652955.28    4219749.68        6.41311                  652975.28
4219749.68        6.81681
         652995.28    4219749.68        7.20630                  653015.28
4219749.68        7.60155
         652875.28    4219769.68        5.03013                  652895.28
4219769.68        5.49305
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4219769.68        6.50315
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4219769.68        7.50695
         652995.28    4219769.68        7.98609                  653015.28
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4219769.68        8.47473
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4219789.68        5.89587
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4219789.68        7.08250
         652955.28    4219789.68        7.70135                      652975.28
4219789.68        8.30895
         652995.28    4219789.68        8.90401                      653015.28
4219789.68        9.51437
         652875.28    4219809.68        5.74988                      652895.28
4219809.68        6.34493
         652915.28    4219809.68        7.01378                      652935.28
4219809.68        7.73974
         652955.28    4219809.68        8.49407                      652975.28
4219809.68        9.24859
         652995.28    4219809.68        9.99579                      653015.28
4219809.68       10.76739
         652875.28    4219829.68        6.17745                      652895.28
4219829.68        6.84976
         652915.28    4219829.68        7.62459                      652935.28
4219829.68        8.48955
         652955.28    4219829.68        9.41403                      652975.28
4219829.68       10.35968
         652995.28    4219829.68       11.30929                      653015.28
4219829.68       12.29907
         652875.28    4219849.68        6.66599                      652895.28
4219849.68        7.42446
         652915.28    4219849.68        8.32035                      652935.28
4219849.68        9.35143
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:56:29

                                    PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                    INCLUDING SOURCE(S):     DELIVERY    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

652955.28 4219849.68 10.48935 652975.28 4219849.68 11.68604

652995.28 4219849.68 12.91046 653015.28 4219849.68 14.20234

653396.88 4219710.60 7.17490 653416.88 4219710.60 6.89015

653436.88 4219710.60 6.61068 653456.88 4219710.60 6.33556

653476.88 4219710.60 6.06420 653496.88 4219710.60 5.79706

653516.88 4219710.60 5.53467 653396.88 4219730.60 7.72335

653416.88 4219730.60 7.38585 653436.88 4219730.60 7.05441

653456.88 4219730.60 6.72890 653476.88 4219730.60 6.40941

653496.88 4219730.60 6.09723 653516.88 4219730.60 5.79344

653396.88 4219750.60 8.31420 653416.88 4219750.60 7.91041

653436.88 4219750.60 7.51510 653456.88 4219750.60 7.12936

653476.88 4219750.60 6.75411 653496.88 4219750.60 6.39114

653516.88 4219750.60 6.04220 653396.88 4219770.60 8.94152

653416.88 4219770.60 8.45571 653436.88 4219770.60 7.98399

653456.88 4219770.60 7.52800 653476.88 4219770.60 7.08985

653496.88 4219770.60 6.67161 653516.88 4219770.60 6.27483

653476.88 4219790.60 7.40747 653496.88 4219790.60 6.93087

653516.88 4219790.60 6.48550 653476.88 4219810.60 7.69681

653496.88 4219810.60 7.16169 653516.88 4219810.60 6.66867

653476.88 4219830.60 7.94904 653496.88 4219830.60 7.35734

653516.88 4219830.60 6.82020 653476.88 4219850.60 8.15604

653496.88 4219850.60 7.51353 653516.88 4219850.60 6.93786

653476.88 4219870.60 8.31363 653496.88 4219870.60 7.62851

653516.88 4219870.60 7.02190 653476.88 4219890.60 8.42193

653496.88 4219890.60 7.70455 653516.88

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4219890.60        7.07547
         652096.56    4220162.55        1.20434                        652116.56
4220162.55        1.24670
         652136.56    4220162.55        1.29152                        652156.56
4220162.55        1.33897
         652176.56    4220162.55        1.38925                        652196.56
4220162.55        1.44265
         652216.56    4220162.55        1.49946                        652236.56
4220162.55        1.55996
         652256.56    4220162.55        1.62445                        652276.56
4220162.55        1.69337
         652296.56    4220162.55        1.76712                        652316.56
4220162.55        1.84616
         652336.56    4220162.55        1.93106                        652356.56
4220162.55        2.02243
         652376.56    4220162.55        2.12098                        652396.56
4220162.55        2.22763
         652416.56    4220162.55        2.34312                        652436.56
4220162.55        2.46852
         652456.56    4220162.55        2.60554                        652096.56
4220182.55        1.20485
         652116.56    4220182.55        1.24710                        652136.56
4220182.55        1.29178
         652156.56    4220182.55        1.33912                        652176.56
4220182.55        1.38935
         652196.56    4220182.55        1.44264                        652216.56
4220182.55        1.49923
         652236.56    4220182.55        1.55950                        652256.56
4220182.55        1.62381
         652276.56    4220182.55        1.69248                        652296.56
4220182.55        1.76596
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                   INCLUDING SOURCE(S):     DELIVERY    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

652316.56 4220182.55 1.84475 652336.56 4220182.55 1.92935
652356.56 4220182.55 2.02043 652376.56 4220182.55 2.11864
652396.56 4220182.55 2.22474 652416.56 4220182.55 2.33975
652436.56 4220182.55 2.46450 652456.56 4220182.55 2.60096
652476.56 4220182.55 2.75093 652096.56 4220202.55 1.20426
652116.56 4220202.55 1.24636 652136.56 4220202.55 1.29092
652156.56 4220202.55 1.33804 652176.56 4220202.55 1.38804
652196.56 4220202.55 1.44112 652216.56 4220202.55 1.49755
652236.56 4220202.55 1.55762 652256.56 4220202.55 1.62166
652276.56 4220202.55 1.69004 652296.56 4220202.55 1.76321
652316.56 4220202.55 1.84161 652336.56 4220202.55 1.92581
652356.56 4220202.55 2.01640 652376.56 4220202.55 2.11413
652396.56 4220202.55 2.21968 652416.56 4220202.55 2.33402
652436.56 4220202.55 2.45819 652456.56 4220202.55 2.59378
652476.56 4220202.55 2.74280 652096.56 4220222.55 1.20272
652116.56 4220222.55 1.24464 652136.56 4220222.55 1.28900
652156.56 4220222.55 1.33595 652176.56 4220222.55 1.38575
652196.56 4220222.55 1.43853 652216.56 4220222.55 1.49465
652236.56 4220222.55 1.55442 652256.56 4220222.55 1.61815
652276.56 4220222.55 1.68620 652296.56 4220222.55 1.75901
652316.56 4220222.55 1.83702 652336.56 4220222.55 1.92078
652356.56 4220222.55 2.01088 652376.56 4220222.55 2.10803
652396.56 4220222.55 2.21301 652416.56 4220222.55 2.32677
652436.56 4220222.55 2.45013 652456.56

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4220222.55        2.58515
         652476.56    4220222.55        2.73329                       652096.56
4220242.55        1.20052
         652116.56    4220242.55        1.24222                       652136.56
4220242.55        1.28634
         652156.56    4220242.55        1.33304                       652176.56
4220242.55        1.38254
         652196.56    4220242.55        1.43509                       652216.56
4220242.55        1.49094
         652236.56    4220242.55        1.55038                       652256.56
4220242.55        1.61376
         652276.56    4220242.55        1.68146                       652296.56
4220242.55        1.75388
         652316.56    4220242.55        1.83147                       652336.56
4220242.55        1.91479
         652356.56    4220242.55        2.00446                       652376.56
4220242.55        2.10107
         652396.56    4220242.55        2.20544                       652416.56
4220242.55        2.31847
         652436.56    4220242.55        2.44097                       652456.56
4220242.55        2.57534
         652476.56    4220242.55        2.72209                       652096.56
4220262.55        1.19759
         652116.56    4220262.55        1.23909                       652136.56
4220262.55        1.28298
         652156.56    4220262.55        1.32942                       652176.56
4220262.55        1.37869
         652196.56    4220262.55        1.43097                       652216.56
4220262.55        1.48653
         652236.56    4220262.55        1.54570                       652256.56
4220262.55        1.60875
         652276.56    4220262.55        1.67609                       652296.56
4220262.55        1.74812
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:56:29

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

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                    INCLUDING SOURCE(S):     DELIVERY    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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652356.56	4220262.55	1.99729	652376.56	4220262.55	2.09337
652396.56	4220262.55	2.19712	652416.56	4220262.55	2.30942
652436.56	4220262.55	2.43131	652456.56	4220262.55	2.56453
652476.56	4220262.55	2.70989	652096.56	4220282.55	1.19429
652116.56	4220282.55	1.23556	652136.56	4220282.55	1.27920
652156.56	4220282.55	1.32540	652176.56	4220282.55	1.37444
652196.56	4220282.55	1.42645	652216.56	4220282.55	1.48174
652236.56	4220282.55	1.54058	652256.56	4220282.55	1.60333
652276.56	4220282.55	1.67033	652296.56	4220282.55	1.74200
652316.56	4220282.55	1.81878	652336.56	4220282.55	1.90122
652356.56	4220282.55	1.98991	652376.56	4220282.55	2.08540
652396.56	4220282.55	2.18848	652416.56	4220282.55	2.29997
652436.56	4220282.55	2.42097	652456.56	4220282.55	2.55306
652476.56	4220282.55	2.69686	652096.56	4220302.55	1.19059
652116.56	4220302.55	1.23168	652136.56	4220302.55	1.27514
652156.56	4220302.55	1.32112	652176.56	4220302.55	1.36992
652196.56	4220302.55	1.42170	652216.56	4220302.55	1.47672
652236.56	4220302.55	1.53528	652256.56	4220302.55	1.59769
652276.56	4220302.55	1.66440	652296.56	4220302.55	1.73573
652316.56	4220302.55	1.81215	652336.56	4220302.55	1.89417
652356.56	4220302.55	1.98224	652376.56	4220302.55	2.07711
652396.56	4220302.55	2.17951	652416.56		

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         652436.56    4220302.55        2.40982                        652456.56
4220302.55        2.54011
         652476.56    4220302.55        2.68151                        652096.56
4220322.55        1.18673
         652116.56    4220322.55        1.22765                        652136.56
4220322.55        1.27089
         652156.56    4220322.55        1.31670                        652176.56
4220322.55        1.36530
         652196.56    4220322.55        1.41685                        652216.56
4220322.55        1.47165
         652236.56    4220322.55        1.52998                        652256.56
4220322.55        1.59219
         652276.56    4220322.55        1.65858                        652296.56
4220322.55        1.72957
         652316.56    4220322.55        1.80556                        652336.56
4220322.55        1.88701
         652356.56    4220322.55        1.97452                        652376.56
4220322.55        2.06858
         652396.56    4220322.55        2.16989                        652416.56
4220322.55        2.27924
         652436.56    4220322.55        2.39777                        652456.56
4220322.55        2.52577
         652476.56    4220322.55        2.66440                        652096.56
4220342.55        1.18283
         652116.56    4220342.55        1.22357                        652136.56
4220342.55        1.26671
         652156.56    4220342.55        1.31234                        652176.56
4220342.55        1.36074
         652196.56    4220342.55        1.41210                        652216.56
4220342.55        1.46667
         652236.56    4220342.55        1.52479                        652256.56
4220342.55        1.58670
         652276.56    4220342.55        1.65273                        652296.56
4220342.55        1.72328
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***      15:56:29

                                   PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                   INCLUDING SOURCE(S):     DELIVERY    ,

                                             *** 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
652316.56	4220342.55	1.79877	652336.56	4220342.55	1.87963
652356.56	4220342.55	1.96639	652376.56	4220342.55	2.05948
652396.56	4220342.55	2.15952	652416.56	4220342.55	2.26730
652436.56	4220342.55	2.38383	652456.56	4220342.55	2.50916
652476.56	4220342.55	2.64435	652096.56	4220362.55	1.17899
652116.56	4220362.55	1.21963	652136.56	4220362.55	1.26259
652156.56	4220362.55	1.30810	652176.56	4220362.55	1.35635
652196.56	4220362.55	1.40750	652216.56	4220362.55	1.46186
652236.56	4220362.55	1.51968	652256.56	4220362.55	1.58123
652276.56	4220362.55	1.64688	652296.56	4220362.55	1.71697
652316.56	4220362.55	1.79185	652336.56	4220362.55	1.87192
652356.56	4220362.55	1.95762	652376.56	4220362.55	2.04942
652396.56	4220362.55	2.14785	652416.56	4220362.55	2.25379
652436.56	4220362.55	2.36756	652456.56	4220362.55	2.48970
652476.56	4220362.55	2.62067	652096.56	4220382.55	1.17535
652116.56	4220382.55	1.21585	652136.56	4220382.55	1.25867
652156.56	4220382.55	1.30400	652176.56	4220382.55	1.35210
652196.56	4220382.55	1.40302	652216.56	4220382.55	1.45713
652236.56	4220382.55	1.51462	652256.56	4220382.55	1.57582
652276.56	4220382.55	1.64099	652296.56	4220382.55	1.71043
652316.56	4220382.55	1.78446	652336.56	4220382.55	1.86357
652356.56	4220382.55	1.94804	652376.56		

4220382.55   2.03827
         652396.56   4220382.55   2.13461   652416.56
4220382.55   2.23801
         652436.56   4220382.55   2.34861   652456.56
4220382.55   2.46661
         652476.56   4220382.55   2.59242   652096.56
4220402.55   1.17186
         652116.56   4220402.55   1.21225   652136.56
4220402.55   1.25492
         652156.56   4220402.55   1.30010   652176.56
4220402.55   1.34796
         652196.56   4220402.55   1.39865   652216.56
4220402.55   1.45242
         652236.56   4220402.55   1.50949   652256.56
4220402.55   1.57018
         652276.56   4220402.55   1.63471   652296.56
4220402.55   1.70332
         652316.56   4220402.55   1.77641   652336.56
4220402.55   1.85421
         652356.56   4220402.55   1.93704   652376.56
4220402.55   2.02524
         652396.56   4220402.55   2.11919   652416.56
4220402.55   2.21957
         652436.56   4220402.55   2.32627   652456.56
4220402.55   2.43950
         652476.56   4220402.55   2.55953   652096.56
4220422.55   1.16855
         652116.56   4220422.55   1.20878   652136.56
4220422.55   1.25127
         652156.56   4220422.55   1.29626   652176.56
4220422.55   1.34386
         652196.56   4220422.55   1.39420   652216.56
4220422.55   1.44760
         652236.56   4220422.55   1.50418   652256.56
4220422.55   1.56423
         652276.56   4220422.55   1.62790   652296.56
4220422.55   1.69557

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                   INCLUDING SOURCE(S):   DELIVERY   ,

                                            *** 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
652316.56	4220422.55	1.76732	652336.56	4220422.55	1.84351
652356.56	4220422.55	1.92440	652376.56	4220422.55	2.01013
652396.56	4220422.55	2.10118	652416.56	4220422.55	2.19795
652436.56	4220422.55	2.30005	652456.56	4220422.55	2.40791
652476.56	4220422.55	2.52123	652096.56	4220442.55	1.16536
652116.56	4220442.55	1.20541	652136.56	4220442.55	1.24773
652156.56	4220442.55	1.29242	652176.56	4220442.55	1.33971
652196.56	4220442.55	1.38965	652216.56	4220442.55	1.44248
652236.56	4220442.55	1.49838	652256.56	4220442.55	1.55761
652276.56	4220442.55	1.62032	652296.56	4220442.55	1.68665
652316.56	4220442.55	1.75687	652336.56	4220442.55	1.83110
652356.56	4220442.55	1.90967	652376.56	4220442.55	1.99253
652396.56	4220442.55	2.08031	652416.56	4220442.55	2.17265
652436.56	4220442.55	2.26983	652456.56	4220442.55	2.37172
652476.56	4220442.55	2.47824	652096.56	4220462.55	1.16225
652116.56	4220462.55	1.20210	652136.56	4220462.55	1.24414
652156.56	4220462.55	1.28847	652176.56	4220462.55	1.33527
652196.56	4220462.55	1.38472	652216.56	4220462.55	1.43692
652236.56	4220462.55	1.49200	652256.56	4220462.55	1.55014
652276.56	4220462.55	1.61156	652296.56	4220462.55	1.67639
652316.56	4220462.55	1.74473	652336.56		

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4220462.55        1.81675
         652356.56    4220462.55        1.89249                        652376.56
4220462.55        1.97217
         652396.56    4220462.55        2.05603                        652416.56
4220462.55        2.14390
         652436.56    4220462.55        2.23566                        652456.56
4220462.55        2.33106
         652476.56    4220462.55        2.43015                        652096.56
4220482.55        1.15910
         652116.56    4220482.55        1.19870                        652136.56
4220482.55        1.24037
         652156.56    4220482.55        1.28426                        652176.56
4220482.55        1.33056
         652196.56    4220482.55        1.37927                        652216.56
4220482.55        1.43059
         652236.56    4220482.55        1.48466                        652256.56
4220482.55        1.54160
         652276.56    4220482.55        1.60150                        652296.56
4220482.55        1.66449
         652316.56    4220482.55        1.73067                        652336.56
4220482.55        1.80014
         652356.56    4220482.55        1.87288                        652376.56
4220482.55        1.94893
         652396.56    4220482.55        2.02855                        652416.56
4220482.55        2.11133
         652436.56    4220482.55        2.19720                        652456.56
4220482.55        2.28609
         652476.56    4220482.55        2.37752                        652216.56
4220502.55        1.42338
         652236.56    4220502.55        1.47619                        652256.56
4220502.55        1.53165
         652276.56    4220502.55        1.58982                        652296.56
4220502.55        1.65076
         652316.56    4220502.55        1.71448                        652336.56
4220502.55        1.78105
         652356.56    4220502.55        1.85043                        652376.56
4220502.55        1.92274
         652396.56    4220502.55        1.99768                        652416.56
4220502.55        2.07519
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:56:29

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

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                    INCLUDING SOURCE(S):     DELIVERY    ,
```

*** 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
652436.56	4220502.55	2.15502	652456.56	4220502.55	2.23695
652476.56	4220502.55	2.32068	652396.56	4220522.55	1.96349
652416.56	4220522.55	2.03560	652436.56	4220522.55	2.10925
652456.56	4220522.55	2.18424	652476.56	4220522.55	2.26010

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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
652763.96	4219991.30	0.00178	652783.96	4219991.30	0.00193
652803.96	4219991.30	0.00207	652823.96	4219991.30	0.00221
652843.96	4219991.30	0.00231	652763.96	4220011.30	0.00174
652783.96	4220011.30	0.00185	652803.96	4220011.30	0.00196
652823.96	4220011.30	0.00205	652843.96		

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4220011.30        0.00213
         652763.96    4220031.30        0.00176                    652783.96
4220031.30        0.00183
         652803.96    4220031.30        0.00188                    652823.96
4220031.30        0.00190
         652843.96    4220031.30        0.00189                    652763.96
4220051.30        0.00188
         652783.96    4220051.30        0.00193                    652803.96
4220051.30        0.00194
         652823.96    4220051.30        0.00188                    652843.96
4220051.30        0.00175
         652763.96    4220071.30        0.00209                    652783.96
4220071.30        0.00215
         652803.96    4220071.30        0.00216                    652823.96
4220071.30        0.00209
         652763.96    4220091.30        0.00232                    652783.96
4220091.30        0.00242
         652803.96    4220091.30        0.00246                    652823.96
4220091.30        0.00245
         652843.96    4220091.30        0.00238                    652763.96
4220111.30        0.00253
         652783.96    4220111.30        0.00269                    652803.96
4220111.30        0.00284
         652823.96    4220111.30        0.00318                    652843.96
4220111.30        0.00419
         652783.96    4220131.30        0.00308                    652803.96
4220131.30        0.00362
         652823.96    4220131.30        0.00484                    653217.50
4220029.01        0.01213
         653237.50    4220029.01        0.01081                    653257.50
4220029.01        0.00969
         653277.50    4220029.01        0.00874                    653297.50
4220029.01        0.00792
         653217.50    4220049.01        0.01094                    653237.50
4220049.01        0.00988
         653257.50    4220049.01        0.00899                    653277.50
4220049.01        0.00819
         653297.50    4220049.01        0.00749                    653217.50
4220069.01        0.01021
         653237.50    4220069.01        0.00933                    653257.50
4220069.01        0.00857
         653277.50    4220069.01        0.00786                    653297.50
4220069.01        0.00722
         653091.77    4220073.80        0.01642                    653107.01
4220074.09        0.01578
         653127.01    4220074.09        0.01486                    653147.01
4220074.09        0.01376
         653167.01    4220074.09        0.01263                    653187.01
4220074.09        0.01156
         653207.01    4220074.09        0.01056                    653226.41
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4220070.49 0.00976
653246.41 4220070.49 0.00896 653266.41
4220070.49 0.00822
653286.41 4220070.49 0.00755 653306.41
4220070.49 0.00693
653092.17 4220089.40 0.01413 653107.41
4220089.69 0.01393
653127.41 4220089.69 0.01341 653147.41
4220089.69 0.01264
653167.41 4220089.69 0.01176 653187.41
4220089.69 0.01086
653207.41 4220089.69 0.01000 653226.41
4220090.49 0.00920
653246.41 4220090.49 0.00850 653266.41
4220090.49 0.00785
653286.41 4220090.49 0.00724 653306.41
4220090.49 0.00668
653092.17 4220109.40 0.01136 653107.41
4220109.69 0.01147
653127.41 4220109.69 0.01135 653147.41
4220109.69 0.01094

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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
- -
653167.41 4220109.69 0.01036 653187.41
4220109.69 0.00970
653207.41 4220109.69 0.00903 653226.41
4220110.49 0.00838
653246.41 4220110.49 0.00782 653266.41
4220110.49 0.00728
653286.41 4220110.49 0.00677 653306.41

4220110.49 0.00628
653092.88 4220123.48 0.00942 653108.12
4220123.76 0.00969
653128.12 4220123.76 0.00977 653148.12
4220123.76 0.00959
653168.12 4220123.76 0.00922 653188.12
4220123.76 0.00875
653208.12 4220123.76 0.00824 653227.12
4220124.56 0.00771
653247.12 4220124.56 0.00725 653267.12
4220124.56 0.00679
653287.12 4220124.56 0.00634 653307.12
4220124.56 0.00592
652875.28 4219709.68 0.00124 652895.28
4219709.68 0.00145
652915.28 4219709.68 0.00175 652935.28
4219709.68 0.00217
652955.28 4219709.68 0.00267 652975.28
4219709.68 0.00331
652995.28 4219709.68 0.00404 653015.28
4219709.68 0.00495
652875.28 4219729.68 0.00132 652895.28
4219729.68 0.00155
652915.28 4219729.68 0.00188 652935.28
4219729.68 0.00237
652955.28 4219729.68 0.00297 652975.28
4219729.68 0.00372
652995.28 4219729.68 0.00460 653015.28
4219729.68 0.00568
652875.28 4219749.68 0.00141 652895.28
4219749.68 0.00166
652915.28 4219749.68 0.00203 652935.28
4219749.68 0.00260
652955.28 4219749.68 0.00330 652975.28
4219749.68 0.00420
652995.28 4219749.68 0.00528 653015.28
4219749.68 0.00657
652875.28 4219769.68 0.00150 652895.28
4219769.68 0.00177
652915.28 4219769.68 0.00219 652935.28
4219769.68 0.00286
652955.28 4219769.68 0.00369 652975.28
4219769.68 0.00475
652995.28 4219769.68 0.00611 653015.28
4219769.68 0.00767
652875.28 4219789.68 0.00160 652895.28
4219789.68 0.00190
652915.28 4219789.68 0.00243 652935.28
4219789.68 0.00316
652955.28 4219789.68 0.00415 652975.28

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4219789.68        0.00547
         652995.28    4219789.68        0.00707                       653015.28
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         652875.28    4219809.68        0.00170                       652895.28
4219809.68        0.00203
         652915.28    4219809.68        0.00264                       652935.28
4219809.68        0.00351
         652955.28    4219809.68        0.00472                       652975.28
4219809.68        0.00639
         652995.28    4219809.68        0.00845                       653015.28
4219809.68        0.01082
         652875.28    4219829.68        0.00181                       652895.28
4219829.68        0.00216
         652915.28    4219829.68        0.00286                       652935.28
4219829.68        0.00390
         652955.28    4219829.68        0.00539                       652975.28
4219829.68        0.00746
         652995.28    4219829.68        0.01019                       653015.28
4219829.68        0.01298
         652875.28    4219849.68        0.00192                       652895.28
4219849.68        0.00229
         652915.28    4219849.68        0.00309                       652935.28
4219849.68        0.00434
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN       ***
                                   INCLUDING SOURCE(S):     GEN         ,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652955.28    4219849.68        0.00622                       652975.28
4219849.68        0.00887
         652995.28    4219849.68        0.01236                       653015.28
4219849.68        0.01584
         653396.88    4219710.60        0.00807                       653416.88
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4219730.60 0.00829
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4219730.60 0.00732
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653396.88 4219750.60 0.00845 653416.88
4219750.60 0.00790
653436.88 4219750.60 0.00738 653456.88
4219750.60 0.00689
653476.88 4219750.60 0.00643 653496.88
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4219770.60 0.00856
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4219770.60 0.00739
653456.88 4219770.60 0.00686 653476.88
4219770.60 0.00638
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653516.88 4219790.60 0.00544 653476.88
4219810.60 0.00618
653496.88 4219810.60 0.00573 653516.88
4219810.60 0.00532
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4219830.60 0.00558
653516.88 4219830.60 0.00518 653476.88
4219850.60 0.00586
653496.88 4219850.60 0.00541 653516.88
4219850.60 0.00501
653476.88 4219870.60 0.00564 653496.88
4219870.60 0.00521
653516.88 4219870.60 0.00482 653476.88
4219890.60 0.00541
653496.88 4219890.60 0.00499 653516.88
4219890.60 0.00462
652096.56 4220162.55 0.00039 652116.56
4220162.55 0.00041
652136.56 4220162.55 0.00042 652156.56
4220162.55 0.00044
652176.56 4220162.55 0.00046 652196.56

4220162.55 0.00048
652216.56 4220162.55 0.00050 652236.56
4220162.55 0.00052
652256.56 4220162.55 0.00054 652276.56
4220162.55 0.00057
652296.56 4220162.55 0.00060 652316.56
4220162.55 0.00063
652336.56 4220162.55 0.00066 652356.56
4220162.55 0.00069
652376.56 4220162.55 0.00073 652396.56
4220162.55 0.00077
652416.56 4220162.55 0.00082 652436.56
4220162.55 0.00087
652456.56 4220162.55 0.00092 652096.56
4220182.55 0.00040
652116.56 4220182.55 0.00041 652136.56
4220182.55 0.00043
652156.56 4220182.55 0.00044 652176.56
4220182.55 0.00046
652196.56 4220182.55 0.00048 652216.56
4220182.55 0.00050
652236.56 4220182.55 0.00052 652256.56
4220182.55 0.00055
652276.56 4220182.55 0.00057 652296.56
4220182.55 0.00060

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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
652316.56	4220182.55	0.00063	652336.56	4220182.55	0.00066
652356.56	4220182.55	0.00070	652376.56		

4220182.55 0.00074
652396.56 4220182.55 0.00078 652416.56
4220182.55 0.00082
652436.56 4220182.55 0.00087 652456.56
4220182.55 0.00093
652476.56 4220182.55 0.00098 652096.56
4220202.55 0.00040
652116.56 4220202.55 0.00041 652136.56
4220202.55 0.00043
652156.56 4220202.55 0.00044 652176.56
4220202.55 0.00046
652196.56 4220202.55 0.00048 652216.56
4220202.55 0.00050
652236.56 4220202.55 0.00052 652256.56
4220202.55 0.00055
652276.56 4220202.55 0.00057 652296.56
4220202.55 0.00060
652316.56 4220202.55 0.00063 652336.56
4220202.55 0.00066
652356.56 4220202.55 0.00070 652376.56
4220202.55 0.00074
652396.56 4220202.55 0.00078 652416.56
4220202.55 0.00082
652436.56 4220202.55 0.00087 652456.56
4220202.55 0.00093
652476.56 4220202.55 0.00099 652096.56
4220222.55 0.00039
652116.56 4220222.55 0.00041 652136.56
4220222.55 0.00042
652156.56 4220222.55 0.00044 652176.56
4220222.55 0.00046
652196.56 4220222.55 0.00048 652216.56
4220222.55 0.00050
652236.56 4220222.55 0.00052 652256.56
4220222.55 0.00054
652276.56 4220222.55 0.00057 652296.56
4220222.55 0.00060
652316.56 4220222.55 0.00063 652336.56
4220222.55 0.00066
652356.56 4220222.55 0.00070 652376.56
4220222.55 0.00073
652396.56 4220222.55 0.00078 652416.56
4220222.55 0.00082
652436.56 4220222.55 0.00087 652456.56
4220222.55 0.00092
652476.56 4220222.55 0.00098 652096.56
4220242.55 0.00039
652116.56 4220242.55 0.00040 652136.56
4220242.55 0.00042
652156.56 4220242.55 0.00044 652176.56

```
4220242.55        0.00045
         652196.56    4220242.55        0.00047                        652216.56
4220242.55        0.00049
         652236.56    4220242.55        0.00052                        652256.56
4220242.55        0.00054
         652276.56    4220242.55        0.00057                        652296.56
4220242.55        0.00059
         652316.56    4220242.55        0.00062                        652336.56
4220242.55        0.00066
         652356.56    4220242.55        0.00069                        652376.56
4220242.55        0.00073
         652396.56    4220242.55        0.00077                        652416.56
4220242.55        0.00082
         652436.56    4220242.55        0.00087                        652456.56
4220242.55        0.00092
         652476.56    4220242.55        0.00098                        652096.56
4220262.55        0.00039
         652116.56    4220262.55        0.00040                        652136.56
4220262.55        0.00042
         652156.56    4220262.55        0.00043                        652176.56
4220262.55        0.00045
         652196.56    4220262.55        0.00047                        652216.56
4220262.55        0.00049
         652236.56    4220262.55        0.00051                        652256.56
4220262.55        0.00054
         652276.56    4220262.55        0.00056                        652296.56
4220262.55        0.00059
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN       ***
                                   INCLUDING SOURCE(S):     GEN         ,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         652316.56    4220262.55        0.00062                        652336.56
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4220262.55 0.00065
652356.56 4220262.55 0.00069 652376.56
4220262.55 0.00073
652396.56 4220262.55 0.00077 652416.56
4220262.55 0.00081
652436.56 4220262.55 0.00086 652456.56
4220262.55 0.00092
652476.56 4220262.55 0.00098 652096.56
4220282.55 0.00038
652116.56 4220282.55 0.00040 652136.56
4220282.55 0.00041
652156.56 4220282.55 0.00043 652176.56
4220282.55 0.00045
652196.56 4220282.55 0.00047 652216.56
4220282.55 0.00049
652236.56 4220282.55 0.00051 652256.56
4220282.55 0.00053
652276.56 4220282.55 0.00056 652296.56
4220282.55 0.00059
652316.56 4220282.55 0.00062 652336.56
4220282.55 0.00065
652356.56 4220282.55 0.00068 652376.56
4220282.55 0.00072
652396.56 4220282.55 0.00076 652416.56
4220282.55 0.00081
652436.56 4220282.55 0.00086 652456.56
4220282.55 0.00092
652476.56 4220282.55 0.00099 652096.56
4220302.55 0.00038
652116.56 4220302.55 0.00039 652136.56
4220302.55 0.00041
652156.56 4220302.55 0.00042 652176.56
4220302.55 0.00044
652196.56 4220302.55 0.00046 652216.56
4220302.55 0.00048
652236.56 4220302.55 0.00050 652256.56
4220302.55 0.00053
652276.56 4220302.55 0.00055 652296.56
4220302.55 0.00058
652316.56 4220302.55 0.00061 652336.56
4220302.55 0.00064
652356.56 4220302.55 0.00068 652376.56
4220302.55 0.00072
652396.56 4220302.55 0.00076 652416.56
4220302.55 0.00081
652436.56 4220302.55 0.00087 652456.56
4220302.55 0.00093
652476.56 4220302.55 0.00101 652096.56
4220322.55 0.00037
652116.56 4220322.55 0.00039 652136.56

```
4220322.55        0.00040
         652156.56    4220322.55        0.00042                        652176.56
4220322.55        0.00044
         652196.56    4220322.55        0.00046                        652216.56
4220322.55        0.00048
         652236.56    4220322.55        0.00050                        652256.56
4220322.55        0.00052
         652276.56    4220322.55        0.00055                        652296.56
4220322.55        0.00058
         652316.56    4220322.55        0.00061                        652336.56
4220322.55        0.00064
         652356.56    4220322.55        0.00068                        652376.56
4220322.55        0.00072
         652396.56    4220322.55        0.00077                        652416.56
4220322.55        0.00082
         652436.56    4220322.55        0.00088                        652456.56
4220322.55        0.00095
         652476.56    4220322.55        0.00104                        652096.56
4220342.55        0.00037
         652116.56    4220342.55        0.00038                        652136.56
4220342.55        0.00040
         652156.56    4220342.55        0.00042                        652176.56
4220342.55        0.00043
         652196.56    4220342.55        0.00045                        652216.56
4220342.55        0.00047
         652236.56    4220342.55        0.00050                        652256.56
4220342.55        0.00052
         652276.56    4220342.55        0.00055                        652296.56
4220342.55        0.00058
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***      15:56:29

                                   PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN       ***
                                   INCLUDING SOURCE(S):     GEN         ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
652316.56 4220342.55 0.00061 652336.56
4220342.55 0.00064
652356.56 4220342.55 0.00068 652376.56
4220342.55 0.00072
652396.56 4220342.55 0.00077 652416.56
4220342.55 0.00083
652436.56 4220342.55 0.00090 652456.56
4220342.55 0.00098
652476.56 4220342.55 0.00108 652096.56
4220362.55 0.00037
652116.56 4220362.55 0.00038 652136.56
4220362.55 0.00040
652156.56 4220362.55 0.00041 652176.56
4220362.55 0.00043
652196.56 4220362.55 0.00045 652216.56
4220362.55 0.00047
652236.56 4220362.55 0.00049 652256.56
4220362.55 0.00052
652276.56 4220362.55 0.00055 652296.56
4220362.55 0.00057
652316.56 4220362.55 0.00061 652336.56
4220362.55 0.00064
652356.56 4220362.55 0.00068 652376.56
4220362.55 0.00073
652396.56 4220362.55 0.00079 652416.56
4220362.55 0.00085
652436.56 4220362.55 0.00093 652456.56
4220362.55 0.00101
652476.56 4220362.55 0.00113 652096.56
4220382.55 0.00036
652116.56 4220382.55 0.00038 652136.56
4220382.55 0.00039
652156.56 4220382.55 0.00041 652176.56
4220382.55 0.00043
652196.56 4220382.55 0.00045 652216.56
4220382.55 0.00047
652236.56 4220382.55 0.00049 652256.56
4220382.55 0.00052
652276.56 4220382.55 0.00054 652296.56
4220382.55 0.00058
652316.56 4220382.55 0.00061 652336.56
4220382.55 0.00065
652356.56 4220382.55 0.00069 652376.56
4220382.55 0.00075
652396.56 4220382.55 0.00081 652416.56
4220382.55 0.00088
652436.56 4220382.55 0.00096 652456.56
4220382.55 0.00106
652476.56 4220382.55 0.00119 652096.56

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4220402.55        0.00036
         652116.56    4220402.55        0.00037                        652136.56
4220402.55        0.00039
         652156.56    4220402.55        0.00041                        652176.56
4220402.55        0.00043
         652196.56    4220402.55        0.00045                        652216.56
4220402.55        0.00047
         652236.56    4220402.55        0.00049                        652256.56
4220402.55        0.00052
         652276.56    4220402.55        0.00055                        652296.56
4220402.55        0.00058
         652316.56    4220402.55        0.00062                        652336.56
4220402.55        0.00066
         652356.56    4220402.55        0.00071                        652376.56
4220402.55        0.00076
         652396.56    4220402.55        0.00083                        652416.56
4220402.55        0.00091
         652436.56    4220402.55        0.00100                        652456.56
4220402.55        0.00112
         652476.56    4220402.55        0.00126                        652096.56
4220422.55        0.00036
         652116.56    4220422.55        0.00037                        652136.56
4220422.55        0.00039
         652156.56    4220422.55        0.00041                        652176.56
4220422.55        0.00042
         652196.56    4220422.55        0.00044                        652216.56
4220422.55        0.00047
         652236.56    4220422.55        0.00049                        652256.56
4220422.55        0.00052
         652276.56    4220422.55        0.00055                        652296.56
4220422.55        0.00059
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN       ***
                                   INCLUDING SOURCE(S):     GEN         ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)   CONC
- -

652316.56   4220422.55   0.00063   652336.56
4220422.55   0.00067
652356.56   4220422.55   0.00073   652376.56
4220422.55   0.00079
652396.56   4220422.55   0.00086   652416.56
4220422.55   0.00095
652436.56   4220422.55   0.00105   652456.56
4220422.55   0.00118
652476.56   4220422.55   0.00132   652096.56
4220442.55   0.00036
652116.56   4220442.55   0.00037   652136.56
4220442.55   0.00039
652156.56   4220442.55   0.00040   652176.56
4220442.55   0.00042
652196.56   4220442.55   0.00045   652216.56
4220442.55   0.00047
652236.56   4220442.55   0.00050   652256.56
4220442.55   0.00053
652276.56   4220442.55   0.00056   652296.56
4220442.55   0.00060
652316.56   4220442.55   0.00064   652336.56
4220442.55   0.00069
652356.56   4220442.55   0.00075   652376.56
4220442.55   0.00082
652396.56   4220442.55   0.00090   652416.56
4220442.55   0.00100
652436.56   4220442.55   0.00111   652456.56
4220442.55   0.00124
652476.56   4220442.55   0.00138   652096.56
4220462.55   0.00035
652116.56   4220462.55   0.00037   652136.56
4220462.55   0.00039
652156.56   4220462.55   0.00040   652176.56
4220462.55   0.00043
652196.56   4220462.55   0.00045   652216.56
4220462.55   0.00047
652236.56   4220462.55   0.00050   652256.56
4220462.55   0.00054
652276.56   4220462.55   0.00057   652296.56
4220462.55   0.00061
652316.56   4220462.55   0.00066   652336.56
4220462.55   0.00072
652356.56   4220462.55   0.00078   652376.56
4220462.55   0.00086
652396.56   4220462.55   0.00094   652416.56
4220462.55   0.00105
652436.56   4220462.55   0.00116   652456.56

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         652476.56    4220462.55        0.00143                        652096.56
4220482.55        0.00035
         652116.56    4220482.55        0.00037                        652136.56
4220482.55        0.00039
         652156.56    4220482.55        0.00041                        652176.56
4220482.55        0.00043
         652196.56    4220482.55        0.00045                        652216.56
4220482.55        0.00048
         652236.56    4220482.55        0.00051                        652256.56
4220482.55        0.00055
         652276.56    4220482.55        0.00059                        652296.56
4220482.55        0.00063
         652316.56    4220482.55        0.00069                        652336.56
4220482.55        0.00075
         652356.56    4220482.55        0.00082                        652376.56
4220482.55        0.00090
         652396.56    4220482.55        0.00099                        652416.56
4220482.55        0.00109
         652436.56    4220482.55        0.00120                        652456.56
4220482.55        0.00133
         652476.56    4220482.55        0.00146                        652216.56
4220502.55        0.00049
         652236.56    4220502.55        0.00053                        652256.56
4220502.55        0.00056
         652276.56    4220502.55        0.00061                        652296.56
4220502.55        0.00066
         652316.56    4220502.55        0.00072                        652336.56
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         652356.56    4220502.55        0.00085                        652376.56
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4220502.55        0.00113
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:56:29

                                    PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN        ***
                                    INCLUDING SOURCE(S):     GEN         ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652436.56    4220502.55        0.00124                         652456.56
4220502.55        0.00136
         652476.56    4220502.55        0.00148                         652396.56
4220522.55        0.00107
         652416.56    4220522.55        0.00117                         652436.56
4220522.55        0.00127
         652456.56    4220522.55        0.00138                         652476.56
4220522.55        0.00149
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       15:56:29

                                    PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_IDLE   ***
                                    INCLUDING SOURCE(S):     M_IDLE      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652763.96    4219991.30       19.54604                         652783.96
4219991.30       23.37243
         652803.96    4219991.30       28.52157                         652823.96
4219991.30       35.67401
         652843.96    4219991.30       46.09907                         652763.96
4220011.30       22.52210
         652783.96    4220011.30       27.60873                         652803.96
4220011.30       34.73860
         652823.96    4220011.30       45.07562                         652843.96
4220011.30       60.58837
         652763.96    4220031.30       25.03769                         652783.96
4220031.30       31.35740
         652803.96    4220031.30       40.57490                         652823.96
4220031.30       54.71568
         652843.96    4220031.30       77.55418                         652763.96
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4220051.30 26.61439
652783.96 4220051.30 33.68722 652803.96
4220051.30 44.15815
652823.96 4220051.30 60.56896 652843.96
4220051.30 87.75640
652763.96 4220071.30 27.27796 652783.96
4220071.30 34.53762
652803.96 4220071.30 45.19140 652823.96
4220071.30 61.55991
652763.96 4220091.30 27.23789 652783.96
4220091.30 34.19756
652803.96 4220091.30 44.04505 652823.96
4220091.30 58.10831
652843.96 4220091.30 77.13343 652763.96
4220111.30 26.53815
652783.96 4220111.30 32.72236 652803.96
4220111.30 40.82507
652823.96 4220111.30 50.91375 652843.96
4220111.30 61.38981
652783.96 4220131.30 30.18006 652803.96
4220131.30 36.01161
652823.96 4220131.30 41.95868 653217.50
4220029.01 13.15019
653237.50 4220029.01 11.73390 653257.50
4220029.01 10.54154
653277.50 4220029.01 9.52967 653297.50
4220029.01 8.66336
653217.50 4220049.01 12.74942 653237.50
4220049.01 11.40784
653257.50 4220049.01 10.27761 653277.50
4220049.01 9.31188
653297.50 4220049.01 8.48112 653217.50
4220069.01 12.10887
653237.50 4220069.01 10.89039 653257.50
4220069.01 9.85498
653277.50 4220069.01 8.96459 653297.50
4220069.01 8.19218
653091.77 4220073.80 27.45047 653107.01
4220074.09 24.25329
653127.01 4220074.09 20.88729 653147.01
4220074.09 18.17353
653167.01 4220074.09 15.95946 653187.01
4220074.09 14.13122
653207.01 4220074.09 12.60645 653226.41
4220070.49 11.48876
653246.41 4220070.49 10.36716 653266.41
4220070.49 9.40613
653286.41 4220070.49 8.57809 653306.41
4220070.49 7.85734
653092.17 4220089.40 23.70853 653107.41

4220089.69   21.29198
         653127.41   4220089.69   18.67158   653147.41
4220089.69   16.48386
         653167.41   4220089.69   14.64854   653187.41
4220089.69   13.09831
         653207.41   4220089.69   11.78130   653226.41
4220090.49   10.66974
         653246.41   4220090.49   9.70013   653266.41
4220090.49   8.85643
         653286.41   4220090.49   8.12078   653306.41
4220090.49   7.47476
         653092.17   4220109.40   19.11741   653107.41
4220109.69   17.53910
         653127.41   4220109.69   15.75814   653147.41
4220109.69   14.19670

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE   ***
INCLUDING SOURCE(S):   M_IDLE   ,

*** 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
653167.41	4220109.69	12.83284	653187.41	4220109.69	11.64128
653207.41	4220109.69	10.59930	653226.41	4220110.49	9.68813
653246.41	4220110.49	8.88812	653266.41	4220110.49	8.18131
653286.41	4220110.49	7.55381	653306.41	4220110.49	6.99584
653092.88	4220123.48	16.25070	653108.12	4220123.76	15.10446
653128.12	4220123.76	13.78001	653148.12	4220123.76	12.58334
653168.12	4220123.76	11.50971	653188.12		

4220123.76 10.54987
653208.12 4220123.76 9.69319 653227.12
4220124.56 8.92401
653247.12 4220124.56 8.24454 653267.12
4220124.56 7.63761
653287.12 4220124.56 7.09066 653307.12
4220124.56 6.59957
652875.28 4219709.68 6.53328 652895.28
4219709.68 6.76755
652915.28 4219709.68 7.07511 652935.28
4219709.68 7.48112
652955.28 4219709.68 7.97378 652975.28
4219709.68 8.50434
652995.28 4219709.68 8.99626 653015.28
4219709.68 9.37348
652875.28 4219729.68 7.25114 652895.28
4219729.68 7.53590
652915.28 4219729.68 7.90672 652935.28
4219729.68 8.39840
652955.28 4219729.68 8.99239 652975.28
4219729.68 9.61892
652995.28 4219729.68 10.17348 653015.28
4219729.68 10.56495
652875.28 4219749.68 8.09665 652895.28
4219749.68 8.44328
652915.28 4219749.68 8.89917 652935.28
4219749.68 9.50470
652955.28 4219749.68 10.22898 652975.28
4219749.68 10.97024
652995.28 4219749.68 11.59224 653015.28
4219749.68 11.98241
652875.28 4219769.68 9.09965 652895.28
4219769.68 9.53370
652915.28 4219769.68 10.10244 652935.28
4219769.68 10.85774
652955.28 4219769.68 11.75014 652975.28
4219769.68 12.63087
652995.28 4219769.68 13.31839 653015.28
4219769.68 13.68105
652875.28 4219789.68 10.30758 652895.28
4219789.68 10.86036
652915.28 4219789.68 11.58108 652935.28
4219789.68 12.53835
652955.28 4219789.68 13.64999 652975.28
4219789.68 14.69826
652995.28 4219789.68 15.44053 653015.28
4219789.68 15.73378
652875.28 4219809.68 11.78002 652895.28
4219809.68 12.49699
652915.28 4219809.68 13.42768 652935.28

4219809.68   14.66261
         652955.28   4219809.68   16.06586   652975.28
4219809.68   17.31179
         652995.28   4219809.68   18.08012   653015.28
4219809.68   18.23702
         652875.28   4219829.68   13.59912   652895.28
4219829.68   14.54959
         652915.28   4219829.68   15.77825   652935.28
4219829.68   17.40508
         652955.28   4219829.68   19.20001   652975.28
4219829.68   20.67075
         652995.28   4219829.68   21.40448   653015.28
4219829.68   21.32078
         652875.28   4219849.68   15.88193   652895.28
4219849.68   17.17340
         652915.28   4219849.68   18.83782   652935.28
4219849.68   21.03557

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_IDLE   ***
                                    INCLUDING SOURCE(S):   M_IDLE   ,

                                              *** 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
 -
- -
         652955.28   4219849.68   23.36262   652975.28
4219849.68   25.06821
         652995.28   4219849.68   25.65035   653015.28
4219849.68   25.16526
         653396.88   4219710.60   4.95401   653416.88
4219710.60   4.71459
         653436.88   4219710.60   4.48497   653456.88
4219710.60   4.26584
         653476.88   4219710.60   4.05766   653496.88
4219710.60   3.86047
         653516.88   4219710.60   3.67428   653396.88

4219730.60 5.12635
653416.88 4219730.60 4.86002 653436.88
4219730.60 4.60742
653456.88 4219730.60 4.36878 653476.88
4219730.60 4.14417
653496.88 4219730.60 3.93314 653516.88
4219730.60 3.73524
653396.88 4219750.60 5.28367 653416.88
4219750.60 4.99094
653436.88 4219750.60 4.71631 653456.88
4219750.60 4.45924
653476.88 4219750.60 4.21918 653496.88
4219750.60 3.99538
653516.88 4219750.60 3.78695 653396.88
4219770.60 5.42331
653416.88 4219770.60 5.10546 653436.88
4219770.60 4.81004
653456.88 4219770.60 4.53593 653476.88
4219770.60 4.28209
653496.88 4219770.60 4.04697 653516.88
4219770.60 3.82935
653476.88 4219790.60 4.33282 653496.88
4219790.60 4.08803
653516.88 4219790.60 3.86258 653476.88
4219810.60 4.37163
653496.88 4219810.60 4.11892 653516.88
4219810.60 3.88710
653476.88 4219830.60 4.39943 653496.88
4219830.60 4.14059
653516.88 4219830.60 3.90397 653476.88
4219850.60 4.41760
653496.88 4219850.60 4.15427 653516.88
4219850.60 3.91439
653476.88 4219870.60 4.42810 653496.88
4219870.60 4.16202
653516.88 4219870.60 3.92039 653476.88
4219890.60 4.43352
653496.88 4219890.60 4.16605 653516.88
4219890.60 3.92330
652096.56 4220162.55 1.61505 652116.56
4220162.55 1.68295
652136.56 4220162.55 1.75567 652156.56
4220162.55 1.83357
652176.56 4220162.55 1.91686 652196.56
4220162.55 2.00654
652216.56 4220162.55 2.10327 652236.56
4220162.55 2.20765
652256.56 4220162.55 2.32047 652276.56
4220162.55 2.44278
652296.56 4220162.55 2.57605 652316.56

4220162.55 2.72128
 652336.56 4220162.55 2.88013 652356.56
4220162.55 3.05432
 652376.56 4220162.55 3.24605 652396.56
4220162.55 3.45821
 652416.56 4220162.55 3.69293 652436.56
4220162.55 3.95464
 652456.56 4220162.55 4.24750 652096.56
4220182.55 1.61415
 652116.56 4220182.55 1.68177 652136.56
4220182.55 1.75410
 652156.56 4220182.55 1.83173 652176.56
4220182.55 1.91482
 652196.56 4220182.55 2.00405 652216.56
4220182.55 2.10024
 652236.56 4220182.55 2.20406 652256.56
4220182.55 2.31647
 652276.56 4220182.55 2.43833 652296.56
4220182.55 2.57088

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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
652316.56	4220182.55	2.71541	652336.56	4220182.55	2.87318
652356.56	4220182.55	3.04653	652376.56	4220182.55	3.23727
652396.56	4220182.55	3.44767	652416.56	4220182.55	3.68102
652436.56	4220182.55	3.94036	652456.56	4220182.55	4.23151
652476.56	4220182.55	4.56026	652096.56		

4220202.55 1.61176
652116.56 4220202.55 1.67906 652136.56
4220202.55 1.75092
652156.56 4220202.55 1.82799 652176.56
4220202.55 1.91087
652196.56 4220202.55 1.99968 652216.56
4220202.55 2.09548
652236.56 4220202.55 2.19887 652256.56
4220202.55 2.31054
652276.56 4220202.55 2.43171 652296.56
4220202.55 2.56333
652316.56 4220202.55 2.70701 652336.56
4220202.55 2.86386
652356.56 4220202.55 3.03606 652376.56
4220202.55 3.22553
652396.56 4220202.55 3.43443 652416.56
4220202.55 3.66580
652436.56 4220202.55 3.92291 652456.56
4220202.55 4.21063
652476.56 4220202.55 4.53503 652096.56
4220222.55 1.60800
652116.56 4220222.55 1.67497 652136.56
4220222.55 1.74665
652156.56 4220222.55 1.82322 652176.56
4220222.55 1.90567
652196.56 4220222.55 1.99391 652216.56
4220222.55 2.08902
652236.56 4220222.55 2.19174 652256.56
4220222.55 2.30280
652276.56 4220222.55 2.42332 652296.56
4220222.55 2.55436
652316.56 4220222.55 2.69714 652336.56
4220222.55 2.85304
652356.56 4220222.55 3.02402 652376.56
4220222.55 3.21182
652396.56 4220222.55 3.41884 652416.56
4220222.55 3.64791
652436.56 4220222.55 3.90162 652456.56
4220222.55 4.18554
652476.56 4220222.55 4.50412 652096.56
4220242.55 1.60350
652116.56 4220242.55 1.67011 652136.56
4220242.55 1.74137
652156.56 4220242.55 1.81760 652176.56
4220242.55 1.89929
652196.56 4220242.55 1.98724 652216.56
4220242.55 2.08190
652236.56 4220242.55 2.18413 652256.56
4220242.55 2.29463
652276.56 4220242.55 2.41439 652296.56

4220242.55 2.54451
652316.56 4220242.55 2.68625 652336.56
4220242.55 2.84104
652356.56 4220242.55 3.01062 652376.56
4220242.55 3.19655
652396.56 4220242.55 3.40113 652416.56
4220242.55 3.62684
652436.56 4220242.55 3.87623 652456.56
4220242.55 4.15498
652476.56 4220242.55 4.46508 652096.56
4220262.55 1.59840
652116.56 4220262.55 1.66461 652136.56
4220262.55 1.73541
652156.56 4220262.55 1.81131 652176.56
4220262.55 1.89267
652196.56 4220262.55 1.98019 652216.56
4220262.55 2.07428
652236.56 4220262.55 2.17590 652256.56
4220262.55 2.28574
652276.56 4220262.55 2.40475 652296.56
4220262.55 2.53395

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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
652316.56	4220262.55	2.67460	652336.56	4220262.55	2.82794
652356.56	4220262.55	2.99548	652376.56	4220262.55	3.17896
652396.56	4220262.55	3.38042	652416.56	4220262.55	3.60193
652436.56	4220262.55	3.84608	652456.56		

4220262.55 4.11688
652476.56 4220262.55 4.41620 652096.56
4220282.55 1.59290
652116.56 4220282.55 1.65884 652136.56
4220282.55 1.72934
652156.56 4220282.55 1.80473 652176.56
4220282.55 1.88579
652196.56 4220282.55 1.97276 652216.56
4220282.55 2.06644
652236.56 4220282.55 2.16742 652256.56
4220282.55 2.27660
652276.56 4220282.55 2.39471 652296.56
4220282.55 2.52282
652316.56 4220282.55 2.66195 652336.56
4220282.55 2.81336
652356.56 4220282.55 2.97853 652376.56
4220282.55 3.15893
652396.56 4220282.55 3.35624 652416.56
4220282.55 3.57226
652436.56 4220282.55 3.80925 652456.56
4220282.55 4.07022
652476.56 4220282.55 4.35618 652096.56
4220302.55 1.58727
652116.56 4220302.55 1.65294 652136.56
4220302.55 1.72316
652156.56 4220302.55 1.79825 652176.56
4220302.55 1.87894
652196.56 4220302.55 1.96546 652216.56
4220302.55 2.05855
652236.56 4220302.55 2.15878 652256.56
4220302.55 2.26700
652276.56 4220302.55 2.38392 652296.56
4220302.55 2.51048
652316.56 4220302.55 2.64779 652336.56
4220302.55 2.79695
652356.56 4220302.55 2.95907 652376.56
4220302.55 3.13536
652396.56 4220302.55 3.32738 652416.56
4220302.55 3.53577
652436.56 4220302.55 3.76366 652456.56
4220302.55 4.01216
652476.56 4220302.55 4.28164 652096.56
4220322.55 1.58179
652116.56 4220322.55 1.64720 652136.56
4220322.55 1.71704
652156.56 4220322.55 1.79184 652176.56
4220322.55 1.87196
652196.56 4220322.55 1.95799 652216.56
4220322.55 2.05030
652236.56 4220322.55 2.14967 652256.56

4220322.55 2.25673
  652276.56 4220322.55 2.37229 652296.56
4220322.55 2.49722
  652316.56 4220322.55 2.63221 652336.56
4220322.55 2.77820
  652356.56 4220322.55 2.93613 652376.56
4220322.55 3.10699
  652396.56 4220322.55 3.29183 652416.56
4220322.55 3.49202
  652436.56 4220322.55 3.70913 652456.56
4220322.55 3.94260
  652476.56 4220322.55 4.19349 652096.56
4220342.55 1.57640
  652116.56 4220342.55 1.64148 652136.56
4220342.55 1.71103
  652156.56 4220342.55 1.78536 652176.56
4220342.55 1.86493
  652196.56 4220342.55 1.95014 652216.56
4220342.55 2.04160
  652236.56 4220342.55 2.13993 652256.56
4220342.55 2.24568
  652276.56 4220342.55 2.35933 652296.56
4220342.55 2.48172

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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
652316.56	4220342.55	2.61350	652336.56	4220342.55	2.75546
652356.56	4220342.55	2.90842	652376.56	4220342.55	3.07288
652396.56	4220342.55	3.24952	652416.56		

4220342.55 3.43925
652436.56 4220342.55 3.64313 652456.56
4220342.55 3.86026
652476.56 4220342.55 4.09097 652096.56
4220362.55 1.57110
652116.56 4220362.55 1.63588 652136.56
4220362.55 1.70496
652156.56 4220362.55 1.77874 652176.56
4220362.55 1.85763
652196.56 4220362.55 1.94200 652216.56
4220362.55 2.03236
652236.56 4220362.55 2.12916 652256.56
4220362.55 2.23289
652276.56 4220362.55 2.34419 652296.56
4220362.55 2.46356
652316.56 4220362.55 2.59155 652336.56
4220362.55 2.72863
652356.56 4220362.55 2.87528 652376.56
4220362.55 3.03201
652396.56 4220362.55 3.19908 652416.56
4220362.55 3.37739
652436.56 4220362.55 3.56653 652456.56
4220362.55 3.76582
652476.56 4220362.55 3.97471 652096.56
4220382.55 1.56597
652116.56 4220382.55 1.63026 652136.56
4220382.55 1.69870
652156.56 4220382.55 1.77178 652176.56
4220382.55 1.84978
652196.56 4220382.55 1.93295 652216.56
4220382.55 2.02186
652236.56 4220382.55 2.11680 652256.56
4220382.55 2.21827
652276.56 4220382.55 2.32664 652296.56
4220382.55 2.44225
652316.56 4220382.55 2.56542 652336.56
4220382.55 2.69676
652356.56 4220382.55 2.83630 652376.56
4220382.55 2.98425
652396.56 4220382.55 3.14054 652416.56
4220382.55 3.30599
652436.56 4220382.55 3.47953 652456.56
4220382.55 3.66012
652476.56 4220382.55 3.84639 652096.56
4220402.55 1.56059
652116.56 4220402.55 1.62429 652136.56
4220402.55 1.69205
652156.56 4220402.55 1.76419 652176.56
4220402.55 1.84106
652196.56 4220402.55 1.92282 652216.56

4220402.55 2.00983
  652236.56 4220402.55 2.10239 652256.56
4220402.55 2.20091
  652276.56 4220402.55 2.30561 652296.56
4220402.55 2.41672
  652316.56 4220402.55 2.53459 652336.56
4220402.55 2.65932
  652356.56 4220402.55 2.79088 652376.56
4220402.55 2.92917
  652396.56 4220402.55 3.07404 652416.56
4220402.55 3.22572
  652436.56 4220402.55 3.38282 652456.56
4220402.55 3.54427
  652476.56 4220402.55 3.70862 652096.56
4220422.55 1.55492
  652116.56 4220422.55 1.61787 652136.56
4220422.55 1.68472
  652156.56 4220422.55 1.75573 652176.56
4220422.55 1.83108
  652196.56 4220422.55 1.91092 652216.56
4220422.55 1.99566
  652236.56 4220422.55 2.08541 652256.56
4220422.55 2.18050
  652276.56 4220422.55 2.28102 652296.56
4220422.55 2.38724

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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
652316.56	4220422.55	2.49897	652336.56	4220422.55	2.61627
652356.56	4220422.55	2.73901	652376.56		

```
4220422.55        2.86691
         652396.56    4220422.55        2.99984                    652416.56
4220422.55        3.13744
         652436.56    4220422.55        3.27783                    652456.56
4220422.55        3.42037
         652476.56    4220422.55        3.56294                    652096.56
4220442.55        1.54877
         652116.56    4220442.55        1.61080                    652136.56
4220442.55        1.67643
         652156.56    4220442.55        1.74586                    652176.56
4220442.55        1.81935
         652196.56    4220442.55        1.89700                    652216.56
4220442.55        1.97901
         652236.56    4220442.55        2.06554                    652256.56
4220442.55        2.15671
         652276.56    4220442.55        2.25253                    652296.56
4220442.55        2.35302
         652316.56    4220442.55        2.45805                    652336.56
4220442.55        2.56741
         652356.56    4220442.55        2.68109                    652376.56
4220442.55        2.79809
         652396.56    4220442.55        2.91889                    652416.56
4220442.55        3.04184
         652436.56    4220442.55        3.16622                    652456.56
4220442.55        3.29060
         652476.56    4220442.55        3.41335                    652096.56
4220462.55        1.54177
         652116.56    4220462.55        1.60248                    652136.56
4220462.55        1.66665
         652156.56    4220462.55        1.73432                    652176.56
4220462.55        1.80569
         652196.56    4220462.55        1.88080                    652216.56
4220462.55        1.95973
         652236.56    4220462.55        2.04248                    652256.56
4220462.55        2.12922
         652276.56    4220462.55        2.21987                    652296.56
4220462.55        2.31418
         652316.56    4220462.55        2.41205                    652336.56
4220462.55        2.51329
         652356.56    4220462.55        2.61723                    652376.56
4220462.55        2.72360
         652396.56    4220462.55        2.83197                    652416.56
4220462.55        2.94115
         652436.56    4220462.55        3.05006                    652456.56
4220462.55        3.15718
         652476.56    4220462.55        3.26128                    652096.56
4220482.55        1.53354
         652116.56    4220482.55        1.59295                    652136.56
4220482.55        1.65537
         652156.56    4220482.55        1.72097                    652176.56
```

4220482.55   1.78988
         652196.56   4220482.55   1.86198   652216.56
4220482.55   1.93738
         652236.56   4220482.55   2.01611   652256.56
4220482.55   2.09808
         652276.56   4220482.55   2.18305   652296.56
4220482.55   2.27100
         652316.56   4220482.55   2.36156   652336.56
4220482.55   2.45424
         652356.56   4220482.55   2.54863   652376.56
4220482.55   2.64418
         652396.56   4220482.55   2.74057   652416.56
4220482.55   2.83635
         652436.56   4220482.55   2.93053   652456.56
4220482.55   3.02209
         652476.56   4220482.55   3.10915   652216.56
4220502.55   1.91205
         652236.56   4220502.55   1.98630   652256.56
4220502.55   2.06306
         652276.56   4220502.55   2.14229   652296.56
4220502.55   2.22355
         652316.56   4220502.55   2.30644   652336.56
4220502.55   2.39076
         652356.56   4220502.55   2.47576   652376.56
4220502.55   2.56115
         652396.56   4220502.55   2.64587   652416.56
4220502.55   2.72911

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_IDLE   ***
                                    INCLUDING SOURCE(S):   M_IDLE   ,

                                              *** 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
 -
- -
         652436.56   4220502.55   2.80983   652456.56

4220502.55 2.88677
 652476.56 4220502.55 2.95850 652396.56 4220522.55 2.54899
 652416.56 4220522.55 2.62077 652436.56 4220522.55 2.68904
 652456.56 4220522.55 2.75276 652476.56 4220522.55 2.81080

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 ,
L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 ,
L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 ,
L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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
652763.96	4219991.30	78.88633	652783.96	4219991.30	82.47185
652803.96	4219991.30	91.05195	652823.96	4219991.30	106.06348
652843.96	4219991.30	131.08201	652763.96	4220011.30	87.02196
652783.96	4220011.30	92.55337	652803.96	4220011.30	104.93185
652823.96	4220011.30	127.30278	652843.96	4220011.30	169.56356
652763.96	4220031.30	94.53395	652783.96	4220031.30	101.71799
652803.96	4220031.30	117.56568	652823.96	4220031.30	146.78944

652843.96 4220031.30 203.19165 652763.96
4220051.30 101.19272
652783.96 4220051.30 108.99166 652803.96
4220051.30 126.65699
652823.96 4220051.30 158.26255 652843.96
4220051.30 212.99238
652763.96 4220071.30 107.05679 652783.96
4220071.30 114.60627
652803.96 4220071.30 132.32972 652823.96
4220071.30 162.12281
652763.96 4220091.30 112.55920 652783.96
4220091.30 119.47372
652803.96 4220091.30 136.44839 652823.96
4220091.30 162.31681
652843.96 4220091.30 200.49287 652763.96
4220111.30 118.65996
652783.96 4220111.30 125.89776 652803.96
4220111.30 142.91339
652823.96 4220111.30 163.87982 652843.96
4220111.30 190.70286
652783.96 4220131.30 145.79632 652803.96
4220131.30 164.96011
652823.96 4220131.30 179.94693 653217.50
4220029.01 103.83893
653237.50 4220029.01 85.59173 653257.50
4220029.01 69.50731
653277.50 4220029.01 57.91863 653297.50
4220029.01 49.43752
653217.50 4220049.01 83.30895 653237.50
4220049.01 71.73231
653257.50 4220049.01 61.58452 653277.50
4220049.01 53.17313
653297.50 4220049.01 46.38907 653217.50
4220069.01 69.86064
653237.50 4220069.01 61.28328 653257.50
4220069.01 54.04375
653277.50 4220069.01 47.85217 653297.50
4220069.01 42.59924
653091.77 4220073.80 205.49800 653107.01
4220074.09 175.50210
653127.01 4220074.09 143.68126 653147.01
4220074.09 118.82031
653167.01 4220074.09 99.07899 653187.01
4220074.09 83.57136
653207.01 4220074.09 72.00995 653226.41
4220070.49 65.08907
653246.41 4220070.49 57.33473 653266.41
4220070.49 50.71111
653286.41 4220070.49 45.06574 653306.41
4220070.49 40.27046

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         653092.17    4220089.40      157.89850                       653107.41
4220089.69      138.28575
         653127.41    4220089.69      116.42256                       653147.41
4220089.69       98.53794
         653167.41    4220089.69       83.94385                       653187.41
4220089.69       72.32637
         653207.41    4220089.69       63.29772                       653226.41
4220090.49       56.09563
         653246.41    4220090.49       50.15129                       653266.41
4220090.49       45.05119
         653286.41    4220090.49       40.63140                       653306.41
4220090.49       36.79590
         653092.17    4220109.40      113.16635                       653107.41
4220109.69      102.01846
         653127.41    4220109.69       89.27916                       653147.41
4220109.69       78.04390
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                   L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                   L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                   L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                      *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         653167.41    4220109.69       68.43277                       653187.41
4220109.69       60.46769
         653207.41    4220109.69       53.94392                       653226.41
4220110.49       48.49809
         653246.41    4220110.49       43.92754                       653266.41
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4220110.49       39.96979
         653286.41    4220110.49       36.47953                  653306.41
4220110.49       33.39536
         653092.88    4220123.48       92.03398                  653108.12
4220123.76       83.80481
         653128.12    4220123.76       74.59255                  653148.12
4220123.76       66.41437
         653168.12    4220123.76       59.27929                  653188.12
4220123.76       53.19853
         653208.12    4220123.76       48.05728                  653227.12
4220124.56       43.62972
         653247.12    4220124.56       39.86472                  653267.12
4220124.56       36.57118
         653287.12    4220124.56       33.63170                  653307.12
4220124.56       31.00383
         652875.28    4219709.68       22.91319                  652895.28
4219709.68       23.66967
         652915.28    4219709.68       24.49647                  652935.28
4219709.68       25.40842
         652955.28    4219709.68       26.38150                  652975.28
4219709.68       27.36273
         652995.28    4219709.68       28.26468                  653015.28
4219709.68       29.01085
         652875.28    4219729.68       25.10225                  652895.28
4219729.68       25.98011
         652915.28    4219729.68       26.94519                  652935.28
4219729.68       28.02275
         652955.28    4219729.68       29.17797                  652975.28
4219729.68       30.32501
         652995.28    4219729.68       31.34828                  653015.28
4219729.68       32.15585
         652875.28    4219749.68       27.61569                  652895.28
4219749.68       28.63513
         652915.28    4219749.68       29.78332                  652935.28
4219749.68       31.07933
         652955.28    4219749.68       32.46503                  652975.28
4219749.68       33.81373
         652995.28    4219749.68       34.97606                  653015.28
4219749.68       35.84162
         652875.28    4219769.68       30.51209                  652895.28
4219769.68       31.72464
         652915.28    4219769.68       33.11169                  652935.28
4219769.68       34.69137
         652955.28    4219769.68       36.37179                  652975.28
4219769.68       37.96986
         652995.28    4219769.68       39.28782                  653015.28
4219769.68       40.19829
         652875.28    4219789.68       33.88175                  652895.28
4219789.68       35.35372
         652915.28    4219789.68       37.06079                  652935.28
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4219789.68       39.01697
         652955.28    4219789.68       41.07917                       652975.28
4219789.68       42.98344
         652995.28    4219789.68       44.46906                       653015.28
4219789.68       45.40427
         652875.28    4219809.68       37.84570                       652895.28
4219809.68       39.67401
         652915.28    4219809.68       41.81566                       652935.28
4219809.68       44.27897
         652955.28    4219809.68       46.84219                       652975.28
4219809.68       49.11983
         652995.28    4219809.68       50.77561                       653015.28
4219809.68       51.69646
         652875.28    4219829.68       42.57129                       652895.28
4219829.68       44.89909
         652915.28    4219829.68       47.64425                       652935.28
4219829.68       50.80356
         652955.28    4219829.68       54.02798                       652975.28
4219829.68       56.75509
         652995.28    4219829.68       58.56301                       653015.28
4219829.68       59.40186
         652875.28    4219849.68       48.29647                       652895.28
4219849.68       51.34223
         652915.28    4219849.68       54.94493                       652935.28
4219849.68       59.07907
  *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                   L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                   L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                   L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                *** 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
652955.28	4219849.68	63.18451	652975.28	4219849.68	66.43478
652995.28	4219849.68	68.33322	653015.28	4219849.68	68.97873
653396.88	4219710.60	19.33250	653416.88	4219710.60	18.49949
653436.88	4219710.60	17.69357	653456.88	4219710.60	16.91455
653476.88	4219710.60	16.16234	653496.88	4219710.60	15.43748
653516.88	4219710.60	14.74044	653396.88	4219730.60	20.31589
653416.88	4219730.60	19.37083	653436.88	4219730.60	18.46083
653456.88	4219730.60	17.58595	653476.88	4219730.60	16.74623
653496.88	4219730.60	15.94235	653516.88	4219730.60	15.17463
653396.88	4219750.60	21.31917	653416.88	4219750.60	20.24732
653436.88	4219750.60	19.22130	653456.88	4219750.60	18.24140
653476.88	4219750.60	17.30755	653496.88	4219750.60	16.42029
653516.88	4219750.60	15.57983	653396.88	4219770.60	22.32964
653416.88	4219770.60	21.11552	653436.88	4219770.60	19.96191
653456.88	4219770.60	18.86858	653476.88	4219770.60	17.83570
653496.88	4219770.60	16.86281	653516.88	4219770.60	15.94916
653476.88	4219790.60	18.32029	653496.88	4219790.60	17.26155
653516.88	4219790.60	16.27652	653476.88	4219810.60	18.75082
653496.88	4219810.60	17.60937	653516.88	4219810.60	16.55687
653476.88	4219830.60	19.11934	653496.88	4219830.60	17.90079
653516.88	4219830.60	16.78761	653476.88	4219850.60	19.41973
653496.88	4219850.60	18.13357	653516.88	4219850.60	16.96864
653476.88	4219870.60	19.65115	653496.88	4219870.60	18.30942

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         653516.88    4219870.60       17.10363                       653476.88
4219890.60       19.81819
         653496.88    4219890.60       18.43465                       653516.88
4219890.60       17.19873
         652096.56    4220162.55        6.10756                       652116.56
4220162.55        6.36426
         652136.56    4220162.55        6.63910                       652156.56
4220162.55        6.93372
         652176.56    4220162.55        7.24980                       652196.56
4220162.55        7.59010
         652216.56    4220162.55        7.95720                       652236.56
4220162.55        8.35386
         652256.56    4220162.55        8.78333                       652276.56
4220162.55        9.24954
         652296.56    4220162.55        9.75724                       652316.56
4220162.55       10.31117
         652336.56    4220162.55       10.91736                       652356.56
4220162.55       11.58257
         652376.56    4220162.55       12.31489                       652396.56
4220162.55       13.12505
         652416.56    4220162.55       14.02195                       652436.56
4220162.55       15.01947
         652456.56    4220162.55       16.13709                       652096.56
4220182.55        6.12460
         652116.56    4220182.55        6.38177                       652136.56
4220182.55        6.65697
         652156.56    4220182.55        6.95212                       652176.56
4220182.55        7.26903
         652196.56    4220182.55        7.60970                       652216.56
4220182.55        7.97680
         652236.56    4220182.55        8.37335                       652256.56
4220182.55        8.80299
         652276.56    4220182.55        9.26913                       652296.56
4220182.55        9.77625
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                   L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                   L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
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L0001807 , L0001808 , L0001809 , L0001810 , L0001811
, L0001812 , L0001813 , . . . ,

*** 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
652316.56	4220182.55	10.32932	652336.56	4220182.55	10.93380
652356.56	4220182.55	11.59732	652376.56	4220182.55	12.32706
652396.56	4220182.55	13.13151	652416.56	4220182.55	14.02265
652436.56	4220182.55	15.01112	652456.56	4220182.55	16.11948
652476.56	4220182.55	17.37089	652096.56	4220202.55	6.13572
652116.56	4220202.55	6.39287	652136.56	4220202.55	6.66817
652156.56	4220202.55	6.96296	652176.56	4220202.55	7.27994
652196.56	4220202.55	7.62044	652216.56	4220202.55	7.98753
652236.56	4220202.55	8.38390	652256.56	4220202.55	8.81264
652276.56	4220202.55	9.27768	652296.56	4220202.55	9.78314
652316.56	4220202.55	10.33415	652336.56	4220202.55	10.93595
652356.56	4220202.55	11.59544	652376.56	4220202.55	12.32044
652396.56	4220202.55	13.11871	652416.56	4220202.55	14.00119
652436.56	4220202.55	14.97998	652456.56	4220202.55	16.07389
652476.56	4220202.55	17.30688	652096.56	4220222.55	6.14142
652116.56	4220222.55	6.39840	652136.56	4220222.55	6.67346
652156.56	4220222.55	6.96793	652176.56	4220222.55	7.28443
652196.56	4220222.55	7.62396	652216.56	4220222.55	7.98995
652236.56	4220222.55	8.38506	652256.56		

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4220222.55        8.81235
         652276.56    4220222.55        9.27559                       652296.56
4220222.55        9.77912
         652316.56    4220222.55       10.32713                       652336.56
4220222.55       10.92521
         652356.56    4220222.55       11.57985                       652376.56
4220222.55       12.29810
         652396.56    4220222.55       13.08848                       652416.56
4220222.55       13.96151
         652436.56    4220222.55       14.92665                       652456.56
4220222.55       16.00653
         652476.56    4220222.55       17.21915                       652096.56
4220242.55        6.14297
         652116.56    4220242.55        6.39945                       652136.56
4220242.55        6.67389
         652156.56    4220242.55        6.96771                       652176.56
4220242.55        7.28285
         652196.56    4220242.55        7.62169                       652216.56
4220242.55        7.98646
         652236.56    4220242.55        8.38002                       652256.56
4220242.55        8.80540
         652276.56    4220242.55        9.26614                       652296.56
4220242.55        9.76627
         652316.56    4220242.55       10.31038                       652336.56
4220242.55       10.90374
         652356.56    4220242.55       11.55282                       652376.56
4220242.55       12.26355
         652396.56    4220242.55       13.04439                       652416.56
4220242.55       13.90469
         652436.56    4220242.55       14.85383                       652456.56
4220242.55       15.91654
         652476.56    4220242.55       17.10114                       652096.56
4220262.55        6.14042
         652116.56    4220262.55        6.39620                       652136.56
4220262.55        6.66974
         652156.56    4220262.55        6.96252                       652176.56
4220262.55        7.27675
         652196.56    4220262.55        7.61423                       652216.56
4220262.55        7.97726
         652236.56    4220262.55        8.36877                       652256.56
4220262.55        8.79164
         652276.56    4220262.55        9.24933                       652296.56
4220262.55        9.74569
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***      15:56:29

                                  PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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
652316.56	4220262.55	10.28519	652336.56	4220262.55	10.87272
652356.56	4220262.55	11.51399	652376.56	4220262.55	12.21560
652396.56	4220262.55	12.98506	652416.56	4220262.55	13.83095
652436.56	4220262.55	14.76400	652456.56	4220262.55	15.80251
652476.56	4220262.55	16.95612	652096.56	4220282.55	6.13474
652116.56	4220282.55	6.38972	652136.56	4220282.55	6.66218
652156.56	4220282.55	6.95364	652176.56	4220282.55	7.26660
652196.56	4220282.55	7.60231	652216.56	4220282.55	7.96343
652236.56	4220282.55	8.35243	652256.56	4220282.55	8.77237
652276.56	4220282.55	9.22638	652296.56	4220282.55	9.71825
652316.56	4220282.55	10.25208	652336.56	4220282.55	10.83261
652356.56	4220282.55	11.46536	652376.56	4220282.55	12.15622
652396.56	4220282.55	12.91220	652416.56	4220282.55	13.74109
652436.56	4220282.55	14.65390	652456.56	4220282.55	15.66629

652476.56 4220282.55 16.78553 652096.56 4220302.55 6.12603
652116.56 4220302.55 6.38018 652136.56 4220302.55 6.65166
652156.56 4220302.55 6.94183 652176.56 4220302.55 7.25319
652196.56 4220302.55 7.58697 652216.56 4220302.55 7.94569
652236.56 4220302.55 8.33156 652256.56 4220302.55 8.74765
652276.56 4220302.55 9.19723 652296.56 4220302.55 9.68360
652316.56 4220302.55 10.21079 652336.56 4220302.55 10.78325
652356.56 4220302.55 11.40571 652376.56 4220302.55 12.08377
652396.56 4220302.55 12.82465 652416.56 4220302.55 13.63195
652436.56 4220302.55 14.52127 652456.56 4220302.55 15.50020
652476.56 4220302.55 16.57633 652096.56 4220322.55 6.11523
652116.56 4220322.55 6.36828 652136.56 4220322.55 6.63822
652156.56 4220322.55 6.92703 652176.56 4220322.55 7.23636
652196.56 4220322.55 7.56789 652216.56 4220322.55 7.92354
652236.56 4220322.55 8.30620 652256.56 4220322.55 8.71829
652276.56 4220322.55 9.16277 652296.56 4220322.55 9.64301
652316.56 4220322.55 10.16241 652336.56 4220322.55 10.72498
652356.56 4220322.55 11.33521 652376.56 4220322.55 11.99796
652396.56 4220322.55 12.71879 652416.56 4220322.55 13.50509
652436.56 4220322.55 14.36726 652456.56 4220322.55 15.30752
652476.56 4220322.55 16.33728 652096.56 4220342.55 6.10239
652116.56 4220342.55 6.35395 652136.56 4220342.55 6.62270
652156.56 4220342.55 6.90961 652176.56 4220342.55 7.21654
652196.56 4220342.55 7.54505 652216.56 4220342.55 7.89756
652236.56 4220342.55 8.27624 652256.56 4220342.55 8.68344

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001786 , L0001787
, L0001788 , L0001789 , L0001790 ,
L0001791 , L0001792 , L0001793 , L0001794 , L0001795
, L0001796 , L0001797 , L0001798 ,
L0001799 , L0001800 , L0001801 , L0001802 , L0001803
, L0001804 , L0001805 , L0001806 ,
L0001807 , L0001808 , L0001809 , L0001810 , L0001811
, L0001812 , L0001813 , . . . ,

*** 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
652316.56	4220342.55	10.10380	652336.56	4220342.55	10.65472
652356.56	4220342.55	11.25104	652376.56	4220342.55	11.89619
652396.56	4220342.55	12.59519	652416.56	4220342.55	13.35492
652436.56	4220342.55	14.18419	652456.56	4220342.55	15.08355
652476.56	4220342.55	16.06307	652096.56	4220362.55	6.08763
652116.56	4220362.55	6.33786	652136.56	4220362.55	6.60459
652156.56	4220362.55	6.88931	652176.56	4220362.55	7.19373
652196.56	4220362.55	7.51903	652216.56	4220362.55	7.86744
652236.56	4220362.55	8.24115	652256.56	4220362.55	8.64201
652276.56	4220362.55	9.07297	652296.56		

4220362.55 9.53648
652316.56 4220362.55 10.03539 652336.56
4220362.55 10.57276
652356.56 4220362.55 11.15195 652376.56
4220362.55 11.77667
652396.56 4220362.55 12.45082 652416.56
4220362.55 13.18200
652436.56 4220362.55 13.97316 652456.56
4220362.55 14.82869
652476.56 4220362.55 15.75370 652096.56
4220382.55 6.07138
652116.56 4220382.55 6.31962 652136.56
4220382.55 6.58395
652156.56 4220382.55 6.86601 652176.56
4220382.55 7.16724
652196.56 4220382.55 7.48857 652216.56
4220382.55 7.83240
652236.56 4220382.55 8.20015 652256.56
4220382.55 8.59425
652276.56 4220382.55 9.01666 652296.56
4220382.55 9.46961
652316.56 4220382.55 9.95527 652336.56
4220382.55 10.47741
652356.56 4220382.55 11.03780 652376.56
4220382.55 11.63969
652396.56 4220382.55 12.28574 652416.56
4220382.55 12.98408
652436.56 4220382.55 13.73566 652456.56
4220382.55 14.54270
652476.56 4220382.55 15.40891 652096.56
4220402.55 6.05271
652116.56 4220402.55 6.29886 652136.56
4220402.55 6.56060
652156.56 4220402.55 6.83946 652176.56
4220402.55 7.13684
652196.56 4220402.55 7.45359 652216.56
4220402.55 7.79155
652236.56 4220402.55 8.15236 652256.56
4220402.55 8.53809
652276.56 4220402.55 8.95037 652296.56
4220402.55 9.39088
652316.56 4220402.55 9.86232 652336.56
4220402.55 10.36657
652356.56 4220402.55 10.90581 652376.56
4220402.55 11.48240
652396.56 4220402.55 12.09921 652416.56
4220402.55 12.76210
652436.56 4220402.55 13.47055 652456.56
4220402.55 14.22683
652476.56 4220402.55 15.03432 652096.56

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4220422.55        6.03185
         652116.56    4220422.55        6.27523                       652136.56
4220422.55        6.53380
         652156.56    4220422.55        6.80889                       652176.56
4220422.55        7.10163
         652196.56    4220422.55        7.41272                       652216.56
4220422.55        7.74420
         652236.56    4220422.55        8.09703                       652256.56
4220422.55        8.47318
         652276.56    4220422.55        8.87372                       652296.56
4220422.55        9.30115
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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                                   PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                  L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                  L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                  L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652316.56    4220422.55        9.75592                       652336.56
4220422.55       10.24030
         652356.56    4220422.55       10.75634                       652376.56
4220422.55       11.30517
         652396.56    4220422.55       11.89066                       652416.56
4220422.55       12.51618
         652436.56    4220422.55       13.17884                       652456.56
4220422.55       13.88361
         652476.56    4220422.55       14.62919                       652096.56
4220442.55        6.00834
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652116.56 4220442.55 6.24846 652136.56
4220442.55 6.50335
652156.56 4220442.55 6.77377 652176.56
4220442.55 7.06105
652196.56 4220442.55 7.36571 652216.56
4220442.55 7.68927
652236.56 4220442.55 8.03294 652256.56
4220442.55 8.39818
652276.56 4220442.55 8.78605 652296.56
4220442.55 9.19758
652316.56 4220442.55 9.63449 652336.56
4220442.55 10.09753
652356.56 4220442.55 10.58912 652376.56
4220442.55 11.10846
652396.56 4220442.55 11.66152 652416.56
4220442.55 12.24553
652436.56 4220442.55 12.86359 652456.56
4220442.55 13.51621
652476.56 4220442.55 14.20487 652096.56
4220462.55 5.98164
652116.56 4220462.55 6.21800 652136.56
4220462.55 6.46831
652156.56 4220462.55 6.73331 652176.56
4220462.55 7.01414
652196.56 4220462.55 7.31157 652216.56
4220462.55 7.62653
652236.56 4220462.55 7.95976 652256.56
4220462.55 8.31254
652276.56 4220462.55 8.68605 652296.56
4220462.55 9.08097
652316.56 4220462.55 9.49805 652336.56
4220462.55 9.93877
652356.56 4220462.55 10.40321 652376.56
4220462.55 10.89307
652396.56 4220462.55 11.41086 652416.56
4220462.55 11.95597
652436.56 4220462.55 12.52886 652456.56
4220462.55 13.12938
652476.56 4220462.55 13.76064 652096.56
4220482.55 5.95104
652116.56 4220482.55 6.18328 652136.56
4220482.55 6.42839
652156.56 4220482.55 6.68730 652176.56
4220482.55 6.96114
652196.56 4220482.55 7.24992 652216.56
4220482.55 7.55479
652236.56 4220482.55 7.87657 652256.56
4220482.55 8.21615
652276.56 4220482.55 8.57394 652296.56
4220482.55 8.95086

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         652316.56    4220482.55        9.34744                       652336.56
4220482.55        9.76417
         652356.56    4220482.55       10.20138                       652376.56
4220482.55       10.66006
         652396.56    4220482.55       11.14283                       652416.56
4220482.55       11.64722
         652436.56    4220482.55       12.17440                       652456.56
4220482.55       12.72641
         652476.56    4220482.55       13.30219                       652216.56
4220502.55        7.47422
         652236.56    4220502.55        7.78333                       652256.56
4220502.55        8.10810
         652276.56    4220502.55        8.44934                       652296.56
4220502.55        8.80712
         652316.56    4220502.55        9.18174                       652336.56
4220502.55        9.57399
         652356.56    4220502.55        9.98347                       652376.56
4220502.55       10.41207
         652396.56    4220502.55       10.85837                       652416.56
4220502.55       11.32324
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                  L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                  L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                  L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         652436.56    4220502.55       11.80660                       652456.56
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4220502.55   12.30916
        652476.56   4220502.55   12.83200   652396.56
4220522.55   10.55986
        652416.56   4220522.55   10.98640   652436.56
4220522.55   11.42670
        652456.56   4220522.55   11.88197   652476.56
4220522.55   12.35249

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S):   L0001754   , L0001755   , L0001756   , L0001757   , L0001758   ,
L0001759   , L0001760   , L0001761   , L0001762   , L0001763   , L0001764   , L0001765   , L0001766   ,
L0001767   , L0001768   , L0001769   , L0001770   , L0001771   , L0001772   , L0001773   , L0001774   ,
L0001775   , L0001776   , L0001777   , L0001778   , L0001779   , L0001780   , L0001781   , . . .   ,

*** 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)
652763.96	4219991.30	186.14957	(21040407)	652783.96	4219991.30	165.97626	(21040407)
652803.96	4219991.30	157.14176	(18121418)	652823.96	4219991.30	165.93301	(22012817)
652843.96	4219991.30	219.77582	(21040407)	652763.96	4220011.30	201.67303	(21040407)
652783.96	4220011.30	179.11729	(21040407)	652803.96	4220011.30	170.43641	(19121302)
652823.96	4220011.30	174.84366	(19121302)	652843.96	4220011.30	237.63597	(22012817)
652763.96	4220031.30	219.70110	(21040407)	652783.96	4220031.30	194.69122	(21040407)
652803.96	4220031.30	186.69123	(19121302)	652823.96	4220031.30	188.83705	(19121302)

652843.96 4220031.30 254.72730 (21010309) 652763.96
4220051.30 240.63787 (21040407)
652783.96 4220051.30 213.57080 (21040407) 652803.96
4220051.30 206.29857 (19121302)
652823.96 4220051.30 209.22585 (21102908) 652843.96
4220051.30 270.96133 (21010309)
652763.96 4220071.30 266.06331 (21010309) 652783.96
4220071.30 237.28758 (21040407)
652803.96 4220071.30 230.26923 (19121302) 652823.96
4220071.30 235.85280 (21102908)
652763.96 4220091.30 301.35566 (21010309) 652783.96
4220091.30 268.37474 (21040407)
652803.96 4220091.30 261.69364 (21092207) 652823.96
4220091.30 270.92402 (19110608)
652843.96 4220091.30 316.09393 (21102908) 652763.96
4220111.30 346.70604 (21010309)
652783.96 4220111.30 321.48022 (21010309) 652803.96
4220111.30 319.50710 (21102908)
652823.96 4220111.30 316.74357 (21102908) 652843.96
4220111.30 350.87899 (21102908)
652783.96 4220131.30 430.93423 (21102908) 652803.96
4220131.30 421.50451 (21102908)
652823.96 4220131.30 407.41932 (21102908) 653217.50
4220029.01 70.74539 (19011902)
653237.50 4220029.01 67.99613 (19011902) 653257.50
4220029.01 65.10570 (19011902)
653277.50 4220029.01 62.15568 (19011902) 653297.50
4220029.01 59.21337 (19011902)
653217.50 4220049.01 73.15811 (19011902) 653237.50
4220049.01 69.13210 (19011902)
653257.50 4220049.01 65.40536 (19011308) 653277.50
4220049.01 62.39292 (19011308)
653297.50 4220049.01 59.45975 (19011308) 653217.50
4220069.01 73.73655 (19011308)
653237.50 4220069.01 69.64120 (19121919) 653257.50
4220069.01 66.65894 (19010723)
653277.50 4220069.01 63.86737 (19010723) 653297.50
4220069.01 61.18131 (19010723)
653091.77 4220073.80 107.85228 (19011208) 653107.01
4220074.09 104.63896 (19011902)
653127.01 4220074.09 99.10904 (19011902) 653147.01
4220074.09 92.88618 (19011902)
653167.01 4220074.09 86.47900 (19011902) 653187.01
4220074.09 81.06621 (19011308)
653207.01 4220074.09 76.31047 (19121919) 653226.41
4220070.49 71.91942 (19121919)
653246.41 4220070.49 68.53675 (19010723) 653266.41
4220070.49 65.62935 (19010723)
653286.41 4220070.49 62.82224 (19010723) 653306.41
4220070.49 60.14306 (19010723)

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        653092.17   4220089.40      116.83484  (19011902)               653107.41
4220089.69      110.32612  (19011902)
        653127.41   4220089.69      101.43894  (19121919)               653147.41
4220089.69       94.50982  (19121919)
        653167.41   4220089.69       88.48884  (19010723)               653187.41
4220089.69       83.63963  (19010723)
        653207.41   4220089.69       79.02331  (19010723)               653226.41
4220090.49       74.95902  (19010723)
        653246.41   4220090.49       70.88376  (19010723)               653266.41
4220090.49       67.11088  (19010723)
        653286.41   4220090.49       63.62560  (19010723)               653306.41
4220090.49       60.40731  (19010723)
        653092.17   4220109.40      124.08116  (19010723)               653107.41
4220109.69      116.93250  (19010723)
        653127.41   4220109.69      107.76949  (19010723)               653147.41
4220109.69       99.41616  (19010723)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                    PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                    INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                   L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                   L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
                   L0001775    , L0001776    , L0001777    , L0001778    , L0001779
, L0001780    , L0001781    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        653167.41   4220109.69       91.93450  (19010723)               653187.41
4220109.69       85.61753  (19110317)
        653207.41   4220109.69       80.03049  (19110317)               653226.41
4220110.49       75.25947  (19110317)
        653246.41   4220110.49       70.91965  (19100720)               653266.41
```

4220110.49 67.17841 (19100720)
653286.41 4220110.49 63.77158 (19100720) 653306.41
4220110.49 60.66580 (19100720)
653092.88 4220123.48 130.98100 (19110317) 653108.12
4220123.76 120.98222 (19110317)
653128.12 4220123.76 109.62170 (19110317) 653148.12
4220123.76 100.02858 (19110317)
653168.12 4220123.76 92.20880 (19100720) 653188.12
4220123.76 85.68489 (19100720)
653208.12 4220123.76 79.97988 (19100720) 653227.12
4220124.56 75.50651 (19111317)
653247.12 4220124.56 71.24288 (19111317) 653267.12
4220124.56 67.45117 (19010319)
653287.12 4220124.56 64.03502 (19010319) 653307.12
4220124.56 60.93896 (19010319)
652875.28 4219709.68 80.11710 (19122717) 652895.28
4219709.68 79.95900 (22011517)
652915.28 4219709.68 80.42654 (22011517) 652935.28
4219709.68 78.10649 (22011517)
652955.28 4219709.68 75.87909 (20021408) 652975.28
4219709.68 74.07528 (19013102)
652995.28 4219709.68 72.07170 (19013102) 653015.28
4219709.68 70.35377 (19011006)
652875.28 4219729.68 83.70674 (22022821) 652895.28
4219729.68 84.00296 (22011517)
652915.28 4219729.68 84.09797 (22011517) 652935.28
4219729.68 81.06420 (20021408)
652955.28 4219729.68 78.74928 (18010603) 652975.28
4219729.68 77.29869 (19013102)
652995.28 4219729.68 74.75253 (18011208) 653015.28
4219729.68 73.21471 (22010522)
652875.28 4219749.68 87.74244 (22022821) 652895.28
4219749.68 88.45030 (22011517)
652915.28 4219749.68 88.02048 (22011517) 652935.28
4219749.68 84.96561 (20021408)
652955.28 4219749.68 82.02100 (19013102) 652975.28
4219749.68 80.44121 (19013102)
652995.28 4219749.68 77.90193 (19011006) 653015.28
4219749.68 76.05648 (22010522)
652875.28 4219769.68 92.23178 (22022821) 652895.28
4219769.68 93.37416 (22011517)
652915.28 4219769.68 92.21314 (22011517) 652935.28
4219769.68 89.02009 (20021408)
652955.28 4219769.68 86.39958 (19013102) 652975.28
4219769.68 83.43657 (18011208)
652995.28 4219769.68 81.40010 (22010522) 653015.28
4219769.68 78.96109 (22010519)
652875.28 4219789.68 97.22691 (22022821) 652895.28
4219789.68 98.82156 (22011517)
652915.28 4219789.68 96.66275 (22011517) 652935.28

4219789.68   93.16597 (20021408)
        652955.28   4219789.68   90.77714 (19013102)   652975.28
4219789.68   87.32770 (19011006)
        652995.28   4219789.68   84.96490 (22010522)   653015.28
4219789.68   81.91428 (22010519)
        652875.28   4219809.68   102.87410 (22022821)   652895.28
4219809.68   104.89475 (22011517)
        652915.28   4219809.68   101.35632 (20021408)   652935.28
4219809.68   97.59656 (19013102)
        652955.28   4219809.68   94.97762 (19013102)   652975.28
4219809.68   91.79975 (19011006)
        652995.28   4219809.68   88.51601 (22010519)   653015.28
4219809.68   84.13256 (22010519)
        652875.28   4219829.68   109.57147 (22011517)   652895.28
4219829.68   111.66402 (22011517)
        652915.28   4219829.68   107.68503 (20021408)   652935.28
4219829.68   103.90086 (19013102)
        652955.28   4219829.68   99.43088 (19011006)   652975.28
4219829.68   96.26911 (22010522)
        652995.28   4219829.68   91.95360 (22010519)   653015.28
4219829.68   87.21755 (22012020)
        652875.28   4219849.68   117.95181 (22011517)   652895.28
4219849.68   119.20698 (22011517)
        652915.28   4219849.68   114.33828 (20021408)   652935.28
4219849.68   110.13431 (19013102)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                   INCLUDING SOURCE(S):   L0001754   , L0001755
, L0001756   , L0001757   , L0001758   ,
                  L0001759   , L0001760   , L0001761   , L0001762   , L0001763
, L0001764   , L0001765   , L0001766   ,
                  L0001767   , L0001768   , L0001769   , L0001770   , L0001771
, L0001772   , L0001773   , L0001774   ,
                  L0001775   , L0001776   , L0001777   , L0001778   , L0001779
, L0001780   , L0001781   , . . .   ,

                                                *** 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)
652955.28	4219849.68	105.48974	(19011006)	652975.28	4219849.68	100.70093	(22010519)
652995.28	4219849.68	94.92967	(22012020)	653015.28	4219849.68	89.30503	(22012020)
653396.88	4219710.60	39.34961	(18020522)	653416.88	4219710.60	38.50398	(18010719)
653436.88	4219710.60	38.00784	(18121721)	653456.88	4219710.60	37.59107	(18121721)
653476.88	4219710.60	36.97449	(18121721)	653496.88	4219710.60	36.17945	(18121721)
653516.88	4219710.60	35.22704	(18121721)	653396.88	4219730.60	40.13208	(18010719)
653416.88	4219730.60	39.71346	(18121721)	653436.88	4219730.60	39.16104	(18121721)
653456.88	4219730.60	38.39854	(18121721)	653476.88	4219730.60	37.45021	(18121721)
653496.88	4219730.60	36.39733	(18021802)	653516.88	4219730.60	35.71931	(18020519)
653396.88	4219750.60	41.51917	(18121721)	653416.88	4219750.60	40.81034	(18121721)
653436.88	4219750.60	39.88033	(18121721)	653456.88	4219750.60	38.75899	(18121721)
653476.88	4219750.60	37.74585	(18020519)	653496.88	4219750.60	37.21454	(18020519)
653516.88	4219750.60	36.52941	(18020519)	653396.88	4219770.60	42.53939	(18121721)
653416.88	4219770.60	41.41850	(18121721)	653436.88	4219770.60	40.16775	(18021802)
653456.88	4219770.60	39.45007	(18020519)	653476.88	4219770.60	38.74824	(18020519)
653496.88	4219770.60	37.88896	(18020519)	653516.88	4219770.60	36.89399	(18020519)
653476.88	4219790.60	39.25528	(18020519)	653496.88	4219790.60	38.06504	(18020519)
653516.88	4219790.60	36.76865	(18020519)	653476.88	4219810.60	39.20858	(18020519)
653496.88	4219810.60	37.70425	(18020519)	653516.88	4219810.60	36.14506	(19011903)
653476.88	4219830.60	38.57882	(18020519)	653496.88	4219830.60	37.34441	(19011903)
653516.88	4219830.60	36.10008	(19011903)	653476.88	4219850.60	38.48407	(19011903)
653496.88	4219850.60	37.61930	(19011005)	653516.88	4219850.60	36.79248	(19011005)
653476.88	4219870.60	39.29769	(19011005)	653496.88	4219870.60	38.24592	(19011005)

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        653516.88   4219870.60       37.13170  (19011005)                653476.88
4219890.60       39.60097  (19011005)
        653496.88   4219890.60       38.24985  (19011005)                653516.88
4219890.60       36.87078  (19011005)
        652096.56   4220162.55       36.01300  (19012904)                652116.56
4220162.55       37.05812  (19012904)
        652136.56   4220162.55       38.16318  (19012904)                652156.56
4220162.55       39.33354  (19012904)
        652176.56   4220162.55       40.57517  (19012904)                652196.56
4220162.55       41.89481  (19012904)
        652216.56   4220162.55       43.29999  (19012904)                652236.56
4220162.55       44.79928  (19012904)
        652256.56   4220162.55       46.40234  (19012904)                652276.56
4220162.55       48.13481  (22021024)
        652296.56   4220162.55       49.99668  (22021024)                652316.56
4220162.55       52.00158  (22021024)
        652336.56   4220162.55       54.21318  (18121118)                652356.56
4220162.55       56.64900  (18121118)
        652376.56   4220162.55       59.29789  (18121118)                652396.56
4220162.55       62.19756  (18121118)
        652416.56   4220162.55       65.36980  (18121118)                652436.56
4220162.55       68.85399  (18121118)
        652456.56   4220162.55       72.73538  (18121118)                652096.56
4220182.55       35.92477  (18121118)
        652116.56   4220182.55       37.00322  (18121118)                652136.56
4220182.55       38.14202  (18121118)
        652156.56   4220182.55       39.34641  (18121118)                652176.56
4220182.55       40.62410  (18121118)
        652196.56   4220182.55       41.97807  (18121118)                652216.56
4220182.55       43.41523  (18121118)
        652236.56   4220182.55       44.94554  (18121118)                652256.56
4220182.55       46.58062  (18121118)
        652276.56   4220182.55       48.32873  (18121118)                652296.56
4220182.55       50.20167  (18121118)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                    PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                    INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                   L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                   L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
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L0001775 , L0001776 , L0001777 , L0001778 , L0001779
, L0001780 , L0001781 , . . . ,

*** 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)
652316.56	4220182.55	52.21284	(18121118)	652336.56	4220182.55	54.37756	(18121118)
652356.56	4220182.55	56.71718	(18121118)	652376.56	4220182.55	59.28736	(18121706)
652396.56	4220182.55	62.10547	(18121706)	652416.56	4220182.55	65.18092	(18121706)
652436.56	4220182.55	68.53288	(18121706)	652456.56	4220182.55	72.33573	(19011803)
652476.56	4220182.55	76.62485	(19011803)	652096.56	4220202.55	35.94418	(18121118)
652116.56	4220202.55	36.97172	(18121118)	652136.56	4220202.55	38.05624	(18121118)
652156.56	4220202.55	39.20672	(18121706)	652176.56	4220202.55	40.45619	(18121706)
652196.56	4220202.55	41.77570	(18121706)	652216.56	4220202.55	43.17300	(18121706)
652236.56	4220202.55	44.65482	(18121706)	652256.56	4220202.55	46.22860	(18121706)
652276.56	4220202.55	47.95689	(19011803)	652296.56	4220202.55	49.81033	(19011803)
652316.56	4220202.55	51.79082	(19011803)	652336.56	4220202.55	53.91070	(19011803)
652356.56	4220202.55	56.18379	(19011803)	652376.56	4220202.55	58.66220	(19011018)
652396.56	4220202.55	61.51762	(19011018)	652416.56	4220202.55	64.60932	(19011018)
652436.56	4220202.55	67.96391	(19011018)	652456.56	4220202.55	71.63824	(19011018)
652476.56	4220202.55	75.70466	(19011018)	652096.56	4220222.55	35.68723	(19011803)
652116.56	4220222.55	36.72354	(19011803)	652136.56	4220222.55	37.81222	(19011803)
652156.56	4220222.55	38.95552	(19011803)	652176.56	4220222.55	40.15901	(19011803)
652196.56	4220222.55	41.42171	(19011803)	652216.56	4220222.55	42.75321	(19011803)
652236.56	4220222.55	44.21263	(18020102)	652256.56			

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4220222.55       45.80579  (19011018)
        652276.56   4220222.55       47.53736  (19011018)                652296.56
4220222.55       49.37669  (19011018)
        652316.56   4220222.55       51.32718  (19011018)                652336.56
4220222.55       53.41456  (20022803)
        652356.56   4220222.55       55.79723  (22011121)                652376.56
4220222.55       58.36562  (22011121)
        652396.56   4220222.55       61.10988  (22011121)                652416.56
4220222.55       64.04714  (22011121)
        652436.56   4220222.55       67.17529  (22011121)                652456.56
4220222.55       70.89019  (19120504)
        652476.56   4220222.55       74.98554  (19120504)                652096.56
4220242.55       35.43708  (18020102)
        652116.56   4220242.55       36.47105  (19021919)                652136.56
4220242.55       37.56477  (19021919)
        652156.56   4220242.55       38.70822  (19021919)                652176.56
4220242.55       39.90416  (19021919)
        652196.56   4220242.55       41.15538  (19021919)                652216.56
4220242.55       42.51153  (22011121)
        652236.56   4220242.55       44.05843  (22011121)                652256.56
4220242.55       45.68616  (22011121)
        652276.56   4220242.55       47.39901  (22011121)                652296.56
4220242.55       49.20112  (22011121)
        652316.56   4220242.55       51.09639  (22011121)                652336.56
4220242.55       53.10079  (18120722)
        652356.56   4220242.55       55.43394  (19120504)                652376.56
4220242.55       57.92636  (19120504)
        652396.56   4220242.55       60.55411  (19120504)                652416.56
4220242.55       63.35514  (18011701)
        652436.56   4220242.55       66.47517  (18011701)                652456.56
4220242.55       69.90830  (19012905)
        652476.56   4220242.55       73.67376  (19012905)                652096.56
4220262.55       35.24930  (19021919)
        652116.56   4220262.55       36.31124  (22011121)                652136.56
4220262.55       37.43600  (22011121)
        652156.56   4220262.55       38.60566  (22011121)                652176.56
4220262.55       39.82680  (22011121)
        652196.56   4220262.55       41.09613  (22011121)                652216.56
4220262.55       42.41657  (22011121)
        652236.56   4220262.55       43.82928  (18120722)                652256.56
4220262.55       45.39554  (19120504)
        652276.56   4220262.55       47.10019  (19120504)                652296.56
4220262.55       48.87815  (19120504)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0001754 , L0001755 , L0001756 , L0001757 , L0001758 , L0001759 , L0001760 , L0001761 , L0001762 , L0001763 , L0001764 , L0001765 , L0001766 , L0001767 , L0001768 , L0001769 , L0001770 , L0001771 , L0001772 , L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 , L0001779 , L0001780 , L0001781 , . . . ,

*** 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)
652316.56	4220262.55	50.72905	(19120504)	652336.56	4220262.55	52.65112	(19120504)
652356.56	4220262.55	54.80399	(18011701)	652376.56	4220262.55	57.15325	(18020402)
652396.56	4220262.55	59.64728	(18020402)	652416.56	4220262.55	62.54877	(22020920)
652436.56	4220262.55	65.89152	(22020920)	652456.56	4220262.55	69.41344	(22020920)
652476.56	4220262.55	73.05343	(22020920)	652096.56	4220282.55	35.24274	(22011121)
652116.56	4220282.55	36.21304	(22011121)	652136.56	4220282.55	37.25999	(18120722)
652156.56	4220282.55	38.37068	(18120722)	652176.56	4220282.55	39.60598	(19120504)
652196.56	4220282.55	40.89006	(19120504)	652216.56	4220282.55	42.21694	(19120504)
652236.56	4220282.55	43.58546	(19120504)	652256.56	4220282.55	44.99362	(19120504)
652276.56	4220282.55	46.53687	(18011701)	652296.56	4220282.55	48.28076	(18020402)
652316.56	4220282.55	50.08869	(18020402)	652336.56	4220282.55	52.00028	(22020920)
652356.56	4220282.55	54.42308	(22020920)	652376.56	4220282.55	56.92763	(22020920)
652396.56	4220282.55	59.49810	(22020920)	652416.56	4220282.55	62.11211	(22020920)
652436.56	4220282.55	64.99128	(18011703)	652456.56	4220282.55	68.26892	(18021001)

652476.56 4220282.55 71.88077 (18021001) 652096.56 4220302.55 35.09377 (19120504)
652116.56 4220302.55 36.09399 (19120504) 652136.56 4220302.55 37.12000 (19120504)
652156.56 4220302.55 38.16898 (19120504) 652176.56 4220302.55 39.24399 (19120504)
652196.56 4220302.55 40.40197 (18020402) 652216.56 4220302.55 41.74082 (18020402)
652236.56 4220302.55 43.10963 (18020402) 652256.56 4220302.55 44.50564 (18020402)
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652316.56 4220302.55 50.05183 (22020920) 652336.56 4220302.55 52.02985 (22020920)
652356.56 4220302.55 54.02690 (22020920) 652376.56 4220302.55 56.20421 (18011703)
652396.56 4220302.55 58.65304 (18011703) 652416.56 4220302.55 61.23005 (18021001)
652436.56 4220302.55 63.94610 (18021001) 652456.56 4220302.55 66.76857 (22021403)
652476.56 4220302.55 70.20719 (19012906) 652096.56 4220322.55 34.77279 (19120504)
652116.56 4220322.55 35.66952 (18020402) 652136.56 4220322.55 36.72441 (18020402)
652156.56 4220322.55 37.80055 (18020402) 652176.56 4220322.55 38.89518 (18020402)
652196.56 4220322.55 40.06817 (22020920) 652216.56 4220322.55 41.55477 (22020920)
652236.56 4220322.55 43.07693 (22020920) 652256.56 4220322.55 44.62585 (22020920)
652276.56 4220322.55 46.19248 (22020920) 652296.56 4220322.55 47.76535 (22020920)
652316.56 4220322.55 49.46573 (18011703) 652336.56 4220322.55 51.39930 (18011703)
652356.56 4220322.55 53.32075 (18021001) 652376.56 4220322.55 55.45532 (18021001)
652396.56 4220322.55 57.54288 (18021001) 652416.56 4220322.55 59.94458 (22021403)
652436.56 4220322.55 62.77882 (20120120) 652456.56 4220322.55 65.79668 (20120120)
652476.56 4220322.55 68.97893 (18032821) 652096.56 4220342.55 34.51109 (18020402)
652116.56 4220342.55 35.39729 (18020402) 652136.56 4220342.55 36.49940 (22020920)
652156.56 4220342.55 37.72698 (22020920) 652176.56 4220342.55 38.97471 (22020920)
652196.56 4220342.55 40.23527 (22020920) 652216.56 4220342.55 41.50531 (22020920)
652236.56 4220342.55 42.77465 (22020920) 652256.56 4220342.55 44.12900 (18011703)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0001754 , L0001755 , L0001756 , L0001757 , L0001758 , L0001759 , L0001760 , L0001761 , L0001762 , L0001763 , L0001764 , L0001765 , L0001766 , L0001767 , L0001768 , L0001769 , L0001770 , L0001771 , L0001772 , L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 , L0001779 , L0001780 , L0001781 , . . . ,

*** 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)
652316.56	4220342.55	48.88563	(18021001)	652336.56	4220342.55	50.58969	(18021001)
652356.56	4220342.55	52.32402	(22021403)	652376.56	4220342.55	54.37003	(18122406)
652396.56	4220342.55	56.75695	(20120120)	652416.56	4220342.55	59.17695	(20120120)
652436.56	4220342.55	61.72266	(18032821)	652456.56	4220342.55	64.92187	(21011723)
652476.56	4220342.55	68.29955	(21011723)	652096.56	4220362.55	34.52630	(22020920)
652116.56	4220362.55	35.56755	(22020920)	652136.56	4220362.55	36.61593	(22020920)
652156.56	4220362.55	37.66615	(22020920)	652176.56	4220362.55	38.71351	(22020920)
652196.56	4220362.55	39.80672	(18011703)	652216.56	4220362.55	41.10717	(18011703)
652236.56	4220362.55	42.39892	(18011703)	652256.56	4220362.55	43.67278	(22020822)
652276.56	4220362.55	45.08503	(22020822)	652296.56			

4220362.55 46.45561 (22020822)
652316.56 4220362.55 48.03104 (22021403) 652336.56
4220362.55 49.78871 (18122406)
652356.56 4220362.55 51.78798 (20120120) 652376.56
4220362.55 53.76898 (20120120)
652396.56 4220362.55 55.80776 (18032821) 652416.56
4220362.55 58.42070 (21011723)
652436.56 4220362.55 61.25501 (21011723) 652456.56
4220362.55 63.89243 (21011723)
652476.56 4220362.55 66.23604 (21011723) 652096.56
4220382.55 34.46587 (22020920)
652116.56 4220382.55 35.34121 (22020920) 652136.56
4220382.55 36.23392 (18011703)
652156.56 4220382.55 37.33322 (18011703) 652176.56
4220382.55 38.42435 (18011703)
652196.56 4220382.55 39.49300 (18011703) 652216.56
4220382.55 40.63088 (22020822)
652236.56 4220382.55 41.79422 (22020822) 652256.56
4220382.55 42.93294 (22021403)
652276.56 4220382.55 44.36250 (22021403) 652296.56
4220382.55 45.89873 (18122406)
652316.56 4220382.55 47.59850 (20120120) 652336.56
4220382.55 49.25565 (20120120)
652356.56 4220382.55 50.94860 (18011419) 652376.56
4220382.55 53.09078 (21011723)
652396.56 4220382.55 55.47911 (21011723) 652416.56
4220382.55 57.73540 (21011723)
652436.56 4220382.55 59.77322 (21011723) 652456.56
4220382.55 62.16942 (19120421)
652476.56 4220382.55 65.10346 (19120421) 652096.56
4220402.55 34.17799 (18011703)
652116.56 4220402.55 35.11109 (18011703) 652136.56
4220402.55 36.02654 (18011703)
652156.56 4220402.55 36.94505 (22020822) 652176.56
4220402.55 37.95050 (22020822)
652196.56 4220402.55 38.91870 (22020822) 652216.56
4220402.55 39.98805 (22021403)
652236.56 4220402.55 41.22510 (18122406) 652256.56
4220402.55 42.55435 (20120120)
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4220402.55 45.41905 (20120120)
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4220402.55 48.63106 (21011723)
652356.56 4220402.55 50.69829 (21011723) 652376.56
4220402.55 52.63805 (21011723)
652396.56 4220402.55 54.40028 (21011723) 652416.56
4220402.55 56.01558 (19120421)
652436.56 4220402.55 58.64339 (19120421) 652456.56
4220402.55 61.00397 (19120421)
652476.56 4220402.55 63.31609 (19120424) 652096.56

652116.56 4220442.55 34.20290 (22021403) 652136.56
4220442.55 35.11757 (22021403)
652156.56 4220442.55 36.12615 (18122406) 652176.56
4220442.55 37.14933 (20120120)
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4220442.55 39.29849 (18011419)
652236.56 4220442.55 40.43391 (18011419) 652256.56
4220442.55 41.58434 (21011723)
652276.56 4220442.55 43.17743 (21011723) 652296.56
4220442.55 44.68275 (21011723)
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4220442.55 47.30630 (21011723)
652356.56 4220442.55 48.64975 (19120421) 652376.56
4220442.55 50.59960 (19120421)
652396.56 4220442.55 52.37016 (19120421) 652416.56
4220442.55 53.91651 (22020922)
652436.56 4220442.55 56.33233 (18022821) 652456.56
4220442.55 58.95232 (18022821)
652476.56 4220442.55 61.20004 (18022821) 652096.56
4220462.55 33.11960 (18122406)
652116.56 4220462.55 34.00864 (18122406) 652136.56
4220462.55 34.91641 (20120120)
652156.56 4220462.55 35.87090 (20120120) 652176.56
4220462.55 36.81957 (18011419)
652196.56 4220462.55 37.81880 (18011419) 652216.56
4220462.55 38.76520 (18032821)
652236.56 4220462.55 40.16919 (21011723) 652256.56
4220462.55 41.51254 (21011723)
652276.56 4220462.55 42.75937 (21011723) 652296.56
4220462.55 43.88092 (21011723)
652316.56 4220462.55 44.84818 (21011723) 652336.56
4220462.55 46.52071 (19120421)
652356.56 4220462.55 48.15412 (19120421) 652376.56
4220462.55 49.58993 (19120421)
652396.56 4220462.55 51.19189 (21020205) 652416.56
4220462.55 53.46539 (18022821)
652436.56 4220462.55 55.70212 (18022821) 652456.56
4220462.55 57.58791 (18022821)
652476.56 4220462.55 60.37059 (19011821) 652096.56
4220482.55 32.93265 (20120120)
652116.56 4220482.55 33.77566 (20120120) 652136.56
4220482.55 34.63074 (18011419)
652156.56 4220482.55 35.51457 (18011419) 652176.56
4220482.55 36.33758 (18011419)
652196.56 4220482.55 37.54001 (21011723) 652216.56
4220482.55 38.74768 (21011723)
652236.56 4220482.55 39.87246 (21011723) 652256.56
4220482.55 40.89408 (21011723)
652276.56 4220482.55 41.78901 (21011723) 652296.56
4220482.55 42.98128 (19120421)

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        652316.56   4220482.55       44.50333  (19120421)                652336.56
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        652356.56   4220482.55       47.08798  (22020922)                652376.56
4220482.55       48.69523  (21020205)
        652396.56   4220482.55       50.84611  (18022821)                652416.56
4220482.55       52.75721  (18022821)
        652436.56   4220482.55       54.35118  (18022821)                652456.56
4220482.55       56.96470  (19011821)
        652476.56   4220482.55       59.31616  (19011821)                652216.56
4220502.55       38.27188  (21011723)
        652236.56   4220502.55       39.09860  (21011723)                652256.56
4220502.55       39.88316  (19120421)
        652276.56   4220502.55       41.29829  (19120421)                652296.56
4220502.55       42.58949  (19120421)
        652316.56   4220502.55       43.72562  (19120421)                652336.56
4220502.55       44.88801  (21020205)
        652356.56   4220502.55       46.56857  (18022821)                652376.56
4220502.55       48.45154  (18022821)
        652396.56   4220502.55       50.09297  (18022821)                652416.56
4220502.55       51.51120  (19011821)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:56:29

                                    PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                    INCLUDING SOURCE(S):     L0001754    , L0001755
, L0001756    , L0001757    , L0001758    ,
                   L0001759    , L0001760    , L0001761    , L0001762    , L0001763
, L0001764    , L0001765    , L0001766    ,
                   L0001767    , L0001768    , L0001769    , L0001770    , L0001771
, L0001772    , L0001773    , L0001774    ,
                   L0001775    , L0001776    , L0001777    , L0001778    , L0001779
, L0001780    , L0001781    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        652436.56   4220502.55       53.91227  (19011821)                652456.56
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4220502.55   55.98120 (19011821)
        652476.56   4220502.55   58.05863 (19011919)   652396.56
4220522.55   49.03319 (19011821)
        652416.56   4220522.55   51.17227 (19011821)   652436.56
4220522.55   53.00064 (19011821)
        652456.56   4220522.55   54.81103 (19011919)   652476.56
4220522.55   57.41806 (18020922)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_ONSITE ***

INCLUDING SOURCE(S):   L0001786   , L0001787   , L0001788   , L0001789   , L0001790   ,
L0001791   , L0001792   , L0001793   , L0001794   , L0001795   , L0001796   , L0001797   , L0001798   ,
L0001799   , L0001800   , L0001801   , L0001802   , L0001803   , L0001804   , L0001805   , L0001806   ,
L0001807   , L0001808   , L0001809   , L0001810   , L0001811   , L0001812   , L0001813   , . . .   ,

*** 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)
652763.96	4219991.30	388.01090	(21022208)	652783.96	4219991.30	450.98156	(21022208)
652803.96	4219991.30	531.69276	(20120220)	652823.96	4219991.30	663.53665	(21021008)
652843.96	4219991.30	794.39726	(18020708)	652763.96	4220011.30	375.72960	(18020322)
652783.96	4220011.30	440.49011	(18020424)	652803.96	4220011.30	535.22692	(18020424)
652823.96	4220011.30	688.50846	(21012917)	652843.96	4220011.30	964.55378	(21012917)
652763.96	4220031.30	350.15477	(19012421)	652783.96	4220031.30	400.66925	(22120721)
652803.96	4220031.30	472.89236	(22021124)	652823.96	4220031.30	569.84396	(19011018)

652843.96 4220031.30 720.32057 (22012517) 652763.96
4220051.30 319.00092 (19011018)
652783.96 4220051.30 359.98912 (22012517) 652803.96
4220051.30 414.90587 (22012517)
652823.96 4220051.30 460.24477 (22012517) 652843.96
4220051.30 496.87248 (18011106)
652763.96 4220071.30 289.13599 (19012905) 652783.96
4220071.30 317.34522 (22020920)
652803.96 4220071.30 348.11888 (18011106) 652823.96
4220071.30 370.76200 (18121905)
652763.96 4220091.30 262.64463 (18021001) 652783.96
4220091.30 281.43998 (18011106)
652803.96 4220091.30 300.09832 (18011704) 652823.96
4220091.30 310.34380 (19120421)
652843.96 4220091.30 320.74277 (20012519) 652763.96
4220111.30 237.03749 (18032821)
652783.96 4220111.30 252.40873 (18011704) 652803.96
4220111.30 261.79451 (19120421)
652823.96 4220111.30 270.14959 (18100818) 652843.96
4220111.30 278.25693 (21021808)
652783.96 4220131.30 226.85812 (19120421) 652803.96
4220131.30 234.38922 (19120424)
652823.96 4220131.30 241.85889 (19011821) 653217.50
4220029.01 207.63913 (19100720)
653237.50 4220029.01 191.30022 (19100720) 653257.50
4220029.01 176.87697 (19100720)
653277.50 4220029.01 164.34354 (19010319) 653297.50
4220029.01 153.28405 (19010319)
653217.50 4220049.01 209.82081 (19111317) 653237.50
4220049.01 193.08338 (19111317)
653257.50 4220049.01 178.56350 (19010319) 653277.50
4220049.01 165.75526 (19010319)
653297.50 4220049.01 154.39492 (19010319) 653217.50
4220069.01 212.59789 (20021522)
653237.50 4220069.01 194.32607 (19010217) 653257.50
4220069.01 179.44542 (20101621)
653277.50 4220069.01 166.39468 (20101621) 653297.50
4220069.01 154.78271 (20101621)
653091.77 4220073.80 436.76362 (20120117) 653107.01
4220074.09 391.33484 (20021923)
653127.01 4220074.09 344.79726 (20021219) 653147.01
4220074.09 303.82605 (20021219)
653167.01 4220074.09 271.17860 (20021522) 653187.01
4220074.09 246.23079 (20021522)
653207.01 4220074.09 224.34531 (20021522) 653226.41
4220070.49 204.67664 (20021522)
653246.41 4220070.49 187.48370 (20021522) 653266.41
4220070.49 173.31253 (20101621)
653286.41 4220070.49 161.01476 (20101621) 653306.41
4220070.49 150.04081 (20101621)

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        653092.17   4220089.40      435.76858  (20120117)               653107.41
4220089.69      395.48150  (20120117)
        653127.41   4220089.69      344.75454  (20120117)               653147.41
4220089.69      304.22918  (20122017)
        653167.41   4220089.69      275.22454  (20021219)               653187.41
4220089.69      248.82639  (20021219)
        653207.41   4220089.69      225.12956  (20021219)               653226.41
4220090.49      205.43805  (20021219)
        653246.41   4220090.49      187.93556  (20100321)               653266.41
4220090.49      174.15156  (20021522)
        653286.41   4220090.49      162.13419  (20021522)               653306.41
4220090.49      151.24465  (20021522)
        653092.17   4220109.40      425.83308  (19011017)               653107.41
4220109.69      386.71920  (19012818)
        653127.41   4220109.69      341.25092  (19012818)               653147.41
4220109.69      306.31054  (20120117)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  M_ONSITE ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                  L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                  L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                  L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        653167.41   4220109.69      275.62590  (20120117)               653187.41
4220109.69      248.44384  (20122017)
        653207.41   4220109.69      225.12313  (20122017)               653226.41
4220110.49      205.99237  (20021219)
        653246.41   4220110.49      190.85805  (20021219)               653266.41
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4220110.49 176.76856 (20021219)
653286.41 4220110.49 163.68718 (20021219) 653306.41
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653168.12 4220123.76 268.17645 (20120117) 653188.12
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4220124.56 174.30988 (20122017)
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4219729.68 165.52655 (18010420)
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4219729.68 159.81795 (22022821)
652875.28 4219749.68 178.59699 (21022818) 652895.28
4219749.68 174.63109 (21120319)
652915.28 4219749.68 176.35860 (22021819) 652935.28
4219749.68 174.50911 (21021102)
652955.28 4219749.68 177.32872 (19022506) 652975.28
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652995.28 4219749.68 172.39234 (19011807) 653015.28
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652915.28 4219769.68 190.34139 (22021819) 652935.28
4219769.68 188.02289 (21021102)
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4219769.68 189.73033 (18010420)
652995.28 4219769.68 185.15087 (19011807) 653015.28
4219769.68 183.34956 (22011517)
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4219789.68 206.98623 (21022818)
652915.28 4219789.68 205.64914 (22021819) 652935.28

4219789.68   203.10443 (21021102)
        652955.28   4219789.68   205.02449 (19022506)   652975.28
4219789.68   204.15722 (18010420)
        652995.28   4219789.68   199.47299 (19011807)   653015.28
4219789.68   197.61731 (22011517)
        652875.28   4219809.68   223.55045 (19121224)   652895.28
4219809.68   227.57288 (21022818)
        652915.28   4219809.68   222.32879 (22021819)   652935.28
4219809.68   220.84078 (19022807)
        652955.28   4219809.68   221.56646 (19022506)   652975.28
4219809.68   220.57919 (18010420)
        652995.28   4219809.68   215.73000 (19011807)   653015.28
4219809.68   213.47741 (22011517)
        652875.28   4219829.68   244.72538 (19121224)   652895.28
4219829.68   249.46415 (21022818)
        652915.28   4219829.68   240.93091 (21120319)   652935.28
4219829.68   241.61877 (19121301)
        652955.28   4219829.68   240.34367 (19022506)   652975.28
4219829.68   239.46854 (18010420)
        652995.28   4219829.68   234.43768 (19011807)   653015.28
4219829.68   231.34293 (22011517)
        652875.28   4219849.68   267.86493 (22120522)   652895.28
4219849.68   272.27548 (21022818)
        652915.28   4219849.68   271.22766 (21022818)   652935.28
4219849.68   266.57698 (22021819)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_ONSITE ***
                                  INCLUDING SOURCE(S):   L0001786   , L0001787
, L0001788   , L0001789   , L0001790   ,
                  L0001791   , L0001792   , L0001793   , L0001794   , L0001795
, L0001796   , L0001797   , L0001798   ,
                  L0001799   , L0001800   , L0001801   , L0001802   , L0001803
, L0001804   , L0001805   , L0001806   ,
                  L0001807   , L0001808   , L0001809   , L0001810   , L0001811
, L0001812   , L0001813   , . . .   ,

                                                *** 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)
652955.28	4219849.68	261.77080	(19022506)	652975.28	4219849.68	261.72668	(21020620)
652995.28	4219849.68	256.33326	(19011807)	653015.28	4219849.68	251.78344	(22011517)
653396.88	4219710.60	82.36237	(18010719)	653416.88	4219710.60	81.11259	(18121721)
653436.88	4219710.60	79.68553	(18121721)	653456.88	4219710.60	77.33980	(18121721)
653476.88	4219710.60	74.42634	(18021802)	653496.88	4219710.60	72.35744	(18020519)
653516.88	4219710.60	70.96865	(18020519)	653396.88	4219730.60	86.89493	(18121721)
653416.88	4219730.60	84.77407	(18121721)	653436.88	4219730.60	81.68467	(18121721)
653456.88	4219730.60	78.51696	(18020519)	653476.88	4219730.60	77.15719	(18020519)
653496.88	4219730.60	75.10291	(18020519)	653516.88	4219730.60	72.47360	(18020519)
653396.88	4219750.60	90.16334	(18121721)	653416.88	4219750.60	86.45703	(18021802)
653436.88	4219750.60	84.23556	(18020519)	653456.88	4219750.60	82.10133	(18020519)
653476.88	4219750.60	79.26052	(18020519)	653496.88	4219750.60	75.85955	(18020519)
653516.88	4219750.60	72.03950	(18020519)	653396.88	4219770.60	92.38158	(18020519)
653416.88	4219770.60	90.19394	(18020519)	653436.88	4219770.60	87.12877	(18020519)
653456.88	4219770.60	83.36771	(18020519)	653476.88	4219770.60	79.08612	(18020519)
653496.88	4219770.60	74.48079	(19011903)	653516.88	4219770.60	71.58343	(19011903)
653476.88	4219790.60	78.47596	(19011903)	653496.88	4219790.60	74.75337	(19011903)
653516.88	4219790.60	72.44679	(19011005)	653476.88	4219810.60	79.77193	(19011005)
653496.88	4219810.60	77.27470	(19011005)	653516.88	4219810.60	74.46844	(19011005)
653476.88	4219830.60	81.76003	(19011005)	653496.88	4219830.60	78.04259	(19011005)
653516.88	4219830.60	74.17661	(19011005)	653476.88	4219850.60	80.95748	(19011005)
653496.88	4219850.60	76.20628	(19011005)	653516.88	4219850.60	74.23784	(19011208)
653476.88	4219870.60	82.81188	(19011208)	653496.88	4219870.60	80.38318	(19011902)

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        653516.88   4219870.60       77.88713  (19011902)                653476.88
4219890.60       86.51553  (19011902)
        653496.88   4219890.60       83.02257  (19011902)                653516.88
4219890.60       79.51518  (19011902)
        652096.56   4220162.55       46.89992  (18020102)                652116.56
4220162.55       48.32143  (18020102)
        652136.56   4220162.55       49.87226  (19021919)                652156.56
4220162.55       51.53310  (19021919)
        652176.56   4220162.55       53.25149  (19021919)                652196.56
4220162.55       55.02728  (19021919)
        652216.56   4220162.55       56.85974  (19021919)                652236.56
4220162.55       58.74742  (19021919)
        652256.56   4220162.55       60.73750  (22011121)                652276.56
4220162.55       63.16699  (22011121)
        652296.56   4220162.55       65.67875  (22011121)                652316.56
4220162.55       68.26820  (22011121)
        652336.56   4220162.55       70.92857  (22011121)                652356.56
4220162.55       73.76751  (18120722)
        652376.56   4220162.55       76.85447  (18120722)                652396.56
4220162.55       80.18327  (19120504)
        652416.56   4220162.55       83.75842  (19120504)                652436.56
4220162.55       87.37742  (19120504)
        652456.56   4220162.55       91.02815  (19120504)                652096.56
4220182.55       46.66410  (19021919)
        652116.56   4220182.55       48.01345  (19021919)                652136.56
4220182.55       49.39478  (19021919)
        652156.56   4220182.55       50.98625  (22011121)                652176.56
4220182.55       52.78162  (22011121)
        652196.56   4220182.55       54.62654  (22011121)                652216.56
4220182.55       56.51777  (22011121)
        652236.56   4220182.55       58.45252  (22011121)                652256.56
4220182.55       60.45593  (18120722)
        652276.56   4220182.55       62.70577  (18120722)                652296.56
4220182.55       64.99764  (18120722)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                         ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***        15:56:29

                                   PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  M_ONSITE ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                   L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                   L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
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L0001807 , L0001808 , L0001809 , L0001810 , L0001811
, L0001812 , L0001813 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652316.56	4220182.55	67.54024	(19120504)	652336.56	4220182.55	70.19381	(19120504)
652356.56	4220182.55	72.87659	(19120504)	652376.56	4220182.55	75.56615	(19120504)
652396.56	4220182.55	78.48503	(18020402)	652416.56	4220182.55	81.92422	(18020402)
652436.56	4220182.55	85.33688	(18020402)	652456.56	4220182.55	89.19451	(22020920)
652476.56	4220182.55	94.10354	(22020920)	652096.56	4220202.55	46.41218	(21012220)
652116.56	4220202.55	47.84047	(21012220)	652136.56	4220202.55	49.29886	(22011121)
652156.56	4220202.55	50.78063	(22011121)	652176.56	4220202.55	52.46183	(18120722)
652196.56	4220202.55	54.18792	(18120722)	652216.56	4220202.55	55.95629	(19120504)
652236.56	4220202.55	57.96088	(19120504)	652256.56	4220202.55	59.98988	(19120504)
652276.56	4220202.55	62.03248	(19120504)	652296.56	4220202.55	64.07556	(19120504)
652316.56	4220202.55	66.18778	(18011701)	652336.56	4220202.55	68.82617	(18020402)
652356.56	4220202.55	71.47136	(18020402)	652376.56	4220202.55	74.08570	(18020402)
652396.56	4220202.55	77.35524	(22020920)	652416.56	4220202.55	81.16693	(22020920)
652436.56	4220202.55	84.92985	(22020920)	652456.56	4220202.55	88.59977	(22020920)
652476.56	4220202.55	92.15935	(18011703)	652096.56	4220222.55	46.10024	(18120722)
652116.56	4220222.55	47.45232	(18120722)	652136.56	4220222.55	48.90613	(19120504)
652156.56	4220222.55	50.48151	(19120504)	652176.56	4220222.55	52.07144	(19120504)
652196.56	4220222.55	53.66422	(19120504)	652216.56	4220222.55	55.25488	(19120504)
652236.56	4220222.55	56.87593	(18011701)	652256.56			

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4220222.55       58.89722  (18020402)
        652276.56   4220222.55       60.98740  (18020402)                652296.56
4220222.55       63.06037  (18020402)
        652316.56   4220222.55       65.09212  (18020402)                652336.56
4220222.55       67.98969  (22020920)
        652356.56   4220222.55       71.04699  (22020920)                652376.56
4220222.55       74.06274  (22020920)
        652396.56   4220222.55       76.99359  (22020920)                652416.56
4220222.55       79.79217  (22020920)
        652436.56   4220222.55       83.22801  (18011703)                652456.56
4220222.55       86.71687  (18011703)
        652476.56   4220222.55       90.11025  (22020822)                652096.56
4220242.55       45.77939  (19120504)
        652116.56   4220242.55       47.04805  (19120504)                652136.56
4220242.55       48.31205  (19120504)
        652156.56   4220242.55       49.58723  (18011701)                652176.56
4220242.55       51.16653  (18020402)
        652196.56   4220242.55       52.84983  (18020402)                652216.56
4220242.55       54.52075  (18020402)
        652236.56   4220242.55       56.16582  (18020402)                652256.56
4220242.55       57.90912  (22020920)
        652276.56   4220242.55       60.41228  (22020920)                652296.56
4220242.55       62.90467  (22020920)
        652316.56   4220242.55       65.35971  (22020920)                652336.56
4220242.55       67.74625  (22020920)
        652356.56   4220242.55       70.03084  (22020920)                652376.56
4220242.55       72.70601  (18011703)
        652396.56   4220242.55       75.60594  (18011703)                652416.56
4220242.55       78.31890  (18011703)
        652436.56   4220242.55       81.18884  (22020822)                652456.56
4220242.55       83.94040  (22020822)
        652476.56   4220242.55       87.36169  (19011906)                652096.56
4220262.55       45.00773  (18020402)
        652116.56   4220262.55       46.38538  (18020402)                652136.56
4220262.55       47.75516  (18020402)
        652156.56   4220262.55       49.10550  (18020402)                652176.56
4220262.55       50.42933  (18020402)
        652196.56   4220262.55       52.09676  (22020920)                652216.56
4220262.55       54.17185  (22020920)
        652236.56   4220262.55       56.23269  (22020920)                652256.56
4220262.55       58.25930  (22020920)
        652276.56   4220262.55       60.22858  (22020920)                652296.56
4220262.55       62.11417  (22020920)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_ONSITE ***
INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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)
652316.56	4220262.55	64.21278	(18011703)	652336.56	4220262.55	66.66115	(18011703)
652356.56	4220262.55	68.97515	(18011703)	652376.56	4220262.55	71.25229	(22020822)
652396.56	4220262.55	73.64805	(22020822)	652416.56	4220262.55	76.02900	(19011906)
652436.56	4220262.55	78.94840	(18122406)	652456.56	4220262.55	82.16154	(18122406)
652476.56	4220262.55	85.47925	(20120120)	652096.56	4220282.55	44.52279	(18020402)
652116.56	4220282.55	45.61834	(19012108)	652136.56	4220282.55	47.21510	(22020920)
652156.56	4220282.55	48.95528	(22020920)	652176.56	4220282.55	50.68190	(22020920)
652196.56	4220282.55	52.37573	(22020920)	652216.56	4220282.55	54.02045	(22020920)
652236.56	4220282.55	55.59621	(22020920)	652256.56	4220282.55	57.25449	(18011703)
652276.56	4220282.55	59.33940	(18011703)	652296.56	4220282.55	61.32414	(18011703)
652316.56	4220282.55	63.17406	(18011703)	652336.56	4220282.55	65.22569	(22020822)
652356.56	4220282.55	67.14126	(22020822)	652376.56	4220282.55	69.43621	(19011906)
652396.56	4220282.55	71.94642	(18122406)	652416.56	4220282.55	74.59648	(18122406)
652436.56	4220282.55	77.41845	(20120120)	652456.56	4220282.55	80.35686	(18011419)

652476.56 4220282.55 83.06832 (18011419) 652096.56 4220302.55 44.54404 (22020920)
652116.56 4220302.55 46.00451 (22020920) 652136.56 4220302.55 47.43598 (22020920)
652156.56 4220302.55 48.82353 (22020920) 652176.56 4220302.55 50.15559 (22020920)
652196.56 4220302.55 51.47304 (18011703) 652216.56 4220302.55 53.26393 (18011703)
652236.56 4220302.55 54.97627 (18011703) 652256.56 4220302.55 56.58548 (18011703)
652276.56 4220302.55 58.23695 (22020822) 652296.56 4220302.55 59.94760 (22020822)
652316.56 4220302.55 61.53325 (19011906) 652336.56 4220302.55 63.72578 (19011906)
652356.56 4220302.55 65.91977 (18122406) 652376.56 4220302.55 68.14247 (18122406)
652396.56 4220302.55 70.59198 (20120120) 652416.56 4220302.55 73.10797 (18011419)
652436.56 4220302.55 75.43506 (18011419) 652456.56 4220302.55 78.43194 (21011723)
652476.56 4220302.55 81.77753 (21011723) 652096.56 4220322.55 44.42215 (22020920)
652116.56 4220322.55 45.55689 (22020920) 652136.56 4220322.55 46.62780 (22020920)
652156.56 4220322.55 48.15679 (18011703) 652176.56 4220322.55 49.64845 (18011703)
652196.56 4220322.55 51.05835 (18011703) 652216.56 4220322.55 52.38169 (22020822)
652236.56 4220322.55 53.90784 (22020822) 652256.56 4220322.55 55.30102 (22020822)
652276.56 4220322.55 56.90742 (19011906) 652296.56 4220322.55 58.74615 (19011906)
652316.56 4220322.55 60.69101 (18122406) 652336.56 4220322.55 62.60882 (20120120)
652356.56 4220322.55 64.71602 (20120120) 652376.56 4220322.55 66.92768 (18011419)
652396.56 4220322.55 68.93757 (18011419) 652416.56 4220322.55 71.34552 (21011723)
652436.56 4220322.55 74.36243 (21011723) 652456.56 4220322.55 76.89822 (21011723)
652476.56 4220322.55 78.85432 (21011723) 652096.56 4220342.55 43.82125 (18011703)
652116.56 4220342.55 45.12518 (18011703) 652136.56 4220342.55 46.36705 (18011703)
652156.56 4220342.55 47.52665 (18011703) 652176.56 4220342.55 48.78773 (22020822)
652196.56 4220342.55 50.04745 (22020822) 652216.56 4220342.55 51.18308 (22020822)
652236.56 4220342.55 52.81826 (19011906) 652256.56 4220342.55 54.36781 (19011906)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_ONSITE ***
INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 ,
L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 ,
L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 ,
L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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)
652316.56	4220342.55	59.61424	(20120120)	652336.56	4220342.55	61.57005	(18011419)
652356.56	4220342.55	63.32916	(18011419)	652376.56	4220342.55	65.33085	(20121822)
652396.56	4220342.55	67.97323	(21011723)	652416.56	4220342.55	70.29677	(21011723)
652436.56	4220342.55	72.15644	(21011723)	652456.56	4220342.55	73.48205	(22012518)
652476.56	4220342.55	76.28879	(19120421)	652096.56	4220362.55	43.38243	(18011703)
652116.56	4220362.55	44.40860	(22020822)	652136.56	4220362.55	45.54957	(22020822)
652156.56	4220362.55	46.59237	(22020822)	652176.56	4220362.55	47.74624	(19011906)
652196.56	4220362.55	49.18555	(19011906)	652216.56	4220362.55	50.55655	(18122406)
652236.56	4220362.55	52.08225	(18122406)	652256.56	4220362.55	53.58444	(20120120)
652276.56	4220362.55	55.15313	(20120120)	652296.56			

4220362.55 56.89659 (18011419)
652316.56 4220362.55 58.43995 (18011419) 652336.56
4220362.55 60.15765 (20121822)
652356.56 4220362.55 62.44329 (21011723) 652376.56
4220362.55 64.57264 (21011723)
652396.56 4220362.55 66.30467 (21011723) 652416.56
4220362.55 67.57778 (21011723)
652436.56 4220362.55 69.38250 (19120421) 652456.56
4220362.55 72.09942 (19120421)
652476.56 4220362.55 74.20760 (19120421) 652096.56
4220382.55 42.62494 (22020822)
652116.56 4220382.55 43.48640 (22020822) 652136.56
4220382.55 44.70540 (19011906)
652156.56 4220382.55 45.93899 (19011906) 652176.56
4220382.55 47.19568 (18122406)
652196.56 4220382.55 48.50987 (18122406) 652216.56
4220382.55 49.86222 (20120120)
652236.56 4220382.55 51.22575 (20120120) 652256.56
4220382.55 52.79171 (18011419)
652276.56 4220382.55 54.15394 (18011419) 652296.56
4220382.55 55.63216 (20121822)
652316.56 4220382.55 57.60977 (21011723) 652336.56
4220382.55 59.56808 (21011723)
652356.56 4220382.55 61.19345 (21011723) 652376.56
4220382.55 62.42450 (21011723)
652396.56 4220382.55 63.46126 (22012518) 652416.56
4220382.55 65.95579 (19120421)
652436.56 4220382.55 68.11052 (19120421) 652456.56
4220382.55 69.93958 (22020922)
652476.56 4220382.55 71.72567 (21020205) 652096.56
4220402.55 41.96700 (19011906)
652116.56 4220402.55 43.02716 (19011906) 652136.56
4220402.55 44.18668 (18122406)
652156.56 4220402.55 45.32581 (18122406) 652176.56
4220402.55 46.55464 (20120120)
652196.56 4220402.55 47.77443 (18011419) 652216.56
4220402.55 49.16219 (18011419)
652236.56 4220402.55 50.36871 (18011419) 652256.56
4220402.55 51.64392 (20121822)
652276.56 4220402.55 53.35943 (21011723) 652296.56
4220402.55 55.15739 (21011723)
652316.56 4220402.55 56.67797 (21011723) 652336.56
4220402.55 57.86639 (21011723)
652356.56 4220402.55 58.75494 (22012518) 652376.56
4220402.55 60.52174 (19120421)
652396.56 4220402.55 62.65345 (19120421) 652416.56
4220402.55 64.32376 (19120421)
652436.56 4220402.55 65.99102 (22020922) 652456.56
4220402.55 67.84178 (21020205)
652476.56 4220402.55 70.56521 (18022821) 652096.56

4220422.55   41.48390 (18122406)
        652116.56   4220422.55   42.47356 (18122406)   652136.56
4220422.55   43.59683 (20120120)
        652156.56   4220422.55   44.69901 (18011419)   652176.56
4220422.55   45.93579 (18011419)
        652196.56   4220422.55   47.01043 (18011419)   652216.56
4220422.55   48.11289 (20121822)
        652236.56   4220422.55   49.59949 (21011723)   652256.56
4220422.55   51.25640 (21011723)
        652276.56   4220422.55   52.67571 (21011723)   652296.56
4220422.55   53.81583 (21011723)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_ONSITE ***
                                    INCLUDING SOURCE(S):   L0001786   , L0001787
, L0001788   , L0001789   , L0001790   ,
                   L0001791   , L0001792   , L0001793   , L0001794   , L0001795
, L0001796   , L0001797   , L0001798   ,
                   L0001799   , L0001800   , L0001801   , L0001802   , L0001803
, L0001804   , L0001805   , L0001806   ,
                   L0001807   , L0001808   , L0001809   , L0001810   , L0001811
, L0001812   , L0001813   , . . .   ,

                                                *** 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)
 -
- -
        652316.56   4220422.55   54.62706 (21011723)   652336.56
4220422.55   55.70196 (19120421)
        652356.56   4220422.55   57.78847 (19120421)   652376.56
4220422.55   59.48894 (19120421)
        652396.56   4220422.55   60.96252 (22020922)   652416.56
4220422.55   62.28200 (22020922)
        652436.56   4220422.55   64.21132 (18022821)   652456.56
4220422.55   66.90561 (18022821)
        652476.56   4220422.55   68.92837 (18022821)   652096.56
4220442.55   40.94519 (20120120)

652116.56 4220442.55 41.94546 (18011419) 652136.56
4220442.55 43.04950 (18011419)
652156.56 4220442.55 44.01168 (18011419) 652176.56
4220442.55 44.96744 (20121822)
652196.56 4220442.55 46.28932 (20121822) 652216.56
4220442.55 47.78420 (21011723)
652236.56 4220442.55 49.10951 (21011723) 652256.56
4220442.55 50.19526 (21011723)
652276.56 4220442.55 51.00207 (21011723) 652296.56
4220442.55 51.75963 (22012518)
652316.56 4220442.55 53.42784 (19120421) 652336.56
4220442.55 55.13388 (19120421)
652356.56 4220442.55 56.46616 (19120421) 652376.56
4220442.55 57.83800 (22020922)
652396.56 4220442.55 59.22155 (21020205) 652416.56
4220442.55 61.21390 (18022821)
652436.56 4220442.55 63.49916 (18022821) 652456.56
4220442.55 65.16007 (18022821)
652476.56 4220442.55 66.23453 (18121505) 652096.56
4220462.55 40.45987 (18011419)
652116.56 4220462.55 41.32298 (18011419) 652136.56
4220462.55 42.17128 (19010221)
652156.56 4220462.55 43.36207 (20121822) 652176.56
4220462.55 44.68031 (21011723)
652196.56 4220462.55 45.91902 (21011723) 652216.56
4220462.55 46.95088 (21011723)
652236.56 4220462.55 47.74175 (21011723) 652256.56
4220462.55 48.38645 (22012518)
652276.56 4220462.55 49.51086 (19120421) 652296.56
4220462.55 51.19550 (19120421)
652316.56 4220462.55 52.56881 (19120421) 652336.56
4220462.55 53.77711 (22020922)
652356.56 4220462.55 54.88158 (22020922) 652376.56
4220462.55 56.37308 (21020205)
652396.56 4220462.55 58.40011 (18022821) 652416.56
4220462.55 60.33167 (18022821)
652436.56 4220462.55 61.67666 (18022821) 652456.56
4220462.55 62.76221 (21120518)
652476.56 4220462.55 64.95948 (19011821) 652096.56
4220482.55 39.66353 (19010221)
652116.56 4220482.55 40.73370 (20121822) 652136.56
4220482.55 41.89433 (21011723)
652156.56 4220482.55 43.05095 (21011723) 652176.56
4220482.55 44.03045 (21011723)
652196.56 4220482.55 44.80059 (21011723) 652216.56
4220482.55 45.33992 (22012518)
652236.56 4220482.55 46.10932 (18121908) 652256.56
4220482.55 47.62907 (19120421)
652276.56 4220482.55 49.01637 (19120421) 652296.56
4220482.55 50.09952 (19120421)

```
        652316.56   4220482.55       51.25858  (22020922)               652336.56
4220482.55       52.26884  (21020205)
        652356.56   4220482.55       53.69288  (21020205)               652376.56
4220482.55       55.75404  (18022821)
        652396.56   4220482.55       57.37791  (18022821)               652416.56
4220482.55       58.44845  (18022821)
        652436.56   4220482.55       59.67616  (21120518)               652456.56
4220482.55       61.67219  (19011821)
        652476.56   4220482.55       63.33632  (19011821)               652216.56
4220502.55       44.39768  (19120421)
        652236.56   4220502.55       45.77491  (19120421)               652256.56
4220502.55       46.89802  (19120421)
        652276.56   4220502.55       47.90478  (22020922)               652296.56
4220502.55       48.85048  (22020922)
        652316.56   4220502.55       49.99972  (21020205)               652336.56
4220502.55       51.47730  (18022821)
        652356.56   4220502.55       53.27003  (18022821)               652376.56
4220502.55       54.62343  (18022821)
        652396.56   4220502.55       55.45994  (18022821)               652416.56
4220502.55       56.82642  (21120518)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:56:29

                                    PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  M_ONSITE ***
                                    INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                   L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                   L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                   L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652436.56   4220502.55       58.64396  (19011821)               652456.56
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                   INCLUDING SOURCE(S):   DELIVERY   ,

                                                *** 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)
 -
- -
        652763.96   4219991.30   322.32458 (20061506)   652783.96
4219991.30   347.75396 (20061506)
        652803.96   4219991.30   376.03285 (20061506)   652823.96
4219991.30   407.44588 (20061506)
        652843.96   4219991.30   467.42474 (19111008)   652763.96
4220011.30   330.17667 (20061506)
        652783.96   4220011.30   361.36948 (20061506)   652803.96
4220011.30   397.41106 (20061506)
        652823.96   4220011.30   439.37826 (20061506)   652843.96
4220011.30   488.58175 (20061506)
        652763.96   4220031.30   310.73560 (19110508)   652783.96
4220031.30   341.45820 (20061506)
        652803.96   4220031.30   378.77908 (20061506)   652823.96
4220031.30   423.14489 (20061506)
        652843.96   4220031.30   476.55393 (20061506)   652763.96
4220051.30   316.89415 (20110108)
        652783.96   4220051.30   346.28770 (20110108)   652803.96
4220051.30   380.63917 (20110108)
        652823.96   4220051.30   421.25036 (20110108)   652843.96
4220051.30   469.78103 (20110108)
        652763.96   4220071.30   333.15880 (19012817)   652783.96

4220071.30 371.06991 (19012817)
652803.96 4220071.30 415.34589 (19012817) 652823.96
4220071.30 467.41049 (19012817)
652763.96 4220091.30 362.86169 (19012817) 652783.96
4220091.30 398.01297 (19012817)
652803.96 4220091.30 437.51083 (19012817) 652823.96
4220091.30 481.71935 (19012817)
652843.96 4220091.30 531.21860 (19012817) 652763.96
4220111.30 353.99634 (19012817)
652783.96 4220111.30 379.05829 (19012817) 652803.96
4220111.30 405.08221 (19012817)
652823.96 4220111.30 448.02661 (18010109) 652843.96
4220111.30 496.82581 (18010109)
652783.96 4220131.30 362.85273 (18010109) 652803.96
4220131.30 391.25854 (18010109)
652823.96 4220131.30 418.62967 (18010109) 653217.50
4220029.01 1293.48649 (19091107)
653237.50 4220029.01 977.70691 (19091107) 653257.50
4220029.01 753.03439 (19091107)
653277.50 4220029.01 604.87738 (19091107) 653297.50
4220029.01 502.56637 (19013023)
653217.50 4220049.01 873.34599 (19091107) 653237.50
4220049.01 825.80578 (19091107)
653257.50 4220049.01 739.26929 (19091107) 653277.50
4220049.01 646.96913 (19091107)
653297.50 4220049.01 564.26393 (19091107) 653217.50
4220069.01 664.79576 (19091107)
653237.50 4220069.01 633.16375 (19091107) 653257.50
4220069.01 603.92489 (19091107)
653277.50 4220069.01 567.68755 (19091107) 653297.50
4220069.01 526.03683 (19091107)
653091.77 4220073.80 1476.12102 (22100807) 653107.01
4220074.09 1337.84751 (19040307)
653127.01 4220074.09 1063.78827 (19040307) 653147.01
4220074.09 878.78330 (19091107)
653167.01 4220074.09 777.21307 (19091107) 653187.01
4220074.09 702.52801 (19091107)
653207.01 4220074.09 649.05574 (19091107) 653226.41
4220070.49 638.29438 (19091107)
653246.41 4220070.49 609.87250 (19091107) 653266.41
4220070.49 579.72706 (19091107)
653286.41 4220070.49 542.97249 (19091107) 653306.41
4220070.49 502.43009 (19091107)
653092.17 4220089.40 1326.96422 (19110908) 653107.41
4220089.69 1145.10844 (19040307)
653127.41 4220089.69 983.69371 (19040307) 653147.41
4220089.69 832.04786 (19040307)
653167.41 4220089.69 712.15206 (19040307) 653187.41
4220089.69 626.35028 (19040307)
653207.41 4220089.69 567.54954 (19040307) 653226.41

4220090.49   526.40970 (19040307)
        653246.41   4220090.49   484.42605 (19040307)   653266.41
4220090.49   461.29312 (19091107)
        653286.41   4220090.49   444.55544 (19091107)   653306.41
4220090.49   426.40250 (19091107)
        653092.17   4220109.40   1248.56247 (19110908)   653107.41
4220109.69   1036.37427 (19110908)
        653127.41   4220109.69   806.27853 (18091307)   653147.41
4220109.69   732.11922 (19040307)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                   INCLUDING SOURCE(S):   DELIVERY   ,

                                        *** 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)
 -
- -
        653167.41   4220109.69   661.01545 (19040307)   653187.41
4220109.69   594.67876 (19040307)
        653207.41   4220109.69   539.61604 (19040307)   653226.41
4220110.49   497.23583 (19040307)
        653246.41   4220110.49   460.89007 (19040307)   653266.41
4220110.49   423.61945 (19040307)
        653286.41   4220110.49   383.57962 (22010504)   653306.41
4220110.49   362.45654 (22070806)
        653092.88   4220123.48   1082.85720 (19110908)   653108.12
4220123.76   972.66344 (19110908)
        653128.12   4220123.76   780.25684 (19110908)   653148.12
4220123.76   653.35304 (18091307)
        653168.12   4220123.76   591.11579 (19040307)   653188.12
4220123.76   551.09530 (19040307)
        653208.12   4220123.76   510.28222 (19040307)   653227.12
4220124.56   474.10609 (19040307)
        653247.12   4220124.56   442.35079 (19040307)   653267.12
4220124.56   411.73749 (19040307)
        653287.12   4220124.56   378.27177 (19040307)   653307.12

4220124.56 341.33639 (19040307)
652875.28 4219709.68 203.34429 (22010619) 652895.28
4219709.68 201.99582 (22020318)
652915.28 4219709.68 210.93524 (22012817) 652935.28
4219709.68 220.90019 (22012817)
652955.28 4219709.68 216.94616 (22012817) 652975.28
4219709.68 224.83739 (20022008)
652995.28 4219709.68 236.76412 (20022008) 653015.28
4219709.68 232.88157 (20022008)
652875.28 4219729.68 215.66118 (20021908) 652895.28
4219729.68 218.90328 (22010619)
652915.28 4219729.68 220.07747 (22020318) 652935.28
4219729.68 234.72409 (22012817)
652955.28 4219729.68 235.38675 (22012817) 652975.28
4219729.68 236.61118 (20022008)
652995.28 4219729.68 252.92786 (20022008) 653015.28
4219729.68 251.03324 (20022008)
652875.28 4219749.68 236.49278 (20021908) 652895.28
4219749.68 235.08350 (22010619)
652915.28 4219749.68 234.69858 (22020318) 652935.28
4219749.68 248.09158 (22012817)
652955.28 4219749.68 255.01811 (22012817) 652975.28
4219749.68 251.77256 (20101722)
652995.28 4219749.68 270.75816 (20022008) 653015.28
4219749.68 271.51055 (20022008)
652875.28 4219769.68 257.07376 (19061106) 652895.28
4219769.68 254.06542 (20021908)
652915.28 4219769.68 255.43998 (22010619) 652935.28
4219769.68 260.34727 (22012817)
652955.28 4219769.68 275.57338 (22012817) 652975.28
4219769.68 270.81813 (19013022)
652995.28 4219769.68 290.44855 (20022008) 653015.28
4219769.68 294.77552 (20022008)
652875.28 4219789.68 279.15332 (19061106) 652895.28
4219789.68 279.51958 (20021908)
652915.28 4219789.68 276.68566 (22010619) 652935.28
4219789.68 277.95950 (22020318)
652955.28 4219789.68 296.58503 (22012817) 652975.28
4219789.68 296.74394 (22012817)
652995.28 4219789.68 312.32560 (20022008) 653015.28
4219789.68 321.44915 (20022008)
652875.28 4219809.68 296.18191 (19061106) 652895.28
4219809.68 307.48580 (19061106)
652915.28 4219809.68 305.03027 (20021908) 652935.28
4219809.68 304.47264 (22010619)
652955.28 4219809.68 317.33961 (22012817) 652975.28
4219809.68 327.60485 (22012817)
652995.28 4219809.68 336.56793 (20022008) 653015.28
4219809.68 352.33816 (20022008)
652875.28 4219829.68 304.96297 (19061106) 652895.28

4219829.68   332.80737 (19061106)
        652915.28   4219829.68   338.84635 (19061106)   652935.28
4219829.68   333.86585 (22010619)
        652955.28   4219829.68   337.57003 (22020318)   652975.28
4219829.68   361.22991 (22012817)
        652995.28   4219829.68   363.37684 (20022008)   653015.28
4219829.68   388.47051 (20022008)
        652875.28   4219849.68   347.81922 (20022608)   652895.28
4219849.68   349.45676 (19061106)
        652915.28   4219849.68   375.56448 (19061106)   652935.28
4219849.68   376.28159 (20021908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                  INCLUDING SOURCE(S):   DELIVERY   ,

                                             *** 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)
 -
- -
        652955.28   4219849.68   373.46367 (22010619)   652975.28
4219849.68   397.05937 (22012817)
        652995.28   4219849.68   398.30149 (20101722)   653015.28
4219849.68   431.20007 (20022008)
        653396.88   4219710.60   174.48156 (18101007)   653416.88
4219710.60   170.98361 (18101007)
        653436.88   4219710.60   163.54054 (18101007)   653456.88
4219710.60   156.75467 (18012703)
        653476.88   4219710.60   149.59186 (18012703)   653496.88
4219710.60   151.46938 (18022108)
        653516.88   4219710.60   151.38677 (18022108)   653396.88
4219730.60   185.06812 (18101007)
        653416.88   4219730.60   176.51051 (18101007)   653436.88
4219730.60   168.98936 (18012703)
        653456.88   4219730.60   162.64689 (18022108)   653476.88
4219730.60   164.91553 (18022108)
        653496.88   4219730.60   163.69588 (18022108)   653516.88

4219730.60 159.32058 (18022108)
653396.88 4219750.60 191.32901 (18101007) 653416.88
4219750.60 182.80191 (18012703)
653436.88 4219750.60 178.85558 (18022108) 653456.88
4219750.60 180.10624 (18022108)
653476.88 4219750.60 177.25065 (18022108) 653496.88
4219750.60 170.94162 (18022108)
653516.88 4219750.60 161.92933 (18022108) 653396.88
4219770.60 198.66387 (18012703)
653416.88 4219770.60 197.44562 (18022108) 653436.88
4219770.60 197.20113 (18022108)
653456.88 4219770.60 192.27473 (18022108) 653476.88
4219770.60 183.52317 (18022108)
653496.88 4219770.60 171.90967 (18022108) 653516.88
4219770.60 158.34494 (18022108)
653476.88 4219790.60 182.29371 (18022108) 653496.88
4219790.60 170.53805 (19091307)
653516.88 4219790.60 172.89960 (19091307) 653476.88
4219810.60 194.29364 (19091307)
653496.88 4219810.60 194.44655 (19091307) 653516.88
4219810.60 191.97238 (19091307)
653476.88 4219830.60 217.95744 (19091307) 653496.88
4219830.60 212.01151 (19091307)
653516.88 4219830.60 203.74798 (19091307) 653476.88
4219850.60 232.48084 (19091307)
653496.88 4219850.60 219.81788 (19091307) 653516.88
4219850.60 205.88406 (19091307)
653476.88 4219870.60 234.40876 (19091307) 653496.88
4219870.60 215.67929 (19091307)
653516.88 4219870.60 199.12135 (19062406) 653476.88
4219890.60 228.02663 (19062406)
653496.88 4219890.60 212.79939 (19062406) 653516.88
4219890.60 197.59878 (19062406)
652096.56 4220162.55 69.17643 (19012817) 652116.56
4220162.55 71.90758 (19012817)
652136.56 4220162.55 74.79688 (19012817) 652156.56
4220162.55 77.83485 (19012817)
652176.56 4220162.55 81.00413 (19012817) 652196.56
4220162.55 84.30595 (19012817)
652216.56 4220162.55 87.76598 (19012817) 652236.56
4220162.55 91.39746 (19012817)
652256.56 4220162.55 95.21507 (19012817) 652276.56
4220162.55 99.20742 (19012817)
652296.56 4220162.55 103.38535 (19012817) 652316.56
4220162.55 107.75572 (19012817)
652336.56 4220162.55 112.33308 (19012817) 652356.56
4220162.55 117.09790 (19012817)
652376.56 4220162.55 122.06515 (19012817) 652396.56
4220162.55 127.22937 (19012817)
652416.56 4220162.55 132.61598 (19012817) 652436.56

4220162.55   138.18618 (19012817)
        652456.56   4220162.55   143.96627 (19012817)   652096.56
4220182.55   73.58077 (19012817)
        652116.56   4220182.55   76.27976 (19012817)   652136.56
4220182.55   79.06062 (19012817)
        652156.56   4220182.55   81.95457 (19012817)   652176.56
4220182.55   84.99628 (19012817)
        652196.56   4220182.55   88.15542 (19012817)   652216.56
4220182.55   91.40516 (19012817)
        652236.56   4220182.55   94.77139 (19012817)   652256.56
4220182.55   98.26266 (19012817)
        652276.56   4220182.55   101.88108 (19012817)   652296.56
4220182.55   105.60238 (19012817)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                    INCLUDING SOURCE(S):   DELIVERY   ,

                                                *** 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)
 -
- -
        652316.56   4220182.55   109.44514 (19012817)   652336.56
4220182.55   113.41666 (19012817)
        652356.56   4220182.55   117.46734 (19012817)   652376.56
4220182.55   121.59890 (19012817)
        652396.56   4220182.55   125.79091 (19012817)   652416.56
4220182.55   130.04073 (19012817)
        652436.56   4220182.55   134.31541 (19012817)   652456.56
4220182.55   138.58987 (19012817)
        652476.56   4220182.55   142.83973 (19012817)   652096.56
4220202.55   76.37556 (19012817)
        652116.56   4220202.55   78.87226 (19012817)   652136.56
4220202.55   81.46615 (19012817)
        652156.56   4220202.55   84.12083 (19012817)   652176.56
4220202.55   86.83049 (19012817)
        652196.56   4220202.55   89.62866 (19012817)   652216.56

4220202.55 92.50012 (19012817)
652236.56 4220202.55 95.42794 (19012817) 652256.56
4220202.55 98.39468 (19012817)
652276.56 4220202.55 101.41763 (19012817) 652296.56
4220202.55 104.48433 (19012817)
652316.56 4220202.55 107.55697 (19012817) 652336.56
4220202.55 110.64371 (19012817)
652356.56 4220202.55 113.70271 (19012817) 652376.56
4220202.55 116.73897 (19012817)
652396.56 4220202.55 119.68785 (19012817) 652416.56
4220202.55 122.55441 (19012817)
652436.56 4220202.55 125.27633 (19012817) 652456.56
4220202.55 129.79168 (18010109)
652476.56 4220202.55 136.89754 (18010109) 652096.56
4220222.55 77.42351 (19012817)
652116.56 4220222.55 79.62139 (19012817) 652136.56
4220222.55 81.84488 (19012817)
652156.56 4220222.55 84.12005 (19012817) 652176.56
4220222.55 86.41356 (19012817)
652196.56 4220222.55 88.72423 (19012817) 652216.56
4220222.55 91.03914 (19012817)
652236.56 4220222.55 93.35192 (19012817) 652256.56
4220222.55 95.66220 (19012817)
652276.56 4220222.55 97.90961 (19012817) 652296.56
4220222.55 100.13080 (19012817)
652316.56 4220222.55 102.26702 (19012817) 652336.56
4220222.55 104.34227 (19012817)
652356.56 4220222.55 106.27278 (19012817) 652376.56
4220222.55 109.49790 (18010109)
652396.56 4220222.55 114.93019 (18010109) 652416.56
4220222.55 120.47660 (18010109)
652436.56 4220222.55 126.08927 (18010109) 652456.56
4220222.55 131.74581 (18010109)
652476.56 4220222.55 137.39083 (18010109) 652096.56
4220242.55 76.67414 (19012817)
652116.56 4220242.55 78.47288 (19012817) 652136.56
4220242.55 80.25851 (19012817)
652156.56 4220242.55 82.02736 (19012817) 652176.56
4220242.55 83.78747 (19012817)
652196.56 4220242.55 85.49010 (19012817) 652216.56
4220242.55 87.15954 (19012817)
652236.56 4220242.55 88.75156 (19012817) 652256.56
4220242.55 90.27569 (19012817)
652276.56 4220242.55 91.70362 (19012817) 652296.56
4220242.55 94.05598 (18010109)
652316.56 4220242.55 98.35551 (18010109) 652336.56
4220242.55 102.73476 (18010109)
652356.56 4220242.55 107.16164 (18010109) 652376.56
4220242.55 111.62580 (18010109)
652396.56 4220242.55 116.06809 (18010109) 652416.56

4220242.55   120.46324 (18010109)
        652436.56   4220242.55   124.70277 (18010109)   652456.56
4220242.55   128.79086 (18010109)
        652476.56   4220242.55   132.61878 (18010109)   652096.56
4220262.55   74.19769 (19012817)
        652116.56   4220262.55   75.51153 (19012817)   652136.56
4220262.55   76.79300 (19012817)
        652156.56   4220262.55   78.00366 (19012817)   652176.56
4220262.55   79.15034 (19012817)
        652196.56   4220262.55   80.23111 (19012817)   652216.56
4220262.55   81.97258 (18010109)
        652236.56   4220262.55   85.44974 (18010109)   652256.56
4220262.55   89.00502 (18010109)
        652276.56   4220262.55   92.56563 (18010109)   652296.56
4220262.55   96.18273 (18010109)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: C_ON_IDL ***
INCLUDING SOURCE(S):   DELIVERY   ,

*** 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)
652316.56	4220262.55	99.77447	(18010109)	652336.56	4220262.55	103.35175	(18010109)
652356.56	4220262.55	106.83641	(18010109)	652376.56	4220262.55	110.20454	(18010109)
652396.56	4220262.55	113.43024	(18010109)	652416.56	4220262.55	116.41529	(18010109)
652436.56	4220262.55	119.09956	(18010109)	652456.56	4220262.55	121.42354	(18010109)
652476.56	4220262.55	123.32310	(18010109)	652096.56	4220282.55	70.16633	(19012817)
652116.56	4220282.55	70.98858	(19012817)	652136.56	4220282.55	72.30619	(18010109)
652156.56	4220282.55	75.17078	(18010109)	652176.56			

4220282.55 78.10216 (18010109)
652196.56 4220282.55 81.03472 (18010109) 652216.56
4220282.55 84.01114 (18010109)
652236.56 4220282.55 86.98414 (18010109) 652256.56
4220282.55 89.92575 (18010109)
652276.56 4220282.55 92.84865 (18010109) 652296.56
4220282.55 95.65778 (18010109)
652316.56 4220282.55 98.39104 (18010109) 652336.56
4220282.55 100.97692 (18010109)
652356.56 4220282.55 103.36234 (18010109) 652376.56
4220282.55 105.50490 (18010109)
652396.56 4220282.55 107.37614 (18010109) 652416.56
4220282.55 108.86665 (18010109)
652436.56 4220282.55 111.04298 (21021908) 652456.56
4220282.55 115.01751 (21021908)
652476.56 4220282.55 118.62768 (21021908) 652096.56
4220302.55 69.27920 (18010109)
652116.56 4220302.55 71.73402 (18010109) 652136.56
4220302.55 74.21996 (18010109)
652156.56 4220302.55 76.71720 (18010109) 652176.56
4220302.55 79.18643 (18010109)
652196.56 4220302.55 81.63973 (18010109) 652216.56
4220302.55 84.03425 (18010109)
652236.56 4220302.55 86.35962 (18010109) 652256.56
4220302.55 88.60192 (18010109)
652276.56 4220302.55 90.70492 (18010109) 652296.56
4220302.55 92.64305 (18010109)
652316.56 4220302.55 94.39692 (18010109) 652336.56
4220302.55 95.90050 (18010109)
652356.56 4220302.55 97.11278 (18010109) 652376.56
4220302.55 98.41219 (21021908)
652396.56 4220302.55 101.82165 (21021908) 652416.56
4220302.55 104.93777 (21021908)
652436.56 4220302.55 107.70115 (21021908) 652456.56
4220302.55 110.04444 (21021908)
652476.56 4220302.55 111.84112 (21021908) 652096.56
4220322.55 70.42856 (18010109)
652116.56 4220322.55 72.51834 (18010109) 652136.56
4220322.55 74.56735 (18010109)
652156.56 4220322.55 76.57147 (18010109) 652176.56
4220322.55 78.51555 (18010109)
652196.56 4220322.55 80.37437 (18010109) 652216.56
4220322.55 82.10815 (18010109)
652236.56 4220322.55 83.71946 (18010109) 652256.56
4220322.55 85.15487 (18010109)
652276.56 4220322.55 86.38651 (18010109) 652296.56
4220322.55 87.40515 (18010109)
652316.56 4220322.55 88.15653 (18010109) 652336.56
4220322.55 90.97311 (21021908)
652356.56 4220322.55 93.70370 (21021908) 652376.56

4220322.55   96.18077 (21021908)
        652396.56   4220322.55   98.31187 (21021908)   652416.56
4220322.55   100.04352 (21021908)
        652436.56   4220322.55   101.43551 (18010223)   652456.56
4220322.55   104.75081 (18010223)
        652476.56   4220322.55   108.11940 (21010817)   652096.56
4220342.55   70.18494 (18010109)
        652116.56   4220342.55   71.81966 (18010109)   652136.56
4220342.55   73.37933 (18010109)
        652156.56   4220342.55   74.82814 (18010109)   652176.56
4220342.55   76.17625 (18010109)
        652196.56   4220342.55   77.36461 (18010109)   652216.56
4220342.55   78.40914 (18010109)
        652236.56   4220342.55   79.24384 (18010109)   652256.56
4220342.55   79.87139 (18010109)
        652276.56   4220342.55   81.94630 (21021908)   652296.56
4220342.55   84.34400 (21021908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                  INCLUDING SOURCE(S):   DELIVERY   ,

                                       *** 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)
 -
- -
        652316.56   4220342.55   86.54036 (21021908)   652336.56
4220342.55   88.49978 (21021908)
        652356.56   4220342.55   90.15278 (21021908)   652376.56
4220342.55   91.43383 (21021908)
        652396.56   4220342.55   93.18279 (18010223)   652416.56
4220342.55   95.91569 (18010223)
        652436.56   4220342.55   98.87862 (21010817)   652456.56
4220342.55   103.82123 (19091007)
        652476.56   4220342.55   109.03261 (19091007)   652096.56
4220362.55   68.59582 (18010109)
        652116.56   4220362.55   69.72967 (18010109)   652136.56

```
4220362.55       70.73630  (18010109)
        652156.56   4220362.55       71.60893  (18010109)                652176.56
4220362.55       72.31383  (18010109)
        652196.56   4220362.55       72.86211  (18010109)                652216.56
4220362.55       74.32213  (21021908)
        652236.56   4220362.55       76.44537  (21021908)                652256.56
4220362.55       78.42008  (21021908)
        652276.56   4220362.55       80.19121  (21021908)                652296.56
4220362.55       81.73183  (21021908)
        652316.56   4220362.55       83.01005  (21021908)                652336.56
4220362.55       83.94804  (21021908)
        652356.56   4220362.55       86.01139  (18010223)                652376.56
4220362.55       88.28928  (18010223)
        652396.56   4220362.55       90.92464  (21010817)                652416.56
4220362.55       95.24263  (19091007)
        652436.56   4220362.55       99.78150  (19091007)                652456.56
4220362.55      103.85469  (19091007)
        652476.56   4220362.55      107.29957  (19091007)                652096.56
4220382.55       65.77146  (18010109)
        652116.56   4220382.55       66.37132  (18010109)                652136.56
4220382.55       66.82818  (18010109)
        652156.56   4220382.55       67.82020  (21021908)                652176.56
4220382.55       69.71122  (21021908)
        652196.56   4220382.55       71.48039  (21021908)                652216.56
4220382.55       73.10202  (21021908)
        652236.56   4220382.55       74.53299  (21021908)                652256.56
4220382.55       75.74556  (21021908)
        652276.56   4220382.55       76.71507  (21021908)                652296.56
4220382.55       77.54364  (18010223)
        652316.56   4220382.55       79.72746  (18010223)                652336.56
4220382.55       81.64589  (18010223)
        652356.56   4220382.55       84.02883  (21010817)                652376.56
4220382.55       87.82104  (19091007)
        652396.56   4220382.55       91.80556  (19091007)                652416.56
4220382.55       95.39709  (19091007)
        652436.56   4220382.55       98.47081  (19091007)                652456.56
4220382.55      100.88679  (19091007)
        652476.56   4220382.55      102.49570  (19091007)                652096.56
4220402.55       62.22142  (21021908)
        652116.56   4220402.55       63.91055  (21021908)                652136.56
4220402.55       65.51232  (21021908)
        652156.56   4220402.55       66.97910  (21021908)                652176.56
4220402.55       68.31216  (21021908)
        652196.56   4220402.55       69.46646  (21021908)                652216.56
4220402.55       70.41856  (21021908)
        652236.56   4220402.55       71.14431  (21021908)                652256.56
4220402.55       72.32301  (18010223)
        652276.56   4220402.55       74.18572  (18010223)                652296.56
4220402.55       75.80297  (18010223)
        652316.56   4220402.55       77.99229  (21010817)                652336.56
```

4220402.55   81.34645 (19091007)
        652356.56   4220402.55   84.88090 (19091007)   652376.56
4220402.55   88.07181 (19091007)
        652396.56   4220402.55   90.82356 (19091007)   652416.56
4220402.55   93.02827 (19091007)
        652436.56   4220402.55   94.56110 (19091007)   652456.56
4220402.55   96.85303 (22040807)
        652476.56   4220402.55   107.05659 (22040807)   652096.56
4220422.55   61.66831 (21021908)
        652116.56   4220422.55   62.90113 (21021908)   652136.56
4220422.55   63.97936 (21021908)
        652156.56   4220422.55   64.91484 (21021908)   652176.56
4220422.55   65.65616 (21021908)
        652196.56   4220422.55   66.17978 (21021908)   652216.56
4220422.55   67.66765 (18010223)
        652236.56   4220422.55   69.26415 (18010223)   652256.56
4220422.55   70.63871 (18010223)
        652276.56   4220422.55   72.67278 (21010817)   652296.56
4220422.55   75.65525 (19091007)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                  INCLUDING SOURCE(S):   DELIVERY   ,

                                       *** 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)
 -
- -
        652316.56   4220422.55   78.81549 (19091007)   652336.56
4220422.55   81.66974 (19091007)
        652356.56   4220422.55   84.14020 (19091007)   652376.56
4220422.55   86.14955 (19091007)
        652396.56   4220422.55   87.59754 (19091007)   652416.56
4220422.55   89.17426 (21022608)
        652436.56   4220422.55   95.45910 (22040807)   652456.56
4220422.55   104.71774 (22040807)
        652476.56   4220422.55   113.93514 (22040807)   652096.56

4220442.55 60.06052 (21021908)
652116.56 4220442.55 60.81012 (21021908) 652136.56
4220442.55 61.37551 (21021908)
652156.56 4220442.55 61.94441 (18010223) 652176.56
4220442.55 63.49466 (18010223)
652196.56 4220442.55 64.87146 (18010223) 652216.56
4220442.55 66.04373 (18010223)
652236.56 4220442.55 67.95227 (21010817) 652256.56
4220442.55 70.61763 (19091007)
652276.56 4220442.55 73.45562 (19091007) 652296.56
4220442.55 76.01473 (19091007)
652316.56 4220442.55 78.25649 (19091007) 652336.56
4220442.55 80.10427 (19091007)
652356.56 4220442.55 81.47360 (19091007) 652376.56
4220442.55 82.60783 (21022608)
652396.56 4220442.55 85.56256 (22040807) 652416.56
4220442.55 93.85518 (22040807)
652436.56 4220442.55 102.21472 (22040807) 652456.56
4220442.55 110.43377 (22040807)
652476.56 4220442.55 118.27223 (22040807) 652096.56
4220462.55 57.51378 (21021908)
652116.56 4220462.55 58.38910 (18010223) 652136.56
4220462.55 59.73650 (18010223)
652156.56 4220462.55 60.92744 (18010223) 652176.56
4220462.55 62.01024 (21010817)
652196.56 4220462.55 63.74018 (21010817) 652216.56
4220462.55 66.13221 (19091007)
652236.56 4220462.55 68.68831 (19091007) 652256.56
4220462.55 71.00634 (19091007)
652276.56 4220462.55 73.04642 (19091007) 652296.56
4220462.55 74.75225 (19091007)
652316.56 4220462.55 76.06006 (19091007) 652336.56
4220462.55 76.87720 (19091007)
652356.56 4220462.55 78.68020 (21022608) 652376.56
4220462.55 84.46243 (22040807)
652396.56 4220462.55 92.03725 (22040807) 652416.56
4220462.55 99.58822 (22040807)
652436.56 4220462.55 106.90908 (22040807) 652456.56
4220462.55 113.75910 (22040807)
652476.56 4220462.55 119.89714 (22040807) 652096.56
4220482.55 56.34194 (18010223)
652116.56 4220482.55 57.37387 (18010223) 652136.56
4220482.55 58.41785 (21010817)
652156.56 4220482.55 59.96370 (21010817) 652176.56
4220482.55 62.11529 (19091007)
652196.56 4220482.55 64.43232 (19091007) 652216.56
4220482.55 66.53863 (19091007)
652236.56 4220482.55 68.40863 (19091007) 652256.56
4220482.55 69.99091 (19091007)
652276.56 4220482.55 71.20125 (19091007) 652296.56

4220482.55   72.00042 (19091007)
        652316.56   4220482.55   73.45253 (21022608)   652336.56
4220482.55   76.34471 (22040807)
        652356.56   4220482.55   83.22024 (22040807)   652376.56
4220482.55   90.12160 (22040807)
        652396.56   4220482.55   96.90760 (22040807)   652416.56
4220482.55   103.39537 (22040807)
        652436.56   4220482.55   109.36846 (22040807)   652456.56
4220482.55   114.62357 (22040807)
        652476.56   4220482.55   118.91650 (22040807)   652216.56
4220502.55   65.70376 (19091007)
        652236.56   4220502.55   66.84868 (19091007)   652256.56
4220502.55   67.63546 (19091007)
        652276.56   4220502.55   68.74233 (21022608)   652296.56
4220502.55   70.09388 (21022608)
        652316.56   4220502.55   75.50008 (22040807)   652336.56
4220502.55   81.78108 (22040807)
        652356.56   4220502.55   88.06851 (22040807)   652376.56
4220502.55   94.17591 (22040807)
        652396.56   4220502.55   99.92541 (22040807)   652416.56
4220502.55   105.12683 (22040807)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_ON_IDL ***
                                    INCLUDING SOURCE(S):   DELIVERY   ,

                                              *** 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)
 -
- -
        652436.56   4220502.55   109.60701 (22040807)   652456.56
4220502.55   113.15311 (22040807)
        652476.56   4220502.55   115.56342 (22040807)   652396.56
4220522.55   101.02820 (22040807)
        652416.56   4220522.55   104.83488 (22040807)   652436.56
4220522.55   107.73631 (22040807)
        652456.56   4220522.55   109.57741 (22040807)   652476.56

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN   ***
                                    INCLUDING SOURCE(S):   GEN   ,

                                              *** 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)
 -
- -
        652763.96   4219991.30   7.93259 (19031814)   652783.96
4219991.30   9.13097 (19031814)
        652803.96   4219991.30   9.93968 (19031814)   652823.96
4219991.30   9.91453 (19031814)
        652843.96   4219991.30   8.75084 (19031814)   652763.96
4220011.30   5.90995 (21020814)
        652783.96   4220011.30   6.68165 (19031814)   652803.96
4220011.30   7.80706 (19031814)
        652823.96   4220011.30   8.61066 (19031814)   652843.96
4220011.30   8.95807 (19031814)
        652763.96   4220031.30   5.36107 (21020814)   652783.96
4220031.30   6.10909 (21020814)
        652803.96   4220031.30   6.90619 (21020814)   652823.96
4220031.30   7.68030 (21020814)
        652843.96   4220031.30   8.29232 (21020814)   652763.96
4220051.30   5.16723 (20012014)
        652783.96   4220051.30   5.16280 (21020814)   652803.96
4220051.30   5.87067 (21020814)
        652823.96   4220051.30   6.59184 (21020814)   652843.96
4220051.30   7.24913 (21020814)
        652763.96   4220071.30   8.96870 (20012014)   652783.96
4220071.30   9.20733 (20012014)
        652803.96   4220071.30   9.18087 (20012014)   652823.96
4220071.30   8.72789 (20012014)
        652763.96   4220091.30   12.34686 (20012014)   652783.96
4220091.30   12.99768 (20012014)
        652803.96   4220091.30   13.37434 (20012014)   652823.96

```
4220091.30       13.25317  (20012014)
        652843.96   4220091.30       12.74200  (20012014)                652763.96
4220111.30       13.72252  (20012014)
        652783.96   4220111.30       14.15973  (20012014)                652803.96
4220111.30       14.13055  (20012014)
        652823.96   4220111.30       17.94318  (20051814)                652843.96
4220111.30       29.80806  (20051814)
        652783.96   4220131.30       13.37752  (19120214)                652803.96
4220131.30       22.19832  (20051814)
        652823.96   4220131.30       31.16973  (20051814)                653217.50
4220029.01       13.91203  (19070814)
        653237.50   4220029.01       12.95182  (19070814)                653257.50
4220029.01       11.87133  (19070814)
        653277.50   4220029.01       10.89724  (19070814)                653297.50
4220029.01        9.93426  (19070814)
        653217.50   4220049.01       13.25193  (19072914)                653237.50
4220049.01       12.51833  (19072914)
        653257.50   4220049.01       11.77745  (19072914)                653277.50
4220049.01       10.99757  (19072914)
        653297.50   4220049.01       10.22972  (19072914)                653217.50
4220069.01       14.65328  (19072914)
        653237.50   4220069.01       13.66497  (19072914)                653257.50
4220069.01       12.73058  (19072914)
        653277.50   4220069.01       11.78991  (19072914)                653297.50
4220069.01       10.89120  (19072914)
        653091.77   4220073.80       22.27896  (21092714)                653107.01
4220074.09       21.89938  (21092714)
        653127.01   4220074.09       20.75894  (21092714)                653147.01
4220074.09       19.32184  (22050214)
        653167.01   4220074.09       18.17020  (22050214)                653187.01
4220074.09       16.90482  (22050214)
        653207.01   4220074.09       15.62136  (22050214)                653226.41
4220070.49       14.19934  (19072914)
        653246.41   4220070.49       13.27813  (19072914)                653266.41
4220070.49       12.32778  (19072914)
        653286.41   4220070.49       11.39831  (19072914)                653306.41
4220070.49       10.52222  (19072914)
        653092.17   4220089.40       24.59853  (18060414)                653107.41
4220089.69       23.62186  (18060414)
        653127.41   4220089.69       21.85508  (18060414)                653147.41
4220089.69       20.24170  (22021414)
        653167.41   4220089.69       19.00502  (22021414)                653187.41
4220089.69       17.64450  (22021414)
        653207.41   4220089.69       16.27171  (22021414)                653226.41
4220090.49       15.06604  (22021414)
        653246.41   4220090.49       14.04817  (22021414)                653266.41
4220090.49       13.06081  (22021414)
        653286.41   4220090.49       12.08203  (22021414)                653306.41
4220090.49       11.14842  (22021414)
        653092.17   4220109.40       25.31223  (21060714)                653107.41
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4220109.69   24.50539 (20032314)
        653127.41   4220109.69   23.87822 (20032314)   653147.41
4220109.69   22.69969 (20032314)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN   ***
                                    INCLUDING SOURCE(S):   GEN   ,

                                              *** 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)
 -
- -
        653167.41   4220109.69   21.26043 (20032314)   653187.41
4220109.69   19.66067 (20032314)
        653207.41   4220109.69   18.03256 (20032314)   653226.41
4220110.49   16.59237 (20032314)
        653246.41   4220110.49   15.39106 (20032314)   653266.41
4220110.49   14.20547 (20032314)
        653286.41   4220110.49   13.00851 (20032314)   653306.41
4220110.49   11.86043 (20032314)
        653092.88   4220123.48   22.14137 (21060714)   653108.12
4220123.76   22.64439 (21060714)
        653128.12   4220123.76   21.49092 (21060714)   653148.12
4220123.76   20.76879 (20032314)
        653168.12   4220123.76   20.21603 (20032314)   653188.12
4220123.76   19.23931 (20032314)
        653208.12   4220123.76   18.03503 (20032314)   653227.12
4220124.56   16.77395 (20032314)
        653247.12   4220124.56   15.81493 (20032314)   653267.12
4220124.56   14.75085 (20032314)
        653287.12   4220124.56   13.62177 (20032314)   653307.12
4220124.56   12.50685 (20032314)
        652875.28   4219709.68   4.81244 (18012914)   652895.28
4219709.68   6.80963 (22030714)
        652915.28   4219709.68   10.32101 (22030714)   652935.28
4219709.68   14.64803 (22030714)
        652955.28   4219709.68   16.44441 (22030714)   652975.28

```
4219709.68       16.52683  (22030714)
        652995.28   4219709.68       13.39315  (22030714)                653015.28
4219709.68       12.69845  (20120714)
        652875.28   4219729.68        5.10033  (18012914)                652895.28
4219729.68        7.27520  (22030714)
        652915.28   4219729.68       11.19202  (22030714)                652935.28
4219729.68       16.17415  (22030714)
        652955.28   4219729.68       18.15145  (22030714)                652975.28
4219729.68       18.03333  (22030714)
        652995.28   4219729.68       14.20991  (22030714)                653015.28
4219729.68       14.47703  (20120714)
        652875.28   4219749.68        5.40869  (18012914)                652895.28
4219749.68        7.70616  (22030714)
        652915.28   4219749.68       12.06563  (22030714)                652935.28
4219749.68       17.82402  (22030714)
        652955.28   4219749.68       19.98408  (22030714)                652975.28
4219749.68       19.58568  (22030714)
        652995.28   4219749.68       14.92998  (22030714)                653015.28
4219749.68       16.42712  (20120714)
        652875.28   4219769.68        5.73619  (18012914)                652895.28
4219769.68        8.07973  (22030714)
        652915.28   4219769.68       12.91066  (22030714)                652935.28
4219769.68       19.58240  (22030714)
        652955.28   4219769.68       21.91860  (22030714)                652975.28
4219769.68       21.13255  (22030714)
        652995.28   4219769.68       15.69704  (20120714)                653015.28
4219769.68       18.50669  (20120714)
        652875.28   4219789.68        6.08336  (18012914)                652895.28
4219789.68        8.50813  (22030714)
        652915.28   4219789.68       16.33873  (22030714)                652935.28
4219789.68       21.66021  (22030714)
        652955.28   4219789.68       24.10908  (22030714)                652975.28
4219789.68       22.72444  (22030714)
        652995.28   4219789.68       17.92674  (20120714)                653015.28
4219789.68       20.63381  (20120714)
        652875.28   4219809.68        6.43912  (18012914)                652895.28
4219809.68        8.96038  (22030714)
        652915.28   4219809.68       17.99011  (22030714)                652935.28
4219809.68       24.30941  (22030714)
        652955.28   4219809.68       26.93314  (22030714)                652975.28
4219809.68       24.78159  (22030714)
        652995.28   4219809.68       20.92812  (20120714)                653015.28
4219809.68       24.47487  (18123114)
        652875.28   4219829.68        6.80310  (18012914)                652895.28
4219829.68        9.31712  (22030714)
        652915.28   4219829.68       19.75778  (22030714)                652935.28
4219829.68       27.29378  (22030714)
        652955.28   4219829.68       30.04433  (22030714)                652975.28
4219829.68       23.32510  (22030714)
        652995.28   4219829.68       24.33691  (20120714)                653015.28
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
652955.28	4219849.68	33.39802	(22030714)	652975.28	4219849.68	25.04360	(22030714)
652995.28	4219849.68	28.41817	(20030214)	653015.28	4219849.68	36.26037	(18123114)
653396.88	4219710.60	5.33468	(22121214)	653416.88	4219710.60	4.97918	(18071614)
653436.88	4219710.60	4.73299	(18071614)	653456.88	4219710.60	4.56970	(18102214)
653476.88	4219710.60	4.41614	(18102214)	653496.88	4219710.60	4.22883	(18102214)
653516.88	4219710.60	4.01355	(18102214)	653396.88	4219730.60	5.43786	(18071614)
653416.88	4219730.60	5.12901	(18071614)	653436.88	4219730.60	4.93551	(18102214)
653456.88	4219730.60	4.73408	(18102214)	653476.88	4219730.60	4.49921	(18102214)
653496.88	4219730.60	4.23473	(18102214)	653516.88	4219730.60	3.95588	(18102214)
653396.88	4219750.60	5.55847	(18102214)	653416.88	4219750.60	5.34247	(18102214)
653436.88	4219750.60	5.08205	(18102214)	653456.88	4219750.60	4.78235	(18102214)
653476.88	4219750.60	4.46201	(18102214)	653496.88			

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4219750.60        4.12833  (18102214)
        653516.88   4219750.60        4.00511  (19090914)                653396.88
4219770.60        5.79611  (18102214)
        653416.88   4219770.60        5.46340  (18102214)                653436.88
4219770.60        5.08472  (18102214)
        653456.88   4219770.60        4.69024  (18102214)                653476.88
4219770.60        4.49379  (19090914)
        653496.88   4219770.60        4.36578  (19090914)                653516.88
4219770.60        4.21382  (19090914)
        653476.88   4219790.60        4.75240  (19090914)                653496.88
4219790.60        4.54564  (19090914)
        653516.88   4219790.60        4.32380  (19090914)                653476.88
4219810.60        4.88999  (19090914)
        653496.88   4219810.60        4.59755  (19090914)                653516.88
4219810.60        4.30990  (19090914)
        653476.88   4219830.60        4.86729  (19090914)                653496.88
4219830.60        4.50711  (19090914)
        653516.88   4219830.60        4.15751  (19090914)                653476.88
4219850.60        4.66683  (19071514)
        653496.88   4219850.60        4.34781  (19071514)                653516.88
4219850.60        4.03884  (19071514)
        653476.88   4219870.60        4.51300  (19071514)                653496.88
4219870.60        4.15117  (19071514)
        653516.88   4219870.60        3.88848  (19062414)                653476.88
4219890.60        4.47588  (19062414)
        653496.88   4219890.60        4.29578  (19062414)                653516.88
4219890.60        4.11779  (19062414)
        652096.56   4220162.55        2.30245  (18011514)                652116.56
4220162.55        2.36693  (20012014)
        652136.56   4220162.55        2.46902  (20012014)                652156.56
4220162.55        2.57763  (20012014)
        652176.56   4220162.55        2.69322  (20012014)                652196.56
4220162.55        2.81628  (20012014)
        652216.56   4220162.55        2.94734  (20012014)                652236.56
4220162.55        3.08696  (20012014)
        652256.56   4220162.55        3.23573  (20012014)                652276.56
4220162.55        3.39431  (20012014)
        652296.56   4220162.55        3.56337  (20012014)                652316.56
4220162.55        3.74363  (20012014)
        652336.56   4220162.55        3.93586  (20012014)                652356.56
4220162.55        4.14084  (20012014)
        652376.56   4220162.55        4.35940  (20012014)                652396.56
4220162.55        4.59277  (20012014)
        652416.56   4220162.55        4.84116  (20012014)                652436.56
4220162.55        5.10520  (20012014)
        652456.56   4220162.55        5.38722  (20012014)                652096.56
4220182.55        2.39789  (20012014)
        652116.56   4220182.55        2.49540  (20012014)                652136.56
4220182.55        2.59870  (20012014)
        652156.56   4220182.55        2.70813  (20012014)                652176.56
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4220182.55 2.82415 (20012014)
652196.56 4220182.55 2.94697 (20012014) 652216.56
4220182.55 3.07697 (20012014)
652236.56 4220182.55 3.21461 (20012014) 652256.56
4220182.55 3.36041 (20012014)
652276.56 4220182.55 3.51468 (20012014) 652296.56
4220182.55 3.67780 (20012014)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
652316.56	4220182.55	3.85015	(20012014)	652336.56	4220182.55	4.03207	(20012014)
652356.56	4220182.55	4.22403	(20012014)	652376.56	4220182.55	4.42608	(20012014)
652396.56	4220182.55	4.63808	(20012014)	652416.56	4220182.55	4.86033	(20012014)
652436.56	4220182.55	5.09172	(20012014)	652456.56	4220182.55	5.33405	(20012014)
652476.56	4220182.55	5.58773	(20012014)	652096.56	4220202.55	2.48748	(20012014)
652116.56	4220202.55	2.58302	(20012014)	652136.56	4220202.55	2.68384	(20012014)
652156.56	4220202.55	2.78988	(20012014)	652176.56	4220202.55	2.90167	(20012014)
652196.56	4220202.55	3.01920	(20012014)	652216.56	4220202.55	3.14274	(20012014)
652236.56	4220202.55	3.27246	(20012014)	652256.56	4220202.55	3.40851	(20012014)
652276.56	4220202.55	3.55097	(20012014)	652296.56	4220202.55	3.69988	(20012014)
652316.56	4220202.55	3.85518	(20012014)	652336.56			

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4220202.55        4.01673  (20012014)
        652356.56   4220202.55        4.18421  (20012014)                652376.56
4220202.55        4.35736  (20012014)
        652396.56   4220202.55        4.53505  (20012014)                652416.56
4220202.55        4.71643  (20012014)
        652436.56   4220202.55        4.90003  (20012014)                652456.56
4220202.55        5.18586  (19120214)
        652476.56   4220202.55        5.61305  (19120214)                652096.56
4220222.55        2.53587  (20012014)
        652116.56   4220222.55        2.62613  (20012014)                652136.56
4220222.55        2.72064  (20012014)
        652156.56   4220222.55        2.81942  (20012014)                652176.56
4220222.55        2.92261  (20012014)
        652196.56   4220222.55        3.03000  (20012014)                652216.56
4220222.55        3.14182  (20012014)
        652236.56   4220222.55        3.25790  (20012014)                652256.56
4220222.55        3.37809  (20012014)
        652276.56   4220222.55        3.50215  (20012014)                652296.56
4220222.55        3.62988  (20012014)
        652316.56   4220222.55        3.76054  (20012014)                652336.56
4220222.55        3.89361  (20012014)
        652356.56   4220222.55        4.02823  (20012014)                652376.56
4220222.55        4.24273  (19120214)
        652396.56   4220222.55        4.55940  (19120214)                652416.56
4220222.55        4.89485  (19120214)
        652436.56   4220222.55        5.24674  (19120214)                652456.56
4220222.55        5.61688  (19120214)
        652476.56   4220222.55        6.00230  (19120214)                652096.56
4220242.55        2.54147  (20012014)
        652116.56   4220242.55        2.62334  (20012014)                652136.56
4220242.55        2.70828  (20012014)
        652156.56   4220242.55        2.79616  (20012014)                652176.56
4220242.55        2.88687  (20012014)
        652196.56   4220242.55        2.98024  (20012014)                652216.56
4220242.55        3.07603  (20012014)
        652236.56   4220242.55        3.17393  (20012014)                652256.56
4220242.55        3.27350  (20012014)
        652276.56   4220242.55        3.37422  (20012014)                652296.56
4220242.55        3.53134  (19120214)
        652316.56   4220242.55        3.77540  (19120214)                652336.56
4220242.55        4.03322  (19120214)
        652356.56   4220242.55        4.30448  (19120214)                652376.56
4220242.55        4.58765  (19120214)
        652396.56   4220242.55        4.88123  (19120214)                652416.56
4220242.55        5.18261  (19120214)
        652436.56   4220242.55        5.48731  (19120214)                652456.56
4220242.55        5.79621  (19120214)
        652476.56   4220242.55        6.09914  (19120214)                652096.56
4220262.55        2.50468  (20012014)
        652116.56   4220262.55        2.57556  (20012014)                652136.56
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4220262.55 2.64819 (20012014)
  652156.56 4220262.55 2.72225 (20012014) 652176.56
4220262.55 2.79768 (20012014)
  652196.56 4220262.55 2.87391 (20012014) 652216.56
4220262.55 2.98266 (19120214)
  652236.56 4220262.55 3.17470 (19120214) 652256.56
4220262.55 3.37707 (19120214)
  652276.56 4220262.55 3.58955 (19120214) 652296.56
4220262.55 3.81165 (19120214)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
652316.56	4220262.55	4.04254	(19120214)	652336.56	4220262.55	4.28094	(19120214)
652356.56	4220262.55	4.52505	(19120214)	652376.56	4220262.55	4.77236	(19120214)
652396.56	4220262.55	5.01952	(19120214)	652416.56	4220262.55	5.26216	(19120214)
652436.56	4220262.55	5.49509	(19120214)	652456.56	4220262.55	5.71464	(19120214)
652476.56	4220262.55	5.91013	(19120214)	652096.56	4220282.55	2.42826	(20012014)
652116.56	4220282.55	2.48622	(20012014)	652136.56	4220282.55	2.55163	(19120214)
652156.56	4220282.55	2.70541	(19120214)	652176.56	4220282.55	2.86728	(19120214)
652196.56	4220282.55	3.03685	(19120214)	652216.56	4220282.55	3.21397	(19120214)
652236.56	4220282.55	3.39824	(19120214)	652256.56	4220282.55	3.58899	(19120214)
652276.56	4220282.55	3.78526	(19120214)	652296.56			

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4220282.55        3.98575  (19120214)
        652316.56   4220282.55        4.18870  (19120214)                652336.56
4220282.55        4.39183  (19120214)
        652356.56   4220282.55        4.59223  (19120214)                652376.56
4220282.55        4.78625  (19120214)
        652396.56   4220282.55        4.96938  (19120214)                652416.56
4220282.55        5.13619  (19120214)
        652436.56   4220282.55        5.28122  (19120214)                652456.56
4220282.55        5.39934  (19120214)
        652476.56   4220282.55        5.47937  (19120214)                652096.56
4220302.55        2.46428  (19120214)
        652116.56   4220302.55        2.60175  (19120214)                652136.56
4220302.55        2.74520  (19120214)
        652156.56   4220302.55        2.89430  (19120214)                652176.56
4220302.55        3.04900  (19120214)
        652196.56   4220302.55        3.20846  (19120214)                652216.56
4220302.55        3.37206  (19120214)
        652236.56   4220302.55        3.53865  (19120214)                652256.56
4220302.55        3.70711  (19120214)
        652276.56   4220302.55        3.87598  (19120214)                652296.56
4220302.55        4.04309  (19120214)
        652316.56   4220302.55        4.20597  (19120214)                652336.56
4220302.55        4.36158  (19120214)
        652356.56   4220302.55        4.50632  (19120214)                652376.56
4220302.55        4.63592  (19120214)
        652396.56   4220302.55        4.74598  (19120214)                652416.56
4220302.55        4.82919  (19120214)
        652436.56   4220302.55        4.88280  (19120214)                652456.56
4220302.55        4.89906  (19120214)
        652476.56   4220302.55        4.86953  (19120214)                652096.56
4220322.55        2.62072  (19120214)
        652116.56   4220322.55        2.75170  (19120214)                652136.56
4220322.55        2.88629  (19120214)
        652156.56   4220322.55        3.02410  (19120214)                652176.56
4220322.55        3.16443  (19120214)
        652196.56   4220322.55        3.30610  (19120214)                652216.56
4220322.55        3.44789  (19120214)
        652236.56   4220322.55        3.58863  (19120214)                652256.56
4220322.55        3.72643  (19120214)
        652276.56   4220322.55        3.85919  (19120214)                652296.56
4220322.55        3.98441  (19120214)
        652316.56   4220322.55        4.09919  (19120214)                652336.56
4220322.55        4.20019  (19120214)
        652356.56   4220322.55        4.28358  (19120214)                652376.56
4220322.55        4.34513  (19120214)
        652396.56   4220322.55        4.38018  (19120214)                652416.56
4220322.55        4.38431  (19120214)
        652436.56   4220322.55        4.35385  (19120214)                652456.56
4220322.55        4.28139  (19120214)
        652476.56   4220322.55        4.53393  (20051814)                652096.56
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4220342.55 2.72911 (19120214)
  652116.56 4220342.55 2.84808 (19120214) 652136.56
4220342.55 2.96835 (19120214)
  652156.56 4220342.55 3.08878 (19120214) 652176.56
4220342.55 3.20837 (19120214)
  652196.56 4220342.55 3.32573 (19120214) 652216.56
4220342.55 3.43958 (19120214)
  652236.56 4220342.55 3.54804 (19120214) 652256.56
4220342.55 3.64906 (19120214)
  652276.56 4220342.55 3.74012 (19120214) 652296.56
4220342.55 3.81891 (19120214)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
652316.56	4220342.55	3.88232	(19120214)	652336.56	4220342.55	3.92711	(19120214)
652356.56	4220342.55	3.95001	(19120214)	652376.56	4220342.55	3.94697	(19120214)
652396.56	4220342.55	3.91450	(19120214)	652416.56	4220342.55	3.84970	(19120214)
652436.56	4220342.55	3.75027	(19120214)	652456.56	4220342.55	4.33404	(20051814)
652476.56	4220342.55	4.99381	(20051814)	652096.56	4220362.55	2.78477	(19120214)
652116.56	4220362.55	2.88719	(19120214)	652136.56	4220362.55	2.98807	(19120214)
652156.56	4220362.55	3.08627	(19120214)	652176.56	4220362.55	3.18063	(19120214)
652196.56	4220362.55	3.26930	(19120214)	652216.56	4220362.55	3.35082	(19120214)
652236.56	4220362.55	3.42343	(19120214)	652256.56			

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4220362.55        3.48475  (19120214)
        652276.56   4220362.55        3.53276  (19120214)                652296.56
4220362.55        3.56483  (19120214)
        652316.56   4220362.55        3.57834  (19120214)                652336.56
4220362.55        3.57057  (19120214)
        652356.56   4220362.55        3.53879  (19120214)                652376.56
4220362.55        3.48042  (19120214)
        652396.56   4220362.55        3.39310  (19120214)                652416.56
4220362.55        3.58831  (20051814)
        652436.56   4220362.55        4.09990  (20051814)                652456.56
4220362.55        4.61015  (20051814)
        652476.56   4220362.55        5.29511  (20051814)                652096.56
4220382.55        2.78639  (19120214)
        652116.56   4220382.55        2.86848  (19120214)                652136.56
4220382.55        2.94648  (19120214)
        652156.56   4220382.55        3.01924  (19120214)                652176.56
4220382.55        3.08539  (19120214)
        652196.56   4220382.55        3.14306  (19120214)                652216.56
4220382.55        3.19090  (19120214)
        652236.56   4220382.55        3.22684  (19120214)                652256.56
4220382.55        3.24920  (19120214)
        652276.56   4220382.55        3.25585  (19120214)                652296.56
4220382.55        3.24474  (19120214)
        652316.56   4220382.55        3.21368  (19120214)                652336.56
4220382.55        3.16122  (19120214)
        652356.56   4220382.55        3.08520  (19120214)                652376.56
4220382.55        3.14045  (20111614)
        652396.56   4220382.55        3.44629  (20051814)                652416.56
4220382.55        3.85691  (20051814)
        652436.56   4220382.55        4.37347  (20051814)                652456.56
4220382.55        4.79873  (20051814)
        652476.56   4220382.55        5.24069  (20051814)                652096.56
4220402.55        2.73534  (19120214)
        652116.56   4220402.55        2.79498  (19120214)                652136.56
4220402.55        2.84828  (19120214)
        652156.56   4220402.55        2.89416  (19120214)                652176.56
4220402.55        2.93129  (19120214)
        652196.56   4220402.55        2.95790  (19120214)                652216.56
4220402.55        2.97269  (19120214)
        652236.56   4220402.55        2.97407  (19120214)                652256.56
4220402.55        2.96063  (19120214)
        652276.56   4220402.55        2.93070  (19120214)                652296.56
4220402.55        2.88273  (19120214)
        652316.56   4220402.55        2.81573  (19120214)                652336.56
4220402.55        2.81664  (20111614)
        652356.56   4220402.55        3.01464  (20111614)                652376.56
4220402.55        3.29614  (20051814)
        652396.56   4220402.55        3.62262  (20051814)                652416.56
4220402.55        4.02739  (20051814)
        652436.56   4220402.55        4.37413  (20051814)                652456.56
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4220402.55 4.72972 (20051814)
  652476.56 4220402.55 5.08661 (20051814) 652096.56
4220422.55 2.63639 (19120214)
  652116.56 4220422.55 2.67258 (19120214) 652136.56
4220422.55 2.70087 (19120214)
  652156.56 4220422.55 2.72021 (19120214) 652176.56
4220422.55 2.72940 (19120214)
  652196.56 4220422.55 2.72694 (19120214) 652216.56
4220422.55 2.71190 (19120214)
  652236.56 4220422.55 2.68291 (19120214) 652256.56
4220422.55 2.63910 (19120214)
  652276.56 4220422.55 2.57933 (19120214) 652296.56
4220422.55 2.53919 (20111614)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
652316.56	4220422.55	2.71221	(20111614)	652336.56	4220422.55	2.88782	(20111614)
652356.56	4220422.55	3.14590	(20051814)	652376.56	4220422.55	3.45769	(20051814)
652396.56	4220422.55	3.73093	(20051814)	652416.56	4220422.55	4.01375	(20051814)
652436.56	4220422.55	4.29823	(20051814)	652456.56	4220422.55	4.58021	(20051814)
652476.56	4220422.55	5.06658	(22010314)	652096.56	4220442.55	2.49629	(19120214)
652116.56	4220442.55	2.50960	(19120214)	652136.56	4220442.55	2.51417	(19120214)
652156.56	4220442.55	2.50887	(19120214)	652176.56	4220442.55	2.49285	(19120214)
652196.56	4220442.55	2.46494	(19120214)	652216.56			

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4220442.55        2.42450  (19120214)
        652236.56   4220442.55        2.37081  (19120214)                652256.56
4220442.55        2.30344  (19120214)
        652276.56   4220442.55        2.45177  (20111614)                652296.56
4220442.55        2.60645  (20111614)
        652316.56   4220442.55        2.78189  (20051814)                652336.56
4220442.55        3.00175  (20051814)
        652356.56   4220442.55        3.25268  (20051814)                652376.56
4220442.55        3.47810  (20051814)
        652396.56   4220442.55        3.70797  (20051814)                652416.56
4220442.55        3.93556  (20051814)
        652436.56   4220442.55        4.19006  (22010314)                652456.56
4220442.55        4.80470  (22010314)
        652476.56   4220442.55        5.53203  (18012214)                652096.56
4220462.55        2.32341  (19120214)
        652116.56   4220462.55        2.31581  (19120214)                652136.56
4220462.55        2.29894  (19120214)
        652156.56   4220462.55        2.27209  (19120214)                652176.56
4220462.55        2.23471  (19120214)
        652196.56   4220462.55        2.18619  (19120214)                652216.56
4220462.55        2.12613  (19120214)
        652236.56   4220462.55        2.22618  (20111614)                652256.56
4220462.55        2.36304  (20111614)
        652276.56   4220462.55        2.50115  (20111614)                652296.56
4220462.55        2.68179  (20051814)
        652316.56   4220462.55        2.86685  (20051814)                652336.56
4220462.55        3.07303  (20051814)
        652356.56   4220462.55        3.26116  (20051814)                652376.56
4220462.55        3.44772  (20051814)
        652396.56   4220462.55        3.63052  (20051814)                652416.56
4220462.55        3.94152  (22010314)
        652436.56   4220462.55        4.44490  (22010314)                652456.56
4220462.55        5.12742  (18012214)
        652476.56   4220462.55        6.29280  (18012214)                652096.56
4220482.55        2.12690  (19120214)
        652116.56   4220482.55        2.10113  (19120214)                652136.56
4220482.55        2.06627  (19120214)
        652156.56   4220482.55        2.02196  (19120214)                652176.56
4220482.55        1.96804  (19120214)
        652196.56   4220482.55        2.02972  (20111614)                652216.56
4220482.55        2.15136  (20111614)
        652236.56   4220482.55        2.27434  (20111614)                652256.56
4220482.55        2.42410  (20051814)
        652276.56   4220482.55        2.58396  (20051814)                652296.56
4220482.55        2.75475  (20051814)
        652316.56   4220482.55        2.91465  (20051814)                652336.56
4220482.55        3.07262  (20051814)
        652356.56   4220482.55        3.22580  (20051814)                652376.56
4220482.55        3.37156  (20051814)
        652396.56   4220482.55        3.72021  (22010314)                652416.56
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4220482.55        4.13688  (22010314)
        652436.56   4220482.55        4.78301  (18012214)                652456.56
4220482.55        5.75443  (18012214)
        652476.56   4220482.55        6.57581  (18012214)                652216.56
4220502.55        2.21046  (20051814)
        652236.56   4220502.55        2.34957  (20051814)                652256.56
4220502.55        2.48930  (20051814)
        652276.56   4220502.55        2.63501  (20051814)                652296.56
4220502.55        2.77231  (20051814)
        652316.56   4220502.55        2.90560  (20051814)                652336.56
4220502.55        3.03268  (20051814)
        652356.56   4220502.55        3.20076  (22010314)                652376.56
4220502.55        3.52312  (22010314)
        652396.56   4220502.55        3.87269  (22010314)                652416.56
4220502.55        4.49181  (18012214)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:56:29

                                    PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GEN      ***
                                    INCLUDING SOURCE(S):     GEN         ,

                                              *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652436.56   4220502.55        5.30692  (18012214)                652456.56
4220502.55        6.00048  (18012214)
        652476.56   4220502.55        6.59703  (18012214)                652396.56
4220522.55        4.24358  (18012214)
        652416.56   4220522.55        4.93558  (18012214)                652436.56
4220522.55        5.52586  (18012214)
        652456.56   4220522.55        6.02450  (18012214)                652476.56
4220522.55        6.37655  (18012214)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:56:29
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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)
652763.96	4219991.30	951.97621	(19111008)	652783.96	4219991.30	1131.49209	(19111008)
652803.96	4219991.30	1326.48519	(19111008)	652823.96	4219991.30	1499.66412	(19111008)
652843.96	4219991.30	1966.83682	(20021508)	652763.96	4220011.30	910.26334	(20061506)
652783.96	4220011.30	1092.98730	(19111008)	652803.96	4220011.30	1430.08259	(19111008)
652823.96	4220011.30	1908.94926	(19111008)	652843.96	4220011.30	2576.18993	(19111008)
652763.96	4220031.30	902.86311	(19110508)	652783.96	4220031.30	1105.75637	(20061506)
652803.96	4220031.30	1400.91363	(20061506)	652823.96	4220031.30	1851.27092	(20061506)
652843.96	4220031.30	2594.64518	(20061506)	652763.96	4220051.30	938.23893	(19012817)
652783.96	4220051.30	1169.15396	(19012817)	652803.96	4220051.30	1496.27307	(19012817)
652823.96	4220051.30	1979.23151	(19012817)	652843.96	4220051.30	2720.05086	(19012817)
652763.96	4220071.30	988.63201	(19012817)	652783.96	4220071.30	1156.26185	(19012817)
652803.96	4220071.30	1392.84820	(18010109)	652823.96	4220071.30	1724.31133	(18010109)
652763.96	4220091.30	879.86256	(18010109)	652783.96	4220091.30	986.69179	(18010109)
652803.96	4220091.30	1129.01215	(19091007)	652823.96	4220091.30	1650.14656	(22040807)
652843.96	4220091.30	2225.38297	(22040807)	652763.96	4220111.30	739.76687	(19091007)
652783.96	4220111.30	957.44095	(22040807)	652803.96	4220111.30	1261.21797	(22040807)
652823.96	4220111.30	1516.37952	(22040807)	652843.96			

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4220111.30     1553.32812  (19091207)
        652783.96   4220131.30      989.65300  (22040807)                652803.96
4220131.30     1109.81365  (22040807)
        652823.96   4220131.30     1101.07478  (19091207)                653217.50
4220029.01      320.54047  (19011408)
        653237.50   4220029.01      293.91711  (19011408)                653257.50
4220029.01      270.87175  (19011408)
        653277.50   4220029.01      250.80087  (19011408)                653297.50
4220029.01      233.18651  (19011408)
        653217.50   4220049.01      326.05887  (19091107)                653237.50
4220049.01      295.04938  (19013023)
        653257.50   4220049.01      271.96499  (19013023)                653277.50
4220049.01      251.63506  (19013023)
        653297.50   4220049.01      233.75821  (19013023)                653217.50
4220069.01      377.56275  (19091107)
        653237.50   4220069.01      342.17914  (19091107)                653257.50
4220069.01      311.86212  (19091107)
        653277.50   4220069.01      285.16511  (19091107)                653297.50
4220069.01      261.57665  (19091107)
        653091.77   4220073.80      781.45087  (19091107)                653107.01
4220074.09      708.46781  (19091107)
        653127.01   4220074.09      626.80545  (19091107)                653147.01
4220074.09      557.46251  (19091107)
        653167.01   4220074.09      498.42247  (19091107)                653187.01
4220074.09      448.00329  (19091107)
        653207.01   4220074.09      404.62321  (19091107)                653226.41
4220070.49      363.58635  (19091107)
        653246.41   4220070.49      330.34525  (19091107)                653266.41
4220070.49      301.69926  (19091107)
        653286.41   4220070.49      276.63522  (19091107)                653306.41
4220070.49      254.30726  (19091107)
        653092.17   4220089.40      666.95468  (22070806)                653107.41
4220089.69      618.74036  (19091107)
        653127.41   4220089.69      569.20253  (19091107)                653147.41
4220089.69      522.21448  (19091107)
        653167.41   4220089.69      478.58441  (19091107)                653187.41
4220089.69      438.91472  (19091107)
        653207.41   4220089.69      402.92581  (19091107)                653226.41
4220090.49      371.73915  (19091107)
        653246.41   4220090.49      342.95875  (19091107)                653266.41
4220090.49      316.85203  (19091107)
        653286.41   4220090.49      293.46930  (19091107)                653306.41
4220090.49      272.27960  (19091107)
        653092.17   4220109.40      591.41525  (20103020)                653107.41
4220109.69      544.19879  (20022722)
        653127.41   4220109.69      492.80070  (22070806)                653147.41
4220109.69      453.73075  (22070806)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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)
653167.41	4220109.69	414.86869	(22070806)	653187.41	4220109.69	380.93491	(19091107)
653207.41	4220109.69	360.88893	(19091107)	653226.41	4220110.49	340.03954	(19091107)
653246.41	4220110.49	321.00213	(19091107)	653266.41	4220110.49	302.61355	(19091107)
653286.41	4220110.49	285.07167	(19091107)	653306.41	4220110.49	268.34525	(19091107)
653092.88	4220123.48	590.18310	(19040307)	653108.12	4220123.76	523.86859	(22100507)
653128.12	4220123.76	460.47815	(20103020)	653148.12	4220123.76	421.03954	(20022722)
653168.12	4220123.76	385.78488	(22070806)	653188.12	4220123.76	361.27784	(22070806)
653208.12	4220123.76	336.03978	(22070806)	653227.12	4220124.56	312.08313	(22070806)
653247.12	4220124.56	288.65673	(22070806)	653267.12	4220124.56	276.50726	(19091107)
653287.12	4220124.56	264.60672	(19091107)	653307.12	4220124.56	252.66419	(19091107)
652875.28	4219709.68	301.91267	(22092907)	652895.28	4219709.68	340.43197	(21010309)
652915.28	4219709.68	358.13039	(21010309)	652935.28	4219709.68	335.11082	(21010309)
652955.28	4219709.68	327.06876	(21092207)	652975.28	4219709.68	350.48775	(21102908)
652995.28	4219709.68	363.45472	(21102908)	653015.28	4219709.68	338.83008	(21102908)
652875.28	4219729.68	327.75156	(22092907)	652895.28	4219729.68	369.53860	(21010309)
652915.28	4219729.68	390.28128	(21010309)	652935.28			

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4219729.68      362.64550  (21010309)
        652955.28   4219729.68      355.34927  (21092207)                652975.28
4219729.68      388.71301  (21102908)
        652995.28   4219729.68      392.79956  (21102908)                653015.28
4219729.68      353.87926  (21102908)
        652875.28   4219749.68      357.45386  (20022008)                652895.28
4219749.68      402.75573  (21010309)
        652915.28   4219749.68      427.78639  (21010309)                652935.28
4219749.68      394.65531  (21010309)
        652955.28   4219749.68      387.27613  (21092207)                652975.28
4219749.68      431.54474  (21102908)
        652995.28   4219749.68      423.11672  (21102908)                653015.28
4219749.68      384.91641  (19110608)
        652875.28   4219769.68      399.65660  (20022008)                652895.28
4219769.68      441.24705  (21010309)
        652915.28   4219769.68      471.90537  (21010309)                652935.28
4219769.68      431.85615  (21010309)
        652955.28   4219769.68      438.86076  (21102908)                652975.28
4219769.68      479.61680  (21102908)
        652995.28   4219769.68      453.41532  (21102908)                653015.28
4219769.68      419.43014  (19110608)
        652875.28   4219789.68      448.96396  (20022008)                652895.28
4219789.68      486.84978  (21010309)
        652915.28   4219789.68      524.39904  (21010309)                652935.28
4219789.68      474.85190  (21010309)
        652955.28   4219789.68      502.64407  (21102908)                652975.28
4219789.68      532.58771  (21102908)
        652995.28   4219789.68      482.00231  (21102908)                653015.28
4219789.68      451.11709  (19110608)
        652875.28   4219809.68      507.11912  (20022008)                652895.28
4219809.68      540.81076  (21010309)
        652915.28   4219809.68      588.01617  (21010309)                652935.28
4219809.68      535.09039  (21092207)
        652955.28   4219809.68      578.33210  (21102908)                652975.28
4219809.68      590.49007  (21102908)
        652995.28   4219809.68      528.61945  (19110608)                653015.28
4219809.68      476.44681  (19110608)
        652875.28   4219829.68      575.51251  (20022008)                652895.28
4219829.68      605.83420  (21010309)
        652915.28   4219829.68      666.30921  (21010309)                652935.28
4219829.68      608.88986  (21092207)
        652955.28   4219829.68      668.84663  (21102908)                652975.28
4219829.68      651.65718  (21102908)
        652995.28   4219829.68      585.80938  (19110608)                653015.28
4219829.68      512.80131  (19110117)
        652875.28   4219849.68      656.37641  (20022008)                652895.28
4219849.68      685.14067  (21010309)
        652915.28   4219849.68      764.45908  (21010309)                652935.28
4219849.68      699.42913  (21092207)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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)
652955.28	4219849.68	776.94230	(21102908)	652975.28	4219849.68	713.28684	(21102908)
652995.28	4219849.68	636.64588	(19110608)	653015.28	4219849.68	561.99462	(19111808)
653396.88	4219710.60	146.88760	(18022108)	653416.88	4219710.60	138.46313	(18022108)
653436.88	4219710.60	128.73934	(18022108)	653456.88	4219710.60	120.68483	(19022418)
653476.88	4219710.60	118.35079	(19022418)	653496.88	4219710.60	118.65565	(19091307)
653516.88	4219710.60	119.40478	(19091307)	653396.88	4219730.60	145.26276	(18022108)
653416.88	4219730.60	133.63761	(18022108)	653436.88	4219730.60	129.94739	(19022418)
653456.88	4219730.60	129.72397	(19091307)	653476.88	4219730.60	130.61791	(19091307)
653496.88	4219730.60	130.14328	(19091307)	653516.88	4219730.60	128.56072	(19091307)
653396.88	4219750.60	143.60612	(19022418)	653416.88	4219750.60	142.62452	(19091307)
653436.88	4219750.60	143.73118	(19091307)	653456.88	4219750.60	143.15671	(19091307)
653476.88	4219750.60	141.23599	(19091307)	653496.88	4219750.60	138.10608	(19091307)
653516.88	4219750.60	134.07628	(19091307)	653396.88	4219770.60	159.26177	(19091307)
653416.88	4219770.60	158.57664	(19091307)	653436.88	4219770.60	156.22258	(19091307)
653456.88	4219770.60	152.39398	(19091307)	653476.88			

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4219770.60      147.49172  (19091307)
        653496.88   4219770.60      141.76691  (19091307)              653516.88
4219770.60      135.44203  (19091307)
        653476.88   4219790.60      148.67775  (19091307)              653496.88
4219790.60      140.58680  (19091307)
        653516.88   4219790.60      132.18653  (19091307)              653476.88
4219810.60      144.24409  (19091307)
        653496.88   4219810.60      135.97575  (19062406)              653516.88
4219810.60      130.53760  (19062406)
        653476.88   4219830.60      143.50526  (19062406)              653496.88
4219830.60      136.31929  (19062406)
        653516.88   4219830.60      129.10676  (19062406)              653476.88
4219850.60      140.32177  (19062406)
        653496.88   4219850.60      131.42320  (19062406)              653516.88
4219850.60      122.84297  (19062406)
        653476.88   4219870.60      133.25596  (19062306)              653496.88
4219870.60      127.66989  (19062306)
        653516.88   4219870.60      122.13018  (19062306)              653476.88
4219890.60      133.57151  (19062306)
        653496.88   4219890.60      126.45585  (19062306)              653516.88
4219890.60      119.64921  (19062306)
        652096.56   4220162.55       96.46415  (19012817)              652116.56
4220162.55      100.59002  (19012817)
        652136.56   4220162.55      104.71889  (19012817)              652156.56
4220162.55      109.14603  (19012817)
        652176.56   4220162.55      113.83510  (19012817)              652196.56
4220162.55      118.60657  (19012817)
        652216.56   4220162.55      123.63156  (19012817)              652236.56
4220162.55      128.93324  (19012817)
        652256.56   4220162.55      134.31482  (19012817)              652276.56
4220162.55      139.91679  (19012817)
        652296.56   4220162.55      145.77948  (19012817)              652316.56
4220162.55      151.65671  (19012817)
        652336.56   4220162.55      157.77349  (19012817)              652356.56
4220162.55      163.94673  (19012817)
        652376.56   4220162.55      170.22847  (19012817)              652396.56
4220162.55      176.34067  (19012817)
        652416.56   4220162.55      182.31153  (19012817)              652436.56
4220162.55      188.14968  (19012817)
        652456.56   4220162.55      199.78714  (18010109)              652096.56
4220182.55       99.33878  (19012817)
        652116.56   4220182.55      103.04002  (19012817)              652136.56
4220182.55      106.78227  (19012817)
        652156.56   4220182.55      110.60999  (19012817)              652176.56
4220182.55      114.58980  (19012817)
        652196.56   4220182.55      118.71859  (19012817)              652216.56
4220182.55      122.83613  (19012817)
        652236.56   4220182.55      127.03177  (19012817)              652256.56
4220182.55      131.31058  (19012817)
        652276.56   4220182.55      135.55640  (19012817)              652296.56
```

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_IDLE   ***
                                    INCLUDING SOURCE(S):   M_IDLE   ,

                                              *** 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)
 -
- -
        652316.56   4220182.55   143.88368 (19012817)   652336.56
4220182.55   147.89972 (19012817)
        652356.56   4220182.55   151.74475 (19012817)   652376.56
4220182.55   159.53061 (18010109)
        652396.56   4220182.55   169.15836 (18010109)   652416.56
4220182.55   179.06424 (18010109)
        652436.56   4220182.55   189.13443 (18010109)   652456.56
4220182.55   199.10437 (18010109)
        652476.56   4220182.55   208.87789 (18010109)   652096.56
4220202.55   99.28745 (19012817)
        652116.56   4220202.55   102.34121 (19012817)   652136.56
4220202.55   105.35347 (19012817)
        652156.56   4220202.55   108.47558 (19012817)   652176.56
4220202.55   111.51382 (19012817)
        652196.56   4220202.55   114.61706 (19012817)   652216.56
4220202.55   117.61614 (19012817)
        652236.56   4220202.55   120.41527 (19012817)   652256.56
4220202.55   123.29007 (19012817)
        652276.56   4220202.55   125.85941 (19012817)   652296.56
4220202.55   131.36412 (18010109)
        652316.56   4220202.55   138.48398 (18010109)   652336.56
4220202.55   145.75380 (18010109)
        652356.56   4220202.55   153.19347 (18010109)   652376.56
4220202.55   160.59099 (18010109)
        652396.56   4220202.55   167.89349 (18010109)   652416.56
4220202.55   174.92875 (18010109)
        652436.56   4220202.55   181.61960 (18010109)   652456.56

4220202.55 187.56899 (18010109)
652476.56 4220202.55 192.59740 (18010109) 652096.56
4220222.55 96.27102 (19012817)
652116.56 4220222.55 98.61450 (19012817) 652136.56
4220222.55 100.70581 (19012817)
652156.56 4220222.55 102.82270 (19012817) 652176.56
4220222.55 104.87549 (19012817)
652196.56 4220222.55 106.67543 (19012817) 652216.56
4220222.55 110.71482 (18010109)
652236.56 4220222.55 116.14632 (18010109) 652256.56
4220222.55 121.75237 (18010109)
652276.56 4220222.55 127.41351 (18010109) 652296.56
4220222.55 133.10069 (18010109)
652316.56 4220222.55 138.73632 (18010109) 652336.56
4220222.55 144.25308 (18010109)
652356.56 4220222.55 149.53590 (18010109) 652376.56
4220222.55 154.52662 (18010109)
652396.56 4220222.55 158.93670 (18010109) 652416.56
4220222.55 162.61726 (18010109)
652436.56 4220222.55 166.18058 (21021908) 652456.56
4220222.55 173.86408 (21021908)
652476.56 4220222.55 180.78236 (21021908) 652096.56
4220242.55 90.65539 (19012817)
652116.56 4220242.55 91.99654 (19012817) 652136.56
4220242.55 95.01380 (18010109)
652156.56 4220242.55 99.28444 (18010109) 652176.56
4220242.55 103.73440 (18010109)
652196.56 4220242.55 108.17146 (18010109) 652216.56
4220242.55 112.69270 (18010109)
652236.56 4220242.55 117.11197 (18010109) 652256.56
4220242.55 121.54589 (18010109)
652276.56 4220242.55 125.81907 (18010109) 652296.56
4220242.55 129.89342 (18010109)
652316.56 4220242.55 133.71061 (18010109) 652336.56
4220242.55 137.08457 (18010109)
652356.56 4220242.55 139.91520 (18010109) 652376.56
4220242.55 142.17612 (18010109)
652396.56 4220242.55 147.94028 (21021908) 652416.56
4220242.55 153.57344 (21021908)
652436.56 4220242.55 158.45879 (21021908) 652456.56
4220242.55 162.19192 (21021908)
652476.56 4220242.55 168.48330 (18010223) 652096.56
4220262.55 89.78526 (18010109)
652116.56 4220262.55 93.38074 (18010109) 652136.56
4220262.55 97.02793 (18010109)
652156.56 4220262.55 100.62636 (18010109) 652176.56
4220262.55 104.17332 (18010109)
652196.56 4220262.55 107.71655 (18010109) 652216.56
4220262.55 111.10315 (18010109)
652236.56 4220262.55 114.31245 (18010109) 652256.56

4220262.55   117.28764 (18010109)
        652276.56   4220262.55   119.94893 (18010109)   652296.56
4220262.55   122.17833 (18010109)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_IDLE   ***
                                    INCLUDING SOURCE(S):   M_IDLE   ,

                                              *** 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)
 -
- -
        652316.56   4220262.55   123.98022 (18010109)   652336.56
4220262.55   127.92141 (21021908)
        652356.56   4220262.55   132.65842 (21021908)   652376.56
4220262.55   136.85392 (21021908)
        652396.56   4220262.55   140.31790 (21021908)   652416.56
4220262.55   143.23489 (18010223)
        652436.56   4220262.55   148.89754 (18010223)   652456.56
4220262.55   159.04408 (19091007)
        652476.56   4220262.55   169.54330 (19091007)   652096.56
4220282.55   90.59894 (18010109)
        652116.56   4220282.55   93.51171 (18010109)   652136.56
4220282.55   96.38617 (18010109)
        652156.56   4220282.55   99.11890 (18010109)   652176.56
4220282.55   101.69359 (18010109)
        652196.56   4220282.55   104.06049 (18010109)   652216.56
4220282.55   106.20296 (18010109)
        652236.56   4220282.55   107.98334 (18010109)   652256.56
4220282.55   109.42552 (18010109)
        652276.56   4220282.55   112.04312 (21021908)   652296.56
4220282.55   116.07637 (21021908)
        652316.56   4220282.55   119.69926 (21021908)   652336.56
4220282.55   122.86687 (21021908)
        652356.56   4220282.55   125.31453 (21021908)   652376.56
4220282.55   128.49866 (18010223)
        652396.56   4220282.55   132.95817 (18010223)   652416.56

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4220282.55      141.61498  (19091007)
        652436.56   4220282.55      150.28609  (19091007)                652456.56
4220282.55      157.98107  (19091007)
        652476.56   4220282.55      164.16726  (19091007)                652096.56
4220302.55       89.20210  (18010109)
        652116.56   4220302.55       91.29559  (18010109)                652136.56
4220302.55       93.21529  (18010109)
        652156.56   4220302.55       94.96236  (18010109)                652176.56
4220302.55       96.39738  (18010109)
        652196.56   4220302.55       97.59257  (18010109)                652216.56
4220302.55       99.24083  (21021908)
        652236.56   4220302.55      102.68867  (21021908)                652256.56
4220302.55      105.84639  (21021908)
        652276.56   4220302.55      108.62301  (21021908)                652296.56
4220302.55      110.97736  (21021908)
        652316.56   4220302.55      112.71361  (21021908)                652336.56
4220302.55      116.16296  (18010223)
        652356.56   4220302.55      119.74633  (21010817)                652376.56
4220302.55      127.24796  (19091007)
        652396.56   4220302.55      134.54626  (19091007)                652416.56
4220302.55      141.02167  (19091007)
        652436.56   4220302.55      146.33447  (19091007)                652456.56
4220302.55      150.11498  (19091007)
        652476.56   4220302.55      169.06440  (22040807)                652096.56
4220322.55       85.62231  (18010109)
        652116.56   4220322.55       86.80689  (18010109)                652136.56
4220322.55       87.80728  (18010109)
        652156.56   4220322.55       88.73312  (21021908)                652176.56
4220322.55       91.67648  (21021908)
        652196.56   4220322.55       94.46594  (21021908)                652216.56
4220322.55       96.94948  (21021908)
        652236.56   4220322.55       99.09455  (21021908)                652256.56
4220322.55      100.81478  (21021908)
        652276.56   4220322.55      102.31537  (18010223)                652296.56
4220322.55      105.71421  (18010223)
        652316.56   4220322.55      108.81795  (21010817)                652336.56
4220322.55      115.22312  (19091007)
        652356.56   4220322.55      121.44479  (19091007)                652376.56
4220322.55      126.98199  (19091007)
        652396.56   4220322.55      131.59773  (19091007)                652416.56
4220322.55      134.99819  (19091007)
        652436.56   4220322.55      145.41296  (22040807)                652456.56
4220322.55      163.38010  (22040807)
        652476.56   4220322.55      181.40734  (22040807)                652096.56
4220342.55       80.15343  (18010109)
        652116.56   4220342.55       82.52384  (21021908)                652136.56
4220342.55       84.96773  (21021908)
        652156.56   4220342.55       87.20662  (21021908)                652176.56
4220342.55       89.15115  (21021908)
        652196.56   4220342.55       90.81682  (21021908)                652216.56
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: M_IDLE ***
INCLUDING SOURCE(S): M_IDLE ,

*** 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)
652316.56	4220342.55	110.39600	(19091007)	652336.56	4220342.55	115.17625	(19091007)
652356.56	4220342.55	119.21754	(19091007)	652376.56	4220342.55	122.26500	(19091007)
652396.56	4220342.55	126.43753	(22040807)	652416.56	4220342.55	141.74910	(22040807)
652436.56	4220342.55	157.41009	(22040807)	652456.56	4220342.55	172.73185	(22040807)
652476.56	4220342.55	186.89555	(22040807)	652096.56	4220362.55	78.97845	(21021908)
652116.56	4220362.55	80.75660	(21021908)	652136.56	4220362.55	82.29319	(21021908)
652156.56	4220362.55	83.55790	(21021908)	652176.56	4220362.55	84.47937	(21021908)
652196.56	4220362.55	86.69954	(18010223)	652216.56	4220362.55	89.03742	(18010223)
652236.56	4220362.55	91.47419	(21010817)	652256.56	4220362.55	96.29809	(19091007)
652276.56	4220362.55	100.97328	(19091007)	652296.56	4220362.55	105.14361	(19091007)
652316.56	4220362.55	108.70918	(19091007)	652336.56	4220362.55	111.46185	(19091007)
652356.56	4220362.55	113.42600	(21022608)	652376.56			

4220362.55 123.91482 (22040807)
652396.56 4220362.55 137.63361 (22040807) 652416.56
4220362.55 151.34563 (22040807)
652436.56 4220362.55 164.31208 (22040807) 652456.56
4220362.55 175.96699 (22040807)
652476.56 4220362.55 185.64077 (22040807) 652096.56
4220382.55 76.22376 (21021908)
652116.56 4220382.55 77.17932 (21021908) 652136.56
4220382.55 78.09123 (18010223)
652156.56 4220382.55 80.33553 (18010223) 652176.56
4220382.55 82.30081 (18010223)
652196.56 4220382.55 84.51106 (21010817) 652216.56
4220382.55 88.75014 (19091007)
652236.56 4220382.55 92.85711 (19091007) 652256.56
4220382.55 96.52776 (19091007)
652276.56 4220382.55 99.69786 (19091007) 652296.56
4220382.55 102.21478 (19091007)
652316.56 4220382.55 103.90215 (19091007) 652336.56
4220382.55 109.20922 (22040807)
652356.56 4220382.55 121.14517 (22040807) 652376.56
4220382.55 133.27959 (22040807)
652396.56 4220382.55 145.11624 (22040807) 652416.56
4220382.55 156.13309 (22040807)
652436.56 4220382.55 165.76961 (22040807) 652456.56
4220382.55 173.44552 (22040807)
652476.56 4220382.55 178.58485 (22040807) 652096.56
4220402.55 72.80581 (18010223)
652116.56 4220402.55 74.72792 (18010223) 652136.56
4220402.55 76.37950 (18010223)
652156.56 4220402.55 78.41816 (21010817) 652176.56
4220402.55 82.16703 (19091007)
652196.56 4220402.55 85.80397 (19091007) 652216.56
4220402.55 89.05812 (19091007)
652236.56 4220402.55 91.88582 (19091007) 652256.56
4220402.55 94.18481 (19091007)
652276.56 4220402.55 95.77580 (19091007) 652296.56
4220402.55 97.92730 (21022608)
652316.56 4220402.55 107.31601 (22040807) 652336.56
4220402.55 118.10735 (22040807)
652356.56 4220402.55 128.85867 (22040807) 652376.56
4220402.55 139.06651 (22040807)
652396.56 4220402.55 148.32298 (22040807) 652416.56
4220402.55 156.21627 (22040807)
652436.56 4220402.55 162.26472 (22040807) 652456.56
4220402.55 165.98028 (22040807)
652476.56 4220402.55 166.76211 (22040807) 652096.56
4220422.55 71.14385 (18010223)
652116.56 4220422.55 73.04839 (21010817) 652136.56
4220422.55 76.37981 (19091007)
652156.56 4220422.55 79.62219 (19091007) 652176.56

4220422.55   82.52969 (19091007)
        652196.56   4220422.55   85.05592 (19091007)   652216.56
4220422.55   87.15917 (19091007)
        652236.56   4220422.55   88.65031 (19091007)   652256.56
4220422.55   90.30341 (21022608)
        652276.56   4220422.55   95.60379 (22040807)   652296.56
4220422.55   105.17725 (22040807)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: M_IDLE   ***
                                    INCLUDING SOURCE(S):   M_IDLE   ,

                                                *** 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)
 -
- -
        652316.56   4220422.55   114.84876 (22040807)   652336.56
4220422.55   124.27493 (22040807)
        652356.56   4220422.55   133.06425 (22040807)   652376.56
4220422.55   140.90312 (22040807)
        652396.56   4220422.55   147.33919 (22040807)   652416.56
4220422.55   152.06040 (22040807)
        652436.56   4220422.55   154.60573 (22040807)   652456.56
4220422.55   154.49681 (22040807)
        652476.56   4220422.55   153.69168 (19091207)   652096.56
4220442.55   71.26357 (19091007)
        652116.56   4220442.55   74.16855 (19091007)   652136.56
4220442.55   76.77888 (19091007)
        652156.56   4220442.55   79.05087 (19091007)   652176.56
4220442.55   80.98728 (19091007)
        652196.56   4220442.55   82.39259 (19091007)   652216.56
4220442.55   83.57537 (21022608)
        652236.56   4220442.55   85.64162 (22040807)   652256.56
4220442.55   94.15235 (22040807)
        652276.56   4220442.55   102.86048 (22040807)   652296.56
4220442.55   111.51164 (22040807)
        652316.56   4220442.55   119.75619 (22040807)   652336.56

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4220442.55      127.29607  (22040807)
        652356.56   4220442.55      133.86322  (22040807)              652376.56
4220442.55      139.07061  (22040807)
        652396.56   4220442.55      142.72459  (22040807)              652416.56
4220442.55      144.29808  (22040807)
        652436.56   4220442.55      143.95861  (19091207)              652456.56
4220442.55      142.76353  (19091207)
        652476.56   4220442.55      138.73747  (19091207)              652096.56
4220462.55       71.68698  (19091007)
        652116.56   4220462.55       73.74172  (19091007)              652136.56
4220462.55       75.52323  (19091007)
        652156.56   4220462.55       76.85543  (19091007)              652176.56
4220462.55       77.70357  (19091007)
        652196.56   4220462.55       79.62438  (21022608)              652216.56
4220462.55       84.66550  (22040807)
        652236.56   4220462.55       92.49494  (22040807)              652256.56
4220462.55      100.36519  (22040807)
        652276.56   4220462.55      108.05093  (22040807)              652296.56
4220462.55      115.23615  (22040807)
        652316.56   4220462.55      121.71779  (22040807)              652336.56
4220462.55      127.21141  (22040807)
        652356.56   4220462.55      131.43316  (22040807)              652376.56
4220462.55      134.15034  (22040807)
        652396.56   4220462.55      134.96099  (22040807)              652416.56
4220462.55      134.58045  (19091207)
        652436.56   4220462.55      132.99279  (19091207)              652456.56
4220462.55      128.89929  (19091207)
        652476.56   4220462.55      123.17911  (20071106)              652096.56
4220482.55       70.65866  (19091007)
        652116.56   4220482.55       71.92566  (19091007)              652136.56
4220482.55       72.73641  (19091007)
        652156.56   4220482.55       74.26311  (21022608)              652176.56
4220482.55       76.44484  (22040807)
        652196.56   4220482.55       83.49370  (22040807)              652216.56
4220482.55       90.68649  (22040807)
        652236.56   4220482.55       97.78809  (22040807)              652256.56
4220482.55      104.59687  (22040807)
        652276.56   4220482.55      110.84619  (22040807)              652296.56
4220482.55      116.40793  (22040807)
        652316.56   4220482.55      120.94109  (22040807)              652336.56
4220482.55      124.32985  (22040807)
        652356.56   4220482.55      126.25493  (22040807)              652376.56
4220482.55      126.47888  (22040807)
        652396.56   4220482.55      126.10512  (19091207)              652416.56
4220482.55      124.20605  (19091207)
        652436.56   4220482.55      120.13566  (19091207)              652456.56
4220482.55      115.55995  (20071106)
        652476.56   4220482.55      117.54835  (22020508)              652216.56
4220502.55       95.10821  (22040807)
        652236.56   4220502.55      101.10024  (22040807)              652256.56
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4220502.55      106.54308  (22040807)
        652276.56   4220502.55      111.28455  (22040807)                652296.56
4220502.55      115.01794  (22040807)
        652316.56   4220502.55      117.72013  (22040807)                652336.56
4220502.55      119.00080  (22040807)
        652356.56   4220502.55      118.76508  (22040807)                652376.56
4220502.55      118.42656  (19091207)
        652396.56   4220502.55      116.30218  (19091207)                652416.56
4220502.55      112.27111  (19091207)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:56:29

                                    PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  M_IDLE   ***
                                    INCLUDING SOURCE(S):     M_IDLE      ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652436.56   4220502.55      108.70821  (20071106)                652456.56
4220502.55      110.62432  (22020508)
        652476.56   4220502.55      113.02777  (19121922)                652396.56
4220522.55      105.17203  (19091207)
        652416.56   4220522.55      102.52790  (20071106)                652436.56
4220522.55      104.37873  (22020508)
        652456.56   4220522.55      106.36919  (19121922)                652476.56
4220522.55      110.44873  (19121922)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        15:56:29

                                    PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0001786    , L0001787
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, L0001788    , L0001789    , L0001790    ,
                L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652763.96   4219991.30     1497.43560  (20011217)               652783.96
4219991.30     1752.22140  (19111208)
        652803.96   4219991.30     2089.38667  (19111208)               652823.96
4219991.30     2435.74682  (19111208)
        652843.96   4219991.30     2839.66924  (22021020)               652763.96
4220011.30     1582.72854  (19110508)
        652783.96   4220011.30     1806.59659  (19110508)               652803.96
4220011.30     2164.89077  (20011217)
        652823.96   4220011.30     2692.74310  (20011217)               652843.96
4220011.30     3563.54224  (19111208)
        652763.96   4220031.30     1605.36017  (19110508)               652783.96
4220031.30     1876.55263  (19110508)
        652803.96   4220031.30     2258.56955  (19110508)               652823.96
4220031.30     2811.10906  (19110508)
        652843.96   4220031.30     3666.60977  (20061506)               652763.96
4220051.30     1600.05609  (19012817)
        652783.96   4220051.30     1898.37840  (19012817)               652803.96
4220051.30     2317.73443  (19012817)
        652823.96   4220051.30     2911.89643  (19012817)               652843.96
4220051.30     3787.72458  (19012817)
        652763.96   4220071.30     1702.82002  (19012817)               652783.96
4220071.30     1916.73362  (19012817)
        652803.96   4220071.30     2174.61256  (19012817)               652823.96
4220071.30     2512.95433  (18010109)
        652763.96   4220091.30     1519.83204  (18010109)               652783.96
4220091.30     1662.71000  (18010109)
        652803.96   4220091.30     1803.37147  (18010109)               652823.96
4220091.30     2070.37418  (22040807)
        652843.96   4220091.30     2784.35150  (22040807)               652763.96
4220111.30     1351.34295  (18010109)
        652783.96   4220111.30     1390.46652  (19091007)               652803.96
4220111.30     1703.77837  (22040807)
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        652823.96   4220111.30     2031.56623  (22040807)                652843.96
4220111.30     2207.64811  (22040807)
        652783.96   4220131.30     1558.47039  (22040807)                652803.96
4220131.30     1737.75093  (22040807)
        652823.96   4220131.30     1795.66893  (22040807)                653217.50
4220029.01     1653.22657  (19091107)
        653237.50   4220029.01     1324.39997  (19011408)                653257.50
4220029.01     1148.72274  (19011408)
        653277.50   4220029.01     1012.41969  (19011408)                653297.50
4220029.01      905.60753  (19011408)
        653217.50   4220049.01     1330.75042  (19091107)                653237.50
4220049.01     1238.91291  (19091107)
        653257.50   4220049.01     1114.14364  (19091107)                653277.50
4220049.01      988.53640  (19091107)
        653297.50   4220049.01      877.31113  (19091107)                653217.50
4220069.01     1188.29224  (19091107)
        653237.50   4220069.01     1107.63543  (19091107)                653257.50
4220069.01     1036.38208  (19091107)
        653277.50   4220069.01      963.30682  (19091107)                653297.50
4220069.01      889.21858  (19091107)
        653091.77   4220073.80     2387.26255  (19091107)                653107.01
4220074.09     2147.45498  (19091107)
        653127.01   4220074.09     1884.89839  (19091107)                653147.01
4220074.09     1655.28152  (19091107)
        653167.01   4220074.09     1469.90101  (19091107)                653187.01
4220074.09     1324.19628  (19091107)
        653207.01   4220074.09     1210.01121  (19091107)                653226.41
4220070.49     1142.22590  (19091107)
        653246.41   4220070.49     1067.83953  (19091107)                653266.41
4220070.49      998.06366  (19091107)
        653286.41   4220070.49      926.68526  (19091107)                653306.41
4220070.49      855.44014  (19091107)
        653092.17   4220089.40     1974.71724  (22070806)                653107.41
4220089.69     1796.67110  (22070806)
        653127.41   4220089.69     1612.64764  (22070806)                653147.41
4220089.69     1449.84558  (22070806)
        653167.41   4220089.69     1302.05273  (22070806)                653187.41
4220089.69     1184.24840  (19091107)
        653207.41   4220089.69     1096.18601  (19091107)                653226.41
4220090.49     1018.97013  (19091107)
        653246.41   4220090.49      955.95879  (19091107)                653266.41
4220090.49      901.54067  (19091107)
        653286.41   4220090.49      852.04358  (19091107)                653306.41
4220090.49      804.36293  (19091107)
        653092.17   4220109.40     1631.61299  (22071106)                653107.41
4220109.69     1531.26548  (22071106)
        653127.41   4220109.69     1383.71745  (22100507)                653147.41
4220109.69     1240.62454  (20022722)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                           ***        01/03/25
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*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0001786   , L0001787 , L0001788   , L0001789   , L0001790   ,
L0001791   , L0001792   , L0001793   , L0001794   , L0001795 , L0001796   , L0001797   , L0001798   ,
L0001799   , L0001800   , L0001801   , L0001802   , L0001803 , L0001804   , L0001805   , L0001806   ,
L0001807   , L0001808   , L0001809   , L0001810   , L0001811 , L0001812   , L0001813   , . . .   ,

*** 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)
653167.41	4220109.69	1143.23116	(20022722)	653187.41	4220109.69	1069.45035	(22070806)
653207.41	4220109.69	997.49634	(22070806)	653226.41	4220110.49	930.31570	(22070806)
653246.41	4220110.49	869.67044	(22070806)	653266.41	4220110.49	815.24202	(22070806)
653286.41	4220110.49	765.22679	(22070806)	653306.41	4220110.49	717.66099	(22070806)
653092.88	4220123.48	1416.17315	(22092307)	653108.12	4220123.76	1362.68386	(22071106)
653128.12	4220123.76	1283.43609	(22071106)	653148.12	4220123.76	1174.84665	(22100507)
653168.12	4220123.76	1069.79033	(22100507)	653188.12	4220123.76	982.80790	(19011209)
653208.12	4220123.76	913.26851	(20022722)	653227.12	4220124.56	858.76061	(22070806)
653247.12	4220124.56	815.93775	(22070806)	653267.12	4220124.56	774.25614	(22070806)
653287.12	4220124.56	734.46416	(22070806)	653307.12	4220124.56	696.24038	(22070806)
652875.28	4219709.68	497.35605	(20022008)	652895.28	4219709.68	485.97373	(22010620)
652915.28	4219709.68	511.65526	(21010309)	652935.28			

4219709.68 513.95481 (21010309)
652955.28 4219709.68 496.77027 (19052406) 652975.28
4219709.68 502.20496 (19121302)
652995.28 4219709.68 505.60309 (21102908) 653015.28
4219709.68 505.65216 (21102908)
652875.28 4219729.68 532.36839 (20022008) 652895.28
4219729.68 518.17713 (20012219)
652915.28 4219729.68 549.24100 (21010309) 652935.28
4219729.68 547.63346 (21010309)
652955.28 4219729.68 532.24909 (21092207) 652975.28
4219729.68 532.87713 (19121302)
652995.28 4219729.68 544.94058 (21102908) 653015.28
4219729.68 533.15635 (21102908)
652875.28 4219749.68 572.04853 (20022008) 652895.28
4219749.68 555.33815 (20012219)
652915.28 4219749.68 592.90047 (21010309) 652935.28
4219749.68 586.33538 (21010309)
652955.28 4219749.68 573.71555 (21092207) 652975.28
4219749.68 574.84503 (21102908)
652995.28 4219749.68 586.30724 (21102908) 653015.28
4219749.68 574.71138 (19110608)
652875.28 4219769.68 618.17244 (20022008) 652895.28
4219769.68 598.56711 (20012219)
652915.28 4219769.68 644.07560 (21010309) 652935.28
4219769.68 630.96216 (21010309)
652955.28 4219769.68 620.68270 (21092207) 652975.28
4219769.68 633.76692 (21102908)
652995.28 4219769.68 628.87705 (21102908) 653015.28
4219769.68 625.26861 (19110608)
652875.28 4219789.68 672.11206 (20022008) 652895.28
4219789.68 649.60275 (20012219)
652915.28 4219789.68 704.81377 (21010309) 652935.28
4219789.68 682.29680 (21010309)
652955.28 4219789.68 673.61678 (21092207) 652975.28
4219789.68 698.82410 (21102908)
652995.28 4219789.68 673.93780 (19110608) 653015.28
4219789.68 674.68220 (19110608)
652875.28 4219809.68 735.98050 (20022008) 652895.28
4219809.68 714.09746 (20022008)
652915.28 4219809.68 778.21259 (21010309) 652935.28
4219809.68 743.22396 (21010309)
652955.28 4219809.68 744.37487 (21102908) 652975.28
4219809.68 770.27306 (21102908)
652995.28 4219809.68 749.45038 (19110608) 653015.28
4219809.68 719.81038 (19110608)
652875.28 4219829.68 811.69857 (20022008) 652895.28
4219829.68 794.55523 (20022008)
652915.28 4219829.68 868.30506 (21010309) 652935.28
4219829.68 823.84188 (21092207)
652955.28 4219829.68 850.61850 (21102908) 652975.28

4219829.68   846.77303 (21102908)
        652995.28   4219829.68   826.52379 (19110608)   653015.28
4219829.68   769.85910 (19110117)
        652875.28   4219849.68   902.24729 (20022008)   652895.28
4219849.68   895.67992 (20022008)
        652915.28   4219849.68   980.94913 (21010309)   652935.28
4219849.68   931.89869 (21092207)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***

INCLUDING SOURCE(S):   L0001786   , L0001787
, L0001788   , L0001789   , L0001790   ,
L0001791   , L0001792   , L0001793   , L0001794   , L0001795
, L0001796   , L0001797   , L0001798   ,
L0001799   , L0001800   , L0001801   , L0001802   , L0001803
, L0001804   , L0001805   , L0001806   ,
L0001807   , L0001808   , L0001809   , L0001810   , L0001811
, L0001812   , L0001813   , . . .   ,

*** 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)
652955.28	4219849.68	976.93141	(21102908)	652975.28	4219849.68	935.80063	(19110608)
652995.28	4219849.68	899.47159	(19110608)	653015.28	4219849.68	826.68478	(19110117)
653396.88	4219710.60	371.50790	(18020522)	653416.88	4219710.60	364.18859	(18022108)
653436.88	4219710.60	364.03893	(18022108)	653456.88	4219710.60	359.41702	(18022108)
653476.88	4219710.60	350.73851	(18022108)	653496.88	4219710.60	338.53246	(18022108)
653516.88	4219710.60	323.20210	(18022108)	653396.88	4219730.60	390.39021	(18022108)
653416.88	4219730.60	388.53829	(18022108)	653436.88	4219730.60	381.82768	(18022108)

653456.88 4219730.60 370.67529 (18022108) 653476.88 4219730.60 355.68568 (18022108)
653496.88 4219730.60 337.50354 (18022108) 653516.88 4219730.60 324.24382 (18121004)
653396.88 4219750.60 415.22815 (18022108) 653416.88 4219750.60 406.05134 (18022108)
653436.88 4219750.60 392.13588 (18022108) 653456.88 4219750.60 374.00806 (18022108)
653476.88 4219750.60 352.35211 (18022108) 653496.88 4219750.60 344.47638 (18121004)
653516.88 4219750.60 333.63875 (18121004) 653396.88 4219770.60 432.40314 (18022108)
653416.88 4219770.60 415.17489 (18022108) 653436.88 4219770.60 393.34592 (18022108)
653456.88 4219770.60 376.50692 (18121004) 653476.88 4219770.60 365.37151 (18121004)
653496.88 4219770.60 351.61680 (19022418) 653516.88 4219770.60 338.07545 (19091307)
653476.88 4219790.60 372.79666 (19022418) 653496.88 4219790.60 367.52533 (19091307)
653516.88 4219790.60 359.68806 (19091307) 653476.88 4219810.60 398.28210 (19091307)
653496.88 4219810.60 386.11036 (19091307) 653516.88 4219810.60 371.28831 (19091307)
653476.88 4219830.60 412.36987 (19091307) 653496.88 4219830.60 392.33440 (19091307)
653516.88 4219830.60 376.65736 (19062406) 653476.88 4219850.60 421.29823 (19062406)
653496.88 4219850.60 406.13954 (19062406) 653516.88 4219850.60 389.33844 (19062406)
653476.88 4219870.60 433.82318 (19062406) 653496.88 4219870.60 410.77709 (19062406)
653516.88 4219870.60 387.27716 (19062406) 653476.88 4219890.60 430.89458 (19062306)
653496.88 4219890.60 415.34816 (19062306) 653516.88 4219890.60 399.01609 (19062306)
652096.56 4220162.55 219.69598 (19012817) 652116.56 4220162.55 228.71566 (19012817)
652136.56 4220162.55 238.00950 (19012817) 652156.56 4220162.55 247.87082 (19012817)
652176.56 4220162.55 258.25406 (19012817) 652196.56 4220162.55 268.98966 (19012817)
652216.56 4220162.55 280.28388 (19012817) 652236.56 4220162.55 292.18328 (19012817)
652256.56 4220162.55 304.51670 (19012817) 652276.56 4220162.55 317.42507 (19012817)
652296.56 4220162.55 330.97227 (19012817) 652316.56 4220162.55 344.93280 (19012817)
652336.56 4220162.55 359.56130 (19012817) 652356.56 4220162.55 374.67173 (19012817)

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        652376.56   4220162.55      390.34961  (19012817)                652396.56
4220162.55      406.33698  (19012817)
        652416.56   4220162.55      422.70589  (19012817)                652436.56
4220162.55      439.45483  (19012817)
        652456.56   4220162.55      456.34232  (19012817)                652096.56
4220182.55      229.45372  (19012817)
        652116.56   4220182.55      237.97605  (19012817)                652136.56
4220182.55      246.72086  (19012817)
        652156.56   4220182.55      255.76943  (19012817)                652176.56
4220182.55      265.22986  (19012817)
        652196.56   4220182.55      275.07321  (19012817)                652216.56
4220182.55      285.11886  (19012817)
        652236.56   4220182.55      295.48996  (19012817)                652256.56
4220182.55      306.20881  (19012817)
        652276.56   4220182.55      317.16834  (19012817)                652296.56
4220182.55      328.43476  (19012817)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                  L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                  L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
                  L0001807    , L0001808    , L0001809    , L0001810    , L0001811
, L0001812    , L0001813    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652316.56   4220182.55      339.72515  (19012817)                652336.56
4220182.55      351.30290  (19012817)
        652356.56   4220182.55      362.97775  (19012817)                652376.56
4220182.55      374.58349  (19012817)
        652396.56   4220182.55      386.00474  (19012817)                652416.56
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4220182.55      397.32354  (19012817)
        652436.56   4220182.55      409.10180  (22012517)              652456.56
4220182.55      424.28227  (22012517)
        652476.56   4220182.55      444.54554  (18010109)              652096.56
4220202.55      233.77313  (19012817)
        652116.56   4220202.55      241.33405  (19012817)              652136.56
4220202.55      249.03343  (19012817)
        652156.56   4220202.55      256.98647  (19012817)              652176.56
4220202.55      265.00050  (19012817)
        652196.56   4220202.55      273.25895  (19012817)              652216.56
4220202.55      281.58210  (19012817)
        652236.56   4220202.55      289.86112  (19012817)              652256.56
4220202.55      298.35837  (19012817)
        652276.56   4220202.55      306.71448  (19012817)              652296.56
4220202.55      315.10685  (19012817)
        652316.56   4220202.55      323.15880  (19012817)              652336.56
4220202.55      331.17401  (19012817)
        652356.56   4220202.55      341.45598  (22012517)              652376.56
4220202.55      352.50644  (22012517)
        652396.56   4220202.55      364.20237  (18033007)              652416.56
4220202.55      380.48464  (18010109)
        652436.56   4220202.55      398.87343  (18010109)              652456.56
4220202.55      417.09014  (18010109)
        652476.56   4220202.55      435.53261  (18021608)              652096.56
4220222.55      232.38861  (19012817)
        652116.56   4220222.55      238.76383  (19012817)              652136.56
4220222.55      244.97269  (19012817)
        652156.56   4220222.55      251.31957  (19012817)              652176.56
4220222.55      257.68356  (19012817)
        652196.56   4220222.55      263.87320  (19012817)              652216.56
4220222.55      270.11695  (19012817)
        652236.56   4220222.55      275.94137  (19012817)              652256.56
4220222.55      282.61715  (22012517)
        652276.56   4220222.55      291.12297  (22012517)              652296.56
4220222.55      299.42159  (22012517)
        652316.56   4220222.55      308.34239  (18033007)              652336.56
4220222.55      317.67516  (18033007)
        652356.56   4220222.55      331.15325  (18010109)              652376.56
4220222.55      345.32931  (18010109)
        652396.56   4220222.55      359.25088  (18010109)              652416.56
4220222.55      374.06287  (18021608)
        652436.56   4220222.55      391.98438  (18021608)              652456.56
4220222.55      409.49939  (18021608)
        652476.56   4220222.55      430.59739  (21021908)              652096.56
4220242.55      225.59152  (19012817)
        652116.56   4220242.55      230.33400  (19012817)              652136.56
4220242.55      235.05417  (19012817)
        652156.56   4220242.55      239.39578  (19012817)              652176.56
4220242.55      245.81864  (22012517)
        652196.56   4220242.55      252.40176  (22012517)              652216.56
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4220242.55   258.86154 (22012517)
        652236.56   4220242.55   265.81319 (18033007)   652256.56
4220242.55   273.15781 (18033007)
        652276.56   4220242.55   281.41213 (21021905)   652296.56
4220242.55   292.02596 (18010109)
        652316.56   4220242.55   303.19574 (18010109)   652336.56
4220242.55   314.11260 (18010109)
        652356.56   4220242.55   326.50550 (18021608)   652376.56
4220242.55   340.81269 (18021608)
        652396.56   4220242.55   354.74726 (18021608)   652416.56
4220242.55   369.81143 (21021908)
        652436.56   4220242.55   387.49108 (21021908)   652456.56
4220242.55   404.40802 (21021908)
        652476.56   4220242.55   420.28599 (21021908)   652096.56
4220262.55   216.62476 (22012517)
        652116.56   4220262.55   221.80948 (22012517)   652136.56
4220262.55   227.01021 (22012517)
        652156.56   4220262.55   232.55546 (18033007)   652176.56
4220262.55   238.46249 (18033007)
        652196.56   4220262.55   244.21292 (21021905)   652216.56
4220262.55   252.08671 (21021905)
        652236.56   4220262.55   260.30417 (18010109)   652256.56
4220262.55   269.27671 (18010109)
        652276.56   4220262.55   278.00702 (18010109)   652296.56
4220262.55   288.60030 (18021608)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0001786   , L0001787
, L0001788   , L0001789   , L0001790   ,
                 L0001791   , L0001792   , L0001793   , L0001794   , L0001795
, L0001796   , L0001797   , L0001798   ,
                 L0001799   , L0001800   , L0001801   , L0001802   , L0001803
, L0001804   , L0001805   , L0001806   ,
                 L0001807   , L0001808   , L0001809   , L0001810   , L0001811
, L0001812   , L0001813   , . . .   ,

                                                *** 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)
652316.56	4220262.55	300.23040	(18021608)	652336.56	4220262.55	311.58892	(18021608)
652356.56	4220262.55	322.55891	(21021908)	652376.56	4220262.55	337.11879	(21021908)
652396.56	4220262.55	351.12414	(21021908)	652416.56	4220262.55	364.31012	(21021908)
652436.56	4220262.55	376.42811	(21021908)	652456.56	4220262.55	389.12818	(18011106)
652476.56	4220262.55	403.76946	(18011106)	652096.56	4220282.55	210.70579	(18033007)
652116.56	4220282.55	215.42316	(18033007)	652136.56	4220282.55	221.21327	(21021905)
652156.56	4220282.55	227.65632	(21021905)	652176.56	4220282.55	234.14517	(18010109)
652196.56	4220282.55	241.43223	(18010109)	652216.56	4220282.55	248.57773	(18010109)
652236.56	4220282.55	257.80280	(18021608)	652256.56	4220282.55	267.42066	(18021608)
652276.56	4220282.55	276.81922	(18021608)	652296.56	4220282.55	285.82641	(18021608)
652316.56	4220282.55	296.94446	(21021908)	652336.56	4220282.55	308.78047	(21021908)
652356.56	4220282.55	319.99040	(21021908)	652376.56	4220282.55	330.39019	(21021908)
652396.56	4220282.55	339.69945	(21021908)	652416.56	4220282.55	352.03576	(18011106)
652436.56	4220282.55	363.59300	(18011106)	652456.56	4220282.55	378.36078	(18020724)
652476.56	4220282.55	394.03592	(18020804)	652096.56	4220302.55	207.02945	(21021905)
652116.56	4220302.55	212.23879	(21021905)	652136.56	4220302.55	218.26039	(18010109)
652156.56	4220302.55	224.16820	(18010109)	652176.56	4220302.55	232.34433	(18021608)
652196.56	4220302.55	240.39719	(18021608)	652216.56	4220302.55	248.27963	(18021608)
652236.56	4220302.55	255.86252	(18021608)	652256.56	4220302.55	264.30430	(21021908)
652276.56	4220302.55	274.34025	(21021908)	652296.56	4220302.55	284.00054	(21021908)
652316.56	4220302.55	293.03740	(21021908)	652336.56	4220302.55	301.32787	(21021908)
652356.56	4220302.55	310.19373	(18011106)	652376.56	4220302.55	320.68128	(18011106)
652396.56	4220302.55	329.99433	(18011106)	652416.56	4220302.55	342.72613	(18020724)

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        652436.56   4220302.55      356.00119  (18020804)                652456.56
4220302.55      368.40372  (18020804)
        652476.56   4220302.55      384.01642  (19012824)                652096.56
4220322.55      203.93273  (18021608)
        652116.56   4220322.55      210.95917  (18021608)                652136.56
4220322.55      217.80235  (18021608)
        652156.56   4220322.55      224.50441  (18021608)                652176.56
4220322.55      230.97212  (18021608)
        652196.56   4220322.55      237.35106  (21021908)                652216.56
4220322.55      245.99948  (21021908)
        652236.56   4220322.55      254.33436  (21021908)                652256.56
4220322.55      262.23379  (21021908)
        652276.56   4220322.55      269.52638  (21021908)                652296.56
4220322.55      276.14623  (21021908)
        652316.56   4220322.55      285.20019  (18011106)                652336.56
4220322.55      293.82710  (18011106)
        652356.56   4220322.55      301.84761  (18020724)                652376.56
4220322.55      312.70706  (18020724)
        652396.56   4220322.55      324.13887  (18020804)                652416.56
4220322.55      334.64753  (18020804)
        652436.56   4220322.55      347.46161  (19012824)                652456.56
4220322.55      360.63952  (21020422)
        652476.56   4220322.55      376.67235  (21022608)                652096.56
4220342.55      204.44003  (18021608)
        652116.56   4220342.55      209.97526  (18021608)                652136.56
4220342.55      215.26965  (18021608)
        652156.56   4220342.55      222.28936  (21021908)                652176.56
4220342.55      229.54988  (21021908)
        652196.56   4220342.55      236.51264  (21021908)                652216.56
4220342.55      242.98778  (21021908)
        652236.56   4220342.55      248.92269  (21021908)                652256.56
4220342.55      255.49631  (18011106)
        652276.56   4220342.55      263.41812  (18011106)                652296.56
4220342.55      270.57443  (18011106)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0001786    , L0001787
, L0001788    , L0001789    , L0001790    ,
                  L0001791    , L0001792    , L0001793    , L0001794    , L0001795
, L0001796    , L0001797    , L0001798    ,
                  L0001799    , L0001800    , L0001801    , L0001802    , L0001803
, L0001804    , L0001805    , L0001806    ,
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L0001807 , L0001808 , L0001809 , L0001810 , L0001811
, L0001812 , L0001813 , . . . ,

*** 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)
652316.56	4220342.55	277.75541	(18020724)	652336.56	4220342.55	287.00505	(18020724)
652356.56	4220342.55	296.98319	(18020804)	652376.56	4220342.55	306.01901	(18020804)
652396.56	4220342.55	316.52665	(19012824)	652416.56	4220342.55	327.84837	(21020422)
652436.56	4220342.55	341.48090	(21022608)	652456.56	4220342.55	353.81733	(21022608)
652476.56	4220342.55	363.19695	(21022608)	652096.56	4220362.55	202.20644	(21021908)
652116.56	4220362.55	208.60217	(21021908)	652136.56	4220362.55	214.73851	(21021908)
652156.56	4220362.55	220.53468	(21021908)	652176.56	4220362.55	225.89913	(21021908)
652196.56	4220362.55	230.71947	(21021908)	652216.56	4220362.55	237.63709	(18011106)
652236.56	4220362.55	244.32767	(18011106)	652256.56	4220362.55	250.27384	(18011106)
652276.56	4220362.55	256.85105	(18020724)	652296.56	4220362.55	264.76842	(18020724)
652316.56	4220362.55	273.56348	(18020804)	652336.56	4220362.55	281.39403	(18020804)
652356.56	4220362.55	290.18787	(19012824)	652376.56	4220362.55	299.97725	(21020422)
652396.56	4220362.55	311.42747	(21022608)	652416.56	4220362.55	322.79800	(21022608)
652436.56	4220362.55	331.88241	(21022608)	652456.56	4220362.55	339.39257	(22011724)
652476.56	4220362.55	349.16501	(22011724)	652096.56	4220382.55	201.33757	(21021908)
652116.56	4220382.55	206.19274	(21021908)	652136.56	4220382.55	210.62101	(21021908)
652156.56	4220382.55	215.56421	(18011106)	652176.56	4220382.55	221.78866	(18011106)
652196.56	4220382.55	227.44903	(18011106)	652216.56	4220382.55	232.44152	(18011106)
652236.56	4220382.55	238.55253	(18020724)	652256.56			

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4220382.55      245.43204  (18020804)
        652276.56   4220382.55      253.23824  (18020804)                652296.56
4220382.55      260.07631  (18020804)
        652316.56   4220382.55      267.44796  (19012824)                652336.56
4220382.55      276.13777  (19012824)
        652356.56   4220382.55      285.62760  (21022608)                652376.56
4220382.55      296.13532  (21022608)
        652396.56   4220382.55      304.77874  (21022608)                652416.56
4220382.55      311.11445  (21022608)
        652436.56   4220382.55      319.64705  (22011724)                652456.56
4220382.55      327.15694  (19120421)
        652476.56   4220382.55      339.06744  (19120424)                652096.56
4220402.55      196.92279  (21021908)
        652116.56   4220402.55      202.30368  (18011106)                652136.56
4220402.55      207.62292  (18011106)
        652156.56   4220402.55      212.45209  (18011106)                652176.56
4220402.55      216.72960  (19012906)
        652196.56   4220402.55      222.41309  (18020724)                652216.56
4220402.55      228.55089  (18020804)
        652236.56   4220402.55      235.42276  (18020804)                652256.56
4220402.55      241.44140  (18020804)
        652276.56   4220402.55      247.59557  (19012824)                652296.56
4220402.55      255.41358  (19012824)
        652316.56   4220402.55      263.71696  (21020422)                652336.56
4220402.55      272.87016  (21022608)
        652356.56   4220402.55      281.05665  (21022608)                652376.56
4220402.55      287.35573  (21022608)
        652396.56   4220402.55      293.60761  (22011724)                652416.56
4220402.55      300.97174  (22011724)
        652436.56   4220402.55      308.71398  (22120602)                652456.56
4220402.55      320.88621  (19120424)
        652476.56   4220402.55      334.09026  (20012519)                652096.56
4220422.55      194.92297  (18011106)
        652116.56   4220422.55      199.04232  (18011106)                652136.56
4220422.55      203.01339  (19012906)
        652156.56   4220422.55      208.07528  (18020724)                652176.56
4220422.55      213.61395  (18020804)
        652196.56   4220422.55      219.70182  (18020804)                652216.56
4220422.55      225.04836  (18020804)
        652236.56   4220422.55      230.18852  (19012824)                652256.56
4220422.55      237.26888  (19012824)
        652276.56   4220422.55      244.63858  (21020422)                652296.56
4220422.55      252.54661  (21022608)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_DPM
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       15:56:29

                                   PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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)
652316.56	4220422.55	260.27410	(21022608)	652336.56	4220422.55	266.43202	(21022608)
652356.56	4220422.55	270.77879	(22011724)	652376.56	4220422.55	278.21167	(22011724)
652396.56	4220422.55	284.27488	(19120421)	652416.56	4220422.55	292.87989	(22120602)
652436.56	4220422.55	303.98872	(19120424)	652456.56	4220422.55	315.76443	(20012519)
652476.56	4220422.55	324.38262	(20012519)	652096.56	4220442.55	190.73679	(19012906)
652116.56	4220442.55	195.27786	(18020724)	652136.56	4220442.55	200.31121	(18020804)
652156.56	4220442.55	205.72451	(18020804)	652176.56	4220442.55	210.50107	(18020804)
652196.56	4220442.55	214.82109	(19012824)	652216.56	4220442.55	221.24971	(19012824)
652236.56	4220442.55	227.78738	(18121905)	652256.56	4220442.55	234.54907	(21022608)
652276.56	4220442.55	241.82469	(21022608)	652296.56	4220442.55	247.80308	(21022608)
652316.56	4220442.55	252.20860	(21022608)	652336.56	4220442.55	257.87607	(22011724)
652356.56	4220442.55	263.49283	(22011724)	652376.56	4220442.55	269.15716	(19120421)
652396.56	4220442.55	278.83534	(19120424)	652416.56	4220442.55	289.09568	(20012519)
652436.56	4220442.55	298.91528	(20012519)	652456.56	4220442.55	305.81099	(20012519)

652476.56 4220442.55 312.83203 (21012923) 652096.56 4220462.55 188.40699 (18020804)
652116.56 4220462.55 193.23817 (18020804) 652136.56 4220462.55 197.51107 (18020804)
652156.56 4220462.55 201.14915 (19012824) 652176.56 4220462.55 206.99716 (19012824)
652196.56 4220462.55 212.82492 (18121905) 652216.56 4220462.55 218.77689 (18121905)
652236.56 4220462.55 225.44507 (21022608) 652256.56 4220462.55 231.20027 (21022608)
652276.56 4220462.55 235.62357 (21022608) 652296.56 4220462.55 239.65771 (22011724)
652316.56 4220462.55 245.42350 (22011724) 652336.56 4220462.55 250.50994 (19120421)
652356.56 4220462.55 256.69752 (22120602) 652376.56 4220462.55 265.93533 (19120424)
652396.56 4220462.55 275.22987 (20012519) 652416.56 4220462.55 283.38554 (20012519)
652436.56 4220462.55 288.81239 (20012519) 652456.56 4220462.55 296.35736 (21012923)
652476.56 4220462.55 306.53262 (20071106) 652096.56 4220482.55 185.86708 (18020804)
652116.56 4220482.55 189.07487 (18020804) 652136.56 4220482.55 194.26268 (19012824)
652156.56 4220482.55 199.47766 (18121905) 652176.56 4220482.55 205.02237 (18121905)
652196.56 4220482.55 210.79850 (21022608) 652216.56 4220482.55 216.30467 (21022608)
652236.56 4220482.55 220.69090 (21022608) 652256.56 4220482.55 223.79282 (21022608)
652276.56 4220482.55 229.11770 (22011724) 652296.56 4220482.55 233.54300 (19120421)
652316.56 4220482.55 238.42414 (19120421) 652336.56 4220482.55 245.54276 (19120424)
652356.56 4220482.55 253.79502 (19120424) 652376.56 4220482.55 262.32555 (20012519)
652396.56 4220482.55 269.04344 (20012519) 652416.56 4220482.55 273.22233 (20012519)
652436.56 4220482.55 281.31411 (21012923) 652456.56 4220482.55 290.66261 (20071106)
652476.56 4220482.55 300.35358 (20071106) 652216.56 4220502.55 210.43239 (21022608)
652236.56 4220502.55 214.30775 (22011724) 652256.56 4220502.55 218.90077 (22011724)
652276.56 4220502.55 223.24209 (19120421) 652296.56 4220502.55 227.73862 (22120602)
652316.56 4220502.55 235.46604 (19120424) 652336.56 4220502.55 242.78243 (20012519)
652356.56 4220502.55 250.27414 (20012519) 652376.56 4220502.55 255.75584 (20012519)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001786 , L0001787 , L0001788 , L0001789 , L0001790 ,
L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 , L0001797 , L0001798 ,
L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 , L0001805 , L0001806 ,
L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 , L0001813 , . . . ,

*** 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)
652436.56	4220502.55	276.19629	(20071106)	652456.56	4220502.55	284.79264	(20071106)
652476.56	4220502.55	290.15025	(20071106)	652396.56	4220522.55	254.84193	(21012923)
652416.56	4220522.55	262.98304	(20071106)	652436.56	4220522.55	270.61955	(20071106)
652456.56	4220522.55	275.29369	(20071106)	652476.56	4220522.55	281.04103	(21120122)

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
OFFSITE	1ST HIGHEST VALUE IS	100.03877 AT (652823.96, 4220131.30, 17.19, 17.19, 0.00)	DC		
	2ND HIGHEST VALUE IS	95.49617 AT (652803.96, 4220131.30, 17.73, 17.73, 0.00)	DC		
	3RD HIGHEST VALUE IS	86.25424 AT (652783.96, 4220131.30, 18.20, 18.20, 0.00)	DC		
	4TH HIGHEST VALUE IS	81.72149 AT (652843.96, 4220111.30, 16.74, 16.74, 0.00)	DC		
	5TH HIGHEST VALUE IS	71.35311 AT (652823.96, 4220111.30, 17.16, 17.16, 0.00)	DC		
	6TH HIGHEST VALUE IS	70.03404 AT (652843.96, 4220091.30, 16.82, 16.82, 0.00)	DC		
	7TH HIGHEST VALUE IS	66.06889 AT (652803.96, 4220111.30, 17.68, 17.68, 0.00)	DC		
	8TH HIGHEST VALUE IS	65.38646 AT (652763.96, 4220111.30, 18.59, 18.59, 0.00)	DC		
	9TH HIGHEST VALUE IS	62.15489 AT (652783.96, 4220111.30, 18.14, 18.14, 0.00)	DC		
	10TH HIGHEST VALUE IS	58.59157 AT (652823.96, 4220091.30, 17.19, 17.19, 0.00)	DC		
M_ONSITE	1ST HIGHEST VALUE IS	62.85417 AT (652843.96, 4220031.30, 17.09, 17.09, 0.00)	DC		
	2ND HIGHEST VALUE IS	58.14366 AT (652843.96, 4220011.30, 17.19, 17.19, 0.00)	DC		
	3RD HIGHEST VALUE IS	55.01698 AT (652843.96, 4220051.30, 17.01, 17.01, 0.00)	DC		
	4TH HIGHEST VALUE IS	44.33608 AT (652843.96, 4219991.30, 17.28, 17.28, 0.00)	DC		
	5TH HIGHEST VALUE IS	43.87854 AT (653091.77, 4220073.80, 16.64, 16.64, 0.00)	DC		
	6TH HIGHEST VALUE IS	41.48243 AT (652823.96, 4220031.30, 17.44, 17.44, 0.00)	DC		
	7TH HIGHEST VALUE IS	40.74111 AT (652823.96, 4220051.30, 17.35, 17.35, 0.00)	DC		
	8TH HIGHEST VALUE IS	38.84782 AT (653092.17, 4220089.40, 16.64, 16.64, 0.00)	DC		
	9TH HIGHEST VALUE IS	38.74082 AT (652843.96, 4220091.30, 16.82, 16.82, 0.00)	DC		

```
         10TH HIGHEST VALUE IS      38.19792 AT (  652823.96,  4220011.30,    17.52,
   17.52,    0.00)  DC

C_ON_IDL  1ST HIGHEST VALUE IS     121.46933 AT (  653091.77,  4220073.80,    16.64,
   16.64,    0.00)  DC
          2ND HIGHEST VALUE IS     103.21518 AT (  653107.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          3RD HIGHEST VALUE IS      83.10856 AT (  653127.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          4TH HIGHEST VALUE IS      82.45786 AT (  653092.17,  4220089.40,    16.64,
   16.64,    0.00)  DC
          5TH HIGHEST VALUE IS      72.68087 AT (  653107.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
          6TH HIGHEST VALUE IS      69.03844 AT (  653217.50,  4220029.01,    16.59,
   16.59,    0.00)  DC
          7TH HIGHEST VALUE IS      67.17961 AT (  653147.01,  4220074.09,    16.63,
   16.63,    0.00)  DC
          8TH HIGHEST VALUE IS      60.73199 AT (  653127.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
          9TH HIGHEST VALUE IS      54.63953 AT (  653237.50,  4220029.01,    16.64,
   16.64,    0.00)  DC
         10TH HIGHEST VALUE IS      54.41806 AT (  653167.01,  4220074.09,    16.62,
   16.62,    0.00)  DC

GEN       1ST HIGHEST VALUE IS       0.01642 AT (  653091.77,  4220073.80,    16.64,
   16.64,    0.00)  DC
          2ND HIGHEST VALUE IS       0.01584 AT (  653015.28,  4219849.68,    16.70,
   16.70,    0.00)  DC
          3RD HIGHEST VALUE IS       0.01578 AT (  653107.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          4TH HIGHEST VALUE IS       0.01486 AT (  653127.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          5TH HIGHEST VALUE IS       0.01413 AT (  653092.17,  4220089.40,    16.64,
   16.64,    0.00)  DC
          6TH HIGHEST VALUE IS       0.01393 AT (  653107.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
          7TH HIGHEST VALUE IS       0.01376 AT (  653147.01,  4220074.09,    16.63,
   16.63,    0.00)  DC
          8TH HIGHEST VALUE IS       0.01341 AT (  653127.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
          9TH HIGHEST VALUE IS       0.01298 AT (  653015.28,  4219829.68,    16.70,
   16.70,    0.00)  DC
         10TH HIGHEST VALUE IS       0.01264 AT (  653147.41,  4220089.69,    16.63,
   16.63,    0.00)  DC
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
M_IDLE	1ST HIGHEST VALUE IS	87.75640 AT (652843.96, 4220051.30, 17.01, 17.01, 0.00)	DC	
	2ND HIGHEST VALUE IS	77.55418 AT (652843.96, 4220031.30, 17.09, 17.09, 0.00)	DC	
	3RD HIGHEST VALUE IS	77.13343 AT (652843.96, 4220091.30, 16.82, 16.82, 0.00)	DC	
	4TH HIGHEST VALUE IS	61.55991 AT (652823.96, 4220071.30, 17.27, 17.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	61.38981 AT (652843.96, 4220111.30, 16.74, 16.74, 0.00)	DC	
	6TH HIGHEST VALUE IS	60.58837 AT (652843.96, 4220011.30, 17.19, 17.19, 0.00)	DC	
	7TH HIGHEST VALUE IS	60.56896 AT (652823.96, 4220051.30, 17.35, 17.35, 0.00)	DC	
	8TH HIGHEST VALUE IS	58.10831 AT (652823.96, 4220091.30, 17.19, 17.19, 0.00)	DC	
	9TH HIGHEST VALUE IS	54.71568 AT (652823.96, 4220031.30, 17.44, 17.44, 0.00)	DC	
	10TH HIGHEST VALUE IS	50.91375 AT (652823.96, 4220111.30, 17.16, 17.16, 0.00)	DC	
ALL	1ST HIGHEST VALUE IS	212.99238 AT (652843.96, 4220051.30, 17.01, 17.01, 0.00)	DC	
	2ND HIGHEST VALUE IS	205.49800 AT (653091.77, 4220073.80, 16.64, 16.64, 0.00)	DC	
	3RD HIGHEST VALUE IS	203.19165 AT (652843.96, 4220031.30, 17.09, 17.09, 0.00)	DC	
	4TH HIGHEST VALUE IS	200.49287 AT (652843.96, 4220091.30, 16.82, 16.82, 0.00)	DC	
	5TH HIGHEST VALUE IS	190.70286 AT (652843.96, 4220111.30, 16.74, 16.74, 0.00)	DC	
	6TH HIGHEST VALUE IS	179.94693 AT (652823.96, 4220131.30, 17.19, 17.19, 0.00)	DC	
	7TH HIGHEST VALUE IS	175.50210 AT (653107.01, 4220074.09, 16.64,		

ALL   HIGH   1ST HIGH VALUE IS   3787.72458 ON 19012817: AT (652843.96,
4220051.30,   17.01,   17.01,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 22112 ***   *** LODI MAVERIK_OPERATIONS_DPM
                        ***   01/03/25
 *** AERMET - VERSION 21112 ***   ***
                      ***   15:56:29

                                 PAGE 124
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   1399 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   723 Calm Hours Identified

 A Total of   676 Missing Hours Identified (1.54 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 SO W320   451   PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W187   681   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****
    *** AERMOD Finishes Successfully ***
    ****

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/3/2025
** File: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\Ops TOG.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Lodi Maverik_Operations_TOG
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 67679 City_of_Lodi
   POLLUTID TOG
   RUNORNOT RUN
   ERRORFIL "Ops TOG.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION FUEL         AREA       652885.710  4220098.640       16.640
** DESCRSRC Gasoline Fueling
   LOCATION R_IDLE       AREAPOLY   653075.295  4220064.817       16.640
** DESCRSRC Drive-thru Restaurant On-Site Idle
   LOCATION C_IDLE       AREAPOLY   653041.064  4220021.089       16.640
** DESCRSRC Coffee Drive-thru On-Site Idle
** Source Parameters **
   SRCPARAM FUEL         0.0016399986     3.660    64.730     9.420     0.000
   SRCPARAM R_IDLE       0.0016289792     1.200        14
   AREAVERT R_IDLE       653075.295 4220064.817 653081.318 4220064.670
   AREAVERT R_IDLE       653080.143 4220111.536 653076.323 4220114.915
   AREAVERT R_IDLE       653071.181 4220115.944 653022.405 4220115.503
   AREAVERT R_IDLE       653022.699 4220109.920 653067.655 4220110.361
   AREAVERT R_IDLE       653070.887 4220108.745 653073.238 4220105.806
   AREAVERT R_IDLE       653072.797 4220087.295 653074.266 4220084.503
```

```
   AREAVERT R_IDLE       653075.882 4220082.447 653076.176 4220077.305
   SRCPARAM C_IDLE       0.0041827207     1.200        11
   AREAVERT C_IDLE       653041.064 4220021.089 653041.189 4220016.469
   AREAVERT C_IDLE       653069.163 4220016.469 653072.035 4220017.593
   AREAVERT C_IDLE       653075.906 4220021.214 653076.406 4220024.586
   AREAVERT C_IDLE       653076.406 4220054.808 653073.409 4220054.808
   AREAVERT C_IDLE       653073.908 4220024.961 653072.410 4220022.588
   AREAVERT C_IDLE       653069.163 4220020.715
   URBANSRC ALL
   SRCGROUP C_IDLE   C_IDLE
   SRCGROUP FUEL     FUEL
   SRCGROUP R_IDLE   R_IDLE
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Ops TOG.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\Met Data\
   SURFFILE "Met Data\Lodi Maverik.SFC"
** Profile File Path: C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\Met Data\
   PROFFILE "Met Data\Lodi Maverik.PFL"
   SURFDATA 23237 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 8.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\01H1GALL.PLT" 31
```

```
   PLOTFILE 1 C_IDLE 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\01H1G001.PLT" 32
   PLOTFILE 1 FUEL 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\01H1G002.PLT" 33
   PLOTFILE 1 R_IDLE 1ST "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\01H1G003.PLT" 34
   PLOTFILE PERIOD ALL "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\PE00GALL.PLT" 35
   PLOTFILE PERIOD C_IDLE "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\PE00G001.PLT" 36
   PLOTFILE PERIOD FUEL "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\PE00G002.PLT" 37
   PLOTFILE PERIOD R_IDLE "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\OPS
TOG.AD\PE00G003.PLT" 38
   SUMMFILE "C:\Lakes\AERMOD View\Projects\Lodi Maverik\Ops TOG\Ops TOG.sum"
OU FINISHED
**
************************************
** Project Parameters
************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

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**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 12.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 1/3/2025
** FILE: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS TOG.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE LODI MAVERIK_OPERATIONS_TOG
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 67679 CITY_OF_LODI
   POLLUTID TOG
   RUNORNOT RUN
   ERRORFIL "OPS TOG.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION FUEL         AREA       652885.710  4220098.640       16.640
** DESCRSRC GASOLINE FUELING
   LOCATION R_IDLE       AREAPOLY   653075.295  4220064.817       16.640
** DESCRSRC DRIVE-THRU RESTAURANT ON-SITE IDLE
   LOCATION C_IDLE       AREAPOLY   653041.064  4220021.089       16.640
** DESCRSRC COFFEE DRIVE-THRU ON-SITE IDLE
** SOURCE PARAMETERS **
   SRCPARAM FUEL         0.0016399986     3.660    64.730     9.420     0.000
   SRCPARAM R_IDLE       0.0016289792     1.200        14
   AREAVERT R_IDLE       653075.295 4220064.817 653081.318 4220064.670
   AREAVERT R_IDLE       653080.143 4220111.536 653076.323 4220114.915
   AREAVERT R_IDLE       653071.181 4220115.944 653022.405 4220115.503
   AREAVERT R_IDLE       653022.699 4220109.920 653067.655 4220110.361
   AREAVERT R_IDLE       653070.887 4220108.745 653073.238 4220105.806
   AREAVERT R_IDLE       653072.797 4220087.295 653074.266 4220084.503
```

```
   AREAVERT R_IDLE       653075.882 4220082.447 653076.176 4220077.305
   SRCPARAM C_IDLE       0.0041827207     1.200        11
   AREAVERT C_IDLE       653041.064 4220021.089 653041.189 4220016.469
   AREAVERT C_IDLE       653069.163 4220016.469 653072.035 4220017.593
   AREAVERT C_IDLE       653075.906 4220021.214 653076.406 4220024.586
   AREAVERT C_IDLE       653076.406 4220054.808 653073.409 4220054.808
   AREAVERT C_IDLE       653073.908 4220024.961 653072.410 4220022.588
   AREAVERT C_IDLE       653069.163 4220020.715
   URBANSRC ALL
   SRCGROUP C_IDLE   C_IDLE
   SRCGROUP FUEL     FUEL
   SRCGROUP R_IDLE   R_IDLE
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD RECEPTOR PATHWAY
**********************************
**
**
RE STARTING
   INCLUDED "OPS TOG.ROU"
RE FINISHED
**
**********************************
** AERMOD METEOROLOGY PATHWAY
**********************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\MET DATA\
   SURFFILE METDAT~1\LODIMA~1.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\MET DATA\
   PROFFILE METDAT~1\LODIMA~1.PFL
   SURFDATA 23237 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 8.0 METERS
ME FINISHED
**
**********************************
** AERMOD OUTPUT PATHWAY
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\01H1GALL.PLT" 31
```

```
   PLOTFILE   1 C_IDLE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\01H1G001.PLT" 32
   PLOTFILE   1 FUEL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\01H1G002.PLT" 33
   PLOTFILE   1 R_IDLE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\01H1G003.PLT" 34
   PLOTFILE   PERIOD ALL "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\PE00GALL.PLT" 35
   PLOTFILE   PERIOD C_IDLE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\PE00G001.PLT" 36
   PLOTFILE   PERIOD FUEL "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\PE00G002.PLT" 37
   PLOTFILE   PERIOD R_IDLE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS
TOG.AD\PE00G003.PLT" 38
   SUMMFILE "C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS TOG\OPS TOG.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187      88       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                           ***       17:00:44

                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - -

 ** 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     3 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =     67679.0 ;  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: TOG

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:      3 Source(s);       4 Source Group(s); and     568
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      3 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:  21112

 **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) =   8.00 ; 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: OPS TOG.ERR

 **File for Summary of Results: C:\LAKES\AERMOD VIEW\PROJECTS\LODI MAVERIK\OPS
TOG\OPS TOG.SUM

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** AREA SOURCE DATA ***

               NUMBER EMISSION RATE COORD (SW CORNER) BASE   RELEASE X-DIM
Y-DIM   ORIENT.   INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC   X   Y   ELEV.   HEIGHT OF AREA
OF AREA   OF AREA   SZ   SOURCE SCALAR VARY
     ID   CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   (DEG.) (METERS)   BY
 -
- -

 FUEL   0   0.16400E-02 652885.7 4220098.6   16.6   3.66   64.73
 9.42   0.00   0.00   YES

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ SOURCE (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
R_IDLE	0	0.16290E-02	653075.3	4220064.8	16.6	1.20	14	0.00	YES	
C_IDLE	0	0.41827E-02	653041.1	4220021.1	16.6	1.20	11	0.00	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
C_IDLE	C_IDLE ,
FUEL	FUEL ,
R_IDLE	R_IDLE ,
ALL	FUEL , R_IDLE , C_IDLE ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

67679. FUEL , R_IDLE , C_IDLE ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(652764.0, 4219991.3, 17.7, 17.7, 0.0); (652784.0, 4219991.3, 17.9, 17.9, 0.0);
(652804.0, 4219991.3, 17.8, 17.8, 0.0); (652824.0, 4219991.3, 17.6, 17.6, 0.0);
(652844.0, 4219991.3, 17.3, 17.3, 0.0); (652764.0, 4220011.3, 17.9, 17.9, 0.0);
(652784.0, 4220011.3, 18.0, 18.0, 0.0); (652804.0, 4220011.3, 17.8, 17.8, 0.0);
(652824.0, 4220011.3, 17.5, 17.5, 0.0); (652844.0, 4220011.3, 17.2, 17.2, 0.0);
(652764.0, 4220031.3, 18.2, 18.2, 0.0); (652784.0, 4220031.3, 18.0, 18.0, 0.0);
(652804.0, 4220031.3, 17.8, 17.8, 0.0); (652824.0, 4220031.3, 17.4, 17.4, 0.0);
(652844.0, 4220031.3, 17.1, 17.1, 0.0); (652764.0, 4220051.3, 18.4, 18.4, 0.0);
(652784.0, 4220051.3, 18.1, 18.1, 0.0); (652804.0, 4220051.3, 17.7, 17.7, 0.0);
(652824.0, 4220051.3, 17.4, 17.4, 0.0); (652844.0, 4220051.3, 17.0, 17.0, 0.0);
(652764.0, 4220071.3, 18.5, 18.5, 0.0); (652784.0, 4220071.3, 18.1, 18.1, 0.0);
(652804.0, 4220071.3, 17.7, 17.7, 0.0); (652824.0, 4220071.3, 17.3, 17.3, 0.0);
(652764.0, 4220091.3, 18.5, 18.5, 0.0); (652784.0, 4220091.3, 18.1, 18.1, 0.0);
(652804.0, 4220091.3, 17.7, 17.7, 0.0); (652824.0,

```
4220091.3,      17.2,      17.2,       0.0);
     ( 652844.0, 4220091.3,      16.8,      16.8,       0.0);         ( 652764.0,
4220111.3,      18.6,      18.6,       0.0);
     ( 652784.0, 4220111.3,      18.1,      18.1,       0.0);         ( 652804.0,
4220111.3,      17.7,      17.7,       0.0);
     ( 652824.0, 4220111.3,      17.2,      17.2,       0.0);         ( 652844.0,
4220111.3,      16.7,      16.7,       0.0);
     ( 652784.0, 4220131.3,      18.2,      18.2,       0.0);         ( 652804.0,
4220131.3,      17.7,      17.7,       0.0);
     ( 652824.0, 4220131.3,      17.2,      17.2,       0.0);         ( 653217.5,
4220029.0,      16.6,      16.6,       0.0);
     ( 653237.5, 4220029.0,      16.6,      16.6,       0.0);         ( 653257.5,
4220029.0,      16.7,      16.7,       0.0);
     ( 653277.5, 4220029.0,      16.8,      16.8,       0.0);         ( 653297.5,
4220029.0,      16.9,      16.9,       0.0);
     ( 653217.5, 4220049.0,      16.6,      16.6,       0.0);         ( 653237.5,
4220049.0,      16.6,      16.6,       0.0);
     ( 653257.5, 4220049.0,      16.7,      16.7,       0.0);         ( 653277.5,
4220049.0,      16.7,      16.7,       0.0);
     ( 653297.5, 4220049.0,      16.8,      16.8,       0.0);         ( 653217.5,
4220069.0,      16.6,      16.6,       0.0);
     ( 653237.5, 4220069.0,      16.6,      16.6,       0.0);         ( 653257.5,
4220069.0,      16.7,      16.7,       0.0);
     ( 653277.5, 4220069.0,      16.8,      16.8,       0.0);         ( 653297.5,
4220069.0,      16.8,      16.8,       0.0);
     ( 653091.8, 4220073.8,      16.6,      16.6,       0.0);         ( 653107.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653127.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653147.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653167.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653187.0,
4220074.1,      16.6,      16.6,       0.0);
     ( 653207.0, 4220074.1,      16.6,      16.6,       0.0);         ( 653226.4,
4220070.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220070.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220070.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220070.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220070.5,      16.9,      16.9,       0.0);
     ( 653092.2, 4220089.4,      16.6,      16.6,       0.0);         ( 653107.4,
4220089.7,      16.6,      16.6,       0.0);
     ( 653127.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653147.4,
4220089.7,      16.6,      16.6,       0.0);
     ( 653167.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653187.4,
4220089.7,      16.6,      16.6,       0.0);
     ( 653207.4, 4220089.7,      16.6,      16.6,       0.0);         ( 653226.4,
4220090.5,      16.6,      16.6,       0.0);
     ( 653246.4, 4220090.5,      16.6,      16.6,       0.0);         ( 653266.4,
4220090.5,      16.7,      16.7,       0.0);
     ( 653286.4, 4220090.5,      16.8,      16.8,       0.0);         ( 653306.4,
4220090.5,      16.9,      16.9,       0.0);
     ( 653092.2, 4220109.4,      16.6,      16.6,       0.0);         ( 653107.4,
```

4220109.7, 16.6, 16.6, 0.0);
     (653127.4, 4220109.7, 16.6, 16.6, 0.0); (653147.4,
4220109.7, 16.6, 16.6, 0.0);
     (653167.4, 4220109.7, 16.6, 16.6, 0.0); (653187.4,
4220109.7, 16.6, 16.6, 0.0);
     (653207.4, 4220109.7, 16.6, 16.6, 0.0); (653226.4,
4220110.5, 16.6, 16.6, 0.0);
     (653246.4, 4220110.5, 16.6, 16.6, 0.0); (653266.4,
4220110.5, 16.7, 16.7, 0.0);
     (653286.4, 4220110.5, 16.8, 16.8, 0.0); (653306.4,
4220110.5, 16.9, 16.9, 0.0);
     (653092.9, 4220123.5, 16.6, 16.6, 0.0); (653108.1,
4220123.8, 16.6, 16.6, 0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

     (653128.1, 4220123.8, 16.6, 16.6, 0.0); (653148.1,
4220123.8, 16.6, 16.6, 0.0);
     (653168.1, 4220123.8, 16.6, 16.6, 0.0); (653188.1,
4220123.8, 16.6, 16.6, 0.0);
     (653208.1, 4220123.8, 16.6, 16.6, 0.0); (653227.1,
4220124.6, 16.6, 16.6, 0.0);
     (653247.1, 4220124.6, 16.6, 16.6, 0.0); (653267.1,
4220124.6, 16.7, 16.7, 0.0);
     (653287.1, 4220124.6, 16.8, 16.8, 0.0); (653307.1,
4220124.6, 16.9, 16.9, 0.0);
     (652875.3, 4219709.7, 16.5, 16.5, 0.0); (652895.3,
4219709.7, 16.5, 16.5, 0.0);
     (652915.3, 4219709.7, 16.6, 16.6, 0.0); (652935.3,
4219709.7, 16.7, 16.7, 0.0);
     (652955.3, 4219709.7, 16.6, 16.6, 0.0); (652975.3,
4219709.7, 16.7, 16.7, 0.0);
     (652995.3, 4219709.7, 16.7, 16.7, 0.0); (653015.3,
4219709.7, 16.7, 16.7, 0.0);
     (652875.3, 4219729.7, 16.6, 16.6, 0.0); (652895.3,
4219729.7, 16.7, 16.7, 0.0);
     (652915.3, 4219729.7, 16.7, 16.7, 0.0); (652935.3,
4219729.7, 16.7, 16.7, 0.0);
     (652955.3, 4219729.7, 16.7, 16.7, 0.0); (652975.3,
4219729.7, 16.7, 16.7, 0.0);
     (652995.3, 4219729.7, 16.7, 16.7, 0.0); (653015.3,

```
4219729.7,      16.6,      16.6,       0.0);
     ( 652875.3, 4219749.7,      16.7,      16.7,       0.0);         ( 652895.3,
4219749.7,      16.8,      16.8,       0.0);
     ( 652915.3, 4219749.7,      16.8,      16.8,       0.0);         ( 652935.3,
4219749.7,      16.8,      16.8,       0.0);
     ( 652955.3, 4219749.7,      16.8,      16.8,       0.0);         ( 652975.3,
4219749.7,      16.8,      16.8,       0.0);
     ( 652995.3, 4219749.7,      16.7,      16.7,       0.0);         ( 653015.3,
4219749.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219769.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219769.7,      16.8,      16.8,       0.0);
     ( 652915.3, 4219769.7,      16.9,      16.9,       0.0);         ( 652935.3,
4219769.7,      16.9,      16.9,       0.0);
     ( 652955.3, 4219769.7,      16.9,      16.9,       0.0);         ( 652975.3,
4219769.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219769.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219769.7,      16.6,      16.6,       0.0);
     ( 652875.3, 4219789.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219789.7,      16.9,      16.9,       0.0);
     ( 652915.3, 4219789.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219789.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219789.7,      16.9,      16.9,       0.0);         ( 652975.3,
4219789.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219789.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219789.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219809.7,      16.8,      16.8,       0.0);         ( 652895.3,
4219809.7,      16.9,      16.9,       0.0);
     ( 652915.3, 4219809.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219809.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219809.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219809.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219809.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219809.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219829.7,      16.9,      16.9,       0.0);         ( 652895.3,
4219829.7,      17.0,      17.0,       0.0);
     ( 652915.3, 4219829.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219829.7,      17.1,      17.1,       0.0);
     ( 652955.3, 4219829.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219829.7,      16.9,      16.9,       0.0);
     ( 652995.3, 4219829.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219829.7,      16.7,      16.7,       0.0);
     ( 652875.3, 4219849.7,      16.9,      16.9,       0.0);         ( 652895.3,
4219849.7,      17.0,      17.0,       0.0);
     ( 652915.3, 4219849.7,      17.0,      17.0,       0.0);         ( 652935.3,
4219849.7,      17.0,      17.0,       0.0);
     ( 652955.3, 4219849.7,      17.0,      17.0,       0.0);         ( 652975.3,
4219849.7,      16.8,      16.8,       0.0);
     ( 652995.3, 4219849.7,      16.8,      16.8,       0.0);         ( 653015.3,
4219849.7,      16.7,      16.7,       0.0);
     ( 653396.9, 4219710.6,      16.8,      16.8,       0.0);         ( 653416.9,
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4219710.6,   16.8,   16.8,   0.0);
     (653436.9, 4219710.6,   16.8,   16.8,   0.0);   (653456.9,
4219710.6,   16.9,   16.9,   0.0);
     (653476.9, 4219710.6,   16.9,   16.9,   0.0);   (653496.9,
4219710.6,   16.9,   16.9,   0.0);
     (653516.9, 4219710.6,   16.9,   16.9,   0.0);   (653396.9,
4219730.6,   16.8,   16.8,   0.0);
     (653416.9, 4219730.6,   16.8,   16.8,   0.0);   (653436.9,
4219730.6,   16.8,   16.8,   0.0);
     (653456.9, 4219730.6,   16.9,   16.9,   0.0);   (653476.9,
4219730.6,   16.9,   16.9,   0.0);
     (653496.9, 4219730.6,   16.9,   16.9,   0.0);   (653516.9,
4219730.6,   16.9,   16.9,   0.0);
     (653396.9, 4219750.6,   16.8,   16.8,   0.0);   (653416.9,
4219750.6,   16.8,   16.8,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (653436.9, 4219750.6,   16.9,   16.9,   0.0);   (653456.9,
4219750.6,   16.9,   16.9,   0.0);
     (653476.9, 4219750.6,   16.9,   16.9,   0.0);   (653496.9,
4219750.6,   16.9,   16.9,   0.0);
     (653516.9, 4219750.6,   16.9,   16.9,   0.0);   (653396.9,
4219770.6,   16.8,   16.8,   0.0);
     (653416.9, 4219770.6,   16.8,   16.8,   0.0);   (653436.9,
4219770.6,   16.9,   16.9,   0.0);
     (653456.9, 4219770.6,   16.9,   16.9,   0.0);   (653476.9,
4219770.6,   16.9,   16.9,   0.0);
     (653496.9, 4219770.6,   16.9,   16.9,   0.0);   (653516.9,
4219770.6,   16.9,   16.9,   0.0);
     (653476.9, 4219790.6,   16.9,   16.9,   0.0);   (653496.9,
4219790.6,   16.9,   16.9,   0.0);
     (653516.9, 4219790.6,   17.0,   17.0,   0.0);   (653476.9,
4219810.6,   16.9,   16.9,   0.0);
     (653496.9, 4219810.6,   16.9,   16.9,   0.0);   (653516.9,
4219810.6,   17.0,   17.0,   0.0);
     (653476.9, 4219830.6,   16.9,   16.9,   0.0);   (653496.9,
4219830.6,   17.0,   17.0,   0.0);
     (653516.9, 4219830.6,   17.0,   17.0,   0.0);   (653476.9,
4219850.6,   17.0,   17.0,   0.0);
     (653496.9, 4219850.6,   17.0,   17.0,   0.0);   (653516.9,

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4219850.6,      17.0,      17.0,       0.0);
     ( 653476.9, 4219870.6,      17.0,      17.0,       0.0);         ( 653496.9,
4219870.6,      17.0,      17.0,       0.0);
     ( 653516.9, 4219870.6,      17.0,      17.0,       0.0);         ( 653476.9,
4219890.6,      17.0,      17.0,       0.0);
     ( 653496.9, 4219890.6,      17.0,      17.0,       0.0);         ( 653516.9,
4219890.6,      17.0,      17.0,       0.0);
     ( 652096.6, 4220162.5,      15.3,      15.3,       0.0);         ( 652116.6,
4220162.5,      15.3,      15.3,       0.0);
     ( 652136.6, 4220162.5,      15.4,      15.4,       0.0);         ( 652156.6,
4220162.5,      15.4,      15.4,       0.0);
     ( 652176.6, 4220162.5,      15.4,      15.4,       0.0);         ( 652196.6,
4220162.5,      15.5,      15.5,       0.0);
     ( 652216.6, 4220162.5,      15.5,      15.5,       0.0);         ( 652236.6,
4220162.5,      15.5,      15.5,       0.0);
     ( 652256.6, 4220162.5,      15.6,      15.6,       0.0);         ( 652276.6,
4220162.5,      15.6,      15.6,       0.0);
     ( 652296.6, 4220162.5,      15.6,      15.6,       0.0);         ( 652316.6,
4220162.5,      15.6,      15.6,       0.0);
     ( 652336.6, 4220162.5,      15.7,      15.7,       0.0);         ( 652356.6,
4220162.5,      15.7,      15.7,       0.0);
     ( 652376.6, 4220162.5,      15.7,      15.7,       0.0);         ( 652396.6,
4220162.5,      15.8,      15.8,       0.0);
     ( 652416.6, 4220162.5,      15.8,      15.8,       0.0);         ( 652436.6,
4220162.5,      15.9,      15.9,       0.0);
     ( 652456.6, 4220162.5,      15.9,      15.9,       0.0);         ( 652096.6,
4220182.5,      15.3,      15.3,       0.0);
     ( 652116.6, 4220182.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220182.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220182.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220182.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220182.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220182.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220182.5,      15.5,      15.5,       0.0);         ( 652256.6,
4220182.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220182.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220182.5,      15.6,      15.6,       0.0);
     ( 652316.6, 4220182.5,      15.6,      15.6,       0.0);         ( 652336.6,
4220182.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220182.5,      15.7,      15.7,       0.0);         ( 652376.6,
4220182.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220182.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220182.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220182.5,      15.8,      15.8,       0.0);         ( 652456.6,
4220182.5,      15.9,      15.9,       0.0);
     ( 652476.6, 4220182.5,      16.1,      16.1,       0.0);         ( 652096.6,
4220202.5,      15.3,      15.3,       0.0);
     ( 652116.6, 4220202.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220202.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220202.5,      15.4,      15.4,       0.0);         ( 652176.6,
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4220202.5,   15.5,   15.5,   0.0);
     (652196.6, 4220202.5,   15.5,   15.5,   0.0);   (652216.6,
4220202.5,   15.5,   15.5,   0.0);
     (652236.6, 4220202.5,   15.5,   15.5,   0.0);   (652256.6,
4220202.5,   15.6,   15.6,   0.0);
     (652276.6, 4220202.5,   15.6,   15.6,   0.0);   (652296.6,
4220202.5,   15.6,   15.6,   0.0);
     (652316.6, 4220202.5,   15.7,   15.7,   0.0);   (652336.6,
4220202.5,   15.7,   15.7,   0.0);
     (652356.6, 4220202.5,   15.7,   15.7,   0.0);   (652376.6,
4220202.5,   15.8,   15.8,   0.0);
     (652396.6, 4220202.5,   15.8,   15.8,   0.0);   (652416.6,
4220202.5,   15.8,   15.8,   0.0);
     (652436.6, 4220202.5,   15.9,   15.9,   0.0);   (652456.6,
4220202.5,   15.9,   15.9,   0.0);
     (652476.6, 4220202.5,   16.1,   16.1,   0.0);   (652096.6,
4220222.5,   15.3,   15.3,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (652116.6, 4220222.5,   15.4,   15.4,   0.0);   (652136.6,
4220222.5,   15.4,   15.4,   0.0);
     (652156.6, 4220222.5,   15.4,   15.4,   0.0);   (652176.6,
4220222.5,   15.5,   15.5,   0.0);
     (652196.6, 4220222.5,   15.5,   15.5,   0.0);   (652216.6,
4220222.5,   15.5,   15.5,   0.0);
     (652236.6, 4220222.5,   15.5,   15.5,   0.0);   (652256.6,
4220222.5,   15.6,   15.6,   0.0);
     (652276.6, 4220222.5,   15.6,   15.6,   0.0);   (652296.6,
4220222.5,   15.6,   15.6,   0.0);
     (652316.6, 4220222.5,   15.7,   15.7,   0.0);   (652336.6,
4220222.5,   15.7,   15.7,   0.0);
     (652356.6, 4220222.5,   15.7,   15.7,   0.0);   (652376.6,
4220222.5,   15.8,   15.8,   0.0);
     (652396.6, 4220222.5,   15.8,   15.8,   0.0);   (652416.6,
4220222.5,   15.8,   15.8,   0.0);
     (652436.6, 4220222.5,   15.9,   15.9,   0.0);   (652456.6,
4220222.5,   16.0,   16.0,   0.0);
     (652476.6, 4220222.5,   16.2,   16.2,   0.0);   (652096.6,
4220242.5,   15.4,   15.4,   0.0);
     (652116.6, 4220242.5,   15.4,   15.4,   0.0);   (652136.6,

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4220242.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220242.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220242.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220242.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220242.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220242.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220242.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220242.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220242.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220242.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220242.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220242.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220242.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220242.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220242.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220242.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220242.5,      16.0,      16.0,       0.0);
     ( 652476.6, 4220242.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220262.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220262.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220262.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220262.5,      15.4,      15.4,       0.0);         ( 652176.6,
4220262.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220262.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220262.5,      15.5,      15.5,       0.0);
     ( 652236.6, 4220262.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220262.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220262.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220262.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220262.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220262.5,      15.7,      15.7,       0.0);
     ( 652356.6, 4220262.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220262.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220262.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220262.5,      15.8,      15.8,       0.0);
     ( 652436.6, 4220262.5,      15.9,      15.9,       0.0);         ( 652456.6,
4220262.5,      16.0,      16.0,       0.0);
     ( 652476.6, 4220262.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220282.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220282.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220282.5,      15.4,      15.4,       0.0);
     ( 652156.6, 4220282.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220282.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220282.5,      15.5,      15.5,       0.0);         ( 652216.6,
4220282.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220282.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220282.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220282.5,      15.6,      15.6,       0.0);         ( 652296.6,
4220282.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220282.5,      15.7,      15.7,       0.0);         ( 652336.6,
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4220282.5,   15.7,   15.7,   0.0);
     (652356.6, 4220282.5,   15.8,   15.8,   0.0);   (652376.6,
4220282.5,   15.8,   15.8,   0.0);
     (652396.6, 4220282.5,   15.8,   15.8,   0.0);   (652416.6,
4220282.5,   15.9,   15.9,   0.0);
     (652436.6, 4220282.5,   15.9,   15.9,   0.0);   (652456.6,
4220282.5,   16.1,   16.1,   0.0);
     (652476.6, 4220282.5,   16.2,   16.2,   0.0);   (652096.6,
4220302.5,   15.4,   15.4,   0.0);
     (652116.6, 4220302.5,   15.4,   15.4,   0.0);   (652136.6,
4220302.5,   15.5,   15.5,   0.0);
     (652156.6, 4220302.5,   15.5,   15.5,   0.0);   (652176.6,
4220302.5,   15.5,   15.5,   0.0);
     (652196.6, 4220302.5,   15.5,   15.5,   0.0);   (652216.6,
4220302.5,   15.6,   15.6,   0.0);
     (652236.6, 4220302.5,   15.6,   15.6,   0.0);   (652256.6,
4220302.5,   15.6,   15.6,   0.0);
     (652276.6, 4220302.5,   15.6,   15.6,   0.0);   (652296.6,
4220302.5,   15.7,   15.7,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (652316.6, 4220302.5,   15.7,   15.7,   0.0);   (652336.6,
4220302.5,   15.7,   15.7,   0.0);
     (652356.6, 4220302.5,   15.8,   15.8,   0.0);   (652376.6,
4220302.5,   15.8,   15.8,   0.0);
     (652396.6, 4220302.5,   15.8,   15.8,   0.0);   (652416.6,
4220302.5,   15.9,   15.9,   0.0);
     (652436.6, 4220302.5,   15.9,   15.9,   0.0);   (652456.6,
4220302.5,   16.1,   16.1,   0.0);
     (652476.6, 4220302.5,   16.2,   16.2,   0.0);   (652096.6,
4220322.5,   15.4,   15.4,   0.0);
     (652116.6, 4220322.5,   15.4,   15.4,   0.0);   (652136.6,
4220322.5,   15.5,   15.5,   0.0);
     (652156.6, 4220322.5,   15.5,   15.5,   0.0);   (652176.6,
4220322.5,   15.5,   15.5,   0.0);
     (652196.6, 4220322.5,   15.6,   15.6,   0.0);   (652216.6,
4220322.5,   15.6,   15.6,   0.0);
     (652236.6, 4220322.5,   15.6,   15.6,   0.0);   (652256.6,
4220322.5,   15.6,   15.6,   0.0);
     (652276.6, 4220322.5,   15.7,   15.7,   0.0);   (652296.6,

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4220322.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220322.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220322.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220322.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220322.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220322.5,      15.8,      15.8,       0.0);         ( 652416.6,
4220322.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220322.5,      16.0,      16.0,       0.0);         ( 652456.6,
4220322.5,      16.1,      16.1,       0.0);
     ( 652476.6, 4220322.5,      16.2,      16.2,       0.0);         ( 652096.6,
4220342.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220342.5,      15.4,      15.4,       0.0);         ( 652136.6,
4220342.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220342.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220342.5,      15.5,      15.5,       0.0);
     ( 652196.6, 4220342.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220342.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220342.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220342.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220342.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220342.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220342.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220342.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220342.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220342.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220342.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220342.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220342.5,      16.0,      16.0,       0.0);         ( 652456.6,
4220342.5,      16.1,      16.1,       0.0);
     ( 652476.6, 4220342.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220362.5,      15.4,      15.4,       0.0);
     ( 652116.6, 4220362.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220362.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220362.5,      15.5,      15.5,       0.0);         ( 652176.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220362.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220362.5,      15.6,      15.6,       0.0);         ( 652256.6,
4220362.5,      15.6,      15.6,       0.0);
     ( 652276.6, 4220362.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220362.5,      15.7,      15.7,       0.0);
     ( 652316.6, 4220362.5,      15.7,      15.7,       0.0);         ( 652336.6,
4220362.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220362.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220362.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220362.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220362.5,      15.9,      15.9,       0.0);
     ( 652436.6, 4220362.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220362.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220362.5,      16.3,      16.3,       0.0);         ( 652096.6,
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4220382.5, 15.5, 15.5, 0.0);
(652116.6, 4220382.5, 15.5, 15.5, 0.0); (652136.6,
4220382.5, 15.5, 15.5, 0.0);
(652156.6, 4220382.5, 15.5, 15.5, 0.0); (652176.6,
4220382.5, 15.6, 15.6, 0.0);
(652196.6, 4220382.5, 15.6, 15.6, 0.0); (652216.6,
4220382.5, 15.6, 15.6, 0.0);
(652236.6, 4220382.5, 15.6, 15.6, 0.0); (652256.6,
4220382.5, 15.7, 15.7, 0.0);
(652276.6, 4220382.5, 15.7, 15.7, 0.0); (652296.6,
4220382.5, 15.7, 15.7, 0.0);
(652316.6, 4220382.5, 15.7, 15.7, 0.0); (652336.6,
4220382.5, 15.8, 15.8, 0.0);
(652356.6, 4220382.5, 15.8, 15.8, 0.0); (652376.6,
4220382.5, 15.8, 15.8, 0.0);
(652396.6, 4220382.5, 15.9, 15.9, 0.0); (652416.6,
4220382.5, 16.0, 16.0, 0.0);
(652436.6, 4220382.5, 16.1, 16.1, 0.0); (652456.6,
4220382.5, 16.2, 16.2, 0.0);
(652476.6, 4220382.5, 16.3, 16.3, 0.0); (652096.6,
4220402.5, 15.5, 15.5, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(652116.6, 4220402.5, 15.5, 15.5, 0.0); (652136.6,
4220402.5, 15.5, 15.5, 0.0);
(652156.6, 4220402.5, 15.5, 15.5, 0.0); (652176.6,
4220402.5, 15.6, 15.6, 0.0);
(652196.6, 4220402.5, 15.6, 15.6, 0.0); (652216.6,
4220402.5, 15.6, 15.6, 0.0);
(652236.6, 4220402.5, 15.6, 15.6, 0.0); (652256.6,
4220402.5, 15.7, 15.7, 0.0);
(652276.6, 4220402.5, 15.7, 15.7, 0.0); (652296.6,
4220402.5, 15.7, 15.7, 0.0);
(652316.6, 4220402.5, 15.8, 15.8, 0.0); (652336.6,
4220402.5, 15.8, 15.8, 0.0);
(652356.6, 4220402.5, 15.8, 15.8, 0.0); (652376.6,
4220402.5, 15.8, 15.8, 0.0);
(652396.6, 4220402.5, 15.9, 15.9, 0.0); (652416.6,
4220402.5, 16.0, 16.0, 0.0);
(652436.6, 4220402.5, 16.1, 16.1, 0.0); (652456.6,

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4220402.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220402.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220422.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220422.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220422.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220422.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220422.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220422.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220422.5,      15.6,      15.6,       0.0);
     ( 652236.6, 4220422.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220422.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220422.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220422.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220422.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220422.5,      15.8,      15.8,       0.0);
     ( 652396.6, 4220422.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220422.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220422.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220422.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220422.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220442.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220442.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220442.5,      15.5,      15.5,       0.0);
     ( 652156.6, 4220442.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220442.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220442.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220442.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220442.5,      15.7,      15.7,       0.0);         ( 652256.6,
4220442.5,      15.7,      15.7,       0.0);
     ( 652276.6, 4220442.5,      15.7,      15.7,       0.0);         ( 652296.6,
4220442.5,      15.8,      15.8,       0.0);
     ( 652316.6, 4220442.5,      15.8,      15.8,       0.0);         ( 652336.6,
4220442.5,      15.8,      15.8,       0.0);
     ( 652356.6, 4220442.5,      15.8,      15.8,       0.0);         ( 652376.6,
4220442.5,      15.9,      15.9,       0.0);
     ( 652396.6, 4220442.5,      15.9,      15.9,       0.0);         ( 652416.6,
4220442.5,      16.0,      16.0,       0.0);
     ( 652436.6, 4220442.5,      16.1,      16.1,       0.0);         ( 652456.6,
4220442.5,      16.2,      16.2,       0.0);
     ( 652476.6, 4220442.5,      16.3,      16.3,       0.0);         ( 652096.6,
4220462.5,      15.5,      15.5,       0.0);
     ( 652116.6, 4220462.5,      15.5,      15.5,       0.0);         ( 652136.6,
4220462.5,      15.6,      15.6,       0.0);
     ( 652156.6, 4220462.5,      15.6,      15.6,       0.0);         ( 652176.6,
4220462.5,      15.6,      15.6,       0.0);
     ( 652196.6, 4220462.5,      15.6,      15.6,       0.0);         ( 652216.6,
4220462.5,      15.7,      15.7,       0.0);
     ( 652236.6, 4220462.5,      15.7,      15.7,       0.0);         ( 652256.6,
```

4220462.5,   15.7,   15.7,   0.0);
     (652276.6, 4220462.5,   15.7,   15.7,   0.0);   (652296.6,
4220462.5,   15.8,   15.8,   0.0);
     (652316.6, 4220462.5,   15.8,   15.8,   0.0);   (652336.6,
4220462.5,   15.8,   15.8,   0.0);
     (652356.6, 4220462.5,   15.8,   15.8,   0.0);   (652376.6,
4220462.5,   15.9,   15.9,   0.0);
     (652396.6, 4220462.5,   16.0,   16.0,   0.0);   (652416.6,
4220462.5,   16.0,   16.0,   0.0);
     (652436.6, 4220462.5,   16.1,   16.1,   0.0);   (652456.6,
4220462.5,   16.2,   16.2,   0.0);
     (652476.6, 4220462.5,   16.3,   16.3,   0.0);   (652096.6,
4220482.5,   15.5,   15.5,   0.0);
     (652116.6, 4220482.5,   15.6,   15.6,   0.0);   (652136.6,
4220482.5,   15.6,   15.6,   0.0);
     (652156.6, 4220482.5,   15.6,   15.6,   0.0);   (652176.6,
4220482.5,   15.6,   15.6,   0.0);
     (652196.6, 4220482.5,   15.7,   15.7,   0.0);   (652216.6,
4220482.5,   15.7,   15.7,   0.0);
     (652236.6, 4220482.5,   15.7,   15.7,   0.0);   (652256.6,
4220482.5,   15.7,   15.7,   0.0);
     (652276.6, 4220482.5,   15.8,   15.8,   0.0);   (652296.6,
4220482.5,   15.8,   15.8,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (652316.6, 4220482.5,   15.8,   15.8,   0.0);   (652336.6,
4220482.5,   15.9,   15.9,   0.0);
     (652356.6, 4220482.5,   15.9,   15.9,   0.0);   (652376.6,
4220482.5,   15.9,   15.9,   0.0);
     (652396.6, 4220482.5,   16.0,   16.0,   0.0);   (652416.6,
4220482.5,   16.1,   16.1,   0.0);
     (652436.6, 4220482.5,   16.1,   16.1,   0.0);   (652456.6,
4220482.5,   16.2,   16.2,   0.0);
     (652476.6, 4220482.5,   16.3,   16.3,   0.0);   (652216.6,
4220502.5,   15.7,   15.7,   0.0);
     (652236.6, 4220502.5,   15.7,   15.7,   0.0);   (652256.6,
4220502.5,   15.7,   15.7,   0.0);
     (652276.6, 4220502.5,   15.8,   15.8,   0.0);   (652296.6,
4220502.5,   15.8,   15.8,   0.0);
     (652316.6, 4220502.5,   15.8,   15.8,   0.0);   (652336.6,

4220502.5,   15.9,   15.9,   0.0);
     (652356.6, 4220502.5,   15.9,   15.9,   0.0);   (652376.6,
4220502.5,   16.0,   16.0,   0.0);
     (652396.6, 4220502.5,   16.0,   16.0,   0.0);   (652416.6,
4220502.5,   16.1,   16.1,   0.0);
     (652436.6, 4220502.5,   16.2,   16.2,   0.0);   (652456.6,
4220502.5,   16.2,   16.2,   0.0);
     (652476.6, 4220502.5,   16.4,   16.4,   0.0);   (652396.6,
4220522.5,   16.1,   16.1,   0.0);
     (652416.6, 4220522.5,   16.2,   16.2,   0.0);   (652436.6,
4220522.5,   16.2,   16.2,   0.0);
     (652456.6, 4220522.5,   16.3,   16.3,   0.0);   (652476.6,
4220522.5,   16.4,   16.4,   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

                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)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                     *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: METDAT~1\LODIMA~1.SFC
                Met Version: 21112
   Profile file: METDAT~1\LODIMA~1.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   23237   Upper air station no.:   23230
                  Name: UNKNOWN   Name:
OAKLAND/WSO_AP
                  Year: 2018   Year: 2018

 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
- -
- - - - - - - - - - - - - - - - - - -
 18 01 01   1 01   -4.8 0.090 -9.000 -9.000 -999.   65.   13.7 0.04   0.91
1.00   1.42   14.   10.0 278.8   2.0
 18 01 01   1 02   -5.2 0.093 -9.000 -9.000 -999.   68.   14.2 0.04   0.91
1.00   1.47   7.   10.0 279.2   2.0
 18 01 01   1 03   -2.7 0.069 -9.000 -9.000 -999.   43.   11.2 0.03   0.91
1.00   1.04   44.   10.0 278.8   2.0
 18 01 01   1 04   -2.1 0.065 -9.000 -9.000 -999.   40.   11.8 0.03   0.91
1.00   0.86   79.   10.0 278.1   2.0
 18 01 01   1 05   -5.8 0.100 -9.000 -9.000 -999.   76.   15.6 0.05   0.91
1.00   1.48 186.   10.0 277.5   2.0
 18 01 01   1 06   -1.8 0.063 -9.000 -9.000 -999.   38.   12.8 0.04   0.91
1.00   0.74 221.   10.0 276.4   2.0
 18 01 01   1 07   -2.3 0.067 -9.000 -9.000 -999.   41.   11.9 0.04   0.91
1.00   0.89 116.   10.0 275.9   2.0
 18 01 01   1 08   -2.0 0.065 -9.000 -9.000 -999.   40.   12.5 0.04   0.91
0.73   0.79 144.   10.0 274.9   2.0
 18 01 01   1 09   -1.1 0.052 -9.000 -9.000 -999.   29.   12.4 0.04   0.91
0.39   0.80 107.   10.0 277.5   2.0
 18 01 01   1 10   43.4 0.095 0.542 0.006 133.   70.   -1.8 0.03   0.91

```
0.27    0.86   66.   10.0  283.1    2.0
 18 01 01   1 11   78.0  0.102  0.984  0.015  445.   78.     -1.2  0.03   0.91
0.23    0.91   58.   10.0  286.4    2.0
 18 01 01   1 12   97.1  0.128  1.130  0.017  542.  110.     -2.0  0.03   0.91
0.22    1.21  317.   10.0  288.1    2.0
 18 01 01   1 13   99.8  0.180  1.195  0.018  623.  183.     -5.3  0.18   0.91
0.21    1.21  273.   10.0  289.2    2.0
 18 01 01   1 14   86.4  0.206  1.182  0.019  696.  225.     -9.2  0.18   0.91
0.22    1.52  277.   10.0  290.9    2.0
 18 01 01   1 15   57.0  0.162  1.042  0.019  723.  157.     -6.8  0.03   0.91
0.26    1.82  307.   10.0  291.4    2.0
 18 01 01   1 16   14.4  0.269  0.661  0.019  726.  334.   -122.2  0.18   0.91
0.35    2.55  299.   10.0  290.9    2.0
 18 01 01   1 17  -15.6  0.177 -9.000 -9.000 -999.  183.     34.6  0.03   0.91
0.60    2.74  306.   10.0  287.5    2.0
 18 01 01   1 18  -11.1  0.138 -9.000 -9.000 -999.  123.     21.5  0.03   0.91
1.00    2.18  307.   10.0  285.4    2.0
 18 01 01   1 19  -15.0  0.173 -9.000 -9.000 -999.  173.     33.0  0.20   0.91
1.00    1.81  252.   10.0  283.8    2.0
 18 01 01   1 20   -4.2  0.091 -9.000 -9.000 -999.   68.     16.4  0.20   0.91
1.00    0.96  266.   10.0  283.8    2.0
 18 01 01   1 21   -2.6  0.071 -9.000 -9.000 -999.   45.     12.1  0.04   0.91
1.00    0.97  168.   10.0  281.4    2.0
 18 01 01   1 22  -11.3  0.141 -9.000 -9.000 -999.  127.     22.5  0.04   0.91
1.00    2.08  169.   10.0  281.4    2.0
 18 01 01   1 23  -13.3  0.152 -9.000 -9.000 -999.  142.     25.4  0.04   0.91
1.00    2.30  114.   10.0  280.4    2.0
 18 01 01   1 24  -13.7  0.154 -9.000 -9.000 -999.  145.     26.1  0.04   0.91
1.00    2.33   97.   10.0  280.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01   10.0 1   14.    1.42   278.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                           ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***       17:00:44

                                   PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_IDLE   ***
                                   INCLUDING SOURCE(S):     C_IDLE      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652763.96	4219991.30	7.95248	652783.96	4219991.30	8.87233
652803.96	4219991.30	9.98069	652823.96	4219991.30	11.33160
652843.96	4219991.30	12.99601	652763.96	4220011.30	8.40410
652783.96	4220011.30	9.42955	652803.96	4220011.30	10.67787
652823.96	4220011.30	12.21625	652843.96	4220011.30	14.14254
652763.96	4220031.30	8.70543	652783.96	4220031.30	9.80158
652803.96	4220031.30	11.13865	652823.96	4220031.30	12.79474
652843.96	4220031.30	14.88270	652763.96	4220051.30	8.86086
652783.96	4220051.30	9.98918	652803.96	4220051.30	11.36436
652823.96	4220051.30	13.06797	652843.96	4220051.30	15.21262
652763.96	4220071.30	8.90283	652783.96	4220071.30	10.03224
652803.96	4220071.30	11.40693	652823.96	4220071.30	13.10821
652763.96	4220091.30	8.86506	652783.96	4220091.30	9.97957
652803.96	4220091.30	11.33692	652823.96	4220091.30	13.01642
652843.96	4220091.30	15.12179	652763.96	4220111.30	8.78073
652783.96	4220111.30	9.88156	652803.96	4220111.30	11.22226
652823.96	4220111.30	12.88173	652843.96	4220111.30	14.96127
652783.96	4220131.30	9.78094	652803.96	4220131.30	11.11094
652823.96	4220131.30	12.75145	653217.50	4220029.01	47.70091
653237.50	4220029.01	37.99412	653257.50	4220029.01	31.05475
653277.50	4220029.01	25.91194	653297.50	4220029.01	21.99031

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         653217.50    4220049.01       42.45543                       653237.50
4220049.01       34.56295
         653257.50    4220049.01       28.72760                       653277.50
4220049.01       24.28598
         653297.50    4220049.01       20.82452                       653217.50
4220069.01       34.10672
         653237.50    4220069.01       28.80888                       653257.50
4220069.01       24.65854
         653277.50    4220069.01       21.34163                       653297.50
4220069.01       18.65237
         653091.77    4220073.80      108.29993                       653107.01
4220074.09       95.11951
         653127.01    4220074.09       78.50358                       653147.01
4220074.09       63.06294
         653167.01    4220074.09       50.87265                       653187.01
4220074.09       41.71402
         653207.01    4220074.09       34.80883                       653226.41
4220070.49       31.01072
         653246.41    4220070.49       26.42813                       653266.41
4220070.49       22.78752
         653286.41    4220070.49       19.84828                       653306.41
4220070.49       17.44267
         653092.17    4220089.40       58.16915                       653107.41
4220089.69       52.90910
         653127.41    4220089.69       48.44972                       653147.41
4220089.69       42.88495
         653167.41    4220089.69       36.99396                       653187.41
4220089.69       31.73246
         653207.41    4220089.69       27.38413                       653226.41
4220090.49       23.75824
         653246.41    4220090.49       20.90820                       653266.41
4220090.49       18.54562
         653286.41    4220090.49       16.55891                       653306.41
4220090.49       14.87014
         653092.17    4220109.40       34.45435                       653107.41
4220109.69       31.16115
         653127.41    4220109.69       29.16421                       653147.41
4220109.69       27.65950
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_IDLE   ***
                                   INCLUDING SOURCE(S):     C_IDLE      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653167.41	4220109.69	25.60163	653187.41	4220109.69	23.11416
653207.41	4220109.69	20.62193	653226.41	4220110.49	18.31425
653246.41	4220110.49	16.42137	653266.41	4220110.49	14.82389
653286.41	4220110.49	13.46648	653306.41	4220110.49	12.30072
653092.88	4220123.48	25.84796	653108.12	4220123.76	23.49087
653128.12	4220123.76	21.82441	653148.12	4220123.76	20.94600
653168.12	4220123.76	20.03558	653188.12	4220123.76	18.73626
653208.12	4220123.76	17.16468	653227.12	4220124.56	15.50179
653247.12	4220124.56	14.04274	653267.12	4220124.56	12.76564
653287.12	4220124.56	11.66898	653307.12	4220124.56	10.72789
652875.28	4219709.68	4.49993	652895.28	4219709.68	4.94871
652915.28	4219709.68	5.44329	652935.28	4219709.68	5.95337
652955.28	4219709.68	6.41498	652975.28	4219709.68	6.75540
652995.28	4219709.68	6.93793	653015.28	4219709.68	6.99415
652875.28	4219729.68	4.74810	652895.28	4219729.68	5.24880
652915.28	4219729.68	5.81017	652935.28	4219729.68	6.41123
652955.28	4219729.68	6.98873	652975.28	4219729.68	7.44833
652995.28	4219729.68	7.72244	653015.28	4219729.68	7.82782
652875.28	4219749.68	5.01343	652895.28	4219749.68	5.57235
652915.28	4219749.68	6.20892	652935.28	4219749.68	6.91226

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         652955.28    4219749.68        7.62650                      652975.28
4219749.68        8.23887
         652995.28    4219749.68        8.64169                      653015.28
4219749.68        8.82266
         652875.28    4219769.68        5.30070                      652895.28
4219769.68        5.92150
         652915.28    4219769.68        6.64349                      652935.28
4219769.68        7.46309
         652955.28    4219769.68        8.33614                      652975.28
4219769.68        9.14251
         652995.28    4219769.68        9.72510                      653015.28
4219769.68       10.02230
         652875.28    4219789.68        5.62277                      652895.28
4219789.68        6.30239
         652915.28    4219789.68        7.11810                      652935.28
4219789.68        8.06971
         652955.28    4219789.68        9.12877                      652975.28
4219789.68       10.17733
         652995.28    4219789.68       11.00956                      653015.28
4219789.68       11.48533
         652875.28    4219809.68        6.00444                      652895.28
4219809.68        6.72997
         652915.28    4219809.68        7.63957                      652935.28
4219809.68        8.74038
         652955.28    4219809.68       10.01599                      652975.28
4219809.68       11.36548
         652995.28    4219809.68       12.54004                      653015.28
4219809.68       13.29042
         652875.28    4219829.68        6.47861                      652895.28
4219829.68        7.23610
         652915.28    4219829.68        8.22732                      652935.28
4219829.68        9.48570
         652955.28    4219829.68       11.01358                      652975.28
4219829.68       12.73297
         652995.28    4219829.68       14.37390                      653015.28
4219829.68       15.54654
         652875.28    4219849.68        7.07247                      652895.28
4219849.68        7.87018
         652915.28    4219849.68        8.92482                      652935.28
4219849.68       10.33182
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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                                    PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_IDLE   ***
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INCLUDING SOURCE(S): C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652955.28	4219849.68	12.13983	652975.28	4219849.68	14.31248
652995.28	4219849.68	16.58423	653015.28	4219849.68	18.40575
653396.88	4219710.60	7.49216	653416.88	4219710.60	7.23004
653436.88	4219710.60	6.94560	653456.88	4219710.60	6.64567
653476.88	4219710.60	6.33822	653496.88	4219710.60	6.02912
653516.88	4219710.60	5.72413	653396.88	4219730.60	8.10034
653416.88	4219730.60	7.75365	653436.88	4219730.60	7.38997
653456.88	4219730.60	7.01865	653476.88	4219730.60	6.64837
653496.88	4219730.60	6.28562	653516.88	4219730.60	5.93492
653396.88	4219750.60	8.71690	653416.88	4219750.60	8.27016
653436.88	4219750.60	7.81755	653456.88	4219750.60	7.36943
653476.88	4219750.60	6.93390	653496.88	4219750.60	6.51693
653516.88	4219750.60	6.12139	653396.88	4219770.60	9.32191
653416.88	4219770.60	8.76340	653436.88	4219770.60	8.21531
653456.88	4219770.60	7.68823	653476.88	4219770.60	7.18772
653496.88	4219770.60	6.71836	653516.88	4219770.60	6.28156
653476.88	4219790.60	7.40506	653496.88	4219790.60	6.88827
653516.88	4219790.60	6.41441	653476.88	4219810.60	7.58396
653496.88	4219810.60	7.02572	653516.88	4219810.60	6.52106

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         653476.88    4219830.60        7.72453                        653496.88
4219830.60        7.13280
         653516.88    4219830.60        6.60300                        653476.88
4219850.60        7.82852
         653496.88    4219850.60        7.21014                        653516.88
4219850.60        6.66097
         653476.88    4219870.60        7.89697                        653496.88
4219870.60        7.25894
         653516.88    4219870.60        6.69527                        653476.88
4219890.60        7.93124
         653496.88    4219890.60        7.27923                        653516.88
4219890.60        6.70645
         652096.56    4220162.55        1.23267                        652116.56
4220162.55        1.27498
         652136.56    4220162.55        1.32210                        652156.56
4220162.55        1.37118
         652176.56    4220162.55        1.42271                        652196.56
4220162.55        1.47768
         652216.56    4220162.55        1.53619                        652236.56
4220162.55        1.59863
         652256.56    4220162.55        1.66505                        652276.56
4220162.55        1.73515
         652296.56    4220162.55        1.81111                        652316.56
4220162.55        1.89241
         652336.56    4220162.55        1.97840                        652356.56
4220162.55        2.07156
         652376.56    4220162.55        2.17231                        652396.56
4220162.55        2.28009
         652416.56    4220162.55        2.39704                        652436.56
4220162.55        2.52382
         652456.56    4220162.55        2.66163                        652096.56
4220182.55        1.23053
         652116.56    4220182.55        1.27472                        652136.56
4220182.55        1.32069
         652156.56    4220182.55        1.36886                        652176.56
4220182.55        1.42026
         652196.56    4220182.55        1.47459                        652216.56
4220182.55        1.53276
         652236.56    4220182.55        1.59386                        652256.56
4220182.55        1.65894
         652276.56    4220182.55        1.72929                        652296.56
4220182.55        1.80339
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
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                                   PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: C_IDLE ***

INCLUDING SOURCE(S): C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220182.55	1.88249	652336.56	4220182.55	1.96831
652356.56	4220182.55	2.05983	652376.56	4220182.55	2.15780
652396.56	4220182.55	2.26454	652416.56	4220182.55	2.37907
652436.56	4220182.55	2.50344	652456.56	4220182.55	2.63900
652476.56	4220182.55	2.78695	652096.56	4220202.55	1.22851
652116.56	4220202.55	1.27207	652136.56	4220202.55	1.31646
652156.56	4220202.55	1.36474	652176.56	4220202.55	1.41506
652196.56	4220202.55	1.46904	652216.56	4220202.55	1.52555
652236.56	4220202.55	1.58595	652256.56	4220202.55	1.65061
652276.56	4220202.55	1.71879	652296.56	4220202.55	1.79178
652316.56	4220202.55	1.87032	652336.56	4220202.55	1.95351
652356.56	4220202.55	2.04360	652376.56	4220202.55	2.14050
652396.56	4220202.55	2.24453	652416.56	4220202.55	2.35769
652436.56	4220202.55	2.48014	652456.56	4220202.55	2.61380
652476.56	4220202.55	2.76011	652096.56	4220222.55	1.22484
652116.56	4220222.55	1.26580	652136.56	4220222.55	1.31096
652156.56	4220222.55	1.35768	652176.56	4220222.55	1.40794
652196.56	4220222.55	1.46012	652216.56	4220222.55	1.51607

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         652236.56    4220222.55        1.57561                        652256.56
4220222.55        1.63854
         652276.56    4220222.55        1.70571                        652296.56
4220222.55        1.77772
         652316.56    4220222.55        1.85409                        652336.56
4220222.55        1.93696
         652356.56    4220222.55        2.02528                        652376.56
4220222.55        2.12081
         652396.56    4220222.55        2.22394                        652416.56
4220222.55        2.33565
         652436.56    4220222.55        2.45717                        652456.56
4220222.55        2.59003
         652476.56    4220222.55        2.73589                        652096.56
4220242.55        1.21748
         652116.56    4220242.55        1.25902                        652136.56
4220242.55        1.30250
         652156.56    4220242.55        1.34929                        652176.56
4220242.55        1.39757
         652196.56    4220242.55        1.44945                        652216.56
4220242.55        1.50456
         652236.56    4220242.55        1.56269                        652256.56
4220242.55        1.62482
         652276.56    4220242.55        1.69129                        652296.56
4220242.55        1.76176
         652316.56    4220242.55        1.83801                        652336.56
4220242.55        1.91923
         652356.56    4220242.55        2.00715                        652376.56
4220242.55        2.10179
         652396.56    4220242.55        2.20440                        652416.56
4220242.55        2.31599
         652436.56    4220242.55        2.43756                        652456.56
4220242.55        2.57076
         652476.56    4220242.55        2.71702                        652096.56
4220262.55        1.20881
         652116.56    4220262.55        1.24997                        652136.56
4220262.55        1.29309
         652156.56    4220262.55        1.33854                        652176.56
4220262.55        1.38652
         652196.56    4220262.55        1.43748                        652216.56
4220262.55        1.49179
         652236.56    4220262.55        1.54918                        652256.56
4220262.55        1.61081
         652276.56    4220262.55        1.67616                        652296.56
4220262.55        1.74674
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: C_IDLE ***
INCLUDING SOURCE(S): C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220262.55	1.82200	652336.56	4220262.55	1.90329
652356.56	4220262.55	1.99070	652376.56	4220262.55	2.08565
652396.56	4220262.55	2.18845	652416.56	4220262.55	2.30053
652436.56	4220262.55	2.42276	652456.56	4220262.55	2.55711
652476.56	4220262.55	2.70458	652096.56	4220282.55	1.19993
652116.56	4220282.55	1.23981	652136.56	4220282.55	1.28262
652156.56	4220282.55	1.32722	652176.56	4220282.55	1.37480
652196.56	4220282.55	1.42542	652216.56	4220282.55	1.47889
652236.56	4220282.55	1.53637	652256.56	4220282.55	1.59742
652276.56	4220282.55	1.66284	652296.56	4220282.55	1.73299
652316.56	4220282.55	1.80848	652336.56	4220282.55	1.88996
652356.56	4220282.55	1.97805	652376.56	4220282.55	2.07338
652396.56	4220282.55	2.17732	652416.56	4220282.55	2.29023
652436.56	4220282.55	2.41390	652456.56	4220282.55	2.54958
652476.56	4220282.55	2.69828	652096.56	4220302.55	1.19010
652116.56	4220302.55	1.22986	652136.56	4220302.55	1.27195
652156.56	4220302.55	1.31633	652176.56	4220302.55	1.36387

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4220302.55        1.46771
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4220302.55        1.58591
         652276.56    4220302.55        1.65181                       652296.56
4220302.55        1.72221
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4220302.55        1.88031
         652356.56    4220302.55        1.96935                       652376.56
4220302.55        2.06568
         652396.56    4220302.55        2.17034                       652416.56
4220302.55        2.28447
         652436.56    4220302.55        2.40931                       652456.56
4220302.55        2.54556
         652476.56    4220302.55        2.69438                       652096.56
4220322.55        1.18055
         652116.56    4220322.55        1.22031                       652136.56
4220322.55        1.26228
         652156.56    4220322.55        1.30667                       652176.56
4220322.55        1.35406
         652196.56    4220322.55        1.40427                       652216.56
4220322.55        1.45821
         652236.56    4220322.55        1.51565                       652256.56
4220322.55        1.57739
         652276.56    4220322.55        1.64355                       652296.56
4220322.55        1.71491
         652316.56    4220322.55        1.79154                       652336.56
4220322.55        1.87477
         652356.56    4220322.55        1.96425                       652376.56
4220322.55        2.06157
         652396.56    4220322.55        2.16764                       652416.56
4220322.55        2.28226
         652436.56    4220322.55        2.40720                       652456.56
4220322.55        2.54304
         652476.56    4220322.55        2.69099                       652096.56
4220342.55        1.17215
         652116.56    4220342.55        1.21175                       652136.56
4220342.55        1.25365
         652156.56    4220342.55        1.29876                       652176.56
4220342.55        1.34624
         652196.56    4220342.55        1.39677                       652216.56
4220342.55        1.45129
         652236.56    4220342.55        1.50919                       652256.56
4220342.55        1.57155
         652276.56    4220342.55        1.63840                       652296.56
4220342.55        1.71044
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       17:00:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: C_IDLE ***

INCLUDING SOURCE(S): C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220342.55	1.78800	652336.56	4220342.55	1.87156
652356.56	4220342.55	1.96255	652376.56	4220342.55	2.06040
652396.56	4220342.55	2.16612	652416.56	4220342.55	2.28085
652436.56	4220342.55	2.40515	652456.56	4220342.55	2.53989
652476.56	4220342.55	2.68612	652096.56	4220362.55	1.16534
652116.56	4220362.55	1.20506	652136.56	4220362.55	1.24694
652156.56	4220362.55	1.29236	652176.56	4220362.55	1.34055
652196.56	4220362.55	1.39190	652216.56	4220362.55	1.44662
652236.56	4220362.55	1.50528	652256.56	4220362.55	1.56821
652276.56	4220362.55	1.63584	652296.56	4220362.55	1.70831
652316.56	4220362.55	1.78679	652336.56	4220362.55	1.87127
652356.56	4220362.55	1.96175	652376.56	4220362.55	2.05965
652396.56	4220362.55	2.16490	652416.56	4220362.55	2.27866
652436.56	4220362.55	2.40158	652456.56	4220362.55	2.53448
652476.56	4220362.55	2.67812	652096.56	4220382.55	1.16016
652116.56	4220382.55	1.20038	652136.56	4220382.55	1.24274

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         652156.56    4220382.55        1.28821                        652176.56
4220382.55        1.33666
         652196.56    4220382.55        1.38878                        652216.56
4220382.55        1.44418
         652236.56    4220382.55        1.50351                        652256.56
4220382.55        1.56686
         652276.56    4220382.55        1.63518                        652296.56
4220382.55        1.70851
         652316.56    4220382.55        1.78680                        652336.56
4220382.55        1.87105
         652356.56    4220382.55        1.96127                        652376.56
4220382.55        2.05816
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4220382.55        2.27478
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4220382.55        2.52562
         652476.56    4220382.55        2.66444                        652096.56
4220402.55        1.15663
         652116.56    4220402.55        1.19740                        652136.56
4220402.55        1.24040
         652156.56    4220402.55        1.28627                        652176.56
4220402.55        1.33515
         652196.56    4220402.55        1.38752                        652216.56
4220402.55        1.44335
         652236.56    4220402.55        1.50324                        652256.56
4220402.55        1.56723
         652276.56    4220402.55        1.63561                        652296.56
4220402.55        1.70868
         652316.56    4220402.55        1.78667                        652336.56
4220402.55        1.87018
         652356.56    4220402.55        1.95973                        652376.56
4220402.55        2.05540
         652396.56    4220402.55        2.15785                        652416.56
4220402.55        2.26820
         652436.56    4220402.55        2.38596                        652456.56
4220402.55        2.51130
         652476.56    4220402.55        2.64419                        652096.56
4220422.55        1.15450
         652116.56    4220422.55        1.19575                        652136.56
4220422.55        1.23950
         652156.56    4220422.55        1.28580                        652176.56
4220422.55        1.33511
         652196.56    4220422.55        1.38780                        652216.56
4220422.55        1.44401
         652236.56    4220422.55        1.50405                        652256.56
4220422.55        1.56788
         652276.56    4220422.55        1.63581                        652296.56
4220422.55        1.70839
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: C_IDLE ***
INCLUDING SOURCE(S): C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	1.78574	652336.56	4220422.55	1.86811
652356.56	4220422.55	1.95613	652376.56	4220422.55	2.05048
652396.56	4220422.55	2.15080	652416.56	4220422.55	2.25779
652436.56	4220422.55	2.37085	652456.56	4220422.55	2.49040
652476.56	4220422.55	2.61573	652096.56	4220442.55	1.15371
652116.56	4220442.55	1.19521	652136.56	4220442.55	1.23945
652156.56	4220442.55	1.28615	652176.56	4220442.55	1.33583
652196.56	4220442.55	1.38870	652216.56	4220442.55	1.44489
652236.56	4220442.55	1.50443	652256.56	4220442.55	1.56783
652276.56	4220442.55	1.63525	652296.56	4220442.55	1.70684
652316.56	4220442.55	1.78309	652336.56	4220442.55	1.86438
652356.56	4220442.55	1.95068	652376.56	4220442.55	2.04242
652396.56	4220442.55	2.13992	652416.56	4220442.55	2.24240
652436.56	4220442.55	2.35001	652456.56	4220442.55	2.46233
652476.56	4220442.55	2.57879	652096.56	4220462.55	1.15379

652116.56 4220462.55 1.19551 652136.56
4220462.55 1.23994
652156.56 4220462.55 1.28685 652176.56
4220462.55 1.33674
652196.56 4220462.55 1.38926 652216.56
4220462.55 1.44494
652236.56 4220462.55 1.50407 652256.56
4220462.55 1.56676
652276.56 4220462.55 1.63334 652296.56
4220462.55 1.70388
652316.56 4220462.55 1.77878 652336.56
4220462.55 1.85845
652356.56 4220462.55 1.94238 652376.56
4220462.55 2.03089
652396.56 4220462.55 2.12401 652416.56
4220462.55 2.22133
652436.56 4220462.55 2.32261 652456.56
4220462.55 2.42645
652476.56 4220462.55 2.53276 652096.56
4220482.55 1.15449
652116.56 4220482.55 1.19632 652136.56
4220482.55 1.24083
652156.56 4220482.55 1.28762 652176.56
4220482.55 1.33698
652196.56 4220482.55 1.38906 652216.56
4220482.55 1.44422
652236.56 4220482.55 1.50257 652256.56
4220482.55 1.56445
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4220482.55 1.69919
652316.56 4220482.55 1.77244 652336.56
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652356.56 4220482.55 1.93057 652376.56
4220482.55 2.01510
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4220482.55 2.19409
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4220482.55 2.38238
652476.56 4220482.55 2.47769 652216.56
4220502.55 1.44242
652236.56 4220502.55 1.49994 652256.56
4220502.55 1.56069
652276.56 4220502.55 1.62496 652296.56
4220502.55 1.69248
652316.56 4220502.55 1.76336 652336.56
4220502.55 1.83744
652356.56 4220502.55 1.91463 652376.56
4220502.55 1.99454
652396.56 4220502.55 2.07665 652416.56
4220502.55 2.16029

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: C_IDLE ***
INCLUDING SOURCE(S): C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652436.56	4220502.55	2.24518	652456.56	4220502.55	2.33025
652476.56	4220502.55	2.41435	652396.56	4220522.55	2.04417
652416.56	4220522.55	2.12012	652436.56	4220522.55	2.19597
652456.56	4220522.55	2.27086	652476.56	4220522.55	2.34401

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- -
- -
652763.96 4219991.30 12.21116 652783.96
4219991.30 14.13220
652803.96 4219991.30 16.70817 652823.96
4219991.30 20.21018
652843.96 4219991.30 24.80641 652763.96
4220011.30 13.87755
652783.96 4220011.30 16.16529 652803.96
4220011.30 19.25268
652823.96 4220011.30 23.58560 652843.96
4220011.30 29.71209
652763.96 4220031.30 16.04454 652783.96
4220031.30 18.87693
652803.96 4220031.30 22.69470 652823.96
4220031.30 28.12733
652843.96 4220031.30 36.27818 652763.96
4220051.30 18.82595
652783.96 4220051.30 22.53283 652803.96
4220051.30 27.54670
652823.96 4220051.30 34.70109 652843.96
4220051.30 45.70104
652763.96 4220071.30 22.05294 652783.96
4220071.30 27.09495
652803.96 4220071.30 34.16394 652823.96
4220071.30 44.54979
652763.96 4220091.30 25.04830 652783.96
4220091.30 31.60846
652803.96 4220091.30 41.37689 652823.96
4220091.30 56.90359
652843.96 4220091.30 83.43244 652763.96
4220111.30 27.02390
652783.96 4220111.30 34.60997 652803.96
4220111.30 46.25785
652823.96 4220111.30 65.65416 652843.96
4220111.30 101.30490
652783.96 4220131.30 35.76876 652803.96
4220131.30 47.85155
652823.96 4220131.30 67.69151 653217.50
4220029.01 14.13522
653237.50 4220029.01 12.54525 653257.50
4220029.01 11.21612
653277.50 4220029.01 10.09512 653297.50
4220029.01 9.13990
653217.50 4220049.01 14.11439 653237.50
4220049.01 12.52330
653257.50 4220049.01 11.19689 653277.50
4220049.01 10.07889
653297.50 4220049.01 9.12693 653217.50
4220069.01 14.05236

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         653237.50    4220069.01       12.47238                       653257.50
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4220069.01        9.10047
         653091.77    4220073.80       39.07097                       653107.01
4220074.09       33.26750
         653127.01    4220074.09       27.48278                       653147.01
4220074.09       23.12929
         653167.01    4220074.09       19.76734                       653187.01
4220074.09       17.11396
         653207.01    4220074.09       14.98161                       653226.41
4220070.49       13.30447
         653246.41    4220070.49       11.85134                       653266.41
4220070.49       10.63432
         653286.41    4220070.49        9.60284                       653306.41
4220070.49        8.72101
         653092.17    4220089.40       38.28679                       653107.41
4220089.69       32.63004
         653127.41    4220089.69       27.00096                       653147.41
4220089.69       22.76037
         653167.41    4220089.69       19.48079                       653187.41
4220089.69       16.88810
         653207.41    4220089.69       14.80130                       653226.41
4220090.49       13.16435
         653246.41    4220090.49       11.73901                       653266.41
4220090.49       10.54264
         653286.41    4220090.49        9.52800                       653306.41
4220090.49        8.65907
         653092.17    4220109.40       36.31507                       653107.41
4220109.69       31.11052
         653127.41    4220109.69       25.90686                       653147.41
4220109.69       21.94942
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                   INCLUDING SOURCE(S):     FUEL        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF TOG      IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653167.41	4220109.69	18.86607	653187.41	4220109.69	16.41230
653207.41	4220109.69	14.42675	653226.41	4220110.49	12.85496
653246.41	4220110.49	11.48901	653266.41	4220110.49	10.34012
653286.41	4220110.49	9.36230	653306.41	4220110.49	8.52285
653092.88	4220123.48	33.52651	653108.12	4220123.76	28.99383
653128.12	4220123.76	24.39653	653148.12	4220123.76	20.83847
653168.12	4220123.76	18.02869	653188.12	4220123.76	15.76750
653208.12	4220123.76	13.92189	653227.12	4220124.56	12.44013
653247.12	4220124.56	11.15418	653267.12	4220124.56	10.06715
653287.12	4220124.56	9.13691	653307.12	4220124.56	8.33599
652875.28	4219709.68	4.83036	652895.28	4219709.68	4.93919
652915.28	4219709.68	5.09024	652935.28	4219709.68	5.29859
652955.28	4219709.68	5.56689	652975.28	4219709.68	5.88267
652995.28	4219709.68	6.21706	653015.28	4219709.68	6.53325
652875.28	4219729.68	5.27587	652895.28	4219729.68	5.40603
652915.28	4219729.68	5.58330	652935.28	4219729.68	5.82863
652955.28	4219729.68	6.14435	652975.28	4219729.68	6.51172
652995.28	4219729.68	6.89347	653015.28	4219729.68	7.24246
652875.28	4219749.68	5.78797	652895.28	4219749.68	5.94425
652915.28	4219749.68	6.15589	652935.28	4219749.68	6.44763
652955.28	4219749.68	6.82131	652975.28	4219749.68	7.25144
652995.28	4219749.68	7.68787	653015.28	4219749.68	8.07026
652875.28	4219769.68	6.37991	652895.28	4219769.68	6.57048

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         652915.28    4219769.68        6.82542                       652935.28
4219769.68        7.17698
         652955.28    4219769.68        7.62356                       652975.28
4219769.68        8.12955
         652995.28    4219769.68        8.62690                       653015.28
4219769.68        9.04211
         652875.28    4219789.68        7.07096                       652895.28
4219789.68        7.30714
         652915.28    4219789.68        7.61797                       652935.28
4219789.68        8.04547
         652955.28    4219789.68        8.58264                       652975.28
4219789.68        9.18069
         652995.28    4219789.68        9.74870                       653015.28
4219789.68       10.19048
         652875.28    4219809.68        7.88513                       652895.28
4219809.68        8.18090
         652915.28    4219809.68        8.56611                       652935.28
4219809.68        9.09002
         652955.28    4219809.68        9.74407                       652975.28
4219809.68       10.45378
         652995.28    4219809.68       11.09792                       653015.28
4219809.68       11.55850
         652875.28    4219829.68        8.85192                       652895.28
4219829.68        9.22906
         652915.28    4219829.68        9.71351                       652935.28
4219829.68       10.36620
         652955.28    4219829.68       11.16926                       652975.28
4219829.68       12.01378
         652995.28    4219829.68       12.73855                       653015.28
4219829.68       13.19777
         652875.28    4219849.68       10.01451                       652895.28
4219849.68       10.50410
         652915.28    4219849.68       11.12002                       652935.28
4219849.68       11.94479
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL      ***
                                   INCLUDING SOURCE(S):     FUEL        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652955.28	4219849.68	12.94158	652975.28	4219849.68	13.95101
652995.28	4219849.68	14.75468	653015.28	4219849.68	15.18088
653396.88	4219710.60	4.41168	653416.88	4219710.60	4.25412
653436.88	4219710.60	4.09632	653456.88	4219710.60	3.93946
653476.88	4219710.60	3.78480	653496.88	4219710.60	3.63330
653516.88	4219710.60	3.48584	653396.88	4219730.60	4.62013
653416.88	4219730.60	4.43752	653436.88	4219730.60	4.25667
653456.88	4219730.60	4.07912	653476.88	4219730.60	3.90589
653496.88	4219730.60	3.73805	653516.88	4219730.60	3.57634
653396.88	4219750.60	4.82462	653416.88	4219750.60	4.61482
653436.88	4219750.60	4.40976	653456.88	4219750.60	4.21080
653476.88	4219750.60	4.01893	653496.88	4219750.60	3.83481
653516.88	4219750.60	3.65900	653396.88	4219770.60	5.02122
653416.88	4219770.60	4.78294	653436.88	4219770.60	4.55302
653456.88	4219770.60	4.33247	653476.88	4219770.60	4.12222
653496.88	4219770.60	3.92247	653516.88	4219770.60	3.73327
653476.88	4219790.60	4.21471	653496.88	4219790.60	4.00011
653516.88	4219790.60	3.79853	653476.88	4219810.60	4.29558
653496.88	4219810.60	4.06712	653516.88	4219810.60	3.85431
653476.88	4219830.60	4.36400	653496.88	4219830.60	4.12327
653516.88	4219830.60	3.90034	653476.88	4219850.60	4.41966
653496.88	4219850.60	4.16837	653516.88	4219850.60	3.93689

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         653476.88    4219870.60        4.46301                       653496.88
4219870.60        4.20282
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4219890.60        4.49414
         653496.88    4219890.60        4.22707                       653516.88
4219890.60        3.98304
         652096.56    4220162.55        1.60190                       652116.56
4220162.55        1.66959
         652136.56    4220162.55        1.74205                       652156.56
4220162.55        1.81968
         652176.56    4220162.55        1.90291                       652196.56
4220162.55        1.99243
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4220162.55        2.19318
         652256.56    4220162.55        2.30614                       652276.56
4220162.55        2.42874
         652296.56    4220162.55        2.56220                       652316.56
4220162.55        2.70776
         652336.56    4220162.55        2.86688                       652356.56
4220162.55        3.04157
         652376.56    4220162.55        3.23409                       652396.56
4220162.55        3.44726
         652416.56    4220162.55        3.68360                       652436.56
4220162.55        3.94674
         652456.56    4220162.55        4.24237                       652096.56
4220182.55        1.60785
         652116.56    4220182.55        1.67564                       652136.56
4220182.55        1.74813
         652156.56    4220182.55        1.82590                       652176.56
4220182.55        1.90939
         652196.56    4220182.55        1.99911                       652216.56
4220182.55        2.09578
         652236.56    4220182.55        2.20025                       652256.56
4220182.55        2.31346
         652276.56    4220182.55        2.43619                       652296.56
4220182.55        2.56966
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                   INCLUDING SOURCE(S):     FUEL        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220182.55	2.71520	652336.56	4220182.55	2.87463
652356.56	4220182.55	3.04960	652376.56	4220182.55	3.24222
652396.56	4220182.55	3.45494	652416.56	4220182.55	3.69125
652436.56	4220182.55	3.95418	652456.56	4220182.55	4.24965
652476.56	4220182.55	4.58378	652096.56	4220202.55	1.61085
652116.56	4220202.55	1.67866	652136.56	4220202.55	1.75127
652156.56	4220202.55	1.82898	652176.56	4220202.55	1.91247
652196.56	4220202.55	2.00214	652216.56	4220202.55	2.09873
652236.56	4220202.55	2.20296	652256.56	4220202.55	2.31579
652276.56	4220202.55	2.43815	652296.56	4220202.55	2.57123
652316.56	4220202.55	2.71647	652336.56	4220202.55	2.87520
652356.56	4220202.55	3.04948	652376.56	4220202.55	3.24141
652396.56	4220202.55	3.45331	652416.56	4220202.55	3.68831
652436.56	4220202.55	3.95004	652456.56	4220202.55	4.24386
652476.56	4220202.55	4.57622	652096.56	4220222.55	1.61149
652116.56	4220222.55	1.67922	652136.56	4220222.55	1.75156
652156.56	4220222.55	1.82896	652176.56	4220222.55	1.91208
652196.56	4220222.55	2.00139	652216.56	4220222.55	2.09754
652236.56	4220222.55	2.20129	652256.56	4220222.55	2.31356
652276.56	4220222.55	2.43539	652296.56	4220222.55	2.56795
652316.56	4220222.55	2.71233	652336.56	4220222.55	2.87022

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         652356.56    4220222.55        3.04334                       652376.56
4220222.55        3.23400
         652396.56    4220222.55        3.44464                       652416.56
4220222.55        3.67833
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4220222.55        4.23027
         652476.56    4220222.55        4.56019                       652096.56
4220242.55        1.61017
         652116.56    4220242.55        1.67741                       652136.56
4220242.55        1.74931
         652156.56    4220242.55        1.82636                       652176.56
4220242.55        1.90894
         652196.56    4220242.55        1.99785                       652216.56
4220242.55        2.09348
         652236.56    4220242.55        2.19669                       652256.56
4220242.55        2.30834
         652276.56    4220242.55        2.42932                       652296.56
4220242.55        2.56086
         652316.56    4220242.55        2.70424                       652336.56
4220242.55        2.86105
         652356.56    4220242.55        3.03322                       652376.56
4220242.55        3.22245
         652396.56    4220242.55        3.43136                       652416.56
4220242.55        3.66309
         652436.56    4220242.55        3.92093                       652456.56
4220242.55        4.21143
         652476.56    4220242.55        4.53825                       652096.56
4220262.55        1.60680
         652116.56    4220262.55        1.67373                       652136.56
4220262.55        1.74523
         652156.56    4220262.55        1.82183                       652176.56
4220262.55        1.90400
         652196.56    4220262.55        1.99226                       652216.56
4220262.55        2.08720
         652236.56    4220262.55        2.18954                       652256.56
4220262.55        2.30029
         652276.56    4220262.55        2.42042                       652296.56
4220262.55        2.55113
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL      ***
                                   INCLUDING SOURCE(S):     FUEL        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220262.55	2.69354	652336.56	4220262.55	2.84922
652356.56	4220262.55	3.01998	652376.56	4220262.55	3.20790
652396.56	4220262.55	3.41555	652416.56	4220262.55	3.64567
652436.56	4220262.55	3.90193	652456.56	4220262.55	4.18975
652476.56	4220262.55	4.51322	652096.56	4220282.55	1.60236
652116.56	4220282.55	1.66877	652136.56	4220282.55	1.73968
652156.56	4220282.55	1.81562	652176.56	4220282.55	1.89707
652196.56	4220282.55	1.98464	652216.56	4220282.55	2.07897
652236.56	4220282.55	2.18074	652256.56	4220282.55	2.29089
652276.56	4220282.55	2.41027	652296.56	4220282.55	2.54004
652316.56	4220282.55	2.68146	652336.56	4220282.55	2.83610
652356.56	4220282.55	3.00574	652376.56	4220282.55	3.19238
652396.56	4220282.55	3.39859	652416.56	4220282.55	3.62699
652436.56	4220282.55	3.88144	652456.56	4220282.55	4.16667
652476.56	4220282.55	4.48627	652096.56	4220302.55	1.59651
652116.56	4220302.55	1.66250	652136.56	4220302.55	1.73297
652156.56	4220302.55	1.80849	652176.56	4220302.55	1.88948
652196.56	4220302.55	1.97649	652216.56	4220302.55	2.07024
652236.56	4220302.55	2.17124	652256.56	4220302.55	2.28047
652276.56	4220302.55	2.39906	652296.56	4220302.55	2.52802

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         652316.56    4220302.55        2.66874                        652336.56
4220302.55        2.82254
         652356.56    4220302.55        2.99125                        652376.56
4220302.55        3.17674
         652396.56    4220302.55        3.38151                        652416.56
4220302.55        3.60761
         652436.56    4220302.55        3.85942                        652456.56
4220302.55        4.14030
         652476.56    4220302.55        4.45372                        652096.56
4220322.55        1.59008
         652116.56    4220322.55        1.65563                        652136.56
4220322.55        1.72567
         652156.56    4220322.55        1.80067                        652176.56
4220322.55        1.88115
         652196.56    4220322.55        1.96760                        652216.56
4220322.55        2.06070
         652236.56    4220322.55        2.16123                        652256.56
4220322.55        2.27015
         652276.56    4220322.55        2.38830                        652296.56
4220322.55        2.51667
         652316.56    4220322.55        2.65662                        652336.56
4220322.55        2.80948
         652356.56    4220322.55        2.97698                        652376.56
4220322.55        3.16091
         652396.56    4220322.55        3.36336                        652416.56
4220322.55        3.58706
         652436.56    4220322.55        3.83536                        652456.56
4220322.55        4.11034
         652476.56    4220322.55        4.41561                        652096.56
4220342.55        1.58321
         652116.56    4220342.55        1.64839                        652136.56
4220342.55        1.71814
         652156.56    4220342.55        1.79270                        652176.56
4220342.55        1.87287
         652196.56    4220342.55        1.95890                        652216.56
4220342.55        2.05173
         652236.56    4220342.55        2.15194                        652256.56
4220342.55        2.26034
         652276.56    4220342.55        2.37781                        652296.56
4220342.55        2.50547
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       17:00:44

                                    PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
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INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220342.55	2.64453	652336.56	4220342.55	2.79631
652356.56	4220342.55	2.96234	652376.56	4220342.55	3.14426
652396.56	4220342.55	3.34390	652416.56	4220342.55	3.56369
652436.56	4220342.55	3.80633	652456.56	4220342.55	4.07319
652476.56	4220342.55	4.36734	652096.56	4220362.55	1.57652
652116.56	4220362.55	1.64140	652136.56	4220362.55	1.71076
652156.56	4220362.55	1.78513	652176.56	4220362.55	1.86506
652196.56	4220362.55	1.95085	652216.56	4220362.55	2.04323
652236.56	4220362.55	2.14303	652256.56	4220362.55	2.25086
652276.56	4220362.55	2.36779	652296.56	4220362.55	2.49470
652316.56	4220362.55	2.63263	652336.56	4220362.55	2.78291
652356.56	4220362.55	2.94671	652376.56	4220362.55	3.12562
652396.56	4220362.55	3.32117	652416.56	4220362.55	3.53560
652436.56	4220362.55	3.77026	652456.56	4220362.55	4.02658
652476.56	4220362.55	4.30621	652096.56	4220382.55	1.57002
652116.56	4220382.55	1.63471	652136.56	4220382.55	1.70397
652156.56	4220382.55	1.77813	652176.56	4220382.55	1.85774
652196.56	4220382.55	1.94319	652216.56	4220382.55	2.03537
652236.56	4220382.55	2.13474	652256.56	4220382.55	2.24205

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         652276.56    4220382.55        2.35806                        652296.56
4220382.55        2.48378
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4220382.55        2.76821
         652356.56    4220382.55        2.92911                        652376.56
4220382.55        3.10394
         652396.56    4220382.55        3.29373                        652416.56
4220382.55        3.50054
         652436.56    4220382.55        3.72511                        652456.56
4220382.55        3.96799
         652476.56    4220382.55        4.22989                        652096.56
4220402.55        1.56406
         652116.56    4220402.55        1.62869                        652136.56
4220402.55        1.69779
         652156.56    4220402.55        1.77174                        652176.56
4220402.55        1.85112
         652196.56    4220402.55        1.93633                        652216.56
4220402.55        2.02798
         652236.56    4220402.55        2.12656                        652256.56
4220402.55        2.23292
         652276.56    4220402.55        2.34777                        652296.56
4220402.55        2.47189
         652316.56    4220402.55        2.60609                        652336.56
4220402.55        2.75106
         652356.56    4220402.55        2.90774                        652376.56
4220402.55        3.07688
         652396.56    4220402.55        3.25960                        652416.56
4220402.55        3.45703
         652436.56    4220402.55        3.66922                        652456.56
4220402.55        3.89616
         652476.56    4220402.55        4.13788                        652096.56
4220422.55        1.55881
         652116.56    4220422.55        1.62329                        652136.56
4220422.55        1.69204
         652156.56    4220422.55        1.76581                        652176.56
4220422.55        1.84480
         652196.56    4220422.55        1.92957                        652216.56
4220422.55        2.02044
         652236.56    4220422.55        2.11826                        652256.56
4220422.55        2.22345
         652276.56    4220422.55        2.33662                        652296.56
4220422.55        2.45839
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       17:00:44

                                   PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***

INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	2.58935	652336.56	4220422.55	2.73004
652356.56	4220422.55	2.88144	652376.56	4220422.55	3.04366
652396.56	4220422.55	3.21766	652416.56	4220422.55	3.40386
652436.56	4220422.55	3.60137	652456.56	4220422.55	3.81050
652476.56	4220422.55	4.02979	652096.56	4220442.55	1.55395
652116.56	4220442.55	1.61813	652136.56	4220442.55	1.68678
652156.56	4220442.55	1.76019	652176.56	4220442.55	1.83873
652196.56	4220442.55	1.92272	652216.56	4220442.55	2.01268
652236.56	4220442.55	2.10914	652256.56	4220442.55	2.21246
652276.56	4220442.55	2.32323	652296.56	4220442.55	2.44172
652316.56	4220442.55	2.56875	652336.56	4220442.55	2.70444
652356.56	4220442.55	2.84927	652376.56	4220442.55	3.00316
652396.56	4220442.55	3.16698	652416.56	4220442.55	3.33988
652436.56	4220442.55	3.52172	652456.56	4220442.55	3.71157
652476.56	4220442.55	3.90828	652096.56	4220462.55	1.54950
652116.56	4220462.55	1.61355	652136.56	4220462.55	1.68179
652156.56	4220462.55	1.75445	652176.56	4220462.55	1.83225
652196.56	4220462.55	1.91521	652216.56	4220462.55	2.00382

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         652236.56    4220462.55        2.09840                    652256.56
4220462.55        2.19925
         652276.56    4220462.55        2.30701                    652296.56
4220462.55        2.42174
         652316.56    4220462.55        2.54372                    652336.56
4220462.55        2.67319
         652356.56    4220462.55        2.81020                    652376.56
4220462.55        2.95470
         652396.56    4220462.55        3.10692                    652416.56
4220462.55        3.26603
         652436.56    4220462.55        3.43110                    652456.56
4220462.55        3.60105
         652476.56    4220462.55        3.77461                    652096.56
4220482.55        1.54527
         652116.56    4220482.55        1.60874                    652136.56
4220482.55        1.67640
         652156.56    4220482.55        1.74832                    652176.56
4220482.55        1.82501
         652196.56    4220482.55        1.90640                    652216.56
4220482.55        1.99314
         652236.56    4220482.55        2.08533                    652256.56
4220482.55        2.18334
         652276.56    4220482.55        2.28727                    652296.56
4220482.55        2.39734
         652316.56    4220482.55        2.51346                    652336.56
4220482.55        2.63594
         652356.56    4220482.55        2.76415                    652376.56
4220482.55        2.89836
         652396.56    4220482.55        3.03813                    652416.56
4220482.55        3.18241
         652436.56    4220482.55        3.33027                    652456.56
4220482.55        3.48075
         652476.56    4220482.55        3.63197                    652216.56
4220502.55        1.98035
         652236.56    4220502.55        2.06956                    652256.56
4220502.55        2.16391
         652276.56    4220502.55        2.26332                    652296.56
4220502.55        2.36787
         652316.56    4220502.55        2.47754                    652336.56
4220502.55        2.59205
         652356.56    4220502.55        2.71110                    652376.56
4220502.55        2.83447
         652396.56    4220502.55        2.96116                    652416.56
4220502.55        3.09059
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                        ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       17:00:44

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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652436.56	4220502.55	3.22151	652456.56	4220502.55	3.35282
652476.56	4220502.55	3.48284	652396.56	4220522.55	2.87709
652416.56	4220522.55	2.99189	652436.56	4220522.55	3.10648
652456.56	4220522.55	3.21963	652476.56	4220522.55	3.32996

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: R_IDLE ***
INCLUDING SOURCE(S): R_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652763.96	4219991.30	5.73588	652783.96	4219991.30	6.22771
652803.96	4219991.30	6.80273	652823.96	4219991.30	7.48251

652843.96 4219991.30 8.29491 652763.96
4220011.30 6.30031
652783.96 4220011.30 6.88028 652803.96
4220011.30 7.55384
652823.96 4220011.30 8.34525 652843.96
4220011.30 9.28894
652763.96 4220031.30 6.89846 652783.96
4220031.30 7.59449
652803.96 4220031.30 8.40596 652823.96
4220031.30 9.36097
652843.96 4220031.30 10.49819 652763.96
4220051.30 7.49455
652783.96 4220051.30 8.32057 652803.96
4220051.30 9.29549
652823.96 4220051.30 10.45914 652843.96
4220051.30 11.86038
652763.96 4220071.30 8.04506 652783.96
4220071.30 8.99667
652803.96 4220071.30 10.13695 652823.96
4220071.30 11.52229
652763.96 4220091.30 8.49210 652783.96
4220091.30 9.54847
652803.96 4220091.30 10.82997 652823.96
4220091.30 12.40769
652843.96 4220091.30 14.37572 652763.96
4220111.30 8.79109
652783.96 4220111.30 9.91630 652803.96
4220111.30 11.28928
652823.96 4220111.30 12.99252 652843.96
4220111.30 15.13561
652783.96 4220131.30 10.09433 652803.96
4220131.30 11.50400
652823.96 4220131.30 13.25595 653217.50
4220029.01 49.00994
653237.50 4220029.01 39.47005 653257.50
4220029.01 32.34696
653277.50 4220029.01 26.95273 653297.50
4220029.01 22.79651
653217.50 4220049.01 50.47151 653237.50
4220049.01 40.00586
653257.50 4220049.01 32.49591 653277.50
4220049.01 26.94273
653297.50 4220049.01 22.72763 653217.50
4220069.01 50.39718
653237.50 4220069.01 39.75865 653257.50
4220069.01 32.24087
653277.50 4220069.01 26.72494 653297.50
4220069.01 22.55429
653091.77 4220073.80 1215.83480 653107.01
4220074.09 574.69272

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4220074.09       77.36304
         653207.01    4220074.09       57.58755                      653226.41
4220070.49       45.12131
         653246.41    4220070.49       36.06785                      653266.41
4220070.49       29.55582
         653286.41    4220070.49       24.70987                      653306.41
4220070.49       21.00227
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4220089.69      587.06405
         653127.41    4220089.69      275.98711                      653147.41
4220089.69      159.88943
         653167.41    4220089.69      104.75630                      653187.41
4220089.69       74.29424
         653207.41    4220089.69       55.66491                      653226.41
4220090.49       43.84193
         653246.41    4220090.49       35.21690                      653266.41
4220090.49       28.97807
         653286.41    4220090.49       24.31075                      653306.41
4220090.49       20.72320
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4220109.69      413.20665
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4220109.69      132.60481
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: R_IDLE   ***
                                    INCLUDING SOURCE(S):     R_IDLE      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         653167.41    4220109.69       90.97504                      653187.41
4220109.69       66.61344
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653207.41 4220109.69 51.06687 653226.41
4220110.49 40.78544
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4220110.49 27.61283
653286.41 4220110.49 23.35842 653306.41
4220110.49 20.04455
653092.88 4220123.48 357.45231 653108.12
4220123.76 236.57299
653128.12 4220123.76 150.65855 653148.12
4220123.76 103.55682
653168.12 4220123.76 75.46808 653188.12
4220123.76 57.50333
653208.12 4220123.76 45.35160 653227.12
4220124.56 36.88144
653247.12 4220124.56 30.54064 653267.12
4220124.56 25.73822
653287.12 4220124.56 22.00610 653307.12
4220124.56 19.04818
652875.28 4219709.68 3.70455 652895.28
4219709.68 3.98954
652915.28 4219709.68 4.26668 652935.28
4219709.68 4.50926
652955.28 4219709.68 4.69192 652975.28
4219709.68 4.80108
652995.28 4219709.68 4.84308 653015.28
4219709.68 4.84649
652875.28 4219729.68 3.89798 652895.28
4219729.68 4.21901
652915.28 4219729.68 4.54095 652935.28
4219729.68 4.83548
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4219729.68 5.22236
652995.28 4219729.68 5.29252 653015.28
4219729.68 5.30963
652875.28 4219749.68 4.10458 652895.28
4219749.68 4.46507
652915.28 4219749.68 4.83693 652935.28
4219749.68 5.19135
652955.28 4219749.68 5.48937 652975.28
4219749.68 5.69745
652995.28 4219749.68 5.80699 653015.28
4219749.68 5.84484
652875.28 4219769.68 4.32508 652895.28
4219769.68 4.72969
652915.28 4219769.68 5.15747 652935.28
4219769.68 5.58029
652955.28 4219769.68 5.95441 652975.28
4219769.68 6.23467
652995.28 4219769.68 6.39838 653015.28
4219769.68 6.46766

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         652875.28    4219789.68        4.56109                      652895.28
4219789.68        5.01466
         652915.28    4219789.68        5.50521                      652935.28
4219789.68        6.00609
         652955.28    4219789.68        6.47141                      652975.28
4219789.68        6.84331
         652995.28    4219789.68        7.08179                      653015.28
4219789.68        7.19763
         652875.28    4219809.68        4.81474                      652895.28
4219809.68        5.32175
         652915.28    4219809.68        5.88290                      652935.28
4219809.68        6.47398
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4219809.68        7.53466
         652995.28    4219809.68        7.87498                      653015.28
4219809.68        8.06004
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4219829.68        5.65415
         652915.28    4219829.68        6.29408                      652935.28
4219829.68        6.98873
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4219829.68        8.32266
         652995.28    4219829.68        8.79987                      653015.28
4219829.68        9.08686
         652875.28    4219849.68        5.39854                      652895.28
4219849.68        6.01791
         652915.28    4219849.68        6.74321                      652935.28
4219849.68        7.55692
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: R_IDLE   ***
                                    INCLUDING SOURCE(S):     R_IDLE      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4219710.60 5.43931
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653516.88 4219710.60 4.81049 653396.88
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4219770.60 6.11457
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4219770.60 5.56699
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4219890.60 7.63609
653496.88 4219890.60 7.06406 653516.88
4219890.60 6.54898

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4220162.55        1.27160
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         652176.56    4220162.55        1.41824                        652196.56
4220162.55        1.47373
         652216.56    4220162.55        1.53287                        652236.56
4220162.55        1.59588
         652256.56    4220162.55        1.66324                        652276.56
4220162.55        1.73547
         652296.56    4220162.55        1.81294                        652316.56
4220162.55        1.89591
         652336.56    4220162.55        1.98477                        652356.56
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         652376.56    4220162.55        2.18363                        652396.56
4220162.55        2.29553
         652416.56    4220162.55        2.41716                        652436.56
4220162.55        2.54941
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4220182.55        1.31987
         652156.56    4220182.55        1.36948                        652176.56
4220182.55        1.42206
         652196.56    4220182.55        1.47785                        652216.56
4220182.55        1.53713
         652236.56    4220182.55        1.60037                        652256.56
4220182.55        1.66792
         652276.56    4220182.55        1.73993                        652296.56
4220182.55        1.81694
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***      17:00:44

                                   PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: R_IDLE   ***
                                   INCLUDING SOURCE(S):     R_IDLE      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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652396.56 4220182.55 2.30063 652416.56
4220182.55 2.42196
652436.56 4220182.55 2.55372 652456.56
4220182.55 2.69775
652476.56 4220182.55 2.85541 652096.56
4220202.55 1.23153
652116.56 4220202.55 1.27632 652136.56
4220202.55 1.32282
652156.56 4220202.55 1.37205 652176.56
4220202.55 1.42447
652196.56 4220202.55 1.48021 652216.56
4220202.55 1.53957
652236.56 4220202.55 1.60264 652256.56
4220202.55 1.66978
652276.56 4220202.55 1.74173 652296.56
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4220222.55 1.32383
652156.56 4220222.55 1.37333 652176.56
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652316.56 4220222.55 1.89985 652336.56
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4220222.55 2.68357

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4220242.55        1.32410
         652156.56    4220242.55        1.37271                       652176.56
4220242.55        1.42467
         652196.56    4220242.55        1.47976                       652216.56
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         652236.56    4220242.55        1.60089                       652256.56
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         652276.56    4220242.55        1.73762                       652296.56
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         652316.56    4220242.55        1.89455                       652336.56
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         652356.56    4220242.55        2.07433                       652376.56
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         652396.56    4220242.55        2.28316                       652416.56
4220242.55        2.40014
         652436.56    4220242.55        2.52695                       652456.56
4220242.55        2.66532
         652476.56    4220242.55        2.81604                       652096.56
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4220262.55        1.32180
         652156.56    4220262.55        1.37032                       652176.56
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         652236.56    4220262.55        1.59537                       652256.56
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4220262.55        1.80495
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: R_IDLE   ***
                                   INCLUDING SOURCE(S):     R_IDLE      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF TOG      IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220262.55	1.88443	652336.56	4220262.55	1.96987
652356.56	4220262.55	2.06150	652376.56	4220262.55	2.15987
652396.56	4220262.55	2.26620	652416.56	4220262.55	2.38117
652436.56	4220262.55	2.50575	652456.56	4220262.55	2.64164
652476.56	4220262.55	2.79003	652096.56	4220282.55	1.22993
652116.56	4220282.55	1.27253	652136.56	4220282.55	1.31762
652156.56	4220282.55	1.36563	652176.56	4220282.55	1.41624
652196.56	4220282.55	1.46979	652216.56	4220282.55	1.52655
652236.56	4220282.55	1.58705	652256.56	4220282.55	1.65132
652276.56	4220282.55	1.71961	652296.56	4220282.55	1.79271
652316.56	4220282.55	1.87098	652336.56	4220282.55	1.95473
652356.56	4220282.55	2.04453	652376.56	4220282.55	2.14158
652396.56	4220282.55	2.24602	652416.56	4220282.55	2.35918
652436.56	4220282.55	2.48222	652456.56	4220282.55	2.61641
652476.56	4220282.55	2.76323	652096.56	4220302.55	1.22492
652116.56	4220302.55	1.26643	652136.56	4220302.55	1.31157
652156.56	4220302.55	1.35817	652176.56	4220302.55	1.40809
652196.56	4220302.55	1.46055	652216.56	4220302.55	1.51660
652236.56	4220302.55	1.57589	652256.56	4220302.55	1.63886
652276.56	4220302.55	1.70616	652296.56	4220302.55	1.77797
652316.56	4220302.55	1.85488	652336.56	4220302.55	1.93725
652356.56	4220302.55	2.02608	652376.56	4220302.55	2.12153
652396.56	4220302.55	2.22515	652416.56	4220302.55	2.33718

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         652436.56    4220302.55        2.45946                        652456.56
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         652476.56    4220302.55        2.73938                        652096.56
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         652116.56    4220322.55        1.25928                        652136.56
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         652156.56    4220322.55        1.34918                        652176.56
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4220322.55        1.76216
         652316.56    4220322.55        1.83814                        652336.56
4220322.55        1.92000
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4220322.55        2.10308
         652396.56    4220322.55        2.20591                        652416.56
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         652436.56    4220322.55        2.44049                        652456.56
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         652156.56    4220342.55        1.33803                        652176.56
4220342.55        1.38646
         652196.56    4220342.55        1.43725                        652216.56
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4220342.55        1.61071
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4220342.55        1.74688
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: R_IDLE   ***
                                   INCLUDING SOURCE(S):     R_IDLE      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220342.55	1.82263	652336.56	4220342.55	1.90397
652356.56	4220342.55	1.99220	652376.56	4220342.55	2.08726
652396.56	4220342.55	2.19100	652416.56	4220342.55	2.30355
652436.56	4220342.55	2.42707	652456.56	4220342.55	2.56198
652476.56	4220342.55	2.71042	652096.56	4220362.55	1.19963
652116.56	4220362.55	1.23955	652136.56	4220362.55	1.28235
652156.56	4220362.55	1.32677	652176.56	4220362.55	1.37462
652196.56	4220362.55	1.42523	652216.56	4220362.55	1.47894
652236.56	4220362.55	1.53635	652256.56	4220362.55	1.59762
652276.56	4220362.55	1.66326	652296.56	4220362.55	1.73384
652316.56	4220362.55	1.80960	652336.56	4220362.55	1.89155
652356.56	4220362.55	1.97996	652376.56	4220362.55	2.07616
652396.56	4220362.55	2.18026	652416.56	4220362.55	2.29439
652436.56	4220362.55	2.41874	652456.56	4220362.55	2.55508
652476.56	4220362.55	2.70467	652096.56	4220382.55	1.18974
652116.56	4220382.55	1.22951	652136.56	4220382.55	1.27155
652156.56	4220382.55	1.31636	652176.56	4220382.55	1.36355
652196.56	4220382.55	1.41408	652216.56	4220382.55	1.46789
652236.56	4220382.55	1.52534	652256.56	4220382.55	1.58674
652276.56	4220382.55	1.65279	652296.56	4220382.55	1.72369
652316.56	4220382.55	1.80014	652336.56	4220382.55	1.88276
652356.56	4220382.55	1.97215	652376.56	4220382.55	2.06902

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         652116.56    4220402.55        1.22016                        652136.56
4220402.55        1.26201
         652156.56    4220402.55        1.30688                        652176.56
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         652196.56    4220402.55        1.40477                        652216.56
4220402.55        1.45884
         652236.56    4220402.55        1.51664                        652256.56
4220402.55        1.57858
         652276.56    4220402.55        1.64527                        652296.56
4220402.55        1.71682
         652316.56    4220402.55        1.79419                        652336.56
4220402.55        1.87755
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4220402.55        2.06573
         652396.56    4220402.55        2.17186                        652416.56
4220402.55        2.28748
         652436.56    4220402.55        2.41323                        652456.56
4220402.55        2.55015
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4220422.55        1.17217
         652116.56    4220422.55        1.21191                        652136.56
4220422.55        1.25408
         652156.56    4220422.55        1.29897                        652176.56
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         652196.56    4220422.55        1.39790                        652216.56
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         652236.56    4220422.55        1.51077                        652256.56
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4220422.55        1.71326
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: R_IDLE   ***
                                   INCLUDING SOURCE(S):     R_IDLE      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	1.79109	652336.56	4220422.55	1.87541
652356.56	4220422.55	1.96613	652376.56	4220422.55	2.06449
652396.56	4220422.55	2.17113	652416.56	4220422.55	2.28660
652436.56	4220422.55	2.41183	652456.56	4220422.55	2.54752
652476.56	4220422.55	2.69446	652096.56	4220442.55	1.16557
652116.56	4220442.55	1.20549	652136.56	4220442.55	1.24801
652156.56	4220442.55	1.29335	652176.56	4220442.55	1.34165
652196.56	4220442.55	1.39332	652216.56	4220442.55	1.44855
652236.56	4220442.55	1.50743	652256.56	4220442.55	1.57079
652276.56	4220442.55	1.63866	652296.56	4220442.55	1.71168
652316.56	4220442.55	1.79021	652336.56	4220442.55	1.87467
652356.56	4220442.55	1.96605	652376.56	4220442.55	2.06418
652396.56	4220442.55	2.17038	652416.56	4220442.55	2.28494
652436.56	4220442.55	2.40855	652456.56	4220442.55	2.54202
652476.56	4220442.55	2.68559	652096.56	4220462.55	1.16061
652116.56	4220462.55	1.20102	652136.56	4220462.55	1.24405
652156.56	4220462.55	1.28992	652176.56	4220462.55	1.33865
652196.56	4220462.55	1.39078	652216.56	4220462.55	1.44643
652236.56	4220462.55	1.50610	652256.56	4220462.55	1.56980
652276.56	4220462.55	1.63828	652296.56	4220462.55	1.71145
652316.56	4220462.55	1.79038	652336.56	4220462.55	1.87482

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4220482.55        1.33735
         652196.56    4220482.55        1.39003                        652216.56
4220482.55        1.44594
         652236.56    4220482.55        1.50601                        652256.56
4220482.55        1.56996
         652276.56    4220482.55        1.63864                        652296.56
4220482.55        1.71185
         652316.56    4220482.55        1.79027                        652336.56
4220482.55        1.87450
         652356.56    4220482.55        1.96428                        652376.56
4220482.55        2.06059
         652396.56    4220482.55        2.16381                        652416.56
4220482.55        2.27399
         652436.56    4220482.55        2.39138                        652456.56
4220482.55        2.51647
         652476.56    4220482.55        2.64860                        652216.56
4220502.55        1.44641
         652236.56    4220502.55        1.50656                        652256.56
4220502.55        1.57049
         652276.56    4220502.55        1.63878                        652296.56
4220502.55        1.71183
         652316.56    4220502.55        1.78941                        652336.56
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4220502.55        2.26257
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: R_IDLE   ***
                                   INCLUDING SOURCE(S):     R_IDLE      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652436.56	4220502.55	2.37517	652456.56	4220502.55	2.49400
652476.56	4220502.55	2.61824	652396.56	4220522.55	2.14377
652416.56	4220522.55	2.24594	652436.56	4220522.55	2.35283
652456.56	4220522.55	2.46407	652476.56	4220522.55	2.57900

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): FUEL , R_IDLE , C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652763.96	4219991.30	25.89952	652783.96	4219991.30	29.23224
652803.96	4219991.30	33.49160	652823.96	4219991.30	39.02429
652843.96	4219991.30	46.09733	652763.96	4220011.30	28.58196
652783.96	4220011.30	32.47512	652803.96	4220011.30	37.48438
652823.96	4220011.30	44.14709	652843.96		

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4220011.30       53.14357
         652763.96    4220031.30       31.64844                       652783.96
4220031.30       36.27300
         652803.96    4220031.30       42.23931                       652823.96
4220031.30       50.28304
         652843.96    4220031.30       61.65907                       652763.96
4220051.30       35.18136
         652783.96    4220051.30       40.84258                       652803.96
4220051.30       48.20655
         652823.96    4220051.30       58.22820                       652843.96
4220051.30       72.77404
         652763.96    4220071.30       39.00084                       652783.96
4220071.30       46.12386
         652803.96    4220071.30       55.70782                       652823.96
4220071.30       69.18028
         652763.96    4220091.30       42.40546                       652783.96
4220091.30       51.13649
         652803.96    4220091.30       63.54379                       652823.96
4220091.30       82.32770
         652843.96    4220091.30      112.92994                       652763.96
4220111.30       44.59572
         652783.96    4220111.30       54.40783                       652803.96
4220111.30       68.76939
         652823.96    4220111.30       91.52841                       652843.96
4220111.30      131.40179
         652783.96    4220131.30       55.64402                       652803.96
4220131.30       70.46648
         652823.96    4220131.30       93.69891                       653217.50
4220029.01      110.84607
         653237.50    4220029.01       90.00942                       653257.50
4220029.01       74.61784
         653277.50    4220029.01       62.95979                       653297.50
4220029.01       53.92671
         653217.50    4220049.01      107.04133                       653237.50
4220049.01       87.09210
         653257.50    4220049.01       72.42041                       653277.50
4220049.01       61.30760
         653297.50    4220049.01       52.67909                       653217.50
4220069.01       98.55625
         653237.50    4220069.01       81.03990                       653257.50
4220069.01       68.05519
         653277.50    4220069.01       58.11227                       653297.50
4220069.01       50.30714
         653091.77    4220073.80     1363.20570                       653107.01
4220074.09      703.07973
         653127.01    4220074.09      391.79844                       653147.01
4220074.09      254.18385
         653167.01    4220074.09      180.43056                       653187.01
4220074.09      136.19101
         653207.01    4220074.09      107.37799                       653226.41
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4220070.49 89.43650
653246.41 4220070.49 74.34733 653266.41
4220070.49 62.97765
653286.41 4220070.49 54.16099 653306.41
4220070.49 47.16595
653092.17 4220089.40 1437.30631 653107.41
4220089.69 672.60319
653127.41 4220089.69 351.43780 653147.41
4220089.69 225.53476
653167.41 4220089.69 161.23104 653187.41
4220089.69 122.91479
653207.41 4220089.69 97.85035 653226.41
4220090.49 80.76452
653246.41 4220090.49 67.86411 653266.41
4220090.49 58.06634
653286.41 4220090.49 50.39766 653306.41
4220090.49 44.25240
653092.17 4220109.40 985.30723 653107.41
4220109.69 475.47832
653127.41 4220109.69 268.78182 653147.41
4220109.69 182.21373

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): FUEL , R_IDLE , C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
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653167.41 4220109.69 135.44274 653187.41
4220109.69 106.13990
653207.41 4220109.69 86.11555 653226.41
4220110.49 71.95464
653246.41 4220110.49 61.11708 653266.41
4220110.49 52.77684

653286.41 4220110.49 46.18720 653306.41
4220110.49 40.86811
653092.88 4220123.48 416.82678 653108.12
4220123.76 289.05770
653128.12 4220123.76 196.87949 653148.12
4220123.76 145.34129
653168.12 4220123.76 113.53235 653188.12
4220123.76 92.00709
653208.12 4220123.76 76.43817 653227.12
4220124.56 64.82336
653247.12 4220124.56 55.73756 653267.12
4220124.56 48.57101
653287.12 4220124.56 42.81198 653307.12
4220124.56 38.11206
652875.28 4219709.68 13.03485 652895.28
4219709.68 13.87744
652915.28 4219709.68 14.80021 652935.28
4219709.68 15.76122
652955.28 4219709.68 16.67379 652975.28
4219709.68 17.43914
652995.28 4219709.68 17.99807 653015.28
4219709.68 18.37389
652875.28 4219729.68 13.92195 652895.28
4219729.68 14.87385
652915.28 4219729.68 15.93442 652935.28
4219729.68 17.07534
652955.28 4219729.68 18.20336 652975.28
4219729.68 19.18241
652995.28 4219729.68 19.90842 653015.28
4219729.68 20.37991
652875.28 4219749.68 14.90598 652895.28
4219749.68 15.98168
652915.28 4219749.68 17.20173 652935.28
4219749.68 18.55124
652955.28 4219749.68 19.93718 652975.28
4219749.68 21.18776
652995.28 4219749.68 22.13655 653015.28
4219749.68 22.73776
652875.28 4219769.68 16.00569 652895.28
4219769.68 17.22167
652915.28 4219769.68 18.62638 652935.28
4219769.68 20.22036
652955.28 4219769.68 21.91411 652975.28
4219769.68 23.50673
652995.28 4219769.68 24.75038 653015.28
4219769.68 25.53207
652875.28 4219789.68 17.25483 652895.28
4219789.68 18.62419
652915.28 4219789.68 20.24128 652935.28
4219789.68 22.12128

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4219789.68       28.87344
         652875.28    4219809.68       18.70430                       652895.28
4219809.68       20.23263
         652915.28    4219809.68       22.08858                       652935.28
4219809.68       24.30437
         652955.28    4219809.68       26.80731                       652975.28
4219809.68       29.35392
         652995.28    4219809.68       31.51294                       653015.28
4219809.68       32.90896
         652875.28    4219829.68       20.42130                       652895.28
4219829.68       22.11930
         652915.28    4219829.68       24.23491                       652935.28
4219829.68       26.84063
         652955.28    4219829.68       29.87337                       652975.28
4219829.68       33.06942
         652995.28    4219829.68       35.91232                       653015.28
4219829.68       37.83116
         652875.28    4219849.68       22.48552                       652895.28
4219849.68       24.39218
         652915.28    4219849.68       26.78805                       652935.28
4219849.68       29.83352
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     FUEL        , R_IDLE
, C_IDLE      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         652955.28    4219849.68       33.49296                       652975.28
4219849.68       37.48671
         652995.28    4219849.68       41.22282                       653015.28
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4219849.68 43.90706
653396.88 4219710.60 17.44006 653416.88
4219710.60 16.92347
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4219710.60 15.81513
653476.88 4219710.60 15.22724 653496.88
4219710.60 14.62611
653516.88 4219710.60 14.02046 653396.88
4219730.60 18.72143
653416.88 4219730.60 18.07446 653436.88
4219730.60 17.39966
653456.88 4219730.60 16.70299 653476.88
4219730.60 15.99420
653496.88 4219730.60 15.28380 653516.88
4219730.60 14.58161
653396.88 4219750.60 20.05996 653416.88
4219750.60 19.24825
653436.88 4219750.60 18.41511 653456.88
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4219750.60 15.90656
653516.88 4219750.60 15.10464 653396.88
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4219770.60 19.40444
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4219770.60 17.42451
653496.88 4219770.60 16.48195 653516.88
4219770.60 15.58182
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4219790.60 17.00132
653516.88 4219790.60 16.00600 653476.88
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4219890.60 17.23847
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4220162.55 4.21618
652136.56 4220162.55 4.38158 652156.56

4220162.55 4.55709
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4220162.55 4.94385
652216.56 4220162.55 5.15796 652236.56
4220162.55 5.38770
652256.56 4220162.55 5.63443 652276.56
4220162.55 5.89936
652296.56 4220162.55 6.18625 652316.56
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4220162.55 7.19353
652376.56 4220162.55 7.59003 652396.56
4220162.55 8.02287
652416.56 4220162.55 8.49780 652436.56
4220162.55 9.01996
652456.56 4220162.55 9.59772 652096.56
4220182.55 4.06735
652116.56 4220182.55 4.22321 652136.56
4220182.55 4.38870
652156.56 4220182.55 4.56424 652176.56
4220182.55 4.75171
652196.56 4220182.55 4.95155 652216.56
4220182.55 5.16566
652236.56 4220182.55 5.39448 652256.56
4220182.55 5.64031
652276.56 4220182.55 5.90541 652296.56
4220182.55 6.18999

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): FUEL , R_IDLE , C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -

652316.56 4220182.55 6.49734 652336.56
4220182.55 6.83170
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4220182.55 7.58869
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4220182.55 8.49229
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4220182.55 9.58639
652476.56 4220182.55 10.22614 652096.56
4220202.55 4.07089
652116.56 4220202.55 4.22705 652136.56
4220202.55 4.39055
652156.56 4220202.55 4.56576 652176.56
4220202.55 4.75200
652196.56 4220202.55 4.95140 652216.56
4220202.55 5.16385
652236.56 4220202.55 5.39155 652256.56
4220202.55 5.63617
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4220202.55 6.18205
652316.56 4220202.55 6.48874 652336.56
4220202.55 6.81924
652356.56 4220202.55 7.17879 652376.56
4220202.55 7.57068
652396.56 4220202.55 7.99815 652416.56
4220202.55 8.46695
652436.56 4220202.55 8.98186 652456.56
4220202.55 9.55194
652476.56 4220202.55 10.18683 652096.56
4220222.55 4.06999
652116.56 4220222.55 4.22228 652136.56
4220222.55 4.38635
652156.56 4220222.55 4.55997 652176.56
4220222.55 4.74548
652196.56 4220222.55 4.94248 652216.56
4220222.55 5.15348
652236.56 4220222.55 5.37973 652256.56
4220222.55 5.62223
652276.56 4220222.55 5.88291 652296.56
4220222.55 6.16375
652316.56 4220222.55 6.46627 652336.56
4220222.55 6.79528
652356.56 4220222.55 7.15149 652376.56
4220222.55 7.53938
652396.56 4220222.55 7.96303 652416.56
4220222.55 8.42769
652436.56 4220222.55 8.93828 652456.56
4220222.55 9.50387
652476.56 4220222.55 10.13334 652096.56
4220242.55 4.06134

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         652116.56    4220242.55        4.21395                       652136.56
4220242.55        4.37591
         652156.56    4220242.55        4.54837                       652176.56
4220242.55        4.73119
         652196.56    4220242.55        4.92706                       652216.56
4220242.55        5.13660
         652236.56    4220242.55        5.36027                       652256.56
4220242.55        5.60023
         652276.56    4220242.55        5.85823                       652296.56
4220242.55        6.13604
         652316.56    4220242.55        6.43680                       652336.56
4220242.55        6.76144
         652356.56    4220242.55        7.11470                       652376.56
4220242.55        7.49915
         652396.56    4220242.55        7.91892                       652416.56
4220242.55        8.37922
         652436.56    4220242.55        8.88544                       652456.56
4220242.55        9.44751
         652476.56    4220242.55       10.07131                       652096.56
4220262.55        4.04820
         652116.56    4220262.55        4.20012                       652136.56
4220262.55        4.36012
         652156.56    4220262.55        4.53069                       652176.56
4220262.55        4.71225
         652196.56    4220262.55        4.90612                       652216.56
4220262.55        5.11304
         652236.56    4220262.55        5.33409                       652256.56
4220262.55        5.57196
         652276.56    4220262.55        5.82727                       652296.56
4220262.55        6.10282
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***       17:00:44

                                    PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     FUEL        , R_IDLE
, C_IDLE      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
```

Y-COORD (M)   CONC
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          652316.56   4220262.55   6.39997   652336.56
4220262.55   6.72238
          652356.56   4220262.55   7.07218   652376.56
4220262.55   7.45342
          652396.56   4220262.55   7.87020   652416.56
4220262.55   8.32737
          652436.56   4220262.55   8.83045   652456.56
4220262.55   9.38851
          652476.56   4220262.55   10.00783   652096.56
4220282.55   4.03222
          652116.56   4220282.55   4.18111   652136.56
4220282.55   4.33992
          652156.56   4220282.55   4.50848   652176.56
4220282.55   4.68811
          652196.56   4220282.55   4.87985   652216.56
4220282.55   5.08441
          652236.56   4220282.55   5.30415   652256.56
4220282.55   5.53963
          652276.56   4220282.55   5.79272   652296.56
4220282.55   6.06574
          652316.56   4220282.55   6.36092   652336.56
4220282.55   6.68078
          652356.56   4220282.55   7.02832   652376.56
4220282.55   7.40734
          652396.56   4220282.55   7.82192   652416.56
4220282.55   8.27640
          652436.56   4220282.55   8.77755   652456.56
4220282.55   9.33266
          652476.56   4220282.55   9.94778   652096.56
4220302.55   4.01153
          652116.56   4220302.55   4.15879   652136.56
4220302.55   4.31650
          652156.56   4220302.55   4.48298   652176.56
4220302.55   4.66145
          652196.56   4220302.55   4.85100   652216.56
4220302.55   5.05455
          652236.56   4220302.55   5.27205   652256.56
4220302.55   5.50524
          652276.56   4220302.55   5.75703   652296.56
4220302.55   6.02820
          652316.56   4220302.55   6.32206   652336.56
4220302.55   6.64010
          652356.56   4220302.55   6.98669   652376.56
4220302.55   7.36395
          652396.56   4220302.55   7.77700   652416.56
4220302.55   8.22926
          652436.56   4220302.55   8.72819   652456.56

4220302.55   9.27887
         652476.56   4220302.55   9.88748   652096.56
4220322.55   3.98803
         652116.56   4220322.55   4.13521   652136.56
4220322.55   4.29064
         652156.56   4220322.55   4.45652   652176.56
4220322.55   4.63286
         652196.56   4220322.55   4.82156   652216.56
4220322.55   5.02335
         652236.56   4220322.55   5.23962   652256.56
4220322.55   5.47244
         652276.56   4220322.55   5.72300   652296.56
4220322.55   5.99374
         652316.56   4220322.55   6.28631   652336.56
4220322.55   6.60425
         652356.56   4220322.55   6.94898   652376.56
4220322.55   7.32556
         652396.56   4220322.55   7.73691   652416.56
4220322.55   8.18753
         652436.56   4220322.55   8.68304   652456.56
4220322.55   9.22794
         652476.56   4220322.55   9.82819   652096.56
4220342.55   3.96417
         652116.56   4220342.55   4.11014   652136.56
4220342.55   4.26461
         652156.56   4220342.55   4.42949   652176.56
4220342.55   4.60556
         652196.56   4220342.55   4.79292   652216.56
4220342.55   4.99457
         652236.56   4220342.55   5.21030   652256.56
4220342.55   5.44260
         652276.56   4220342.55   5.69276   652296.56
4220342.55   5.96279

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   FUEL   , R_IDLE
, C_IDLE   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF TOG   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220342.55	6.25516	652336.56	4220342.55	6.57184
652356.56	4220342.55	6.91710	652376.56	4220342.55	7.29193
652396.56	4220342.55	7.70102	652416.56	4220342.55	8.14809
652436.56	4220342.55	8.63855	652456.56	4220342.55	9.17506
652476.56	4220342.55	9.76388	652096.56	4220362.55	3.94149
652116.56	4220362.55	4.08602	652136.56	4220362.55	4.24005
652156.56	4220362.55	4.40426	652176.56	4220362.55	4.58024
652196.56	4220362.55	4.76798	652216.56	4220362.55	4.96879
652236.56	4220362.55	5.18466	652256.56	4220362.55	5.41668
652276.56	4220362.55	5.66689	652296.56	4220362.55	5.93685
652316.56	4220362.55	6.22902	652336.56	4220362.55	6.54572
652356.56	4220362.55	6.88842	652376.56	4220362.55	7.26144
652396.56	4220362.55	7.66634	652416.56	4220362.55	8.10865
652436.56	4220362.55	8.59057	652456.56	4220362.55	9.11614
652476.56	4220362.55	9.68900	652096.56	4220382.55	3.91992
652116.56	4220382.55	4.06461	652136.56	4220382.55	4.21826
652156.56	4220382.55	4.38270	652176.56	4220382.55	4.55795
652196.56	4220382.55	4.74605	652216.56	4220382.55	4.94744
652236.56	4220382.55	5.16358	652256.56	4220382.55	5.39565
652276.56	4220382.55	5.64603	652296.56	4220382.55	5.91597
652316.56	4220382.55	6.20696	652336.56	4220382.55	6.52202
652356.56	4220382.55	6.86253	652376.56	4220382.55	7.23112

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         652476.56    4220382.55        9.59610                        652096.56
4220402.55        3.90092
         652116.56    4220402.55        4.04625                        652136.56
4220402.55        4.20021
         652156.56    4220402.55        4.36488                        652176.56
4220402.55        4.54067
         652196.56    4220402.55        4.72862                        652216.56
4220402.55        4.93017
         652236.56    4220402.55        5.14644                        652256.56
4220402.55        5.37872
         652276.56    4220402.55        5.62866                        652296.56
4220402.55        5.89739
         652316.56    4220402.55        6.18695                        652336.56
4220402.55        6.49879
         652356.56    4220402.55        6.83541                        652376.56
4220402.55        7.19801
         652396.56    4220402.55        7.58931                        652416.56
4220402.55        8.01272
         652436.56    4220402.55        8.46841                        652456.56
4220402.55        8.95761
         652476.56    4220402.55        9.48152                        652096.56
4220422.55        3.88547
         652116.56    4220422.55        4.03095                        652136.56
4220422.55        4.18562
         652156.56    4220422.55        4.35058                        652176.56
4220422.55        4.52686
         652196.56    4220422.55        4.71527                        652216.56
4220422.55        4.91691
         652236.56    4220422.55        5.13307                        652256.56
4220422.55        5.36488
         652276.56    4220422.55        5.61312                        652296.56
4220422.55        5.88004
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     FUEL        , R_IDLE
, C_IDLE      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652316.56	4220422.55	6.16618	652336.56	4220422.55	6.47355
652356.56	4220422.55	6.80370	652376.56	4220422.55	7.15863
652396.56	4220422.55	7.53959	652416.56	4220422.55	7.94824
652436.56	4220422.55	8.38405	652456.56	4220422.55	8.84842
652476.56	4220422.55	9.33998	652096.56	4220442.55	3.87323
652116.56	4220442.55	4.01883	652136.56	4220442.55	4.17424
652156.56	4220442.55	4.33969	652176.56	4220442.55	4.51621
652196.56	4220442.55	4.70475	652216.56	4220442.55	4.90611
652236.56	4220442.55	5.12101	652256.56	4220442.55	5.35108
652276.56	4220442.55	5.59713	652296.56	4220442.55	5.86024
652316.56	4220442.55	6.14206	652336.56	4220442.55	6.44349
652356.56	4220442.55	6.76600	652376.56	4220442.55	7.10975
652396.56	4220442.55	7.47728	652416.56	4220442.55	7.86722
652436.56	4220442.55	8.28028	652456.56	4220442.55	8.71592
652476.56	4220442.55	9.17266	652096.56	4220462.55	3.86390
652116.56	4220462.55	4.01008	652136.56	4220462.55	4.16577
652156.56	4220462.55	4.33122	652176.56	4220462.55	4.50764
652196.56	4220462.55	4.69526	652216.56	4220462.55	4.89519
652236.56	4220462.55	5.10857	652256.56	4220462.55	5.33582
652276.56	4220462.55	5.57863	652296.56	4220462.55	5.83707
652316.56	4220462.55	6.11287	652336.56		

4220462.55   6.40646
         652356.56   4220462.55   6.71815   652376.56
4220462.55   7.04892
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4220462.55   7.76855
         652436.56   4220462.55   8.15597   652456.56
4220462.55   8.55943
         652476.56   4220462.55   8.97803   652096.56
4220482.55   3.85715
         652116.56   4220482.55   4.00331   652136.56
4220482.55   4.15903
         652156.56   4220482.55   4.32408   652176.56
4220482.55   4.49934
         652196.56   4220482.55   4.68549   652216.56
4220482.55   4.88330
         652236.56   4220482.55   5.09391   652256.56
4220482.55   5.31774
         652276.56   4220482.55   5.55588   652296.56
4220482.55   5.80838
         652316.56   4220482.55   6.07617   652336.56
4220482.55   6.36011
         652356.56   4220482.55   6.65900   652376.56
4220482.55   6.97405
         652396.56   4220482.55   7.30501   652416.56
4220482.55   7.65049
         652436.56   4220482.55   8.00920   652456.56
4220482.55   8.37960
         652476.56   4220482.55   8.75826   652216.56
4220502.55   4.86918
         652236.56   4220502.55   5.07606   652256.56
4220502.55   5.29509
         652276.56   4220502.55   5.52705   652296.56
4220502.55   5.77218
         652316.56   4220502.55   6.03031   652336.56
4220502.55   6.30208
         652356.56   4220502.55   6.58682   652376.56
4220502.55   6.88446
         652396.56   4220502.55   7.19368   652416.56
4220502.55   7.51345

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   FUEL   , R_IDLE

, C_IDLE   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         652436.56   4220502.55   7.84186   652456.56
4220502.55   8.17707
         652476.56   4220502.55   8.51543   652396.56
4220522.55   7.06503
         652416.56   4220522.55   7.35795   652436.56
4220522.55   7.65527
         652456.56   4220522.55   7.95456   652476.56
4220522.55   8.25298

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: C_IDLE   ***
                                  INCLUDING SOURCE(S):   C_IDLE   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        652763.96   4219991.30   541.16414 (20061506)   652783.96
4219991.30   595.11492 (20061506)
        652803.96   4219991.30   656.14193 (20061506)   652823.96
4219991.30   725.87732 (20061506)
        652843.96   4219991.30   806.04765 (20061506)   652763.96
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4220011.30   623.87791 (19110508)

652823.96 4220011.30 702.42928 (19110508) 652843.96
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653127.01 4220074.09 3194.44080 (22011409) 653147.01
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653167.01 4220074.09 1854.32246 (22100507) 653187.01
4220074.09 1482.10606 (20103020)

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4220070.49      769.64615  (19091107)
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4220089.69     1469.18227  (19040307)
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4220090.49      802.16188  (22070806)
        653286.41   4220090.49      739.93053  (22070806)               653306.41
4220090.49      668.94327  (22070806)
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 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  C_IDLE   ***
                                   INCLUDING SOURCE(S):     C_IDLE      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4220109.69     1344.63970  (22092307)
        653207.41   4220109.69     1168.02236  (19040307)               653226.41
4220110.49     1009.92004  (19040307)
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4220110.49      742.85952  (19071803)
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4219769.68 535.05292 (22020318)
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4219769.68 644.17409 (20022008)
652875.28 4219789.68 560.86682 (19061106) 652895.28
4219789.68 593.63781 (19061106)
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4219789.68 602.36933 (22010619)

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        652995.28   4219789.68      644.35797  (21120204)                653015.28
4219789.68      714.03341  (20022008)
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4219809.68      652.13577  (19061106)
        652915.28   4219809.68      673.77952  (20021908)                652935.28
4219809.68      670.80775  (22010619)
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4219809.68      744.75952  (22012817)
        652995.28   4219809.68      723.79225  (19013022)                653015.28
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        652875.28   4219829.68      637.57861  (20022608)                652895.28
4219829.68      660.16891  (20013117)
        652915.28   4219829.68      761.54305  (19061106)                652935.28
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        652955.28   4219829.68      778.80257  (22010619)                652975.28
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        652915.28   4219849.68      785.70863  (20013117)                652935.28
4219849.68      890.71576  (19061106)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  C_IDLE   ***
                                    INCLUDING SOURCE(S):     C_IDLE      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  C_IDLE   ***
                                    INCLUDING SOURCE(S):     C_IDLE      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  C_IDLE   ***
                                    INCLUDING SOURCE(S):     C_IDLE      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  C_IDLE   ***
                                    INCLUDING SOURCE(S):     C_IDLE      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        652236.56   4220422.55      104.53268  (21010817)                652256.56
4220422.55      107.66600  (21010817)
        652276.56   4220422.55      111.00555  (19091007)                652296.56
4220422.55      116.61126  (19091007)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                       ***        17:00:44

                                  PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  C_IDLE   ***
                                  INCLUDING SOURCE(S):     C_IDLE      ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652316.56	4220422.55	121.07117	(19091007)	652336.56	4220422.55	123.75312	(19091007)
652356.56	4220422.55	124.67932	(19091007)	652376.56	4220422.55	128.25518	(21022608)
652396.56	4220422.55	131.11068	(21022608)	652416.56	4220422.55	134.27607	(19042321)
652436.56	4220422.55	137.34044	(18013023)	652456.56	4220422.55	147.96610	(22040807)
652476.56	4220422.55	168.39107	(22040807)	652096.56	4220442.55	87.06806	(18010223)
652116.56	4220442.55	89.94432	(18010223)	652136.56	4220442.55	92.28834	(18010223)
652156.56	4220442.55	93.88002	(18010223)	652176.56	4220442.55	95.51094	(18020724)
652196.56	4220442.55	97.99092	(21010817)	652216.56	4220442.55	100.78367	(21010817)
652236.56	4220442.55	103.65976	(19091007)	652256.56	4220442.55	108.75949	(19091007)
652276.56	4220442.55	112.89418	(19091007)	652296.56	4220442.55	115.48859	(19091007)
652316.56	4220442.55	116.50069	(19091007)	652336.56	4220442.55	119.04340	(21022608)
652356.56	4220442.55	122.02687	(21022608)	652376.56	4220442.55	124.58751	(19042321)
652396.56	4220442.55	126.73369	(19042321)	652416.56	4220442.55	131.62750	(18013023)
652436.56	4220442.55	147.39273	(22040807)	652456.56	4220442.55	165.23032	(22040807)
652476.56	4220442.55	180.93603	(22040807)	652096.56	4220462.55	86.91608	(18010223)
652116.56	4220462.55	88.22454	(18010223)	652136.56	4220462.55	89.86543	(18020724)
652156.56	4220462.55	92.12661	(21010817)	652176.56	4220462.55	94.61850	(21010817)
652196.56	4220462.55	97.09763	(19091007)	652216.56	4220462.55	101.76288	(19091007)
652236.56	4220462.55	105.57149	(19091007)	652256.56	4220462.55	108.10102	(19091007)
652276.56	4220462.55	109.27288	(19091007)	652296.56	4220462.55	110.70825	(21022608)
652316.56	4220462.55	113.90232	(21022608)	652336.56	4220462.55	115.93122	(19042321)
652356.56	4220462.55	118.30282	(19042321)	652376.56	4220462.55	121.39379	(18013023)
652396.56	4220462.55	129.16584	(22040807)	652416.56	4220462.55	145.90975	(22040807)

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        652476.56   4220462.55      184.59494  (22040807)                652096.56
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        652116.56   4220482.55       86.86081  (21010817)                652136.56
4220482.55       89.07443  (21010817)
        652156.56   4220482.55       91.22544  (19091007)                652176.56
4220482.55       95.50212  (19091007)
        652196.56   4220482.55       99.00563  (19091007)                652216.56
4220482.55      101.42021  (19091007)
        652236.56   4220482.55      102.72287  (19091007)                652256.56
4220482.55      103.27553  (21022608)
        652276.56   4220482.55      106.50677  (21022608)                652296.56
4220482.55      108.26782  (21022608)
        652316.56   4220482.55      110.73902  (19042321)                652336.56
4220482.55      112.11661  (18013023)
        652356.56   4220482.55      116.71014  (18013023)                652376.56
4220482.55      128.79023  (22040807)
        652396.56   4220482.55      143.89596  (22040807)                652416.56
4220482.55      157.28478  (22040807)
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4220482.55      175.80552  (22040807)
        652476.56   4220482.55      178.93296  (22040807)                652216.56
4220502.55       96.78857  (19091007)
        652236.56   4220502.55       99.89008  (21022608)                652256.56
4220502.55      101.77319  (21022608)
        652276.56   4220502.55      103.70434  (19042321)                652296.56
4220502.55      105.29120  (19042321)
        652316.56   4220502.55      108.34681  (18013023)                652336.56
4220502.55      113.89846  (22040807)
        652356.56   4220502.55      127.97143  (22040807)                652376.56
4220502.55      141.25755  (22040807)
        652396.56   4220502.55      152.74451  (22040807)                652416.56
4220502.55      161.75579  (22040807)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***       01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***       17:00:44

                                   PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  C_IDLE   ***
                                   INCLUDING SOURCE(S):     C_IDLE      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
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                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        652436.56   4220502.55      167.37350  (22040807)                652456.56
4220502.55      168.90090  (22040807)
        652476.56   4220502.55      168.57712  (19091207)                652396.56
4220522.55      155.27037  (22040807)
        652416.56   4220522.55      159.16264  (22040807)                652436.56
4220522.55      159.24393  (22040807)
        652456.56   4220522.55      159.21970  (19091207)                652476.56
4220522.55      155.35210  (19091207)
↑ *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                        ***       17:00:44

                                  PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     FUEL        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF TOG      IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
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4219991.30      879.43249  (20022608)
        652803.96   4219991.30      980.70923  (20022608)                652823.96
4219991.30     1020.63587  (19061106)
        652843.96   4219991.30     1078.43409  (20021908)                652763.96
4220011.30      766.51361  (22021020)
        652783.96   4220011.30      906.13328  (20021508)                652803.96
4220011.30     1097.51066  (20022608)
        652823.96   4220011.30     1255.64579  (20022608)                652843.96
4220011.30     1336.81861  (19061106)
        652763.96   4220031.30      809.68536  (19111208)                652783.96
4220031.30      956.80116  (18020808)
        652803.96   4220031.30     1149.39459  (20021508)                652823.96
4220031.30     1430.32140  (20022608)
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652823.96 4220051.30 1535.62910 (18020808) 652843.96 4220051.30 1992.68195 (20022608)
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652803.96 4220071.30 1605.65181 (19111008) 652823.96 4220071.30 2052.19041 (19111008)
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652823.96 4220111.30 2177.75048 (19012817) 652843.96 4220111.30 3284.73730 (19012817)
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653277.50 4220029.01 268.93081 (19082305) 653297.50 4220029.01 249.49124 (19082305)
653217.50 4220049.01 350.08061 (19020619) 653237.50 4220049.01 322.88110 (19020619)
653257.50 4220049.01 299.72520 (19120817) 653277.50 4220049.01 280.17718 (19120817)
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653277.50 4220069.01 283.64467 (19110317) 653297.50 4220069.01 262.84950 (19110317)
653091.77 4220073.80 761.08384 (19120817) 653107.01 4220074.09 688.30055 (19120817)
653127.01 4220074.09 604.83274 (19120817) 653147.01 4220074.09 535.28344 (19120817)
653167.01 4220074.09 477.04267 (19120817) 653187.01 4220074.09 427.95747 (19120817)
653207.01 4220074.09 386.09089 (19120817) 653226.41 4220070.49 353.29700 (19120817)
653246.41 4220070.49 322.74612 (19120817) 653266.41 4220070.49 296.24514 (19110317)
653286.41 4220070.49 273.80442 (19110317) 653306.41 4220070.49 253.81221 (19110317)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653092.17	4220089.40	781.27151	(19110317)	653107.41	4220089.69	690.29816	(19110317)
653127.41	4220089.69	596.63478	(19012503)	653147.41	4220089.69	524.36820	(19012503)
653167.41	4220089.69	465.83124	(19012503)	653187.41	4220089.69	417.51475	(19012503)
653207.41	4220089.69	377.99237	(19011408)	653226.41	4220090.49	347.60822	(19011408)
653246.41	4220090.49	319.18923	(19011408)	653266.41	4220090.49	294.44880	(19011408)
653286.41	4220090.49	272.71232	(19011408)	653306.41	4220090.49	253.51194	(19011408)
653092.17	4220109.40	811.64406	(19091107)	653107.41	4220109.69	710.40372	(19091107)
653127.41	4220109.69	605.32987	(19013023)	653147.41	4220109.69	531.97677	(19013023)
653167.41	4220109.69	472.69931	(19013023)	653187.41	4220109.69	423.98418	(19013023)
653207.41	4220109.69	383.34949	(19013023)	653226.41	4220110.49	350.79752	(19013023)
653246.41	4220110.49	321.24091	(19013023)	653266.41	4220110.49	295.74988	(19013023)
653286.41	4220110.49	273.53850	(19013023)	653306.41	4220110.49	254.05664	(19013023)
653092.88	4220123.48	931.42512	(19091107)	653108.12	4220123.76	820.11815	(19091107)
653128.12	4220123.76	701.35715	(19091107)	653148.12	4220123.76	606.54729	(19091107)

653168.12 4220123.76 530.02859 (19091107) 653188.12 4220123.76 467.20791 (19091107)
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652875.28 4219809.68 365.94124 (20022008) 652895.28 4219809.68 392.29075 (21010309)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652955.28	4219849.68	474.09408	(21092207)	652975.28	4219849.68	529.36311	(21102908)
652995.28	4219849.68	504.93643	(21102908)	653015.28	4219849.68	468.34588	(19110608)
653396.88	4219710.60	134.13969	(18020522)	653416.88	4219710.60	131.53464	(18022108)
653436.88	4219710.60	133.61307	(18022108)	653456.88	4219710.60	132.98549	(18022108)
653476.88	4219710.60	130.11961	(18022108)	653496.88	4219710.60	125.24580	(18022108)

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652096.56 4220162.55 90.50957 (20110108) 652116.56
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4220182.55 89.58485 (19120423)
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652156.56 4220182.55 99.43927 (19120423) 652176.56
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4220182.55 128.17306 (19012817)
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4220182.55 144.30914 (19012817)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652316.56	4220182.55	153.32908	(19012817)	652336.56	4220182.55	163.09825	(19012817)
652356.56	4220182.55	173.80287	(19012817)	652376.56	4220182.55	185.00163	(19012817)
652396.56	4220182.55	197.17299	(19012817)	652416.56	4220182.55	210.15064	(19012817)
652436.56	4220182.55	224.31811	(19012817)	652456.56	4220182.55	239.54470	(19012817)

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652476.56 4220242.55 230.45525 (18010109) 652096.56 4220262.55 108.66087 (19012817)
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652236.56 4220262.55 133.37796 (19012817) 652256.56 4220262.55 136.62699 (19012817)
652276.56 4220262.55 139.59500 (19012817) 652296.56 4220262.55 142.20251 (19012817)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): FUEL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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652396.56	4220262.55	184.19446	(18010109)	652416.56	4220262.55	192.92613	(18010109)

652436.56 4220262.55 201.12903 (18010109) 652456.56
4220262.55 208.59414 (18010109)
652476.56 4220262.55 214.79503 (18010109) 652096.56
4220282.55 106.20225 (19012817)
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4220282.55 111.20954 (19012817)
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4220282.55 115.98553 (19012817)
652196.56 4220282.55 118.03391 (19012817) 652216.56
4220282.55 119.80831 (19012817)
652236.56 4220282.55 124.30959 (18010109) 652256.56
4220282.55 131.01823 (18010109)
652276.56 4220282.55 137.89440 (18010109) 652296.56
4220282.55 144.81411 (18010109)
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4220282.55 158.33473 (18010109)
652356.56 4220282.55 164.85575 (18010109) 652376.56
4220282.55 170.90764 (18010109)
652396.56 4220282.55 176.37969 (18010109) 652416.56
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4220302.55 169.59120 (21021908)
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4220302.55 180.77907 (21021908)
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4220322.55 96.26549 (18010109)
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4220322.55 105.01371 (18010109)
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4220322.55 113.70041 (18010109)
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4220322.55 122.01036 (18010109)

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4220322.55      140.07750  (21021908)
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4220322.55      151.30154  (21021908)
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        652476.56   4220322.55      183.14149  (19091007)                652096.56
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        652116.56   4220342.55      102.13318  (18010109)                652136.56
4220342.55      105.55159  (18010109)
        652156.56   4220342.55      108.86539  (18010109)                652176.56
4220342.55      112.02169  (18010109)
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        652236.56   4220342.55      119.47068  (18010109)                652256.56
4220342.55      121.12021  (18010109)
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4220342.55      127.42234  (21021908)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                    INCLUDING SOURCE(S):     FUEL        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652316.56   4220342.55      131.99123  (21021908)                652336.56
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4220342.55      141.13213  (21021908)
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 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                    INCLUDING SOURCE(S):     FUEL        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4220422.55      122.86255  (19091007)
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4220482.55 82.17009 (21010817)

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        652316.56   4220502.55      125.78276  (22040807)               652336.56
4220502.55      135.61760  (22040807)
        652356.56   4220502.55      144.38707  (22040807)               652376.56
4220502.55      151.54289  (22040807)
        652396.56   4220502.55      156.66910  (22040807)               652416.56
4220502.55      159.29481  (22040807)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                    INCLUDING SOURCE(S):     FUEL        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: R_IDLE ***
INCLUDING SOURCE(S): R_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652436.56	4220502.55	158.97589	(19091207)	652456.56	4220502.55	158.11816	(19091207)
652476.56	4220502.55	153.64299	(19091207)	652396.56	4220522.55	149.07844	(22040807)
652416.56	4220522.55	148.69368	(19091207)	652436.56	4220522.55	147.20240	(19091207)
652456.56	4220522.55	142.53167	(19091207)	652476.56	4220522.55	136.16308	(20071106)
652763.96	4219991.30	478.86861	(19111008)	652783.96	4219991.30	496.16036	(19111208)
652803.96	4219991.30	504.24279	(19111208)	652823.96	4219991.30	532.46448	(22011802)
652843.96	4219991.30	586.74094	(18020808)	652763.96	4220011.30	515.84708	(19111008)
652783.96	4220011.30	560.02316	(19111008)	652803.96	4220011.30	596.44204	(19111008)
652823.96	4220011.30	620.49142	(19111008)	652843.96	4220011.30	640.27684	(19111208)
652763.96	4220031.30	479.87301	(20011217)	652783.96	4220031.30	531.82943	(19111008)
652803.96	4220031.30	607.83760	(19111008)	652823.96	4220031.30	684.69552	(19111008)
652843.96	4220031.30	755.79237	(19111008)	652763.96	4220051.30	484.40080	(20061506)
652783.96	4220051.30	515.04899	(20011217)	652803.96	4220051.30	577.89718	(20011217)
652823.96	4220051.30	643.82570	(20011217)	652843.96	4220051.30	711.82807	(19111008)

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4220111.30 758.58720 (20110108)
652783.96 4220131.30 524.61709 (21120120) 652803.96
4220131.30 581.32831 (19012817)
652823.96 4220131.30 676.75358 (19012817) 653217.50
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653237.50 4220029.01 1060.45443 (19091307) 653257.50
4220029.01 899.18199 (19062406)
653277.50 4220029.01 771.93636 (19062406) 653297.50
4220029.01 645.16108 (19062406)
653217.50 4220049.01 1195.91923 (19062406) 653237.50
4220049.01 955.63240 (19062406)
653257.50 4220049.01 831.32564 (19062306) 653277.50
4220049.01 721.29319 (19111619)
653297.50 4220049.01 636.51564 (19111619) 653217.50
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653237.50 4220069.01 931.42213 (19082305) 653257.50
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653277.50 4220069.01 730.43952 (19010321) 653297.50
4220069.01 659.63872 (19120817)
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653127.01 4220074.09 3765.98770 (19091307) 653147.01
4220074.09 2573.68658 (19062406)
653167.01 4220074.09 1826.69453 (19062306) 653187.01
4220074.09 1453.41150 (19111619)
653207.01 4220074.09 1194.27333 (19082305) 653226.41
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653246.41 4220070.49 879.56059 (19020619) 653266.41
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4220070.49 632.58677 (19120817)
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4220089.69 5791.79930 (19091307)
653127.41 4220089.69 3232.34666 (19111619) 653147.41
4220089.69 2286.34226 (19010321)
653167.41 4220089.69 1805.98061 (19120817) 653187.41
4220089.69 1461.20044 (19120817)

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        653207.41   4220089.69     1202.96095  (19120817)                653226.41
4220090.49     1029.91261  (19012503)
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4220090.49      777.91985  (19012503)
        653286.41   4220090.49      687.03973  (19012503)                653306.41
4220090.49      612.15116  (19012503)
        653092.17   4220109.40     9111.42996  (19091107)                653107.41
4220109.69     5197.79104  (19091107)
        653127.41   4220109.69     3318.80722  (19091107)                653147.41
4220109.69     2410.17262  (19091107)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  R_IDLE   ***
                                    INCLUDING SOURCE(S):     R_IDLE      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        653167.41   4220109.69     1859.88350  (19091107)                653187.41
4220109.69     1483.32357  (19091107)
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        653246.41   4220110.49      884.21819  (19013023)                653266.41
4220110.49      778.36680  (19013023)
        653286.41   4220110.49      692.22543  (19013023)                653306.41
4220110.49      621.02945  (19013023)
        653092.88   4220123.48     5922.95030  (19110908)                653108.12
4220123.76     3932.92142  (19040307)
        653128.12   4220123.76     3025.47282  (19091107)                653148.12
4220123.76     2390.91990  (19091107)
        653168.12   4220123.76     1945.36807  (19091107)                653188.12
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        653208.12   4220123.76     1365.09654  (19091107)                653227.12
4220124.56     1176.38175  (19091107)
        653247.12   4220124.56     1013.47115  (19091107)                653267.12
4220124.56      879.12883  (19091107)
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652955.28 4219809.68 454.98397 (22012817) 652975.28 4219809.68 439.30911 (19013022)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: R_IDLE ***
INCLUDING SOURCE(S): R_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652875.28	4219829.68	433.78696	(20021908)	652895.28	4219829.68	428.82369	(22021208)
652915.28	4219829.68	443.11096	(22010619)	652935.28	4219829.68	447.64780	(22020318)
652955.28	4219829.68	482.43202	(22012817)	652975.28	4219829.68	485.46378	(22012817)
652995.28	4219829.68	493.22538	(22120521)	653015.28	4219829.68	544.10347	(20022008)
652875.28	4219849.68	473.33857	(19061106)	652895.28	4219849.68	478.30461	(20021908)
652915.28	4219849.68	474.56370	(22010619)	652935.28	4219849.68	477.07504	(22010619)
652955.28	4219849.68	500.64723	(18011024)	652975.28	4219849.68	544.49251	(22012817)
652995.28	4219849.68	534.34280	(21120204)	653015.28	4219849.68	592.32457	(20022008)
653396.88	4219710.60	239.83932	(18120807)	653416.88	4219710.60	236.72113	(18121421)
653436.88	4219710.60	220.56450	(18121421)	653456.88	4219710.60	218.80461	(18101007)
653476.88	4219710.60	212.27193	(18101007)	653496.88	4219710.60	200.59571	(18012703)
653516.88	4219710.60	196.59533	(18012703)	653396.88	4219730.60	255.14843	(18121421)
653416.88	4219730.60	238.37127	(18121421)	653436.88	4219730.60	235.13116	(18101007)
653456.88	4219730.60	227.32555	(18101007)	653476.88	4219730.60	215.59942	(18012703)

653496.88 4219730.60 209.67661 (18012703) 653516.88 4219730.60 199.97045 (18020522)
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652256.56 4220162.55 124.33269 (20020124) 652276.56 4220162.55 128.67796 (21020207)
652296.56 4220162.55 133.49586 (21020207) 652316.56 4220162.55 138.65421 (21020207)
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4220182.55      134.87038  (19120423)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                           ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                          ***        17:00:44

                                     PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  R_IDLE   ***
                                     INCLUDING SOURCE(S):     R_IDLE      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        652356.56   4220182.55      149.82046  (19120423)                652376.56
4220182.55      155.13916  (19120423)
        652396.56   4220182.55      161.44036  (21021904)                652416.56
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        652436.56   4220182.55      175.46814  (19012817)                652456.56
4220182.55      188.83465  (19012817)
        652476.56   4220182.55      203.22453  (19012817)                652096.56
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4220202.55      104.08664  (19120423)
        652156.56   4220202.55      107.04708  (19120423)                652176.56
4220202.55      110.05644  (19120423)
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652396.56 4220222.55 196.29545 (19012817) 652416.56
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652436.56 4220222.55 214.94683 (19012817) 652456.56
4220222.55 224.21025 (19012817)
652476.56 4220222.55 232.99715 (19012817) 652096.56
4220242.55 103.13977 (19012817)
652116.56 4220242.55 108.29825 (19012817) 652136.56
4220242.55 113.66336 (19012817)
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4220242.55 125.04334 (19012817)
652196.56 4220242.55 130.90023 (19012817) 652216.56
4220242.55 137.10482 (19012817)
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4220242.55 149.84737 (19012817)
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4220242.55 162.73628 (19012817)
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4220242.55 175.91065 (19012817)
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4220242.55 188.31008 (19012817)

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4220242.55      208.51068  (19012817)
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4220262.55      123.62519  (19012817)
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4220262.55      133.11259  (19012817)
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4220262.55      160.79643  (19012817)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  R_IDLE   ***
                                    INCLUDING SOURCE(S):     R_IDLE      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        652436.56   4220262.55      179.54972  (18010109)                652456.56
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        652156.56   4220342.55      110.28507  (18010109)               652176.56
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        652196.56   4220342.55      122.23348  (18010109)               652216.56
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        652236.56   4220342.55      133.66737  (18010109)               652256.56
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 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  R_IDLE   ***
                                    INCLUDING SOURCE(S):     R_IDLE      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652316.56   4220342.55      151.48967  (18010109)               652336.56
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        652356.56   4220342.55      155.65868  (18010109)               652376.56
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4220342.55      166.04483  (21021908)
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652116.56 4220362.55 107.46125 (18010109) 652136.56
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4220382.55 147.69620 (21021908)
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4220382.55 162.79596 (18010223)
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4220402.55 112.10939 (18010109)
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4220402.55 130.74103 (21021908)

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4220402.55      140.29984  (18010223)
        652396.56   4220402.55      145.24514  (18010223)               652416.56
4220402.55      148.50680  (18010223)
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        652276.56   4220422.55      122.76803  (21021908)               652296.56
4220422.55      123.36748  (21021908)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  R_IDLE   ***
                                    INCLUDING SOURCE(S):     R_IDLE      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652316.56   4220422.55      124.75833  (18010223)               652336.56
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        652356.56   4220422.55      133.72899  (18010223)               652376.56
4220422.55      136.49225  (18020724)
        652396.56   4220422.55      141.15177  (21010817)               652416.56
4220422.55      145.94865  (21010817)
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4220422.55      162.45148  (19091007)
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4220442.55      107.93795  (21021908)
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4220462.55      117.11369  (18020724)
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4220462.55      124.30985  (21010817)
        652356.56   4220462.55      131.13972  (19091007)              652376.56
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        652396.56   4220462.55      141.40688  (19091007)              652416.56
4220462.55      143.19096  (19091007)
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4220462.55      150.66350  (21022608)
        652476.56   4220462.55      154.56426  (19042321)              652096.56
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        652116.56   4220482.55       96.36587  (21021908)              652136.56
4220482.55       97.03878  (21021908)
        652156.56   4220482.55       96.95198  (21021908)              652176.56
4220482.55       98.54021  (18010223)
        652196.56   4220482.55      102.06158  (18010223)              652216.56
4220482.55      104.86303  (18010223)
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4220502.55      117.98655  (19091007)
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4220502.55      123.58016  (19091007)
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4220502.55      134.27980  (19042321)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  R_IDLE   ***
                                    INCLUDING SOURCE(S):     R_IDLE      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4220502.55      154.59770  (22040807)
        652476.56   4220502.55      174.32393  (22040807)                652396.56
4220522.55      127.61885  (18013023)
        652416.56   4220522.55      134.53510  (22040807)                652436.56
4220522.55      153.01776  (22040807)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): FUEL , R_IDLE , C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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652803.96	4219991.30	1001.66017	(20022608)	652823.96	4219991.30	1021.84102	(19061106)
652843.96	4219991.30	1080.77520	(20021908)	652763.96	4220011.30	1098.17375	(19111008)
652783.96	4220011.30	1085.92777	(19111008)	652803.96	4220011.30	1102.30765	(20022608)
652823.96	4220011.30	1269.32465	(20022608)	652843.96	4220011.30	1337.65609	(19061106)
652763.96	4220031.30	1286.30932	(19111008)	652783.96	4220031.30	1356.39501	(19111008)
652803.96	4220031.30	1366.70076	(19111008)	652823.96	4220031.30	1432.55612	(20022608)
652843.96	4220031.30	1693.98783	(20022608)	652763.96	4220051.30	1355.33746	(19111008)
652783.96	4220051.30	1573.84581	(19111008)	652803.96	4220051.30	1775.02923	(19111008)
652823.96	4220051.30	1892.12530	(19111008)	652843.96	4220051.30	1993.45678	(20022608)
652763.96	4220071.30	1543.46523	(20061506)	652783.96	4220071.30	1739.30390	(20061506)
652803.96	4220071.30	1958.40662	(20061506)	652823.96	4220071.30	2435.38251	(19111008)
652763.96	4220091.30	1536.22933	(19110508)	652783.96			

4220091.30 1815.21396 (19110508)
652803.96 4220091.30 2205.33094 (20061506) 652823.96
4220091.30 2810.20216 (20061506)
652843.96 4220091.30 3777.89807 (20061506) 652763.96
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4220029.01 1027.97449 (19011319)
653217.50 4220049.01 1523.35928 (19091107) 653237.50
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653257.50 4220049.01 1182.13506 (19011319) 653277.50
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653297.50 4220049.01 1020.96910 (19110906) 653217.50
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653277.50 4220069.01 1119.43646 (19091107) 653297.50
4220069.01 1022.06018 (19091107)
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653127.01 4220074.09 3996.48236 (19091307) 653147.01
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653207.01 4220074.09 1576.37788 (19010321) 653226.41
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653286.41 4220070.49 1080.70282 (19091107) 653306.41
4220070.49 988.89645 (19091107)
653092.17 4220089.40 9777.82427 (19091307) 653107.41
4220089.69 5952.67450 (19091307)
653127.41 4220089.69 3668.47872 (19011319) 653147.41
4220089.69 2788.25092 (19120817)
653167.41 4220089.69 2259.29704 (19120817) 653187.41
4220089.69 1866.13057 (19120817)
653207.41 4220089.69 1598.28143 (19012503) 653226.41
4220090.49 1402.76292 (19012503)
653246.41 4220090.49 1248.40507 (19011408) 653266.41
4220090.49 1156.29991 (19091107)
653286.41 4220090.49 1098.38782 (19091107) 653306.41

4220090.49   1038.27675 (19091107)
        653092.17   4220109.40   9923.07402 (19091107)   653107.41
4220109.69   5908.19476 (19091107)
        653127.41   4220109.69   3920.67646 (19091107)   653147.41
4220109.69   2931.14015 (19091107)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   FUEL   , R_IDLE , C_IDLE   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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653207.41	4220109.69	1650.15128	(19091107)	653226.41	4220110.49	1476.26047	(19091107)
653246.41	4220110.49	1332.35156	(19091107)	653266.41	4220110.49	1225.54877	(19091107)
653286.41	4220110.49	1141.68792	(19091107)	653306.41	4220110.49	1072.98351	(19091107)
653092.88	4220123.48	6403.61304	(19110908)	653108.12	4220123.76	4736.55271	(19091107)
653128.12	4220123.76	3726.82997	(19091107)	653148.12	4220123.76	2997.63302	(19091107)
653168.12	4220123.76	2477.20359	(19091107)	653188.12	4220123.76	2092.93854	(19091107)
653208.12	4220123.76	1802.21636	(19091107)	653227.12	4220124.56	1592.99852	(19091107)
653247.12	4220124.56	1420.97594	(19091107)	653267.12	4220124.56	1288.16254	(19091107)
653287.12	4220124.56	1183.56637	(19091107)	653307.12	4220124.56	1099.88642	(19091107)
652875.28	4219709.68	653.09790	(22010619)	652895.28	4219709.68	668.69718	(22020318)

652915.28 4219709.68 694.46941 (22012817) 652935.28 4219709.68 754.12168 (22012817)
652955.28 4219709.68 728.06190 (19013022) 652975.28 4219709.68 759.88897 (22120521)
652995.28 4219709.68 833.69045 (20022008) 653015.28 4219709.68 805.01015 (22092907)
652875.28 4219729.68 697.23465 (22010619) 652895.28 4219729.68 695.17310 (22020318)
652915.28 4219729.68 729.91565 (18011024) 652935.28 4219729.68 799.24535 (22012817)
652955.28 4219729.68 791.84912 (19013022) 652975.28 4219729.68 804.50596 (22120521)
652995.28 4219729.68 888.19394 (20022008) 653015.28 4219729.68 863.26873 (20022008)
652875.28 4219749.68 727.27417 (22021208) 652895.28 4219749.68 761.04736 (22010619)
652915.28 4219749.68 775.88767 (22020318) 652935.28 4219749.68 822.70248 (22012817)
652955.28 4219749.68 878.78835 (22012817) 652975.28 4219749.68 863.93741 (21120204)
652995.28 4219749.68 939.70439 (20022008) 653015.28 4219749.68 957.51921 (20022008)
652875.28 4219769.68 796.79794 (20021908) 652895.28 4219769.68 803.37469 (22010619)
652915.28 4219769.68 819.23774 (22010619) 652935.28 4219769.68 860.53629 (18011024)
652955.28 4219769.68 954.12822 (22012817) 652975.28 4219769.68 930.29908 (19013022)
652995.28 4219769.68 985.53778 (20022008) 653015.28 4219769.68 1060.61116 (20022008)
652875.28 4219789.68 859.71024 (19061106) 652895.28 4219789.68 867.67043 (20021908)
652915.28 4219789.68 901.83668 (22010619) 652935.28 4219789.68 921.68489 (22020318)
652955.28 4219789.68 1001.00556 (22012817) 652975.28 4219789.68 1039.08227 (22012817)
652995.28 4219789.68 1055.32426 (22120521) 653015.28 4219789.68 1171.88143 (20022008)
652875.28 4219809.68 897.29376 (19061106) 652895.28 4219809.68 948.00151 (19061106)
652915.28 4219809.68 955.11956 (22021208) 652935.28 4219809.68 1001.41033 (22010619)
652955.28 4219809.68 1045.14952 (18011024) 652975.28 4219809.68 1168.48282 (22012817)
652995.28 4219809.68 1148.86880 (21120204) 653015.28 4219809.68 1288.50678 (20022008)
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        652955.28   4219829.68     1131.19857  (22020318)                652975.28
4219829.68     1262.04421  (22012817)
        652995.28   4219829.68     1270.61420  (19013022)                653015.28
4219829.68     1405.38372  (20022008)
        652875.28   4219849.68      971.31918  (20022608)                652895.28
4219849.68      985.37230  (19061106)
        652915.28   4219849.68     1159.62991  (19061106)                652935.28
4219849.68     1210.33330  (20021908)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     FUEL        , R_IDLE
, C_IDLE      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652955.28   4219849.68     1262.87892  (22010619)                652975.28
4219849.68     1322.44004  (18011024)
        652995.28   4219849.68     1475.40434  (22012817)                653015.28
4219849.68     1515.12026  (20022008)
        653396.88   4219710.60      567.98588  (18101007)                653416.88
4219710.60      557.73472  (18101007)
        653436.88   4219710.60      526.95599  (18101007)                653456.88
4219710.60      510.36246  (18012703)
        653476.88   4219710.60      486.04075  (18020522)                653496.88
4219710.60      471.64821  (18022108)
        653516.88   4219710.60      484.19982  (18022108)                653396.88
4219730.60      595.59631  (18101007)
        653416.88   4219730.60      560.47091  (18101007)                653436.88
4219730.60      542.43553  (18012703)
        653456.88   4219730.60      514.10997  (18020522)                653476.88
4219730.60      512.42029  (18022108)
        653496.88   4219730.60      520.47598  (18022108)                653516.88
4219730.60      514.14285  (18022108)
        653396.88   4219750.60      597.41907  (18012703)                653416.88
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4219750.60 544.94628 (18022108)
653516.88 4219750.60 518.76404 (18022108) 653396.88
4219770.60 615.34346 (18012703)
653416.88 4219770.60 592.17302 (18022108) 653436.88
4219770.60 604.31051 (18022108)
653456.88 4219770.60 598.00006 (18022108) 653476.88
4219770.60 575.58475 (18022108)
653496.88 4219770.60 540.40190 (18022108) 653516.88
4219770.60 495.66138 (18022108)
653476.88 4219790.60 560.34998 (18022108) 653496.88
4219790.60 521.94489 (19022418)
653516.88 4219790.60 517.96368 (19022418) 653476.88
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653496.88 4219810.60 555.52528 (19022418) 653516.88
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653476.88 4219830.60 621.31043 (19091307) 653496.88
4219830.60 624.29084 (19091307)
653516.88 4219830.60 617.70541 (19091307) 653476.88
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653516.88 4219870.60 619.13007 (19091307) 653476.88
4219890.60 677.33266 (19091307)
653496.88 4219890.60 639.77341 (19062406) 653516.88
4219890.60 611.80128 (19062406)
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4220162.55 275.31319 (21120120)
652136.56 4220162.55 283.57338 (19120423) 652156.56
4220162.55 292.89154 (21120120)
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4220162.55 311.26864 (21120120)
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4220162.55 331.26379 (21120120)
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4220162.55 353.64452 (21120120)
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4220162.55 387.16824 (19012817)
652336.56 4220162.55 410.30001 (19012817) 652356.56
4220162.55 434.91411 (19012817)
652376.56 4220162.55 461.15805 (19012817) 652396.56
4220162.55 488.78220 (19012817)
652416.56 4220162.55 518.12941 (19012817) 652436.56
4220162.55 549.65237 (19012817)
652456.56 4220162.55 582.60827 (19012817) 652096.56

4220182.55   266.88618 (21120120)
        652116.56   4220182.55   273.40245 (19120423)   652136.56
4220182.55   281.65593 (19020720)
        652156.56   4220182.55   289.38176 (19020720)   652176.56
4220182.55   304.33612 (19012817)
        652196.56   4220182.55   320.05702 (19012817)   652216.56
4220182.55   336.66995 (19012817)
        652236.56   4220182.55   354.24436 (19012817)   652256.56
4220182.55   372.81168 (19012817)
        652276.56   4220182.55   392.14866 (19012817)   652296.56
4220182.55   412.18064 (19012817)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   FUEL   , R_IDLE
, C_IDLE   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF TOG   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        652316.56   4220182.55   433.44611 (19012817)   652336.56
4220182.55   455.89207 (19012817)
        652356.56   4220182.55   479.08471 (19012817)   652376.56
4220182.55   503.21934 (19012817)
        652396.56   4220182.55   528.56372 (19012817)   652416.56
4220182.55   554.53656 (19012817)
        652436.56   4220182.55   581.96896 (19012817)   652456.56
4220182.55   610.41863 (19012817)
        652476.56   4220182.55   639.70470 (19012817)   652096.56
4220202.55   283.22605 (19012817)
        652116.56   4220202.55   296.14624 (19012817)   652136.56
4220202.55   309.92969 (19012817)
        652156.56   4220202.55   324.07379 (19012817)   652176.56
4220202.55   338.92006 (19012817)
        652196.56   4220202.55   354.04187 (19012817)   652216.56
4220202.55   370.12271 (19012817)

652236.56 4220202.55 386.73281 (19012817) 652256.56 4220202.55 403.74043 (19012817)
652276.56 4220202.55 421.06243 (19012817) 652296.56 4220202.55 438.92893 (19012817)
652316.56 4220202.55 457.59854 (19012817) 652336.56 4220202.55 476.48082 (19012817)
652356.56 4220202.55 495.68898 (19012817) 652376.56 4220202.55 515.41599 (19012817)
652396.56 4220202.55 535.32517 (19012817) 652416.56 4220202.55 555.42701 (19012817)
652436.56 4220202.55 575.69647 (19012817) 652456.56 4220202.55 595.69133 (19012817)
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652116.56 4220222.55 321.21285 (19012817) 652136.56 4220222.55 333.67175 (19012817)
652156.56 4220222.55 346.66893 (19012817) 652176.56 4220222.55 359.44288 (19012817)
652196.56 4220222.55 373.07042 (19012817) 652216.56 4220222.55 386.62921 (19012817)
652236.56 4220222.55 400.45958 (19012817) 652256.56 4220222.55 414.44452 (19012817)
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652356.56 4220222.55 483.68589 (19012817) 652376.56 4220222.55 496.71352 (19012817)
652396.56 4220222.55 509.01698 (19012817) 652416.56 4220222.55 520.65733 (19012817)
652436.56 4220222.55 531.28743 (19012817) 652456.56 4220222.55 543.44956 (18010109)
652476.56 4220222.55 579.96546 (18010109) 652096.56 4220242.55 322.41807 (19012817)
652116.56 4220242.55 332.89487 (19012817) 652136.56 4220242.55 343.54606 (19012817)
652156.56 4220242.55 353.71987 (19012817) 652176.56 4220242.55 364.27874 (19012817)
652196.56 4220242.55 374.38370 (19012817) 652216.56 4220242.55 384.78298 (19012817)
652236.56 4220242.55 394.93799 (19012817) 652256.56 4220242.55 404.53736 (19012817)
652276.56 4220242.55 413.71128 (19012817) 652296.56 4220242.55 422.34672 (19012817)
652316.56 4220242.55 430.60134 (19012817) 652336.56 4220242.55 438.03346 (19012817)
652356.56 4220242.55 444.16609 (19012817) 652376.56 4220242.55 453.05162 (18010109)
652396.56 4220242.55 481.22198 (18010109) 652416.56 4220242.55 509.45028 (18010109)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): FUEL , R_IDLE , C_IDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652436.56	4220242.55	537.50713	(18010109)	652456.56	4220242.55	565.00967	(18010109)
652476.56	4220242.55	591.67735	(18010109)	652096.56	4220262.55	323.02873	(19012817)
652116.56	4220262.55	330.73533	(19012817)	652136.56	4220262.55	338.39938	(19012817)
652156.56	4220262.55	345.75476	(19012817)	652176.56	4220262.55	352.32550	(19012817)
652196.56	4220262.55	358.98554	(19012817)	652216.56	4220262.55	364.95489	(19012817)
652236.56	4220262.55	370.27149	(19012817)	652256.56	4220262.55	375.04150	(19012817)
652276.56	4220262.55	378.87608	(19012817)	652296.56	4220262.55	385.69399	(18010109)
652316.56	4220262.55	407.84427	(18010109)	652336.56	4220262.55	430.39891	(18010109)
652356.56	4220262.55	452.69113	(18010109)	652376.56	4220262.55	474.60786	(18010109)
652396.56	4220262.55	495.78165	(18010109)	652416.56	4220262.55	516.12876	(18010109)
652436.56	4220262.55	534.99423	(18010109)	652456.56	4220262.55	551.92993	(18010109)
652476.56	4220262.55	566.00721	(18010109)	652096.56	4220282.55	310.40560	(19012817)
652116.56	4220282.55	315.20319	(19012817)	652136.56	4220282.55	319.18824	(19012817)
652156.56	4220282.55	322.69866	(19012817)	652176.56			

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4220282.55      325.89698  (19012817)
        652196.56   4220282.55      328.17263  (19012817)              652216.56
4220282.55      333.48902  (18010109)
        652236.56   4220282.55      351.55225  (18010109)              652256.56
4220282.55      369.81396  (18010109)
        652276.56   4220282.55      388.16552  (18010109)              652296.56
4220282.55      406.10394  (18010109)
        652316.56   4220282.55      423.45951  (18010109)              652336.56
4220282.55      440.14962  (18010109)
        652356.56   4220282.55      455.93792  (18010109)              652376.56
4220282.55      470.43981  (18010109)
        652396.56   4220282.55      483.27850  (18010109)              652416.56
4220282.55      493.75199  (18010109)
        652436.56   4220282.55      501.64759  (18010109)              652456.56
4220282.55      506.29269  (18010109)
        652476.56   4220282.55      524.18556  (21021908)              652096.56
4220302.55      286.49128  (19012817)
        652116.56   4220302.55      287.83176  (19012817)              652136.56
4220302.55      292.11532  (18010109)
        652156.56   4220302.55      307.01722  (18010109)              652176.56
4220302.55      322.35073  (18010109)
        652196.56   4220302.55      337.36646  (18010109)              652216.56
4220302.55      352.58668  (18010109)
        652236.56   4220302.55      367.21230  (18010109)              652256.56
4220302.55      381.06521  (18010109)
        652276.56   4220302.55      394.62818  (18010109)              652296.56
4220302.55      407.23227  (18010109)
        652316.56   4220302.55      418.62560  (18010109)              652336.56
4220302.55      428.59291  (18010109)
        652356.56   4220302.55      436.53323  (18010109)              652376.56
4220302.55      442.29937  (18010109)
        652396.56   4220302.55      445.44872  (18010109)              652416.56
4220302.55      458.23652  (21021908)
        652436.56   4220302.55      476.59428  (21021908)              652456.56
4220302.55      492.19215  (21021908)
        652476.56   4220302.55      504.19867  (21021908)              652096.56
4220322.55      284.13570  (18010109)
        652116.56   4220322.55      296.78214  (18010109)              652136.56
4220322.55      309.59669  (18010109)
        652156.56   4220322.55      322.25005  (18010109)              652176.56
4220322.55      334.03280  (18010109)
        652196.56   4220322.55      345.70949  (18010109)              652216.56
4220322.55      356.75853  (18010109)
        652236.56   4220322.55      366.86208  (18010109)              652256.56
4220322.55      375.98483  (18010109)
        652276.56   4220322.55      383.78756  (18010109)              652296.56
4220322.55      389.87072  (18010109)
        652316.56   4220322.55      394.19349  (18010109)              652336.56
4220322.55      396.53001  (18010109)
        652356.56   4220322.55      404.99418  (21021908)              652376.56
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4220322.55   421.09347 (21021908)
        652396.56   4220322.55   435.12295 (21021908)   652416.56
4220322.55   446.47579 (21021908)
        652436.56   4220322.55   454.42297 (21021908)   652456.56
4220322.55   459.26139 (18010223)
        652476.56   4220322.55   477.26324 (18010223)   652096.56
4220342.55   295.91691 (18010109)
        652116.56   4220342.55   305.96483 (18010109)   652136.56
4220342.55   315.48451 (18010109)
        652156.56   4220342.55   324.71389 (18010109)   652176.56
4220342.55   332.94158 (18010109)
        652196.56   4220342.55   340.13751 (18010109)   652216.56
4220342.55   346.29244 (18010109)
        652236.56   4220342.55   350.96483 (18010109)   652256.56
4220342.55   354.25555 (18010109)
        652276.56   4220342.55   355.94430 (18010109)   652296.56
4220342.55   361.44373 (21021908)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   FUEL   , R_IDLE
, C_IDLE   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF TOG   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        652316.56   4220342.55   375.74137 (21021908)   652336.56
4220342.55   388.40195 (21021908)
        652356.56   4220342.55   399.01554 (21021908)   652376.56
4220342.55   406.90327 (21021908)
        652396.56   4220342.55   411.71404 (21021908)   652416.56
4220342.55   420.06942 (18010223)
        652436.56   4220342.55   434.56410 (18010223)   652456.56
4220342.55   451.11298 (21010817)
        652476.56   4220342.55   470.71361 (21010817)   652096.56
4220362.55   297.19391 (18010109)

652116.56 4220362.55 303.98899 (18010109) 652136.56
4220362.55 309.82615 (18010109)
652156.56 4220362.55 314.66223 (18010109) 652176.56
4220362.55 318.54102 (18010109)
652196.56 4220362.55 321.19794 (18010109) 652216.56
4220362.55 322.32134 (18010109)
652236.56 4220362.55 325.21908 (21021908) 652256.56
4220362.55 337.89116 (21021908)
652276.56 4220362.55 349.33064 (21021908) 652296.56
4220362.55 359.02475 (21021908)
652316.56 4220362.55 366.70730 (21021908) 652336.56
4220362.55 371.96802 (21021908)
652356.56 4220362.55 374.37407 (21021908) 652376.56
4220362.55 386.21934 (18010223)
652396.56 4220362.55 397.96082 (18010223) 652416.56
4220362.55 412.41150 (21010817)
652436.56 4220362.55 428.99642 (21010817) 652456.56
4220362.55 442.29534 (21010817)
652476.56 4220362.55 462.70383 (19091007) 652096.56
4220382.55 287.86787 (18010109)
652116.56 4220382.55 290.95376 (18010109) 652136.56
4220382.55 293.01320 (18010109)
652156.56 4220382.55 293.62113 (18010109) 652176.56
4220382.55 294.52926 (21021908)
652196.56 4220382.55 305.82256 (21021908) 652216.56
4220382.55 316.09293 (21021908)
652236.56 4220382.55 325.07297 (21021908) 652256.56
4220382.55 332.44856 (21021908)
652276.56 4220382.55 337.91296 (21021908) 652296.56
4220382.55 341.30173 (21021908)
652316.56 4220382.55 344.78856 (18010223) 652336.56
4220382.55 356.87103 (18010223)
652356.56 4220382.55 366.39740 (18010223) 652376.56
4220382.55 379.19149 (21010817)
652396.56 4220382.55 393.35083 (21010817) 652416.56
4220382.55 404.75337 (21010817)
652436.56 4220382.55 423.23194 (19091007) 652456.56
4220382.55 436.98917 (19091007)
652476.56 4220382.55 445.07029 (19091007) 652096.56
4220402.55 269.09737 (18010109)
652116.56 4220402.55 268.48219 (21021908) 652136.56
4220402.55 278.63609 (21021908)
652156.56 4220402.55 288.00577 (21021908) 652176.56
4220402.55 296.28538 (21021908)
652196.56 4220402.55 303.22829 (21021908) 652216.56
4220402.55 308.69165 (21021908)
652236.56 4220402.55 312.48015 (21021908) 652256.56
4220402.55 314.21117 (21021908)
652276.56 4220402.55 320.85867 (18010223) 652296.56
4220402.55 330.97081 (18010223)

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        652316.56   4220402.55      338.74897  (18010223)                652336.56
4220402.55      350.35051  (21010817)
        652356.56   4220402.55      362.60173  (21010817)                652376.56
4220402.55      372.40441  (21010817)
        652396.56   4220402.55      389.20691  (19091007)                652416.56
4220402.55      401.99726  (19091007)
        652436.56   4220402.55      410.02975  (19091007)                652456.56
4220402.55      417.27491  (22120419)
        652476.56   4220402.55      430.44750  (19042321)                652096.56
4220422.55      263.55650  (21021908)
        652116.56   4220422.55      271.28350  (21021908)                652136.56
4220422.55      277.96997  (21021908)
        652156.56   4220422.55      283.30724  (21021908)                652176.56
4220422.55      287.33580  (21021908)
        652196.56   4220422.55      289.71305  (21021908)                652216.56
4220422.55      290.26458  (21021908)
        652236.56   4220422.55      299.69765  (18010223)                652256.56
4220422.55      308.17050  (18010223)
        652276.56   4220422.55      314.43561  (18010223)                652296.56
4220422.55      325.23632  (21010817)
 *** AERMOD - VERSION 22112  ***   *** LODI MAVERIK_OPERATIONS_TOG
                          ***        01/03/25
 *** AERMET - VERSION  21112 ***   ***
                         ***        17:00:44

                                    PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     FUEL        , R_IDLE
, C_IDLE      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF TOG      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652316.56   4220422.55      335.94256  (21010817)                652336.56
4220422.55      344.39863  (21010817)
        652356.56   4220422.55      359.60327  (19091007)                652376.56
4220422.55      371.53533  (19091007)
        652396.56   4220422.55      379.26924  (19091007)                652416.56
4220422.55      384.63959  (22120419)
        652436.56   4220422.55      394.53914  (19042321)                652456.56
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4220422.55 407.06145 (19042321)
652476.56 4220422.55 443.47582 (22040807) 652096.56
4220442.55 260.92624 (21021908)
652116.56 4220442.55 264.93096 (21021908) 652136.56
4220442.55 267.66818 (21021908)
652156.56 4220442.55 268.98123 (21021908) 652176.56
4220442.55 272.13113 (18010223)
652196.56 4220442.55 280.65795 (18010223) 652216.56
4220442.55 287.81539 (18010223)
652236.56 4220442.55 292.88391 (18010223) 652256.56
4220442.55 303.07435 (21010817)
652276.56 4220442.55 312.52282 (21010817) 652296.56
4220442.55 319.95526 (21010817)
652316.56 4220442.55 333.58524 (19091007) 652336.56
4220442.55 344.70921 (19091007)
652356.56 4220442.55 352.23097 (19091007) 652376.56
4220442.55 356.06970 (22120419)
652396.56 4220442.55 364.29283 (21022608) 652416.56
4220442.55 375.55528 (19042321)
652436.56 4220442.55 388.17194 (22040807) 652456.56
4220442.55 434.35203 (22040807)
652476.56 4220442.55 478.59532 (22040807) 652096.56
4220462.55 249.94061 (21021908)
652116.56 4220462.55 250.26142 (21021908) 652136.56
4220462.55 256.30038 (18010223)
652156.56 4220462.55 263.60365 (18010223) 652176.56
4220462.55 269.56867 (18010223)
652196.56 4220462.55 273.63481 (18010223) 652216.56
4220462.55 283.25654 (21010817)
652236.56 4220462.55 291.65842 (21010817) 652256.56
4220462.55 298.30603 (21010817)
652276.56 4220462.55 310.65948 (19091007) 652296.56
4220462.55 320.87179 (19091007)
652316.56 4220462.55 328.16537 (19091007) 652336.56
4220462.55 331.76810 (19091007)
652356.56 4220462.55 338.22302 (21022608) 652376.56
4220462.55 347.52922 (19042321)
652396.56 4220462.55 356.47956 (19042321) 652416.56
4220462.55 382.95295 (22040807)
652436.56 4220462.55 424.79488 (22040807) 652456.56
4220462.55 463.96513 (22040807)
652476.56 4220462.55 498.75604 (22040807) 652096.56
4220482.55 241.84176 (18010223)
652116.56 4220482.55 248.14660 (18010223) 652136.56
4220482.55 253.18120 (18010223)
652156.56 4220482.55 257.10699 (21010817) 652176.56
4220482.55 265.71842 (21010817)
652196.56 4220482.55 273.06164 (21010817) 652216.56
4220482.55 278.91021 (21010817)
652236.56 4220482.55 290.27570 (19091007) 652256.56

4220482.55   299.86128 (19091007)
        652276.56   4220482.55   306.71252 (19091007)   652296.56
4220482.55   310.43308 (19091007)
        652316.56   4220482.55   314.98402 (21022608)   652336.56
4220482.55   322.29069 (19042321)
        652356.56   4220482.55   331.56379 (19042321)   652376.56
4220482.55   338.19709 (22040807)
        652396.56   4220482.55   377.15672 (22040807)   652416.56
4220482.55   414.64542 (22040807)
        652436.56   4220482.55   449.54530 (22040807)   652456.56
4220482.55   479.10331 (22040807)
        652476.56   4220482.55   501.62369 (22040807)   652216.56
4220502.55   280.98633 (19091007)
        652236.56   4220502.55   287.65028 (19091007)   652256.56
4220502.55   291.37367 (19091007)
        652276.56   4220502.55   294.20988 (22120419)   652296.56
4220502.55   301.45640 (21022608)
        652316.56   4220502.55   309.17682 (19042321)   652336.56
4220502.55   315.55264 (19042321)
        652356.56   4220502.55   335.20116 (22040807)   652376.56
4220502.55   370.69885 (22040807)
        652396.56   4220502.55   404.22215 (22040807)   652416.56
4220502.55   434.88469 (22040807)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   FUEL   , R_IDLE
, C_IDLE   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF TOG   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        652436.56   4220502.55   460.01503 (22040807)   652456.56
4220502.55   478.62661 (22040807)
        652476.56   4220502.55   487.93468 (22040807)   652396.56
4220522.55   420.31339 (22040807)

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
C_IDLE	1ST HIGHEST VALUE IS	108.29993 AT (653091.77, 4220073.80, 16.64, 16.64, 0.00)	DC	
	2ND HIGHEST VALUE IS	95.11951 AT (653107.01, 4220074.09, 16.64, 16.64, 0.00)	DC	
	3RD HIGHEST VALUE IS	78.50358 AT (653127.01, 4220074.09, 16.64, 16.64, 0.00)	DC	
	4TH HIGHEST VALUE IS	63.06294 AT (653147.01, 4220074.09, 16.63, 16.63, 0.00)	DC	
	5TH HIGHEST VALUE IS	58.16915 AT (653092.17, 4220089.40, 16.64, 16.64, 0.00)	DC	
	6TH HIGHEST VALUE IS	52.90910 AT (653107.41, 4220089.69, 16.64, 16.64, 0.00)	DC	
	7TH HIGHEST VALUE IS	50.87265 AT (653167.01, 4220074.09, 16.62, 16.62, 0.00)	DC	
	8TH HIGHEST VALUE IS	48.44972 AT (653127.41, 4220089.69, 16.64, 16.64, 0.00)	DC	
	9TH HIGHEST VALUE IS	47.70091 AT (653217.50, 4220029.01, 16.59, 16.59, 0.00)	DC	
	10TH HIGHEST VALUE IS	42.88495 AT (653147.41, 4220089.69, 16.63, 16.63, 0.00)	DC	
FUEL	1ST HIGHEST VALUE IS	101.30490 AT (652843.96, 4220111.30, 16.74, 16.74, 0.00)	DC	
	2ND HIGHEST VALUE IS	83.43244 AT (652843.96, 4220091.30, 16.82,		

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   16.82,    0.00)  DC
          3RD HIGHEST VALUE IS      67.69151 AT (  652823.96,  4220131.30,    17.19,
   17.19,    0.00)  DC
          4TH HIGHEST VALUE IS      65.65416 AT (  652823.96,  4220111.30,    17.16,
   17.16,    0.00)  DC
          5TH HIGHEST VALUE IS      56.90359 AT (  652823.96,  4220091.30,    17.19,
   17.19,    0.00)  DC
          6TH HIGHEST VALUE IS      47.85155 AT (  652803.96,  4220131.30,    17.73,
   17.73,    0.00)  DC
          7TH HIGHEST VALUE IS      46.25785 AT (  652803.96,  4220111.30,    17.68,
   17.68,    0.00)  DC
          8TH HIGHEST VALUE IS      45.70104 AT (  652843.96,  4220051.30,    17.01,
   17.01,    0.00)  DC
          9TH HIGHEST VALUE IS      44.54979 AT (  652823.96,  4220071.30,    17.27,
   17.27,    0.00)  DC
         10TH HIGHEST VALUE IS      41.37689 AT (  652803.96,  4220091.30,    17.68,
   17.68,    0.00)  DC

R_IDLE    1ST HIGHEST VALUE IS    1340.85037 AT (  653092.17,  4220089.40,    16.64,
   16.64,    0.00)  DC
          2ND HIGHEST VALUE IS    1215.83480 AT (  653091.77,  4220073.80,    16.64,
   16.64,    0.00)  DC
          3RD HIGHEST VALUE IS     914.53781 AT (  653092.17,  4220109.40,    16.64,
   16.64,    0.00)  DC
          4TH HIGHEST VALUE IS     587.06405 AT (  653107.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
          5TH HIGHEST VALUE IS     574.69272 AT (  653107.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          6TH HIGHEST VALUE IS     413.20665 AT (  653107.41,  4220109.69,    16.64,
   16.64,    0.00)  DC
          7TH HIGHEST VALUE IS     357.45231 AT (  653092.88,  4220123.48,    16.64,
   16.64,    0.00)  DC
          8TH HIGHEST VALUE IS     285.81207 AT (  653127.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          9TH HIGHEST VALUE IS     275.98711 AT (  653127.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
         10TH HIGHEST VALUE IS     236.57299 AT (  653108.12,  4220123.76,    16.64,
   16.64,    0.00)  DC

ALL       1ST HIGHEST VALUE IS    1437.30631 AT (  653092.17,  4220089.40,    16.64,
   16.64,    0.00)  DC
          2ND HIGHEST VALUE IS    1363.20570 AT (  653091.77,  4220073.80,    16.64,
   16.64,    0.00)  DC
          3RD HIGHEST VALUE IS     985.30723 AT (  653092.17,  4220109.40,    16.64,
   16.64,    0.00)  DC
          4TH HIGHEST VALUE IS     703.07973 AT (  653107.01,  4220074.09,    16.64,
   16.64,    0.00)  DC
          5TH HIGHEST VALUE IS     672.60319 AT (  653107.41,  4220089.69,    16.64,
   16.64,    0.00)  DC
          6TH HIGHEST VALUE IS     475.47832 AT (  653107.41,  4220109.69,    16.64,
```

16.64,   0.00) DC
       7TH HIGHEST VALUE IS   416.82678 AT (653092.88, 4220123.48,   16.64,
16.64,   0.00) DC
       8TH HIGHEST VALUE IS   391.79844 AT (653127.01, 4220074.09,   16.64,
16.64,   0.00) DC
       9TH HIGHEST VALUE IS   351.43780 AT (653127.41, 4220089.69,   16.64,
16.64,   0.00) DC
      10TH HIGHEST VALUE IS   289.05770 AT (653108.12, 4220123.76,   16.64,
16.64,   0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                                    ** CONC OF TOG   IN MICROGRAMS/M**3
             **

                                                        DATE
                                        NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

C_IDLE   HIGH   1ST HIGH VALUE IS   6200.80322 ON 19110908: AT (653091.77,
4220073.80,   16.64,   16.64,   0.00) DC

FUEL   HIGH   1ST HIGH VALUE IS   3284.73730 ON 19012817: AT (652843.96,
4220111.30,   16.74,   16.74,   0.00) DC

R_IDLE   HIGH   1ST HIGH VALUE IS   9563.90389 ON 19091307: AT (653092.17,
4220089.40,   16.64,   16.64,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   9923.07402 ON 19091107: AT (653092.17,
4220109.40,   16.64,   16.64,   0.00) DC

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   1 Warning Message(s)
A Total of   1399 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   723 Calm Hours Identified

A Total of   676 Missing Hours Identified (1.54 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W187   88   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

Maverik Lodi_Unmitigated Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Maverik Lodi_Unmitigated
Construction Start Date	1/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	34.0
Location	38.11558923469829, -121.25499097307477
County	San Joaquin
City	Unincorporated
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2146
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Convenience Market (24 hour)	5.98	1000sqft	0.14	5,982	0.00	—	—	—

Fast Food Restaurant with Drive Thru	3.00	1000sqft	0.07	3,003	0.00	—	—	—
Strip Mall	4.50	1000sqft	0.10	4,500	0.00	—	—	—
Fast Food Restaurant with Drive Thru	2.85	1000sqft	0.07	2,850	0.00	—	—	—
High Turnover (Sit Down Restaurant)	6.72	1000sqft	0.15	6,718	0.00	—	—	—
Supermarket	7.92	1000sqft	0.18	7,919	0.00	—	—	—
Parking Lot	327	1000sqft	7.50	0.00	17,204	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.27	4.01	11.5	14.9	0.03	0.46	0.15	0.61	0.42	0.04	0.46	—	2,799	2,799	0.11	0.05	0.86	2,816
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.26	5.85	31.7	30.9	0.05	1.37	19.8	21.2	1.26	10.1	11.4	—	5,442	5,442	0.22	0.16	0.07	5,462
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.66	1.50	7.30	8.93	0.02	0.30	1.02	1.32	0.28	0.49	0.76	—	1,692	1,692	0.07	0.03	0.24	1,703

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.30	0.27	1.33	1.63	< 0.005	0.05	0.19	0.24	0.05	0.09	0.14	—	280	280	0.01	0.01	0.04	282

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.27	4.01	11.5	14.9	0.03	0.46	0.15	0.61	0.42	0.04	0.46	—	2,799	2,799	0.11	0.05	0.86	2,816
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.26	5.85	31.7	30.9	0.05	1.37	19.8	21.2	1.26	10.1	11.4	—	5,442	5,442	0.22	0.16	0.07	5,462
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.66	1.50	7.30	8.93	0.02	0.30	1.02	1.32	0.28	0.49	0.76	—	1,692	1,692	0.07	0.03	0.24	1,703
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.30	0.27	1.33	1.63	< 0.005	0.05	0.19	0.24	0.05	0.09	0.14	—	280	280	0.01	0.01	0.04	282

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.8	33.3	41.0	105	0.18	0.26	8.59	8.85	0.24	2.21	2.45	126	19,945	20,071	14.8	2.33	2,945	24,081
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	31.4	29.8	44.5	123	0.17	0.26	8.59	8.85	0.25	2.21	2.45	126	19,432	19,558	15.2	2.45	2,903	23,571
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.7	30.1	42.7	111	0.18	0.26	8.41	8.67	0.24	2.16	2.41	126	19,516	19,642	15.0	2.39	2,920	23,650
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.79	5.50	7.80	20.3	0.03	0.05	1.54	1.58	0.04	0.39	0.44	20.9	3,231	3,252	2.49	0.40	483	3,915

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	33.7	32.3	40.5	103	0.18	0.21	8.59	8.81	0.20	2.21	2.41	—	18,429	18,429	1.93	2.29	43.1	19,203
Area	0.99	0.97	0.01	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.54	5.54	< 0.005	< 0.005	—	5.56
Energy	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,500	1,500	0.20	0.02	—	1,510
Water	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Waste	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Total	34.8	33.3	41.0	105	0.18	0.26	8.59	8.85	0.24	2.21	2.45	126	19,945	20,071	14.8	2.33	2,945	24,081
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	30.6	29.0	44.0	122	0.17	0.22	8.59	8.81	0.20	2.21	2.41	—	17,922	17,922	2.36	2.40	1.12	18,698
Area	0.75	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,500	1,500	0.20	0.02	—	1,510
Water	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Waste	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902

Total	31.4	29.8	44.5	123	0.17	0.26	8.59	8.85	0.25	2.21	2.45	126	19,432	19,558	15.2	2.45	2,903	23,571
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	30.8	29.2	42.2	110	0.17	0.21	8.41	8.63	0.20	2.16	2.36	—	18,003	18,003	2.16	2.34	18.6	18,774
Area	0.87	0.86	0.01	0.66	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.73	2.73	< 0.005	< 0.005	—	2.74
Energy	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,500	1,500	0.20	0.02	—	1,510
Water	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Waste	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Total	31.7	30.1	42.7	111	0.18	0.26	8.41	8.67	0.24	2.16	2.41	126	19,516	19,642	15.0	2.39	2,920	23,650
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.62	5.34	7.70	20.1	0.03	0.04	1.54	1.57	0.04	0.39	0.43	—	2,981	2,981	0.36	0.39	3.08	3,108
Area	0.16	0.16	< 0.005	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Energy	0.01	0.01	0.10	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	248	248	0.03	< 0.005	—	250
Water	—	—	—	—	—	—	—	—	—	—	—	1.77	1.72	3.49	0.18	< 0.005	—	9.31
Waste	—	—	—	—	—	—	—	—	—	—	—	19.2	0.00	19.2	1.91	0.00	—	67.0
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	480	480
Total	5.79	5.50	7.80	20.3	0.03	0.05	1.54	1.58	0.04	0.39	0.44	20.9	3,231	3,252	2.49	0.40	483	3,915

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.87	0.83	< 0.005	0.04	—	0.04	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.54	0.54	—	0.28	0.28	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.07	0.72	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	146	146	< 0.005	0.01	0.02	148
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.11	4.11	< 0.005	< 0.005	0.01	4.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	7.09	7.09	—	3.43	3.43	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.39	0.39	—	0.19	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.62	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	125	125	< 0.005	0.01	0.01	127
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	1.11	0.25	0.01	0.02	0.23	0.25	0.02	0.06	0.08	—	869	869	0.02	0.13	0.05	910
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.04	7.04	< 0.005	< 0.005	0.01	7.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.06	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	47.6	47.6	< 0.005	0.01	0.05	49.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.17	1.17	< 0.005	< 0.005	< 0.005	1.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.88	7.88	< 0.005	< 0.005	0.01	8.26

3.5. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.61	0.51	4.75	5.93	0.01	0.20	—	0.20	0.18	—	0.18	—	1,090	1,090	0.04	0.01	—	1,094
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.11	0.09	0.87	1.08	< 0.005	0.04	—	0.04	0.03	—	0.03	—	181	181	0.01	< 0.005	—	181
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.58	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	103	103	< 0.005	< 0.005	0.38	105
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	< 0.005	0.02	0.39	151
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.4	93.4	< 0.005	< 0.005	0.01	94.6
Vendor	0.01	< 0.005	0.19	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	< 0.005	0.02	0.01	150
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.5	43.5	< 0.005	< 0.005	0.08	44.2
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	65.4	65.4	< 0.005	0.01	0.08	68.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.21	7.21	< 0.005	< 0.005	0.01	7.31
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.01	11.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	0.98	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.62	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	125	125	< 0.005	0.01	0.01	127
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.04	7.04	< 0.005	< 0.005	0.01	7.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.17	1.17	< 0.005	< 0.005	< 0.005	1.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.70	2.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.70	2.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.21	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.8	31.8	< 0.005	< 0.005	—	31.9
Architectural Coatings	0.64	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.27	5.27	< 0.005	< 0.005	—	5.29
Architectural Coatings	0.12	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	20.7	20.7	< 0.005	< 0.005	0.08	21.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.7	18.7	< 0.005	< 0.005	< 0.005	18.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.56	4.56	< 0.005	< 0.005	0.01	4.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.77

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	16.3	15.8	5.92	43.8	0.05	0.05	3.62	3.67	0.05	0.92	0.97	—	5,240	5,240	0.77	0.51	15.3	5,426
Fast Food Restaurant with Drive Thru	9.85	9.57	3.58	26.5	0.03	0.03	2.19	2.22	0.03	0.56	0.59	—	3,166	3,166	0.46	0.31	9.24	3,278
Strip Mall	0.96	0.94	0.35	2.59	< 0.005	< 0.005	0.21	0.22	< 0.005	0.05	0.06	—	310	310	0.05	0.03	0.90	321
High Turnover (Sit Down Restaurant)	2.42	2.35	0.88	6.51	0.01	0.01	0.54	0.55	0.01	0.14	0.14	—	779	779	0.11	0.08	2.27	807
Supermarket	2.40	2.33	0.87	6.45	0.01	0.01	0.53	0.54	0.01	0.14	0.14	—	772	772	0.11	0.07	2.25	799
Parking Lot	1.79	1.25	28.9	17.7	0.08	0.11	1.50	1.61	0.10	0.40	0.50	—	8,163	8,163	0.43	1.29	13.2	8,572

Total	33.7	32.3	40.5	103	0.18	0.21	8.59	8.81	0.20	2.21	2.41	—	18,429	18,429	1.93	2.29	43.1	19,203
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	14.8	14.2	6.81	53.1	0.05	0.05	3.62	3.67	0.05	0.92	0.97	—	4,947	4,947	0.99	0.56	0.40	5,139
Fast Food Restaurant with Drive Thru	8.95	8.60	4.11	32.1	0.03	0.03	2.19	2.22	0.03	0.56	0.59	—	2,989	2,989	0.60	0.34	0.24	3,105
Strip Mall	0.87	0.84	0.40	3.14	< 0.005	< 0.005	0.21	0.22	< 0.005	0.05	0.06	—	292	292	0.06	0.03	0.02	304
High Turnover (Sit Down Restaurant)	2.20	2.12	1.01	7.90	0.01	0.01	0.54	0.55	0.01	0.14	0.14	—	736	736	0.15	0.08	0.06	764
Supermarket	2.18	2.10	1.00	7.82	0.01	0.01	0.53	0.54	0.01	0.14	0.14	—	729	729	0.15	0.08	0.06	757
Parking Lot	1.62	1.10	30.7	18.2	0.08	0.11	1.50	1.61	0.10	0.40	0.51	—	8,229	8,229	0.42	1.30	0.34	8,628
Total	30.6	29.0	44.0	122	0.17	0.22	8.59	8.81	0.20	2.21	2.41	—	17,922	17,922	2.36	2.40	1.12	18,698
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	2.71	2.61	1.16	8.58	0.01	0.01	0.65	0.66	0.01	0.16	0.17	—	829	829	0.15	0.09	1.09	860
Fast Food Restaurant with Drive Thru	1.64	1.58	0.70	5.18	0.01	0.01	0.39	0.40	0.01	0.10	0.10	—	501	501	0.09	0.05	0.66	520

Strip Mall	0.16	0.15	0.07	0.51	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	49.0	49.0	0.01	0.01	0.06	50.8
High Turnover (Sit Down Restaurant)	0.40	0.39	0.17	1.28	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	123	123	0.02	0.01	0.16	128
Supermarket	0.40	0.39	0.17	1.26	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	122	122	0.02	0.01	0.16	127
Parking Lot	0.31	0.22	5.43	3.27	0.01	0.02	0.27	0.29	0.02	0.07	0.09	—	1,356	1,356	0.07	0.21	0.94	1,423
Total	5.62	5.34	7.70	20.1	0.03	0.04	1.54	1.57	0.04	0.39	0.43	—	2,981	2,981	0.36	0.39	3.08	3,108

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.03	< 0.005	—	173
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	131	131	0.02	< 0.005	—	133
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	21.9	21.9	< 0.005	< 0.005	—	22.1

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	151	151	0.02	< 0.005	—	152
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	227	227	0.04	< 0.005	—	229
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	160	160	0.03	< 0.005	—	162
Total	—	—	—	—	—	—	—	—	—	—	—	—	862	862	0.14	0.02	—	870
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.03	< 0.005	—	173
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	131	131	0.02	< 0.005	—	133
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	21.9	21.9	< 0.005	< 0.005	—	22.1
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	151	151	0.02	< 0.005	—	152
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	227	227	0.04	< 0.005	—	229
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	160	160	0.03	< 0.005	—	162
Total	—	—	—	—	—	—	—	—	—	—	—	—	862	862	0.14	0.02	—	870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience	—	—	—	—	—	—	—	—	—	—	—	—	28.3	28.3	< 0.005	< 0.005	—	28.6
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	21.7	21.7	< 0.005	< 0.005	—	22.0
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	3.63	3.63	< 0.005	< 0.005	—	3.66
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	25.0	25.0	< 0.005	< 0.005	—	25.2
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	37.5	37.5	0.01	< 0.005	—	37.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	26.5	26.5	< 0.005	< 0.005	—	26.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	143	143	0.02	< 0.005	—	144

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	0.01	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	58.0	58.0	0.01	< 0.005	—	58.1

Fast Food Restaurant with Drive Thru	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	229	229	0.02	< 0.005	—	229
Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.5
High Turnover (Sit Down Restaurant)	0.02	0.01	0.22	0.18	< 0.005	0.02	—	0.02	0.02	—	0.02	—	262	262	0.02	< 0.005	—	263
Supermarket	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.7	76.7	0.01	< 0.005	—	77.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	638	638	0.06	< 0.005	—	640
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	0.01	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	58.0	58.0	0.01	< 0.005	—	58.1
Fast Food Restaurant with Drive Thru	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	229	229	0.02	< 0.005	—	229
Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.4	12.4	< 0.005	< 0.005	—	12.5
High Turnover (Sit Down Restaurant)	0.02	0.01	0.22	0.18	< 0.005	0.02	—	0.02	0.02	—	0.02	—	262	262	0.02	< 0.005	—	263

Superm	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.7	76.7	0.01	< 0.005	—	77.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.53	0.45	< 0.005	0.04	—	0.04	0.04	—	0.04	—	638	638	0.06	< 0.005	—	640
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.60	9.60	< 0.005	< 0.005	—	9.62
Fast Food Restaurant with Drive Thru	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.8	37.8	< 0.005	< 0.005	—	37.9
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.06	2.06	< 0.005	< 0.005	—	2.07
High Turnover (Sit Down Restaurant)	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.4	43.4	< 0.005	< 0.005	—	43.6
Supermarket	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.7
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.01	0.10	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	106	106	0.01	< 0.005	—	106

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.24	0.22	0.01	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.54	5.54	< 0.005	< 0.005	—	5.56
Total	0.99	0.97	0.01	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.54	5.54	< 0.005	< 0.005	—	5.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.75	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	0.02	0.02	< 0.005	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.16	0.16	< 0.005	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	0.85	0.81	1.66	0.09	< 0.005	—	4.46
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	3.40	3.24	6.64	0.35	0.01	—	17.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.64	0.61	1.25	0.07	< 0.005	—	3.35
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.91	3.72	7.62	0.40	0.01	—	20.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	1.87	1.78	3.65	0.19	< 0.005	—	9.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.23	0.23	< 0.005	< 0.005	—	0.24
Total	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	0.85	0.81	1.66	0.09	< 0.005	—	4.46
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	3.40	3.24	6.64	0.35	0.01	—	17.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.64	0.61	1.25	0.07	< 0.005	—	3.35
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.91	3.72	7.62	0.40	0.01	—	20.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	1.87	1.78	3.65	0.19	< 0.005	—	9.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.23	0.23	< 0.005	< 0.005	—	0.24
Total	—	—	—	—	—	—	—	—	—	—	—	10.7	10.4	21.1	1.10	0.03	—	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	0.14	0.13	0.27	0.01	< 0.005	—	0.74
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	0.56	0.54	1.10	0.06	< 0.005	—	2.96
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.11	0.10	0.21	0.01	< 0.005	—	0.56

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.65	0.62	1.26	0.07	< 0.005	—	3.40
Supermarket	—	—	—	—	—	—	—	—	—	—	—	0.31	0.29	0.60	0.03	< 0.005	—	1.63
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.04	0.04	< 0.005	< 0.005	—	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	1.77	1.72	3.49	0.18	< 0.005	—	9.31

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	9.69	0.00	9.69	0.97	0.00	—	33.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	36.3	0.00	36.3	3.63	0.00	—	127
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	2.55	0.00	2.55	0.25	0.00	—	8.91
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	43.1	0.00	43.1	4.31	0.00	—	151

Superm	—	—	—	—	—	—	—	—	—	—	—	24.1	0.00	24.1	2.41	0.00	—	84.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	9.69	0.00	9.69	0.97	0.00	—	33.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	36.3	0.00	36.3	3.63	0.00	—	127
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	2.55	0.00	2.55	0.25	0.00	—	8.91
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	43.1	0.00	43.1	4.31	0.00	—	151
Superm arket	—	—	—	—	—	—	—	—	—	—	—	24.1	0.00	24.1	2.41	0.00	—	84.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	0.00	116	11.6	0.00	—	405
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	1.60	0.00	1.60	0.16	0.00	—	5.61

Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	6.02	0.00	6.02	0.60	0.00	—	21.0
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.48
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	7.13	0.00	7.13	0.71	0.00	—	25.0
Supermarket	—	—	—	—	—	—	—	—	—	—	—	3.99	0.00	3.99	0.40	0.00	—	13.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	19.2	0.00	19.2	1.91	0.00	—	67.0

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,240	1,240

Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.15	9.15
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.5	10.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,642	1,642
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,240	1,240
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.15	9.15
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.5	10.5
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,642	1,642

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,902	2,902
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market (24 hour)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	205	205
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.51	1.51
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.74	1.74
Supermarket	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	272	272
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	480	480

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	1/1/2025	1/14/2025	5.00	10.0	—
Grading	Grading	1/15/2025	2/11/2025	5.00	20.0	—
Building Construction	Building Construction	2/12/2025	10/1/2025	5.00	166	—
Paving	Paving	10/1/2025	10/28/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	8/15/2025	12/15/2025	5.00	87.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	11.9	LDA,LDT1,LDT2
Site Preparation	Vendor	—	9.10	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT

Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	11.9	LDA,LDT1,LDT2
Grading	Vendor	—	9.10	HHDT,MHDT
Grading	Hauling	12.4	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	11.2	11.9	LDA,LDT1,LDT2
Building Construction	Vendor	5.08	9.10	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.9	LDA,LDT1,LDT2
Paving	Vendor	—	9.10	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.23	11.9	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	9.10	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	46,458	15,486	19,613

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	15.0	0.00	—
Grading	1,984	0.00	1.50	0.00	—
Paving	0.00	0.00	0.00	0.00	7.50

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Convenience Market (24 hour)	0.00	0%
Fast Food Restaurant with Drive Thru	0.00	0%
Strip Mall	0.00	0%
Fast Food Restaurant with Drive Thru	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Supermarket	0.00	0%
Parking Lot	7.50	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O

2025	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Convenience Market (24 hour)	4,841	4,841	4,841	1,766,965	5,083	5,083	5,083	1,855,313
Fast Food Restaurant with Drive Thru	1,404	1,404	1,404	512,460	1,474	1,474	1,474	538,083
Strip Mall	286	286	286	104,390	300	300	300	109,610
Fast Food Restaurant with Drive Thru	1,521	1,521	1,521	555,165	1,597	1,597	1,597	582,923
High Turnover (Sit Down Restaurant)	720	720	720	262,800	756	756	756	275,940
Supermarket	713	713	713	260,245	749	749	749	273,257
Parking Lot	1,568	1,568	1,568	572,317	1,646	1,646	1,646	600,933

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	46,458	15,486	19,613

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Convenience Market (24 hour)	306,378	204	0.0330	0.0040	180,882
Fast Food Restaurant with Drive Thru	120,581	204	0.0330	0.0040	365,918
Strip Mall	39,204	204	0.0330	0.0040	38,815
Fast Food Restaurant with Drive Thru	114,438	204	0.0330	0.0040	347,275
High Turnover (Sit Down Restaurant)	269,752	204	0.0330	0.0040	818,594
Supermarket	405,585	204	0.0330	0.0040	239,452
Parking Lot	286,343	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Convenience Market (24 hour)	443,102	0.00
Fast Food Restaurant with Drive Thru	911,512	0.00
Strip Mall	333,326	0.00
Fast Food Restaurant with Drive Thru	865,071	0.00

High Turnover (Sit Down Restaurant)	2,039,139	0.00
Supermarket	976,161	0.00
Parking Lot	0.00	241,476

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Convenience Market (24 hour)	18.0	—
Fast Food Restaurant with Drive Thru	34.6	—
Strip Mall	4.73	—
Fast Food Restaurant with Drive Thru	32.8	—
High Turnover (Sit Down Restaurant)	79.9	—
Supermarket	44.7	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Convenience Market (24 hour)	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Convenience Market (24 hour)	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0

Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Supermarket	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Supermarket	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.2	annual days of extreme heat
Extreme Precipitation	3.80	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	47.0

AQ-PM	52.5
AQ-DPM	71.9
Drinking Water	68.8
Lead Risk Housing	21.7
Pesticides	78.1
Toxic Releases	21.0
Traffic	47.3
Effect Indicators	—
CleanUp Sites	22.6
Groundwater	53.1
Haz Waste Facilities/Generators	47.6
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	75.0
Cardio-vascular	84.2
Low Birth Weights	7.95
Socioeconomic Factor Indicators	—
Education	69.0
Housing	35.3
Linguistic	46.5
Poverty	63.8
Unemployment	39.2

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	46.55460028
Employed	66.08494803
Median HI	43.85987425
Education	—
Bachelor's or higher	17.25907866
High school enrollment	23.00782754
Preschool enrollment	57.19235211
Transportation	—
Auto Access	52.22635699
Active commuting	39.40716027
Social	—
2-parent households	29.88579494
Voting	55.20338766
Neighborhood	—
Alcohol availability	54.80559476
Park access	45.10458103
Retail density	36.14782497
Supermarket access	10.07314256
Tree canopy	62.6331323
Housing	—
Homeownership	54.20248941
Housing habitability	51.98254844
Low-inc homeowner severe housing cost burden	37.0973951
Low-inc renter severe housing cost burden	32.34954446
Uncrowded housing	48.81303734
Health Outcomes	—
Insured adults	50.93032208
Arthritis	0.0

Asthma ER Admissions	45.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	37.4
Cognitively Disabled	46.5
Physically Disabled	25.6
Heart Attack ER Admissions	32.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	47.4
Elderly	76.6
English Speaking	49.2
Foreign-born	38.8

Outdoor Workers	22.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	35.2
Traffic Density	48.5
Traffic Access	0.0
Other Indices	—
Hardship	58.1
Other Decision Support	—
2016 Voting	42.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0
Healthy Places Index Score for Project Location (b)	45.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	No demolition, longer construction period.
Construction: Dust From Material Movement	Info from client.
Construction: Off-Road Equipment	—
Operations: Vehicle Data	Trip gen per traffic study. Assumed 50% pass-by trips and 50% diverted trips; per traffic study, "The Maverik Gas Station project is not likely to increase VMT significantly as majority of the motorists would utilize the facility on their way to another destination."
Operations: Fleet Mix	Parking Lot = Truck Stop trips (assumed 100% HHD)
Land Use	Based on site plan.

APPENDIX C

CULTURAL RESOURCES STUDY



Maverik Lodi Environmental Project

Cultural Resources Technical Report

prepared for

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November 2024

RINCON CONSULTANTS, INC. SINCE 1994

Confidentiality

The following document contains sensitive and confidential information concerning archaeological sites. This report should be held confidential and is not for public distribution. Archaeological site locations are exempt from the California Public Records Act, as specified in Government Code 6254.10, and from the Freedom of Information Act (Exemption 3), under the legal authority of both the National Historic Preservation Act (PL 102-574, Section 304[a]) and the Archaeological Resources Protection Act (PL 96-95, Section 9[a]). Sections of this report contain maps and other sensitive information. Distribution should be restricted appropriately.

Please cite this report as follows:

Montgomery, C., E. Foster, D. Balam, A. Losco, J. Murphy, and N. Jordan

2024 *Maverik Lodi Environmental Project*. Rincon Consultants Project No. 21-11415. Report on file at the Central California Information Center, California State University Stanislaus, California.

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Appendix A California Historical Resources Information System Records Search Results
Appendix B Sacred Lands File Search Results
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Executive Summary

Kimley-Horn and Associates, Inc. retained Rincon Consultants, Inc. (Rincon) to prepare a cultural resources technical report for the Maverik Lodi project (project) in Lodi, San Joaquin County, California. The project site is 10 acres, located at 4872 E. Kettleman Lane (San Joaquin County Assessor Parcel Number 061-020-150-000). The project involves the construction of a convenience store (5,982 square feet) with 14 fueling areas and a small-scale commercial center (24,990 square feet) with all associated parking, landscaping, and utility elements. The project is subject to the California Environmental Quality Act (CEQA). The City of Lodi is the lead agency under CEQA.

This assessment included a cultural resources records search of the California Historical Resources Information System (CHRIS), a Sacred Lands File (SLF) search, archival and background research, a pedestrian survey, extended phase I (XPI) archaeological testing of the project site, and CEQA impacts analysis for cultural resources.

Background research identified a former single-family residence that appears on historical USGS maps from 1939 to 2016, field survey confirmed that the residence is no longer extant and the associated water pump, water feature, and other utilities are still extant within the project site. The XPI within the area of the resource, resulted in no subsurface archaeological deposits associated with the former single-family residence. Due to lack of potential significance and loss of historic integrity, the property was not evaluated for inclusion in the National Register of Historic Places (NRHP) or California Register of Historical Resources (CRHR). It is not considered a historical resource for the purposes of CEQA, and no additional work is recommended.

Further, while the archival research, records search, geologic unit and soil mapping, negative SLF results, and general disturbance of the project site from agricultural use and development indicate a low sensitivity for subsurface Native American archaeological resources, and the XPI failed to identify an archaeological deposit, the presence of a historic-period structure and historic-period use of the property suggest there is sensitivity for encountering subsurface historic-period archaeological deposits. Additionally, there is always the potential to encounter unanticipated archaeological resources during ground disturbing activities. Therefore, Rincon recommends measures for unanticipated discoveries during construction. As there are no historical resources identified within the project site, the project would result in ***no impact to historical resources*** pursuant to CEQA.

1 Introduction

Kimley-Horn and Associates, Inc. retained Rincon Consultants Inc. (Rincon) to conduct a cultural resources study for the Maverik Gas Station Project (project) in Lodi, San Joaquin County, California. This technical report documents the results of the study and tasks conducted by Rincon, specifically, a cultural resources records search, Sacred Lands File (SLF) search, archival and background research, field survey, and extended phase I (XPI) testing. This study has been completed pursuant to the requirements of the California Environmental Quality Act (CEQA) and City of Lodi General Plan policy C-P17. The City of Lodi (City) is the lead agency under CEQA.

1.1 Project Site and Description

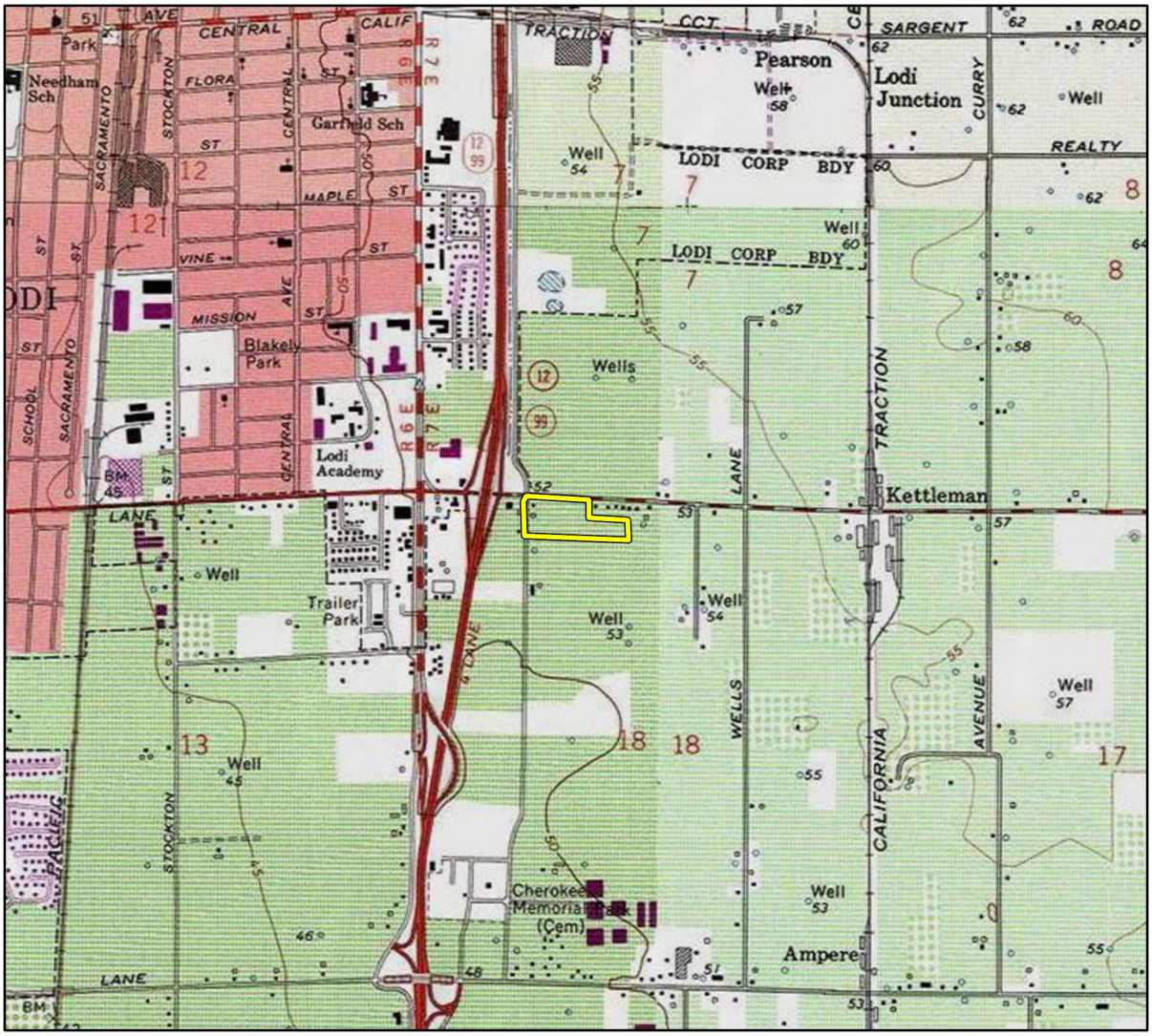
The project site is located on a 10-acre parcel at 4872 E. Kettleman Lane (Assessor's Parcel Number 061-020-150-000) in Lodi, San Joaquin County, California. The project encompasses portions of Section 18 of Township 3N, Range 7E on the *Lodi South*, *California* United States Geological Survey (USGS) 7.5-minute topographic quadrangle (Figure 1). The project site is bounded by commercial development to the north, agricultural fields to the south, and single-family residences to the east and west, with California State Route 99 (SR 99) 0.09 mile to the west (Figure 2).

The following project description has been adapted from information provided by Kimley-Horn on November 19, 2024. The project proposes the construction of a convenience store (5,982 square feet) with 14 fueling areas and a small-scale commercial center (24,990 square feet). To prevent leaks, double walled noncorrodible fiberglass underground storage tanks that are hooked up to non-corrodible flexible plastic piping will be installed along with a vapor recovery system to prevent fumes from escaping into the air. The development will provide fueling, packaged beer and wine sales, as well as fresh food items. Restroom facilities will be open to the public. The store will operate 24 hours a day, 7 days a week. The building elevations, building materials and floor plan depict the architectural style and themes of the Maverik brand. The project also includes extending Beckman Road East from the intersection with Kettleman Lane, south to the project southern boundary. From this road extension, the proposed Maverik station will have two full access driveways, and the commercial center will have two full access driveways. The Maverik station is also proposed to have one right in/right out access on Kettleman Lane and two full access driveways on existing Beckman Road along the project's western boundary. Adequate on-site parking with ADA parking is located for each proposed building. Bike parking is available near the entrances of buildings. The exterior of the building and fuel canopies will be consistent, with metal roof elements, fiber cement, cultured stone, glass storefront, steel truss beams, etc. HVAC equipment will be situated on the store roof and screened from view by a parapet wall and is consistent with code requirements for screening roof mounted mechanical equipment and blending in with the surrounding community. Landscaping will be provided adjacent to all rights-of-way and buffers around the edges of the property and seating will be incorporated near the buildings. City water, sewer, and storm water utilities are adjacent or near the site and will be incorporated into the design. Signage will comply with code and is designed for visibility and minimum impact to the existing adjacent uses. Other improvements include a left turn lane on East Kettleman Lane into the project site at Beckman Road East in addition to a right turn lane on East Kettleman Lane at Beckman Road. Furthermore, the project would include two crosswalks: one across Beckman Road along East Kettleman Lane and one across East Kettleman Lane at Beckman Road East.

1.2 Personnel

Rincon Archaeologist and Project Manager Elaine Foster, MA, Registered Professional Archaeologist (RPA) served as the project manager for this cultural resources study and is a contributing author of this report. Ms. Foster and Rincon senior archaeologist Heather Blind, MA, RPA, conducted the test excavations for this study. Rincon archaeologist Courtney Montgomery, MA, conducted project management, requested the records search and sacred lands file search, conducted the field survey, and is the primary author of this report. Archaeologist Debbie Balam reviewed historical topographic maps and aerial imagery for this assessment. Architectural Historian Ashley Losco, MHP, prepared the historical background setting. Geographic Information Systems Analyst Erik Holtz prepared the figures found in this report. Principal Nichole Jordan, MA, RPA, reviewed this report for quality control. Ms. Montgomery, Ms. Foster, Ms. Blind, and Ms. Jordan meet the Secretary of the Interior's Professional Qualifications Standards for archeology and history (National Park Service 1983).

Figure 1 Regional Location



Basemap provided by National Geographic Society, Esri and their licensors © 2024. Lodi South Quadrangle. T03N R07E S18. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

21-11415 CR
Fig 1 Regional Location Topo

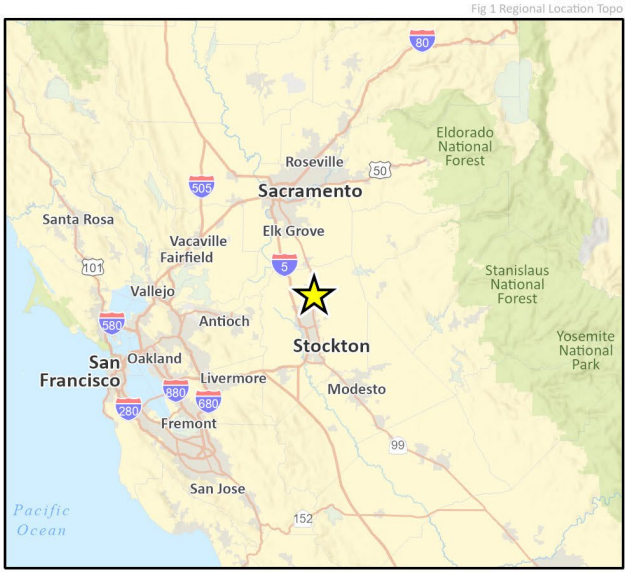
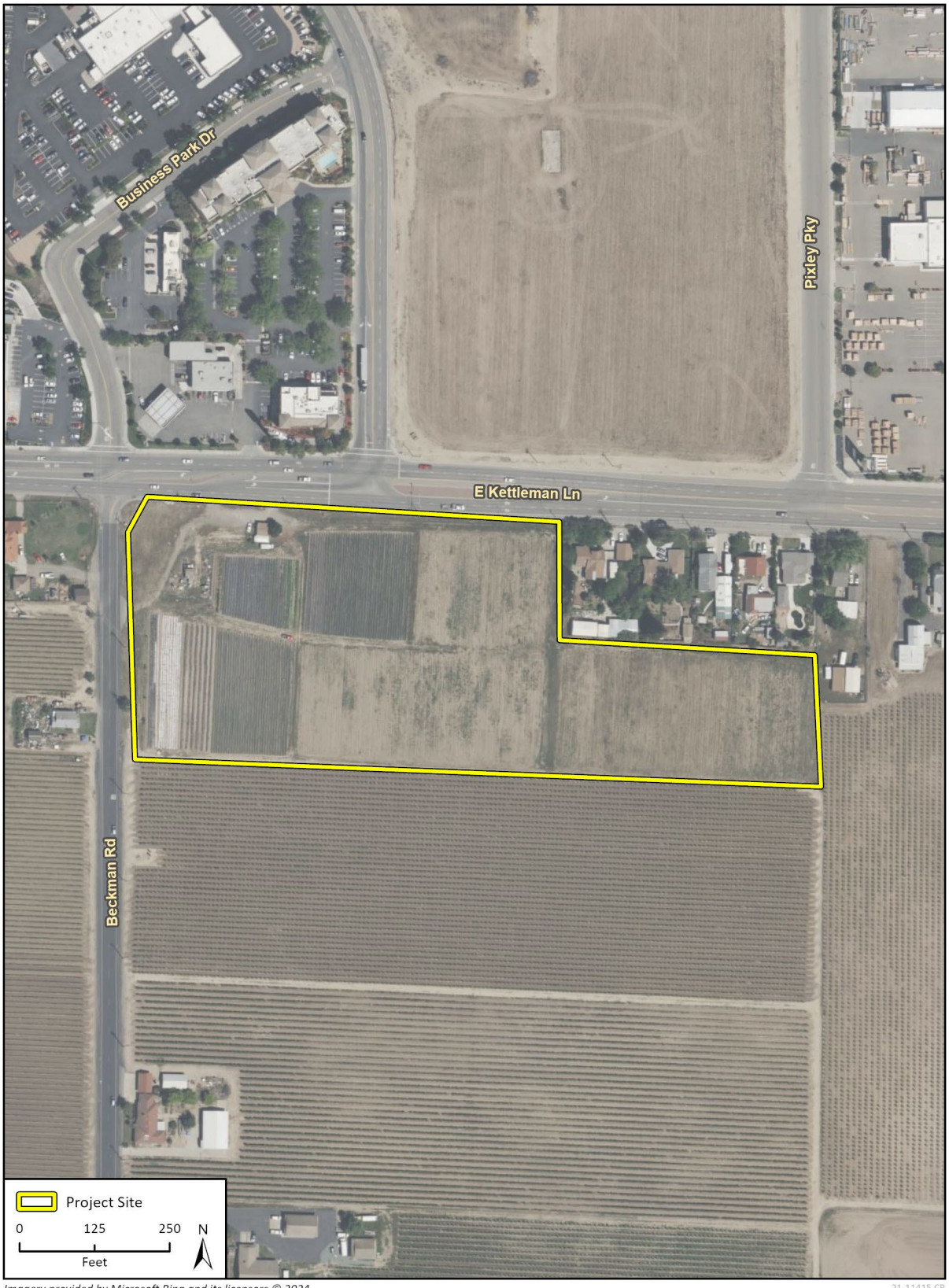


Figure 2 Project Site



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21-11415 CR
Fig 2 Project Location Aerial

2 Regulatory Setting

This section includes a discussion of the applicable state and local laws, ordinances, regulations, and standards governing cultural resources, which must be adhered to before and during implementation of the project.

2.1 California Environmental Quality Act

California Public Resources Code (PRC) Section 21084.1 requires lead agencies determine if a project could have a significant impact on historical or unique archaeological resources. As defined in PRC Section 21084.1, a historical resource is a resource listed in, or determined eligible for listing in, the California Register of Historical Resources (CRHR), a resource included in a local register of historical resources or identified in a historical resources survey pursuant to PRC Section 5024.1(g), or any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant. PRC Section 21084.1 also states resources meeting the above criteria are presumed to be historically or cultural significant unless the preponderance of evidence demonstrates otherwise. Resources listed in the National Register of Historic Places (NRHP) are automatically listed in the CRHR, as are California Historical Landmarks 770 and above; both are therefore historical resources under CEQA. Historical resources may include eligible built environment resources and archaeological resources of the precontact or historic periods.

CEQA Guidelines Section 15064.5(c) provides further guidance on the consideration of archaeological resources. If an archaeological resource does not qualify as a historical resource, it may meet the definition of a “unique archaeological resource” as identified in PRC Section 21083.2. PRC Section 21083.2(g) defines a unique archaeological resource as an artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria: 1) it contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information, 2) has a special and particular quality such as being the oldest of its type or the best available example of its type, or 3) is directly associated with a scientifically recognized important prehistoric or historic event or person.

If an archaeological resource does not qualify as a historical or unique archaeological resource, the impacts of a project on those resources will be less than significant and need not be considered further (CEQA Guidelines Section 15064.5[c][4]). CEQA Guidelines Section 15064.5 also provides guidance for addressing the potential presence of human remains, including those discovered during the implementation of a project.

According to CEQA, an impact that results in a substantial adverse change in the significance of a historical resource is considered a significant impact on the environment. A substantial adverse change could result from physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the historical resource would be materially impaired (CEQA Guidelines Section 15064.5 [b][1]). Material impairment is defined as demolition or alteration in an adverse manner [of] those characteristics of a historical resource that convey its historical significance and that justify its inclusion in, or eligibility for inclusion in, the CRHR or a local register (CEQA Guidelines Section 15064.5[b][2][A]).

If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that resources cannot be left undisturbed, mitigation measures are required (PRC Section 21083.2[a][b]).

The requirements for mitigation measures under CEQA are outlined in CEQA Guidelines Section 15126.4(a)(1). In addition to being fully enforceable, mitigation measures must be completed within a defined time period and be roughly proportional to the impacts of the project. Generally, a project which is found to comply with the Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings (the Standards) is considered to be mitigated below a level of significance (CEQA Guidelines Section 15126.4 [b][1]). For historical resources of an archaeological nature, lead agencies should also seek to avoid damaging effects where feasible. Preservation in place is the preferred manner to mitigate impacts to archaeological sites; however, data recovery through excavation may be the only option in certain instances (CEQA Guidelines Section 15126.4[b][3]).

2.1.1 National Register of Historic Places

Although the project does not have a federal nexus, properties which are listed in or have been formally determined eligible for listing in the NRHP are automatically listed in the CRHR. The following is therefore presented to provide applicable regulatory context. The NRHP was authorized by Section 101 of the National Historic Preservation Act and is the nation's official list of cultural resources worthy of preservation. The NRHP recognizes the quality of significance in American, state, and local history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects. Per 36 CFR Part 60.4, a property is eligible for listing in the NRHP if it meets one or more of the following criteria:

Criterion A: Is associated with events that have made a significant contribution to the broad patterns of our history

Criterion B: Is associated with the lives of persons significant in our past

Criterion C: Embodies the distinctive characteristics of a type, period, or method of installation, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction

Criterion D: Has yielded, or may be likely to yield, information important in prehistory or history

In addition to meeting at least one of the above designation criteria, resources must also retain integrity. The National Park Service recognizes seven aspects or qualities that, considered together, define historic integrity. To retain integrity, a property must possess several, if not all, of these seven qualities, defined as follows:

Location: The place where the historic property was constructed or the place where the historic event occurred

Design: The combination of elements that create the form, plan, space, structure, and style of a property

Setting: The physical environment of a historic property

Materials: The physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property

Workmanship: The physical evidence of the crafts of a particular culture or people during any given period in history or prehistory

Feeling: A property's expression of the aesthetic or historic sense of a particular period of time

Association: The direct link between an important historic event or person and a historic property

Certain properties are generally considered ineligible for listing in the NRHP, including cemeteries, birthplaces, graves of historical figures, properties owned by religious institutions, relocated structures, or commemorative properties. Additionally, a property must be at least 50 years of age to be eligible for listing in the NRHP. The National Park Service states that 50 years is the general estimate of the time needed to develop the necessary historical perspective to evaluate significance (National Park Service 1997:41). Properties which are less than 50 years must be determined to have "exceptional importance" to be considered eligible for NRHP listing.

2.1.2 California Register of Historical Resources

The CRHR was established in 1992 and codified by PRC Sections 5024.1 and Title 14 Section 4852. The CRHR is an authoritative listing and guide to be used by state and local agencies, private groups, and citizens in identifying the existing historical resources of the state and to indicate which resources deserve to be protected, to the extent prudent and feasible, from substantial adverse change (Public Resources Code, 5024.1(a)). The criteria for eligibility for the CRHR are consistent with the NRHP criteria but have been modified for state use in order to include a range of historical resources that better reflect the history of California (Public Resources Code, 5024.1(b)). Unlike the NRHP however, the CRHR does not have a defined age threshold for eligibility; rather, a resource may be eligible for the CRHR if it can be demonstrated sufficient time has passed to understand its historical or architectural significance (California Office of Historic Preservation 2011). Furthermore, resources may still be eligible for listing in the CRHR even if they do not retain sufficient integrity for NRHP eligibility (California Office of Historic Preservation 2011). Generally, the California Office of Historic Preservation recommends resources over 45 years of age be recorded and evaluated for historical resources eligibility (California Office of Historic Preservation 1995:2).

A property is eligible for listing in the CRHR if it meets one of more of the following criteria:

Criterion 1: Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage

Criterion 2: Is associated with the lives of persons important to our past

Criterion 3: Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values

Criterion 4: Has yielded, or may be likely to yield, information important in prehistory or history

2.1.3 California Assembly Bill 52 of 2014

As of July 1, 2015, Assembly Bill (AB) 52 was enacted and expands CEQA by defining a new resource category, "tribal cultural resources". AB 52 establishes, "a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment" (PRC Section 21084.2). It further states the CEQA lead agency shall establish measures to avoid impacts that would alter the significant characteristics of a tribal cultural resource, when feasible (PRC Section 21084.3).

PRC Section 21074 (a)(1)(A) and (B) define tribal cultural resources as "sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe" and that meets at least one of the following criteria, as summarized in CEQA Guidelines Appendix G:

1) Listed or eligible for listing in the CRHR, or in a local register of historical resources as defined in PRC Section 5020.1(k)
2) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1. In applying these criteria, the lead agency shall consider the significance of the resource to a California Native American tribe.

AB 52 also establishes a formal consultation process with California Native American tribes that must be completed before a CEQA document can be certified. Under AB 52, lead agencies are required to "begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project." California Native American tribes to be included in the process are those that have requested notice of projects proposed within the jurisdiction of the lead agency.

2.2 California Health and Safety Code

Section 7050.5 of the California Health and Safety Code states that in the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the coroner of the county in which the remains are discovered has determined if the remains are subject to the Coroner's authority. If the human remains are of Native American origin, the coroner must notify the NAHC within 24 hours of this identification.

2.3 California Public Resources Code §5097.98

Section 5097.98 of the California Public Resources Code states that the NAHC, upon notification of the discovery of Native American human remains pursuant to Health and Safety Code §7050.5, shall immediately notify those persons (i.e., the Most Likely Descendant [MLD]) that it believes to be descended from the deceased. With permission of the landowner or a designated representative, the MLD may inspect the remains and any associated cultural materials and make recommendations for treatment or disposition of the remains and associated grave goods. The MLD shall provide recommendations or preferences for treatment of the remains and associated cultural materials within 48 hours of being granted access to the site.

2.4 Local Regulations

2.4.1 City of Lodi General Plan

The City of Lodi General Plan, adopted in 2010, includes goals and polices relating to cultural resources. The Conservation Element of the General Plan includes three policies relating to cultural resources (City of Lodi 2010). The policies identified in the general plan include:

Policies

C-P17 For future development projects on previously un-surveyed lands, require a project applicant to have a qualified archeologist conduct the following activities: (1) conduct a record search at the Central California Information Center at the California State University, Stanislaus, and other appropriate historical repositories, (2) conduct field surveys where appropriate and required by law, and (3) prepare technical reports, where appropriate, meeting California Office of Historic Preservation Standards (Archeological Resource Management Reports).

C-P18 In the event that archaeological/paleontological resources are discovered during site excavation, the City shall require that grading and construction work on the project site be suspended until the significance of the features can be determined by a qualified archaeologist/ paleontologist. The City will require that a qualified archeologist/ paleontologist make recommendations for measures necessary to protect any site determined to contain or constitute an historical resource, a unique archaeological resource, or a unique paleontological resource or to undertake data recovery, excavation, analysis, and curation of archaeological/paleontologist materials. City staff shall consider such recommendations and implement them where they are feasible in light of project design as previously approved by the City.

C-P19 If any human remains are discovered or recognized in any location on the project site, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until:

- The San Joaquin County Coroner/Sheriff has been informed and has determined that no investigation of the cause of death is required; and
- If the remains are of Native American origin: (1) the descendants of the deceased Native Americans have made a timely recommendation to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98, or (2) The Native American Heritage Commission was unable to identify a descendant or the descendant failed to make a recommendation within 24 hours after being notified by the commission.

3 Natural and Cultural Setting

This section provides background information pertaining to the natural and cultural context of the project site. It places the project site within the broader natural environment which has sustained populations throughout history. This section also provides an overview of regional indigenous history, local ethnography, and post-contact history. This background information describes the distribution and type of cultural resources documented within the vicinity of the project site to inform the cultural resources sensitivity assessment and the context within which the project site has been evaluated.

3.1 Natural Setting

The project site lies in the Central Valley at an approximate elevation of 17 meters (56 feet) above mean sea level. The nearest freshwater source is Mokelumne River, approximately 2 miles to the north of the project site. None of the immediately surrounding area retains its natural setting, and the project site has been continuously used for agricultural purposes since at least the 1950s. The project site is surrounded by urban and agricultural developments, including hotels and restaurants in the city of Lodi to the north, agricultural fields to the south, residences in the city of Lodi to the east, and an individual residence with associated agricultural field to the west. Vegetation within the project site consists of dried and overgrown grasses, trees, active crops, and abandoned grape trellis'. Wildlife within the project site and surrounding area consists of crows, house finch, lizards, squirrels, and various insects.

3.2 Cultural Setting

3.2.1 Indigenous History

The project site is located in the Central Valley archaeological region, specifically the Delta subregion, as defined by Moratto (1984). The Central Valley has been described as one of the largest intermontane basins extending 650 kilometers from the Siskiyou Mountains to the Tehachapis (Rosenthal et al. 2007). The Delta subregion is generally identified between Elk Grove to the north, Ripon to the south, Ione to the east, and Concord to the west (Moratto 1984).

No single chronological framework covers the entirety of the Central Valley, but California prehistory is generally divided into three broad time periods: the Paleoindian period (ca. 11,550 to 8550 BCE), the Archaic Period (8550 BCE to CE 1100) and the Emergent Occupation (CE 1000-European Contact) (Fredrickson 1973, 1974) which has been updated and adjusted by Rosenthal et al. (2007) to further separate the Archaic Period into Lower (8550 BCE to 5550 BCE), Middle (5550 BCE to 550 BCE), and Upper (550 BCE to CE 1100). The prehistoric chronological sequence for the Central Valley presented below is based on Rosenthal et al. (2007) and Moratto (1984).

Paleoindian Period (11,550 to 8550 BCE)

Little is currently known about the Paleoindian period in the Central Valley. Geoarchaeological studies have demonstrated that erosion and deposition have buried or destroyed early archaeological deposits. This period is primarily represented by isolated finds, and currently, the earliest accepted date of human occupation in the Central Valley ranges from 11,550 to 9550 BCE

and comes from fluted projectile points similar to Clovis points found at prehistoric sites near Tracy Lake (San Joaquin County) and the Tulare Lake Basin (Fresno, Kings, Kern, and Tulare Counties). Along with fluted projectile points, concave base points have been identified along the Tulare Lake shoreline which was occupied during the Late Pleistocene (5.3 million years ago to 11,700 BCE) (Rosenthal et al. 2007).

Lower Archaic (8550 to 5550 BCE)

Climate change at the end of the Pleistocene caused significant periods of alluvial deposition beginning around 9050 BCE. These new alluvial deposits created a clear stratigraphic boundary between the Late Pleistocene and Holocene sediments. The Lower Archaic, like the Paleoindian Period, is represented mainly by limited isolated finds. However, one Lower Archaic site (CA-KER-116) has been identified in the Central Valley proper and few in the foothills surrounding the valley (Rosenthal et al. 2007).

Typical Lower Archaic artifacts include flaked stone crescents and stemmed points. The identification of projectile points and a diverse faunal assemblage at CA-KER-116 indicate hunting was an important subsistence activity. However, milling tools and plant remains are largely absent in the valley; thus, plant use during the Lower Archaic remains unclear. Several foothill sites contain milling implements and evidence of the use of nut crops such as acorn and pine (Pryor and Wisman 1991). The relationship between foothill and valley floor adaptations is largely unknown during the Lower Archaic; however, it is suggested that the foothill sites may have been seasonally used during this time. More distinct adaptations are apparent in the Middle Archaic, and it is possible that these divergent traditions first emerged in the Lower Archaic (Rosenthal et al. 2007).

Middle Archaic (5550 to 550 BCE)

The Middle Archaic began with substantial climate change to much warmer, drier conditions. Tulare Lake shrank and eventually disappeared. With this came new wetlands which created new habitats, and rising sea levels led to the creation of the Sacramento-San Joaquin Delta, creating new deposits. Fans and floodplains stabilized after an initial period of deposition in 5550 BCE. Archaeological deposits dating to the Middle Archaic are rare in the Central Valley proper due to these geomorphic changes. The Middle Archaic archaeological record has identified a pattern of organized subsistence strategies and increased residential stability. The archetypal pattern of the Middle Archaic has been identified as the Windmiller Pattern. This pattern is represented by extended burials oriented to the west and a sophisticated material culture (Rosenthal et al. 2007). Middle Archaic sites are relatively common in the foothills surrounding the Central Valley and show relatively little change from the Lower Archaic (McGuire 1995).

During this time, the mortar and pestle became more widespread suggesting a shift toward more intensive subsistence practices and higher reliance on the acorn. Fishing technologies, such as bone gorges, hooks, and spears, also appear during the Middle Archaic suggesting a new focus on fishing, especially in the Marsh Creek area. Several other technologies become apparent during this time. Baked-clay impressions of twined basketry, simple pottery, and other baked clay objects have been found at several sites. Personal adornment items also become more frequent. Exchange with outside groups is evidenced by the presence of obsidian, shell beads and ornaments (Rosenthal et al. 2007, Moratto 1984, Burns et al. 2016). Trade also seemed to be focused on utilitarian items such as obsidian or finished obsidian tools from at least five separate sources (Moratto 1984).

Upper Archaic (550 BCE to CE 1100)

The Upper Archaic began with the onset of the Late Holocene, marked by a cooler, wetter climate. The environmental conditions of the Upper Archaic were characterized by the return of lakes that had disappeared during the Middle Archaic and a renewed fan and floodplain deposition. The Upper Archaic is better represented in the archaeological record than earlier periods. Cultural diversity was more pronounced and is marked by contrasting material cultures throughout the valley (Rosenthal et al. 2007).

During this period, numerous specialized technologies were developed such as bone tools, and implements, Olivella and Haliotis beads and ornaments, ceremonial blades, and ground-stone plummets. People living in the San Joaquin Valley region traded with neighboring groups for obsidian. The Upper Archaic period economies varied by region throughout the Central Valley. Economies were primarily focused on seasonal resources such as acorns, salmon, shellfish, rabbits, and deer (Rosenthal et al. 2007).

Emergent Occupation (CE 1000 to Historic)

The stable climatic conditions of the Upper Archaic continued into the Emergent Period. There has been sporadic research in the San Joaquin Valley on this time period, and thus only the Pacheco Complex lithics on the western edge of the valley has been formally defined. After CE 1000, many of the technologies used during the Archaic disappeared to be replaced by cultural traditions used during European contact. During the Emergent Period, the bow and arrow replaced the atlatl as the preferred hunting method sometime between CE 1000 and 1300.

Increased social complexity is evidenced by increased variation in burial types and burial items and larger residential communities. Burial items such as shell beads, ornaments, and ritually “killed” mortars and pestles are often found in burials. Pottery was frequently obtained through trade with groups living in the foothills to the east. The Panoche side-notched point became important in the western side of the San Joaquin Valley (Rosenthal et al. 2007). In addition to the side-notched point, the Panoche Complex featured large circular structures, flexed burials, marine shell beads, bone awls, millingstones, and mortars and pestles (Moratto 1984).

As with the Archaic Period, Emergent Period economies varied geographically, and as seen through the archaeological record, fishing and plant harvesting increased in importance. Most Emergent residential sites contain diverse assemblages of mammal and bird remains and large amounts of fish bone. One thousand years ago, the mortar and pestle become the dominant tool type and small seeds increased in archaeological deposits over time (Rosenthal et al. 2007).

3.2.2 Ethnographic Setting

The project site lies within the traditional territory of the Miwok. The three geographical divisions of the Miwok are the Coast Miwok, Lake Miwok and Interior Miwok. The project site is associated specifically with the Interior Miwok, whom ethnographers further divided into the Plains Miwok and the Sierra Miwok (Kroeber 1925, Levy 1978). The primary differences recorded between the Interior and Sierra Miwok are language, topographic area, and ecological context. The traditional territory of the Interior Miwok is bordered by the Yokuts to the south, the Maidu to the north, the Washo to the east, and the Patwin to the west. The Interior Miwok associated with the Calaveras River region in the vicinity of the project site are the Muqueleme tribelet, a large Miwok group friendly with their Yokuts neighbors to the south. The closest recorded Native American village to the project site is the

Calaveras River crossing at Bellota, where a Muqueleme community lived in 1852 after the secularization of the missions (Bennyhoff 1977).

Miwok settlements typically included thatched, conical houses and semi-subterranean earth-covered dwellings in winter, constructed by higher status families. Houses generally had a central hearth and an earth oven for cooking purposes. Large, semi-subterranean assembly houses were constructed for use as a ritual and social gathering place. In summer, a circular brush hut was constructed for use in mourning ceremonies. Other structures included sweathouses for curing disease and purification prior to hunting, small conical structures used by menstruating women, and grinding houses built over bedrock mortars to permit food processing in inclement weather. Acorn granaries were constructed for long-term acorn storage (Kroeber 1925, Levy 1978).

Ethnographers characterized Miwok social organization by the moiety pattern, with all living things belonging to one of two categories: land and water. Moieties typically married outside their own groups which played an important role in many ceremonies (Levy 1978). On the other hand, political organization centered on small tribelets of approximately 300 to 500 people and several distinct settlements. A chief headed each tribelet, and a representative of the chief of each settlement had oversight of local affairs. Chiefs acted as advisors and managed use of natural resources by preventing trespassing on tribelet territory and determining the appropriate time to begin the acorn harvest each season. The chief also arbitrated any disputes and sanctioned the punishment of criminal offenders (Kroeber 1925, Levy 1978).

Traditional Miwok artistry includes twined and coiled basketry, usually from willow and redbud trees. Other activities include the manufacturing of tule mats used as floor covering, woven blankets often made of rabbit skin strips, or feathers attached to cordage woven from plant fibers. Tule balsa rafts were used to navigate rivers and sloughs (Levy 1978).

Traditional Miwok subsistence practices include the use of acorns and other seeds as primary plant food sources and on hunting of mule deer, tule elk, pronghorn antelope, and various species of waterfowl. Hunting typically included a sinew-backed bow and arrow. Fishing, a particularly important activity for Miwok subsistence, would have primarily utilized various types of nets; Seines would be used in large rivers and sloughs where the pace of water flow was slow, while hook and line would be typical for sturgeon, and harpoons for salmon (Levy 1978).

Records of exploitation of the Interior Miwok people by the Mission San José begin as early as 1811 (Levy 1978). Several triblets of Plains Miwok engaged in armed resistance in the 1820s and 1830s in attempts to resist missionization. As a direct result of the establishment of the mission system, the Interior Miwok population dramatically declined. Despite this, the Interior Miwok continue to populate Amador, San Joaquin, and Calaveras counties and surrounding areas (California Valley Miwok Tribe 2023, Ione Band of Miwok Indians 2023).

3.2.3 Post-Contact Setting

Post-contact history for the state of California is generally divided into three periods: the Spanish Period (1769 to 1822), Mexican Period (1822 to 1848), and American Period (1848 to present). Although Spanish, Russian, and British explorers visited the area for brief periods between 1529 and 1769, the Spanish Period in California begins with the establishment in 1769 of a settlement at San Diego and the founding of Mission San Diego de Alcalá, the first of 21 missions constructed between 1769 and 1823. Independence from Spain in 1821 marks the beginning of the Mexican Period, and the signing of the Treaty of Guadalupe Hidalgo in 1848, ending the Mexican-American War, signals the beginning of the American Period when California became a territory of the United States.

Spanish Period (1769-1822)

Spanish explorers made sailing expeditions along the coast of California between the mid-1500s and mid-1700s. Juan Rodriguez Cabrillo in 1542 led the first European expedition to observe what was known by the Spanish as Alta (upper) California. For more than 200 years, Cabrillo and other Spanish, Portuguese, British, and Russian explorers sailed the Alta California coast and made limited inland expeditions, but they did not establish permanent settlements (Bean 1968, Rolle 2003). The Spanish crown laid claim to Alta California based on the surveys conducted by Cabríllo and Vizcaíno (Bancroft 1885, Gumprecht 1999).

By the eighteenth century, Spain developed a three-pronged approach to secure its hold on the territory and counter against other foreign explorers. The Spanish established military forts known as presidios, as well as missions and pueblos (towns) throughout Alta California. The 1769 overland expedition by Captain Gaspár de Portolá marks the beginning of California's Historic Period, occurring just after the King of Spain installed the Franciscan Order to direct religious and colonization matters in assigned territories of the Americas. Construction of missions and associated presidios was a major emphasis during the Spanish Period in California to integrate the Native American population into Christianity and communal enterprise.

Although no missions were located near the project site, baptismal records indicate that Yokuts and Miwok speakers comprised a significant portion of the populations at Mission San José (founded in 1797) (Milliken et al. 2009). Having already destabilized coastal populations, the missions attempted to replenish their neophyte populations with Native groups living further inland (Sandos and Sandos 2014). Many fled the missions and sought shelter in California's interior regions, including the greater Central Valley (Arkush 1993, Bennyhoff 1977). Concurrently, some Native American groups began raiding Spanish properties and seizing livestock, leading to the spread of ranching practices outside of the missions' control. Despite efforts to push occupation inland, the Spanish never gained control of the Sacramento or San Joaquin Valleys (Arkush 1993).

Spain began making land grants in 1784, typically to retiring soldiers, although the grantees were only permitted to inhabit and work the land. The land titles technically remained property of the Spanish king (Livingston 1914).

Mexican Period (1822-1848)

Several factors kept growth within Alta California to a minimum, including the threat of foreign invasion, political dissatisfaction, and unrest among the indigenous population. After more than a decade of intermittent rebellion and warfare, New Spain won independence from Spain in 1821. In 1822, the Mexican legislative body in California ended isolationist policies designed to protect the Spanish monopoly on trade, and decreed California ports open to foreign merchants (Hackel 1997).

Extensive land grants were established in the interior during the Mexican Period, in part to increase the population inland from the more settled coastal areas where the Spanish had first concentrated their colonization efforts. The secularization of the missions following Mexico's independence from Spain resulted in the subdivision of former mission lands and establishment of many additional ranchos. Commonly, former soldiers and well-connected Mexican families were the recipients of these land grants, which now included the title to the land. While no ranchos were established within the vicinity of the project site, Mexican influence into California's interior was felt through military incursions and the continued coercion of the missions. From 1825 to 1828, the population of Mission San José was bolstered by the addition of neophytes from the Quenemsias, Guaypems, Cosomnes, and Chilamnes Miwok groups of the northern Delta and upper Calaveras River. In 1828,

the Laquisemnes Miwoks of the lower Stanislaus River with various Yokuts groups to resist Mexican control; this uprising was ended by a Mexican military victory in June 1829 (Milliken et al. 2009).

The largest land grants in the California interior were awarded to John Sutter, a German Swiss immigrant who became a Mexican citizen. In 1839, he established a cattle ranch and farm called New Helvetia, headquartered at Sutter's Fort at the divergence of the Sacramento and American Rivers (Bean 1968). During the same period, fur trappers began to explore the area. The first American trapper to come to California, Jedidiah Smith, explored the Sierra Nevada before arriving in the Sacramento Valley in 1827, and traveled along the American and Consumnes rivers, as well as through the San Joaquin Valley.

During the supremacy of the ranchos (1834 to 1848), landowners largely focused on the cattle industry and devoted large tracts to grazing. Cattle hides became a primary Southern California export, providing a commodity to trade for goods from the east and other areas in the United States and Mexico. The number of nonnative inhabitants increased during this period because of the influx of explorers, trappers, and ranchers associated with the land grants. The rising California population contributed to the introduction and rise of diseases foreign to the Native American population, who had no associated immunities. By 1833, an epidemic of malaria reached the San Joaquin Valley, with the disease potentially spread to the region by Hudson's Bay Company fur trappers entering the area in search of beaver and otter pelts (Kyle 2002, Arkush 1993).

American Period (1848- Present)

The United States went to war with Mexico in 1846. During the first year of the war, John C. Fremont traveled from Monterey to Los Angeles with reinforcements for Commodore, Stockton, and evaded Californian soldiers in Santa Barbara's Gaviota Pass by taking the route over the San Marcos grade instead (Kyle 2002). The war ended in 1848 with the Treaty of Guadalupe Hidalgo, ushering California into its American Period.

California officially became a state with the Compromise of 1850, which also designated Utah and New Mexico (with present-day Arizona) as United States territories (Waugh 2003). Horticulture and livestock, based primarily on cattle as the currency and staple of the rancho system, continued to dominate the Southern California economy through 1850s. The discovery of gold in the northern part of the state led to the Gold Rush beginning in 1848, and with the influx of people seeking gold, cattle were no longer desired mainly for their hides but also as a source of meat and other goods. By the 1850s, prospectors had rushed to stake claims along Calaveras River, with some of the most sizable immigrant ethnic groups including Chinese, Chilean, Mexican, and French miners (Chan 2000, Rohe 1996). Miwok and Yokuts populations were further destabilized by the upswell of prospectors. Violent encroachment from settlers and forced displacement led to the abandonment of Native villages along the Calaveras and Mokelumne Rivers by the turn of the century, with communities predominately moving to the Buena Vista and Ione areas of Amador County (Bennyhoff 1977).

Local History

The following has been excerpted from the City of Lodi's General Plan:

> Lodi began in 1869 as the Town of Mokelumne, founded by the Central Pacific Railroad. The railroad connected Lodi with Sacramento to the north and Oakland and Stockton to the south, and the town was laid out parallel to the tracks. To avoid confusion with Mokelumne Hills and Mokelumne City, the townspeople changed the name to Lodi in 1874.

Local industries, such as the Lodi Flouring Mill, and agriculture promoted further growth in the area. The Ivory Store, at the corner of Pine and Sacramento streets, was established in 1869, and other merchants soon followed with their businesses. Access to rail transportation allowed crops and products to be transported throughout the country. Wheat and watermelons were the predominant crops throughout the nineteenth century.

In 1885, Japanese immigrants settled the area to work on ranches. Over time, they purchased land and grew grapes. In the late 1890s German nationals settled Lodi and also participated in the grape industry. Flame Tokay grapes were first planted in the area in the late nineteenth century and by 1900, Lodi had over two million grape vines. In 1906, the City was incorporated, and held its first Tokay Carnival the next year, which would later evolve into the Lodi Grape Festival. The Lodi Arch, which covers the gateway entrance to downtown, was built to commemorate the first Grape Festival in 1934.

Over the following century, Lodi grew from a population of 2,000 to over 60,000. In 1912 Lodi's first City Hall/fire station was built on Main Street. The current City Hall building was dedicated in 1928. In 1913, the Lodi Union High School opened for classes, and in 1919, entrepreneur Roy Allen brewed and sold his first batch of A&W Root beer in Lodi. Local farmers and wineries weathered the Prohibition Era well, growing grapes and shipping them out in secret for wine making. In 1956 the Federal Government officially acknowledges Lodi as a wine grape growing district. The City's continued growth led to the creation of numerous schools and public utilities and services throughout the second half of the twentieth century. Since the mid-1990s, the City has been involved in numerous restoration projects for its historic resources throughout the city, including the City Hall, the Lodi Arch, and the Southern Pacific Lodi Train Station (City of Lodi 2010).

4 Methods

This section presents the methods for each task completed during the preparation of this study.

4.1 Background and Archival Research

4.1.1 Archival Research

Rincon completed background and archival research in support of this study in June and July 2024. A variety of primary and secondary source materials were consulted. Sources included, but were not limited to, historical maps, aerial photographs, and written histories of the area. The following sources were utilized to develop an understanding of the project site and its context:

- Historical aerial photographs accessed via NETR Online
- Historical U.S. Geological Survey topographic maps via TopoViewer
- Geologic Maps via USGS National Geologic Map Database
- United States Department of Agriculture Web Soil Survey

4.1.2 California Historical Resources Information System Records Search

On June 19, 2024, Rincon received California Historical Resources Information System (CHRIS) records search results (records search number 12964L) from the Central California Information Center (CCIC) (Appendix A). The CCIC is the official state repository for cultural resources records and reports for San Joaquin County. The purpose of the records search was to identify previously recorded cultural resources, as well as previously conducted cultural resources studies within the project site and a 0.5-mile radius surrounding it. Rincon also reviewed the NRHP, the CRHR, the California Historical Landmarks list, the Built Environment Resources Directory, as well as its predecessor the California State Historic Property Data File, and the Archaeological Determination of Eligibility list.

4.1.3 Sacred Lands File Search

Rincon contacted the NAHC on June 12, 2024, to request a search of the Sacred Lands File (SLF), as well as a contact list of Native Americans culturally affiliated with the project area (Appendix B).

4.2 Field Survey

Rincon Archaeologist Courtney Montgomery, MA conducted a pedestrian survey of the project site July 16, 2024, using transect intervals spaced 15 meters and oriented generally from east to west. Exposed ground surfaces were examined for artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools, ceramics, fire-affected rock [FAR]), ecofacts (marine shell and bone), soil discoloration that might indicate the presence of a cultural midden, soil depressions, and features indicative of the former presence of structures or buildings (e.g., standing exterior walls, postholes, foundations) or historical debris (e.g., metal, glass, ceramics). Ground disturbances such as burrows and drainages were also visually inspected. Survey accuracy was maintained using a handheld GPS

unit and a georeferenced map of the project site. Site characteristics and survey conditions were documented using field records and a digital camera. Copies of the survey notes and digital photographs are maintained at the Rincon Oakland office.

4.3 Subsurface Testing

Rincon archaeologists Elaine Foster, MA, RPA, and Heather Blind, MA, RPA conducted subsurface auger testing within the project site where the former historic-period structure was identified during background research. The purpose of the subsurface auger excavations was to determine the presence and/or absence of subsurface archaeological deposits associated with the structure, as well as the horizontal and vertical extent of any associated subsurface deposits, if present.

In order to determine the presence or absence of subsurface cultural materials at the project site, 10 hand auger units (HAUs) were excavated within and adjacent to the boundaries of the previously identified historic-period structure within the project site. All excavation locations were recorded using a submeter-accurate handheld Global Positioning System unit (Geode) and documented in both notes and photographs. The HAUs were eight centimeters (3 inches) in diameter and excavated in one layer to a depth of 30 centimeters below surface (cmbs), consistent with the proposed depth of disturbance for the project in that area (grading related to parking improvements). Excavated soil was dry-screened through 3-millimeter (1/8-inch) wire mesh screen. Any materials recovered from the HAUs during dry-screening were examined and documented in the field. All HAUs were backfilled after completion of the excavation. HAU excavation forms were completed to record all relevant data and observations, including the depths, descriptions of recovered materials, and soil descriptions.

5 Findings

5.1 Background Research

5.1.1 Previous Cultural Resources Studies

The CHRIS records search and background research identified seven cultural resources studies within 0.5 mile of the project site (Appendix A). One study (SJ-06911) includes a portion of the project site. The project site had not been previously surveyed. Study SJ-06911 is discussed in further detail below.

SJ-06911

Study SJ-06911 is the Cultural Resources section of the City of Lodi General Plan Update, prepared by Environmental Science Associates, Inc. (ESA) in 2007. The section discusses the results of the citywide records search, existing conditions, and previously recorded cultural resources within the planning area. The study provides ethnographic and historical information for the City of Lodi, and documents cultural resources within the city limits that have been previously found eligible for listing and those listed on the NRHP. In a review of the records search, the study states that only six percent of plan area has been previously surveyed, which does not include the current project site, and recommended that future development associated with the general plan may impact previously unidentified archaeological resources. The study further states that the update implementation may be incompatible with existing development. No field survey was associated with the study (ESA 2007).

5.1.2 Previously Recorded Cultural Resources

The CHRIS records search and background research identified one cultural resource, a historic period structure (P-39-005394) within 0.5 mile of the project site, which is not located within the project site. Table 1 provides information regarding the resource.

Table 1 Known Cultural Resources

Primary Number	Trinomial	Resource Type	Description	Recorder(s) and Year(s)	Eligibility Status	Relationship to Project Site
P-39-005394	-	Historic-Period Structure	1106 Woodrow Street, single story, ranch style residence	Wendt (2021)	6Z[1]	Outside

Source: CCIC 2024

[1] Found ineligible for NRHP, CRHR or Local designation through survey evaluation.

5.1.3 Sacred Land File Search

On June 20, 2024, the NAHC responded to Rincon's SLF request, stating that the results of the SLF search were negative. See Appendix B for the NAHC response, including Tribal contacts list(s).

5.1.4 Aerial Imagery and Historical Topographic Maps Review

Rincon completed a review of historical topographic maps and aerial imagery to ascertain the development history of the project site. Historical topographic map from 1894 depicts the project site as undeveloped land with Interstate Highway 99 to the west and railroad lines to the west and north (USGS 1894). The project site remains undeveloped through 1910, with the addition of a paved road analogous to East Kettleman Lane along the northern boundary of the project site and a portion of a dirt road bounding the project site to the west (USGS 1910). Historical topographic map from 1910 depicts a church on the adjacent property to the east, which remains until 1942 (USGS 1942). By 1939, a single-family home is identified on topographic maps within the northwestern most portion of the project site, south of present-day East Kettleman Lane and west of an unnamed dirt road (USGS 1939). The area is depicted as unchanged with the presence of the building up to 1953, when additional structures, including a barn, water tower, and garage, appear near the building and an agricultural field is depicted to the west of the project site (USGS 1953; NETR Online 2024). Aerial imagery from 1957 depicts two structures within the northwestern most portion of the project site, south of Kettleman Lane (NETR Online 2024). The 1957 aerial also depicts agricultural rows throughout the rest of the project site with dirt roads along the southern, eastern, and western boundaries (NETR Online 2024). By 1967, Beckman Road is depicted along the western boundary of the project site and the rest of the project site in similar condition to 1957 (NETR Online 2024). Between 1993 and 1998, aerial imagery shows that one of the structures is no longer extant, and the early stages of commercial development north of the project site are depicted (NERT Online 2024). By 2002, transmission lines and associated power poles are depicted along the northern and western portions of the project stie, and the commercial development north of the project site is complete (NETR Online 2024). Additionally, by 2002, the project site appears to be graded around the perimeter with agricultural rows of grapes and a strawberry stand south of East Kettleman Lane. An unknown structure within the southern portion of the project site is also present at this time (NETR Online 2024). From 2005 to 2014, there is evidence of grading, and the agricultural rows of grapes decrease within the central proportion of the project site. Additionally, the residence, water tower, and the garage appear to have been demolished between 2016 and 2018, and the single-family home to the southeast is present by 2016 (NETR Online 2024).

5.1.5 Geologic and Soils Map Review

Geologic mapping indicates that the project site is underlain by two geologic units: 1) Qm2: upper member of the Modesto Formation, and 2) Qds: Dune sand (Dawson 2009). The Modesto Formation makes up 90 percent of the project site and the Dune Sand makes up 10 percent of the project site.

The Modesto Formation dates to the Late Pleistocene (129,000 to 11,700 years ago) and consists of undivided alluvium (Dawson 2009) with sand, gravel, silt, and clay (McManus et al. 2014). The Modesto Formation within and near the project site, as identified along the Mokelumne River terrace approximately 2 miles north of the project site, consists of preserved alluvium due to intertidal deposits (Marchand and Allwardt 1981). The Late Pleistocene largely pre-dates human occupation of the region and is generally not conducive to the natural burial and preservation of archaeological deposits. Archaeological deposits present within the Modesto Formation would most likely be located on or near the ground surface.

The Qds unit, Dune Sand, dates from the Late Pleistocene to the Holocene and consists of very well sorted and fine to medium grained eolian sand (Dawson 2009). Eolian sand deposits are formed in dunes and sand seas, and consist of loosely compacted, windblown sand and transported dust (Muhs 2021). Stable eolian deposits may be sensitive for encountering buried archaeological

deposits (ICF 2013), and Holocene aged deposits date to the era of human occupation. As such, these sediments are likely conducive to the preservation of subsurface archaeological deposits.

Soil mapping indicates the project site primarily (appropriate 95 percent) consists of Tokay fine sandy loam which is formed in alluvial deposits derived from granitic rocks. A typical soil profile consists of fine sandy loam from 0 to 60 inches below the surface (California Soil Resource Lab 2003). The soil profile does not contain buried A Horizon (subsurface topsoil) soils, which would indicate potential for the presence of subsurface archaeological deposits.

5.1.6 Archaeological Sensitivity Summary

Archival research indicates the sediments mapped at the surface within the project site are not generally conducive to the natural burial and preservation of archaeological resources. Although Holocene-aged sediments have been recorded within the vicinity of the project site, the majority of the sediments date to the Late Pleistocene which largely pre-dates recorded human occupation of the region. As such, archaeological deposits would be expected on or near the surface. Furthermore, soil mapping indicates the project site is underlain by Tokay fine sandy loam, which has a continuous profile with no buried A Horizon (subsurface topsoil) soils that indicate the potential for subsurface archaeological deposits. Given the age of the geologic units and the absence of buried soil horizons as suggested by the geologic and soils maps, the degree of previous disturbance within the APE associated with the construction and demolition of the structure, as well as the agricultural use of the project site, the project site has low sensitivity for the presence of Native American subsurface archaeological deposits. The presence of a historic-period single-family residence and the continuous use of the project site since the 1930s indicates that the project site has a sensitivity for subsurface historic-period archaeological resources.

5.2 Field Survey Results

No cultural resources were identified during the field survey. Ground visibility was poor (0 to 35 percent) within the majority of the project site due to overgrown grasses (Photograph 1), and excellent (91 to 100 percent) within the former building location in the northwest corner and the northern perimeter of the project site along East Kettleman Lane (Photograph 2). Soils within the project site consisted of brown to gray sandy loam with clay inclusions (Photograph 3). Pacific Gas and Electric Company transmission lines and poles within the project site lined the northern and western edges of the project site (Photograph 4), with one transmission line near the location of the previously extant structure (Photograph 5). Modern refuse (Photograph 6) was observed throughout the northernmost portion of the project site, including a refuse dump associated with an encampment (Photograph 7) near the location of the previously extant strawberry stand approximately 45 feet south of East Kettleman Lane and 250 feet east of Beckman Road.

There is a water pump and a transmission line in the northwest corner of the project site (Photograph 8). Additionally, the area includes modern water infrastructure, a wooden box, and two concrete pillars (Photograph 9) along the Beckman Road. The remnants of a barbed wire fence (Photograph 10) ran along the western side of the project site, approximately 45 feet from Beckman Road. No specific or diagnostic features associated with the historic-period single-family residence were evident on the on these features. No foundations or depressions or soil changes indicative of the former foundation were evident on the surface.

Photograph 1 Representative Overview of Poor Ground Visibility, Facing West



Photograph 2 Excellent Ground Visibility within Northern Boundary, Facing West



Photograph 3 Soils within Project Site, Plan View



Photograph 4 Transmission Line Along Northern Boundary, Facing East



Photograph 5 Transmission Line Near Building Location, Facing Northeast



Photograph 6 Modern Refuse, Facing South



Photograph 7 Dumping and Homeless Encampment, Facing Southwest



Photograph 8 Water Pump within Project Site, Facing Southeast



Photograph 9 Water Feature Near Beckman Road, Facing Southeast



Photograph 10 Barbed Wire Fence Remnants, Facing Southeast



5.3 Subsurface Testing

The subsurface auger testing, consisting of the excavation of 10 hand auger units (HAUs), did not identify any archaeological deposits associated with Mav-01. Figure 3 depicts the HAU locations within the project site, and a representative HAU is depicted in Photograph 11. A summary of the HAU excavations, including soils and disturbances encountered, is detailed in Table 2. Soils within the HAUs generally consisted of coarse loamy sand with between three to 15 percent gravel inclusions and generally colored brown, yellow brown, or dark yellowish brown.

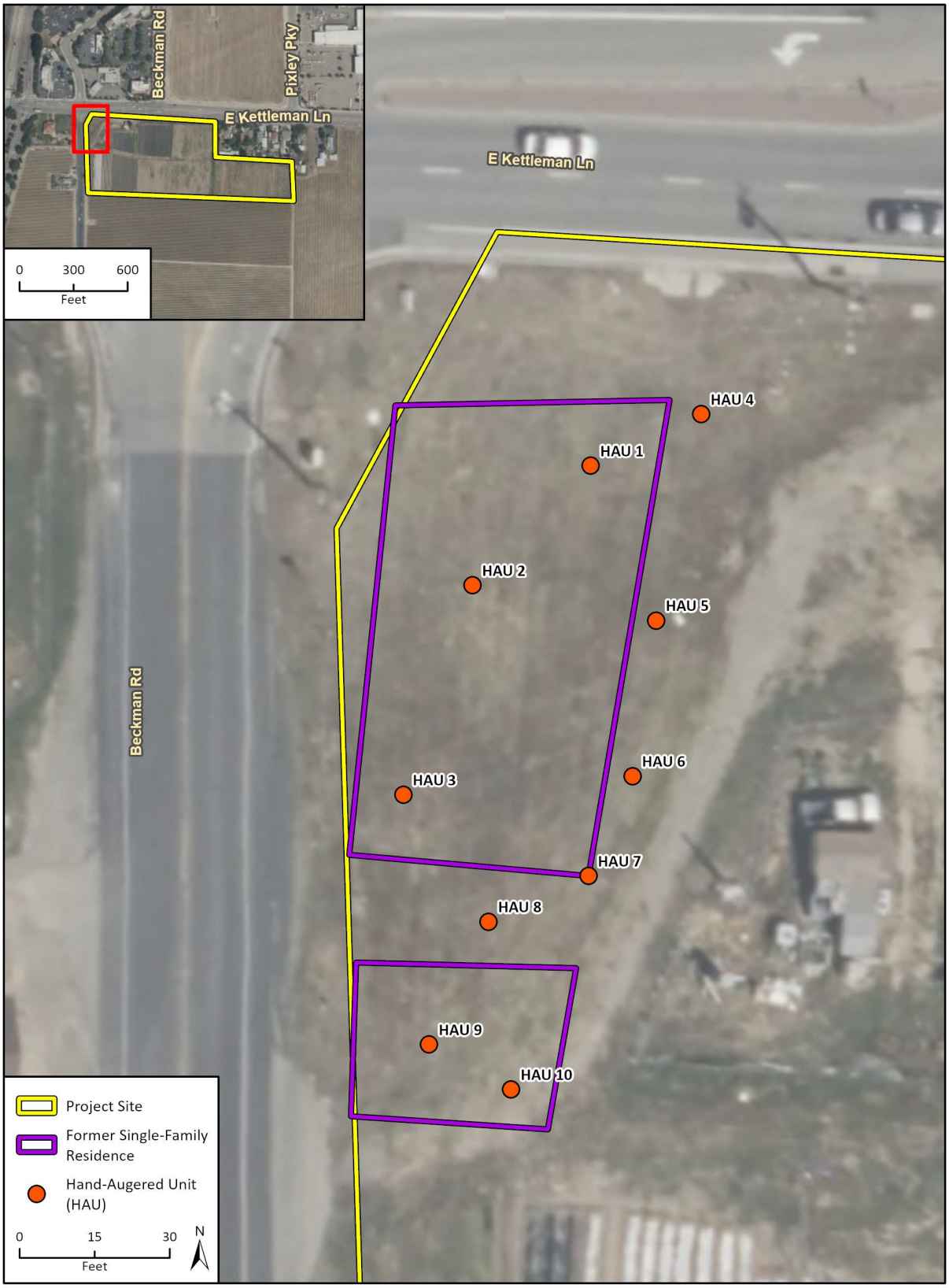
Modern refuse was noted within nine of the ten excavated HAUs and consisted of modern can tabs, metal bottle caps, plastics, aluminum foil, red brick, clear glass fragments, paint chips, a ferrous nail and bolt/nut combined, roadbed fragments, and a plastic wrapper. The presence of modern refuse below the surface indicates previous ground disturbance and soil mixing within the project site.

Table 2 Summary of STP Excavation

HAU	Maximum Depth (cmbs)	Soil	Soil Color (Munsell)	Disturbances	Reason for Termination	Cultural Constituents
1	30	Coarse loamy sand	10 YR 4/4 Dark yellowish brown	Modern can tab	End of unit	None
2	30	Coarse loamy sand with 5% gravel inclusion	10 YR 4/3 Brown	Modern glass gaming bead and PVC pipe	End of unit	None
3	30	Coarse loamy sand with 10% gravel inclusion	10 YR 4/6 Dark yellowish brown	Aluminum foil, red brick fragment (<1 cm)	End of unit	None
4	30	Coarse loamy sand	10 YR 4/4 Dark yellowish brown	Metal bottle cap, clear glass fragment, and plastic	End of unit	None
5	30	Coarse loamy sand	10 YR 4/4 Dark yellowish brown	Plastic	End of unit	None
6	30	Coarse loamy sand with 3% gravel inclusion	10 YR 4/4 Dark yellowish brown	Metal bottle cap	End of unit	None
7	30	Coarse loamy sand	10 YR 4/4 Dark yellowish brown	Clear glass fragments (3)	End of unit	None
8	30	Coarse loamy sand	10 YR 5/4 Yellow brown	White paint chips	End of unit	None
9	30	Coarse loamy sand	10 YR 5/4 Yellow brown	None	End of unit	None
10	30	Coarse loamy sand with 15% gravel inclusions	10 YR 3/4 Dark yellowish brown	Roadbed fragments, plastic wrapper, landscaping plastic, ferrous wire nail (1), and ferrous nut and bolt combined (1)	End of unit	None

HAU = shovel test pit; cmbs = centimeters below surface; cm = centimeters

Figure 3 Auger Locations within Project Site



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21-11415 CR
Fig 3 XPI Results

Photograph 11 Representative HAU (HAU 9)



6 Impacts Analysis and Conclusions

The impact analysis included here is organized based on the cultural resources thresholds included in CEQA Guidelines Appendix G: Environmental Checklist Form:

a) Would the project cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?
b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?
c) Would the project disturb any human remains, including those interred outside of dedicated cemeteries?

Threshold A broadly refers to historical resources. To more clearly differentiate between archaeological and built environment resources, we have chosen to limit analysis under Threshold A to built environment resources. Archaeological resources, including those that may be considered historical resources pursuant to Section 15064.5 and those that may be considered unique archaeological resources pursuant to Section 21083.2, are considered under Threshold B.

6.1 Historical Built Environment Resources

Background research identified a former single-family residence within the project site from 1939 to 2016. The field survey confirmed that the residence is no longer extant. Because the residence is no longer extant, it cannot be evaluated as a historical resource. Additionally, there is a power line pole at the northwest corner of the project site, installed in approximately 2002 when the transmission line along Kettleman Lane was installed (NETR Online 2024). A customer-owned pole not constructed as part of the utility-owned line, is a simple wood pole design. Because it is less than 45 years old, the threshold generally considered for historical significance, in addition to its ubiquitous design, and lack of potential significance, this utility line was not recorded or evaluated for the purposes of the current study. The project would therefore result in ***no impact to historical resources*** pursuant to CEQA.

6.2 Historical and Unique Archaeological Resources

This study did not identify any archaeological resources or archaeological deposits in the project site. A water pump and water feature along with other utilities are still extant within the project site near the location of the former single-family residence identified on the project site between 1939 and 2016. To be considered an historical resource, a resource must have historic significance and sufficient integrity to convey that significance. As these features could not be directly associated with the former single-family residence and no longer retain historic integrity, they were not further recorded or evaluated for the purposes of the current study.

Further, the archival research, records search, geologic unit and soil mapping, negative SLF results, and general disturbance of the property from agricultural use and development indicate a low sensitivity for subsurface Native American archaeological resources. However, while archaeological testing in the area of highest potential for historic-period archaeological resources were negative, the presence of a historic-period structure and historic-period use of the property suggest there is

sensitivity for encountering subsurface historic-period. Additionally, there is always the potential to encounter unanticipated archaeological resources during ground disturbing activities. Therefore, Rincon presents the following recommended mitigation measure for unanticipated discoveries during construction. With adherence to this measure, Rincon recommends a finding of ***less-than-significant impact with mitigation for archaeological resources*** under CEQA.

6.2.1 Recommended Mitigation

Unanticipated Discovery of Cultural Resources

In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 50 feet of the find shall halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) shall be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, then a Native American representative shall also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, a qualified archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations (CCR) Guidelines Section 15126.4(b)(3)(C). The data recovery plan shall identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and Native American representative, as appropriate, shall recover and document the scientifically consequential information that justifies the resource's significance. The City shall review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation shall be submitted to the regional repository of the California Historical Resources Information System, per CCR Guidelines Section 15126.4(b)(3)(C).

6.3 Human Remains

No human remains are known to be present within the project site. However, the discovery of human remains is always a possibility during ground disturbing activities. If human remains are found, the State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. In the event of an unanticipated discovery of human remains, the County Coroner must be notified immediately. If the human remains are determined to be of Native American origin, the Coroner will notify the NAHC, which will determine and notify an MLD. The MLD has 48 hours from being granted site access to make recommendations for the disposition of the remains. If the MLD does not make recommendations within 48 hours, the landowner shall reinter the remains in an area of the property secure from subsequent disturbance. With adherence to existing regulations, Rincon recommends a finding of ***less-than-significant impact to human remains*** under CEQA.

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Appendix A

California Historical Resources Information System Records Search Results

CENTRAL CALIFORNIA INFORMATION CENTER

California Historical Resources Information System

Department of Anthropology – California State University, Stanislaus

One University Circle, Turlock, California 95382

(209) 667-3307

Alpine, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus & Tuolumne Counties

Date: 6/13/2024

Records Search File No.: 12964L

Project: Maverik Gas Station E. Kettleman Lane and Beckman Road

Courtney Montgomery
Rincon Consultants, Inc.
180 N. Ashwood Avenue
Ventura, CA 93003
805-644-4455

Invoice to: ap@rinconconsultants.com

cmontgomery@rinconconsultants.com

Dear Ms. Montgomery:

The Central California Information Center received your record search request for the project area referenced above, located on the Lodi South & Waterloo 7.5' quadrangles in San Joaquin County. The following reflects the results of the records search for the project study area and radius:

As per data currently available at the CCaIC, the locations of resources/reports are provided in the following format: ☐ custom GIS maps ☒ GIS Data/shape files

Summary Data:

Resources within the project area:	None formally reported to the Information Center.
Resources within the 1/2-mile radius:	1: P-39-005394
Reports within the project area:	1: SJ-06911
Reports within the 1/2-mile radius:	5: SJ-00821, 4508, 6200, 9226, 9734

Resource Database Printout (list):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Database Printout (details):	☐ enclosed	☒ not requested	☐ nothing listed
Resource Digital Database Records:	☐ enclosed	☒ not requested	☐ nothing listed
Report Database Printout (list):	☒ enclosed	☐ not requested	☐ nothing listed
Report Database Printout (details):	☐ enclosed	☒ not requested	☐ nothing listed
Report Digital Database Records:	☐ enclosed	☒ not requested	☐ nothing listed
Resource Record Copies:	☒ enclosed	☐ not requested	☐ nothing listed
Report Copies:	☒ enclosed	☐ not requested	☐ nothing listed

OHP Historic Properties Directory: New Excel File: Built Environment Resource Directory (BERD)
Dated 9/23/2022
Not all resources listed in the BERD are mapped in GIS, nor do we have records on file for; if you identify additional resources in the BERD that you need copies of, contact the IC.

☐ enclosed ☐ not requested ☒ nothing listed

Archaeological Resource Directory (ARD excerpt): ☐ enclosed ☐ not requested ☒ nothing listed

CA Inventory of Historic Resources (1976): ☐ enclosed ☒ not requested ☐ nothing listed

Caltrans Bridge Survey: ☐ enclosed ☒ not requested ☐ nothing listed

Ethnographic Information: ☐ enclosed ☒ not requested ☐ nothing listed

Historical Literature: ☐ enclosed ☒ not requested ☐ nothing listed

Historical Maps: ☐ enclosed ☒ not requested ☐ nothing listed

See also: http://ngmdb.usgs.gov>topoview

Local Inventories: ☐ enclosed ☒ not requested ☐ nothing listed

GLO and/or Rancho Plat Maps: ☐ enclosed ☒ not requested ☐ nothing listed

See also: https://glorecords.blm.gov

Shipwreck Inventory: ☒ not available at CaCIC; please go to http://shipwrecks.slc.ca.gov/ShipwrecksDatabase/Shipwrecks_Database.asp

Soil Survey Maps: ☒ not available at CCaIC; please go to http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Requests made after initial invoicing will result in the preparation of a separate invoice.

Thank you for using the California Historical Resources Information System (CHRIS). **Note:** Billing will be transmitted separately via email by our Financial Services office* ($253.80), payable within 60 days of receipt of the invoice.

If you wish to include payment by Credit Card, you must wait to receive the official invoice from Financial Services so that you can reference the CMP # (Invoice Number), and then contact the link below:

https://commerce.cashnet.com/ANTHROPOLOGY

Sincerely,

E. A. Greathouse

E. A. Greathouse, Coordinator
Central California Information Center
California Historical Resources Information System

* Invoice Request sent to: ARBilling@csustan.edu, CSU Stanislaus Financial Services

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
SJ-00821	NADB-R - 1361641	1978	Peak, A. S.	Cultural Resource Assessment of the Proposed City of Lodi C-2 Basin Project, San Joaquin County, California	Peak and Associates, Inc.	
SJ-04508	NADB-R - 1364424	2001	Jones and Stokes Associates, Inc., David Byrd	Positive Historic Property Survey Report, California Depatment of Transportation, 10-SJO-12, P.M. 15.2/18.0, Branch 173, E.A. OG5700: Kettleman Lane, Route 12 Widening Project. (Also includes Historic Archaeological Survey Report and Negative Archaeological Survey Report).	Jones and Stokes Associates, Inc. for Caltrans	39-004282, 39-004283, 39-004284, 39-004285, 39-004286
SJ-06200	NADB-R - 1366275	2006	Wills, Carrie D.	Letter - Cultural Resources Records Search Results for Cingular Wireless Candidate SCRMCAT052 (USID #9827), 14320 North Beckman Road, Lodi, San Joaquin County, California.	Michael Brandman and Associates	
SJ-06911	NADB-R - 1367196	2007	Environmental Science Associates, Inc. (ESA)	City of Lodi General Plan Update, Cultural Resources Section.	Environmental Science Associates, Inc. (ESA), for City of Lodi	39-000069, 39-000073, 39-000487, 39-000491, 39-000492, 39-000506, 39-000507, 39-000515, 39-000524, 39-000528, 39-000533, 39-000666, 39-000674, 39-000677, 39-000678, 39-004317
SJ-06911		2010	City of Lodi	City of Lodi General Plan	City of Lodi	
SJ-09226		2021	Wendt, C.	Letter - Historic Property Identification Report for the Lodi CDBG Housing Rehabilitation Program Project, City of Lodi, California	Michael Baker International for City of Lodi	39-005388, 39-005389, 39-005390, 39-005391, 39-005392, 39-005393, 39-005394, 39-005395, 39-005396
SJ-09734		2021	Scott, A. and C. Higgins	Cultural Resources Inventory Report for the PG&E Northern San Joaquin 230 kV Transmission Project, San Joaquin County, California	Far Western Anthropological Research Group. Inc. for PG&E	39-000002, 39-004279, 39-004457, 39-004901

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-39-005394		Resource Name - 1106 Woodrow Street, Lodi	Building	Historic	HP02	2021 (Wendt, Michael Baker International, Inc.)	SJ-09226

Appendix B

Sacred Lands File Search Results

Sacred Lands File & Native American Contacts List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: Maverik Gas Station-East Kettleman Lane and Beckman Road

County: San Joaquin

USGS Quadrangle Name: Lodi South and Waterloo

Township: see below **Range:** _____ **Section(s):** _____

Company/Firm/Agency: Rincon Consultants, Inc.

Street Address: 180 N. Ashwood Avenue

City: Ventura **Zip:** 93003

Phone: (559) 425-9670

Fax: -

Email: cmontogomery@rinconconsultant.com

Project Description:

The project will involve the development of a gas station on 3-acres of a 10-acre parcel located southeast of the intersection of East Kettleman Lane Road and Beckman Road.

Township 03N, Range 06E, Sections 12,13 and Township 03N, Range 07E, Sectiosn 07,18

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

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Luiseño

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COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Bennae Calac
Pauma-Yuima Band of Luiseño Indians

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok, Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710

June 20, 2024

Courtney Montgomery
Rincon Consultants, Inc.

***Via Email to*: cmontgomery@rinconconsultants.com**

Re: Maverik Gas Station-East Kettleman Lane and Beckman Road Project, San Joaquin County

Dear Ms. Montgomery:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment

Appendix C

HAU Field Forms

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Lodi Mav. Date: Nov 11, 2024 Project: 21-11415

STP/AT No: 21 STP/AT Size: 3" Maximum Depth: 30 cmbs

Screen Size: 1/4 ☐ Wet ☒ Dry Excavators: HB SEP

Photographs? ☒ Yes ☐ No

☒ Digital ☐ Film Frame(s): 4-5 Excavation Method: Auger

Soil Description

PD Number	cmbs Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
AU-1	0-30	Coarse sand	10YR 4/4 Dark Yellowish Brown	Modern cantab
		loamy sand.		

Cultural Constituents

PD Number	cmbs Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

Comments: Locations chosen to encompass inside of Hdgs, and adjacent areas that may contain trashpits or Privys or wells

Form Continues? ☐ Yes ☐ No

v10/17

rincon

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Lodi Wav. Date: Nov 11, 2024 Project: 21-11415

STP/AT No: 2 STP/AT Size: 3" Maximum Depth: 30 cmbs

Screen Size: 1/8 ☐ Wet ☒ Dry Excavators: EF & MB

Photographs? ☒ Yes ☐ No

☐ Digital ☐ Film Frame(s): 2-3 Excavation Method: Auger

Soil Description

PD Number	cmbs Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
AV-2	0-30	coarse sand w/ 5% Gravel	10YR 4/3	Modern Glass Bead (Maroon)
		(loamy sand).		PVC Pipe

ultural Constituents

PD Number	cmbs Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

mments:

Form Continues? ☐ Yes ☐ No

v10/17

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Lot 1 Hay.
STP/AT No: 3
Date: Nov 11, 2024
Project: 21-11415
Screen Size: 1/8 ☐ Wet ☒ Dry
STP/AT Size: 3"
Maximum Depth: 30 cmbs
Photographs? ☒ Yes ☐ No
☒ Digital ☐ Film Frame(s): 1
Excavators: MB BEF
Excavation Method: Auger

Soil Description

PD Number	cmbs Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
AU-B	0-30	Coarse Sand w/ 10% gravel (loamy sand).	10YR 4/6 Dark Yellowish Brown	Aluminum Foil, Red Brick frag (<1")

Cultural Constituents

PD Number	Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

omments:

Form Continues? ☐ Yes ☐ No

v10/17

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Locus MAN
Date: Nov 11, 2024
Project: 21-1415
STP/AT No: 4
STP/AT Size: 5"
Maximum Depth: 30 cmbs
Screen Size: 1/8" ☐ Wet ☒ Dry
Excavators: HB & EF
Photographs? ☒ Yes ☐ No
☒ Digital ☐ Film Frame(s): 6-7
Excavation Method: Auger

Soil Description

PD Number	cmbs Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
AU-A	0-30	Coarse Sand (loamy sand).	10YR 4/4 Dark Yellowish Brown	Metal bottlecap, clear glass plastic frag

Cultural Constituents

PD Number	cmbs Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

omments:

Form Continues? ☐ Yes ☐ No

v10/17

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Loti Mou
STP/AT No: 5
Date: Nov 11, 2024
STP/AT Size: 3"
Project: 21-11915
Maximum Depth: 30 cmbs
Screen Size: 1/8" ☐ Wet ☒ Dry
Photographs? ☒ Yes ☐ No
☒ Digital ☐ Film Frame(s): 8-9
Excavators: HB JE F
Excavation Method: Auger

Soil Description

PD Number	cmbs Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
	0-30	coarse sand	10YR 4/4 Dark Yellowish Brown	Plastic(1)
		loamy sand		

Cultural Constituents

PD Number	cmbs Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

Comments: _____

Form Continues? ☐ Yes ☐ No

v10/17

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Codi Nav | Date: Nov 11, 2024 | Project: 21-11415

STP/AT No: 6 | STP/AT Size: 3" | Maximum Depth: 30 cmbs

Screen Size: ¼" ☐ Wet ☒ Dry | Excavators: HB & EF

Photographs? ☒ Yes ☐ No

☒ Digital ☐ Film Frame(s): 10-11 | Excavation Method: [redacted] Auger

Soil Description

PD Number	cmbs Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
	0-30	coarse sand w/ 3% Basalt (locany end).	10YR 4/4 Dark Yellowish Brown	Concentrated bottom

Cultural Constituents

PD Number	cmbs Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

Comments: _____

Form Continues? ☐ Yes ☐ No

v10/17

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Codi Nav. Date: Nov 11, 2024 Project: 21-11415

STP/AT No: 7 STP/AT Size: 3" Maximum Depth: 30 cmbs

Screen Size: 1/8" ☐ Wet ☒ Dry Excavators: HB & EP

Photographs? ☐ Yes ☐ No

☐ Digital ☐ Film Frame(s): 12-13 Excavation Method: Auger

Soil Description

PD Number	Level cmps	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
	0-30	Loamy Sand	10YR 4/4 Dark yellowish Brown	<1cm glass frag (3)

Cultural Constituents

PD Number	Level cmbs	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

Comments:

Form Continues? ☐ Yes ☐ No

v10/17

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Loli Nav | Date: Nov 11, 2024 | Project: 21-114/5

STP/AT No: 8 | STP/AT Size: 3" | Maximum Depth: 30cmbs

Screen Size: 1/8" ☐ Wet ☒ Dry | Excavators: HD&EF

Photographs? ☒ Yes ☐ No

☒ Digital ☐ Film Frame(s): 14-15 | Excavation Method: Auger

Soil Description

PD Number	Level cmbs	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
	0-30	Coarse Loamy Sand	10YR5/4 Yellow Brown	Paint chip

Cultural Constituents

PD Number	Level cmbs	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

Comments: _____

Form Continues? ☐ Yes ☐ No

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Lodi NCW
Date: Nov 11, 2024
Project: 21-1415
STP/AT No: 9
STP/AT Size: 3"
Maximum Depth: 30 cmbs
Screen Size: 1/8" ☐ Wet ☒ Dry
Excavators: HB & EF
Photographs? ☒ Yes ☐ No
☒ Digital ☐ Film Frame(s): 16-17
Excavation Method: Auger

Soil Description

PD Number	cmbs Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
	0-30	Coarse Loamy Sand	10YR 5/4 Yellowbrown	None

Cultural Constituents

PD Number	cmbs Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

Comments: _____

Form Continues? ☐ Yes ☐ No

v10/17

SHOVEL TEST PIT/AUGER TEST RECORD

Site: Lod. Mavenle. Date: Nov 17 2024 Project: 21-11415.

STP/AT No: 10 STP/AT Size: 3" Maximum Depth: 30cmbs.

Screen Size: 1/8 ☐ Wet ☒ Dry Excavators: HITACHI

Photographs? ☒ Yes ☐ No

☒ Digital ☐ Film Frame(s): Excavation Method: AU.

Soil Description

PD Number	GUBS Level	Soil Type/Texture	Soil Color (Munsell)	Disturbance/Inclusions
10	0-30cm	loamy sand	10YR 3/4.	15%. gravel + compacted soil, (road bed). plastic wrapper (mod) landscaping plastic/fabric / wire staples nailed + / nut+bolt-fragments, both are heavily deteriorated.

Cultural Constituents

PD Number	GUBS Level	Artifacts (quantity and type)	Uncollected Items
	0-30	NONE	

Comments:

Form Continues? ☐ Yes ☐ No

v10/17

APPENDIX D

NOISE MEASUREMENT FIELD DATA

Noise Measurement Field Data

Project:	Maverik- Lodi	**Job Number:**	197774001.1.270
Site No.:	LT-1	**Date:**	6/27/2024
Analyst:	Brad Stoneman, Gracielle Garin, Max Macke	**Time:**	1:01 PM (6/27/24) - 1:01 PM (6/28/24)
Location:	Immediately north of project site, adjacent to E. Kettleman Lane.		
Noise Sources:			
Comments:			

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
75.8	51.4	109.1	122.5

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	73
Wind (mph):	7 wind, 13 gust
Sky:	Clear
Bar. Pressure:	
Humidity:	

Photo:



Kimley»Horn

Summary

File Name on Meter	LxT_Data.108.s
File Name on PC	LxTse_0006073-20240627 130128-LxT_Data.108.ldbin
Serial Number	0006073
Model	SoundExpert® LxT
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2024-06-27 13:01:28
Stop	2024-06-28 13:01:28
Duration	24:00:00.0
Run Time	24:00:00.0
Pause	00:00:00.0
Pre-Calibration	2024-06-24 10:16:00
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Overload	121.7 dB

	A	C	Z
Under Range Peak	**78.3**	75.3	80.3 dB
Under Range Limit	**24.0**	24.9	30.8 dB
Noise Floor	14.9	15.8	21.7 dB

	First	Second	Third
Instrument Identification			

Results

LAeq	75.8 dB	
LAE	125.2 dB	
EA	364.982 mPa²h	
LApk (max)	2024-06-27 19:22:01	122.5 dB
LASmax	2024-06-27 19:22:02	109.1 dB
LASmin	2024-06-28 01:24:15	51.4 dB
SEA	138.7 dB	

	Exceedance Counts	Duration
LAS > 85.0 dB	508	1488.2 s
LAS > 115.0 dB	0	0.0 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

Community Noise	**LDN**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**LDEN**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**
	80.2	76.9	72.9	80.6	77.0	76.6

LCeq	80.4 dB
LAeq	75.8 dB
LCeq - LAeq	4.6 dB
LAIeq	79.3 dB
LAeq	75.8 dB
LAIeq - LAeq	3.5 dB

	A		C		Z	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
Leq	75.8		80.4			
LS(max)	109.1	2024/06/27 19:22:02				
LS(min)	51.4	2024/06/28 1:24:15				
Lpk(max)	122.5	2024/06/27 19:22:01				

Overload Count	8
Overload Duration	20.2 s
OBA Overload Count	8
OBA Overload Duration	20.2 s

Statistics

LA 5.00	81.1 dB
LA 10.00	78.6 dB
LA 33.30	71.5 dB
LA 50.00	68.6 dB
LA 66.60	66.3 dB
LA 90.00	61.6 dB

Calibration History					
Preamp	**Date**	**dB re. 1V/Pa**	**6.3**	**8.0**	**10.0**
Direct	2022-05-04 11:10:46	-26.06	27.43	32.65	28.67
Direct	2022-05-04 09:39:37	-49.86	50.25	43.95	39.40
PRMLxT1	2022-05-05 08:52:08	-49.12	23.26	48.28	135.19
PRMLxT1	2022-05-05 07:17:36	-49.03	-∞	-∞	-∞
PRMLxT1L	2024-06-24 10:16:00	-28.03	54.54	62.56	51.90
PRMLxT1L	2024-06-04 14:32:13	-27.80	45.90	57.54	52.72
PRMLxT1L	2024-06-04 09:14:03	-28.14	60.82	60.91	64.03
PRMLxT1L	2024-05-14 13:40:49	-28.02	62.20	68.07	66.45
PRMLxT1L	2024-05-08 08:47:52	-28.06	89.52	83.49	70.83
PRMLxT1L	2024-03-26 10:56:53	-28.04	57.31	63.37	45.44
PRMLxT1L	2024-03-25 16:33:30	-28.05	59.72	66.56	64.95
PRMLxT1L	2024-03-19 12:50:17	-27.99	74.51	77.13	59.35
PRMLxT1L	2023-12-05 09:30:41	-27.92	74.90	65.51	53.82
PRMLxT1L	2023-11-07 15:20:59	-27.93	63.62	65.83	79.84
PRMLxT1L	2023-10-17 12:24:41	-28.01	84.78	77.11	84.81
Unknown	2023-10-25 02:35:07	-28.03	64.51	63.65	69.91
Unknown	2023-10-25 02:34:42	-28.12	63.90	65.39	64.19
Unknown	2023-10-25 02:33:51	-28.06	75.35	75.93	76.37

Noise Measurement Field Data

Project:	Maverik- Lodi	**Job Number:**	197774001.1.270
Site No.:	ST-1	**Date:**	6/27/2024
Analyst:	Brad Stoneman, Gracielle Garin, Max Macke	**Time:**	10:44-10:54 AM
Location:	Northeast portion of project site, adjacent to residence located at 5070 E. Kettleman Lane.		
Noise Sources:	Street traffic and distant freeway traffic		
Comments:	0:15 - Semi Truck, 1:20 - loud truck, 7:30 - honking		

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
72.5	56.4	92.2	108.9

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	73
Wind (mph):	7 wind, 14 gust
Sky:	Clear
Bar. Pressure:	
Humidity:	

Photo:



Kimley»Horn

Summary

File Name on Meter	LxT_Data.107.s
File Name on PC	LxTse_0006073-20240627 114358-LxT_Data.107.ldbin
Serial Number	0006073
Model	SoundExpert® LxT
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2024-06-27 11:43:58
Stop	2024-06-27 11:53:58
Duration	00:10:00.0
Run Time	00:10:00.0
Pause	00:00:00.0
Pre-Calibration	2024-06-24 10:16:00
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Overload	121.7 dB

	A	C	Z
Under Range Peak	**78.3**	75.3	80.3 dB
Under Range Limit	**24.0**	24.9	30.8 dB
Noise Floor	14.9	15.8	21.7 dB

	First	Second	Third
Instrument Identification			

Results

LA_{eq}	72.5 dB	
LAE	100.3 dB	
EA	1.186 mPa²h	
$LA_{pk\ (max)}$	2024-06-27 11:45:17	108.9 dB
LAS_{max}	2024-06-27 11:45:17	92.2 dB
LAS_{min}	2024-06-27 11:47:12	56.4 dB
SEA	-99.9 dB	

	Exceedance Counts	Duration
LAS > 85.0 dB	1	3.4 s
LAS > 115.0 dB	0	0.0 s
LA_{pk} > 135.0 dB	0	0.0 s
LA_{pk} > 137.0 dB	0	0.0 s
LA_{pk} > 140.0 dB	0	0.0 s

Community Noise	LDN	LDay 07:00-22:00	LNight 22:00-07:00	LDEN	LDay 07:00-19:00	LEvening 19:00-22:00
	72.5	72.5	-99.9	72.5	72.5	-99.9

LC_{eq}	76.3 dB
LA_{eq}	72.5 dB
LC_{eq} - LA_{eq}	3.8 dB
LAI_{eq}	76.1 dB
LA_{eq}	72.5 dB
LAI_{eq} - LA_{eq}	3.6 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L_{eq}	72.5		76.3			
$L_{S(max)}$	92.2	2024/06/27 11:45:17				
$L_{S(min)}$	56.4	2024/06/27 11:47:12				
$L_{pk(max)}$	108.9	2024/06/27 11:45:17				

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Statistics

LA 5.00	78.8 dB
LA 10.00	76.3 dB
LA 33.30	68.6 dB
LA 50.00	65.0 dB
LA 66.60	63.0 dB
LA 90.00	59.6 dB

Calibration History					
Preamp	**Date**	**dB re. 1V/Pa**	**6.3**	**8.0**	**10.0**
Direct	2022-05-04 11:10:46	-26.06	27.43	32.65	28.67
Direct	2022-05-04 09:39:37	-49.86	50.25	43.95	39.40
PRMLxT1	2022-05-05 08:52:08	-49.12	23.26	48.28	135.19
PRMLxT1	2022-05-05 07:17:36	-49.03	-∞	-∞	-∞
PRMLxT1L	2024-06-24 10:16:00	-28.03	54.54	62.56	51.90
PRMLxT1L	2024-06-04 14:32:13	-27.80	45.90	57.54	52.72
PRMLxT1L	2024-06-04 09:14:03	-28.14	60.82	60.91	64.03
PRMLxT1L	2024-05-14 13:40:49	-28.02	62.20	68.07	66.45
PRMLxT1L	2024-05-08 08:47:52	-28.06	89.52	83.49	70.83
PRMLxT1L	2024-03-26 10:56:53	-28.04	57.31	63.37	45.44
PRMLxT1L	2024-03-25 16:33:30	-28.05	59.72	66.56	64.95
PRMLxT1L	2024-03-19 12:50:17	-27.99	74.51	77.13	59.35
PRMLxT1L	2023-12-05 09:30:41	-27.92	74.90	65.51	53.82
PRMLxT1L	2023-11-07 15:20:59	-27.93	63.62	65.83	79.84
PRMLxT1L	2023-10-17 12:24:41	-28.01	84.78	77.11	84.81
Unknown	2023-10-25 02:35:07	-28.03	64.51	63.65	69.91
Unknown	2023-10-25 02:34:42	-28.12	63.90	65.39	64.19
Unknown	2023-10-25 02:33:51	-28.06	75.35	75.93	76.37

Noise Measurement Field Data

Project:	Maverik- Lodi	**Job Number:**	197774001.1.270
Site No.:	ST-2	**Date:**	6/27/2024
Analyst:	Brad Stoneman, Gracielle Garin, Max Macke	**Time:**	10:28-10:38 AM
Location:	West of project site, adjacent to Beckman Road.		
Noise Sources:	Freeway Noises, Birds Chirping		
Comments:	**0:33 - cars on closest road, 9:00 - Old car horn**		

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
68.7	57.5	87.7	102.4

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	73
Wind (mph):	7 wind, 14 gust
Sky:	Clear
Bar. Pressure:	
Humidity:	

Photo:



Kimley»Horn

Summary

File Name on Meter	LxT_Data.106.s
File Name on PC	LxTse_0006073-20240627 112815-LxT_Data.106.ldbin
Serial Number	0006073
Model	SoundExpert® LxT
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2024-06-27 11:28:15
Stop	2024-06-27 11:38:15
Duration	00:10:00.0
Run Time	00:10:00.0
Pause	00:00:00.0
Pre-Calibration	2024-06-24 10:16:00
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Overload	121.7 dB

	A	C	Z
Under Range Peak	**78.3**	75.3	80.3 dB
Under Range Limit	**24.0**	24.9	30.8 dB
Noise Floor	14.9	15.8	21.7 dB

	First	Second	Third
Instrument Identification			

Results

LAeq	68.7 dB	
LAE	96.5 dB	
EA	494.207 µPa²h	
LApk (max)	2024-06-27 11:37:13	102.4 dB
LASmax	2024-06-27 11:37:14	87.7 dB
LASmin	2024-06-27 11:35:27	57.5 dB
SEA	-99.9 dB	

	Exceedance Counts	Duration
LAS > 85.0 dB	1	2.5 s
LAS > 115.0 dB	0	0.0 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

Community Noise	LDN	LDay 07:00-22:00	LNight 22:00-07:00	LDEN	LDay 07:00-19:00	LEvening 19:00-22:00
	68.7	68.7	-99.9	68.7	68.7	-99.9

LCeq	75.5 dB
LAeq	68.7 dB
LCeq - LAeq	6.8 dB
LAIeq	71.3 dB
LAeq	68.7 dB
LAIeq - LAeq	2.6 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	68.7		75.5			
LS(max)	87.7	2024/06/27 11:37:14				
LS(min)	57.5	2024/06/27 11:35:27				
Lpk(max)	102.4	2024/06/27 11:37:13				

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Statistics

LA 5.00	74.2 dB
LA 10.00	71.4 dB
LA 33.30	64.0 dB
LA 50.00	62.8 dB
LA 66.60	61.8 dB
LA 90.00	59.8 dB

Calibration History					
Preamp	**Date**	**dB re. 1V/Pa**	**6.3**	**8.0**	**10.0**
Direct	2022-05-04 11:10:46	-26.06	27.43	32.65	28.67
Direct	2022-05-04 09:39:37	-49.86	50.25	43.95	39.40
PRMLxT1	2022-05-05 08:52:08	-49.12	23.26	48.28	135.19
PRMLxT1	2022-05-05 07:17:36	-49.03	-∞	-∞	-∞
PRMLxT1L	2024-06-24 10:16:00	-28.03	54.54	62.56	51.90
PRMLxT1L	2024-06-04 14:32:13	-27.80	45.90	57.54	52.72
PRMLxT1L	2024-06-04 09:14:03	-28.14	60.82	60.91	64.03
PRMLxT1L	2024-05-14 13:40:49	-28.02	62.20	68.07	66.45
PRMLxT1L	2024-05-08 08:47:52	-28.06	89.52	83.49	70.83
PRMLxT1L	2024-03-26 10:56:53	-28.04	57.31	63.37	45.44
PRMLxT1L	2024-03-25 16:33:30	-28.05	59.72	66.56	64.95
PRMLxT1L	2024-03-19 12:50:17	-27.99	74.51	77.13	59.35
PRMLxT1L	2023-12-05 09:30:41	-27.92	74.90	65.51	53.82
PRMLxT1L	2023-11-07 15:20:59	-27.93	63.62	65.83	79.84
PRMLxT1L	2023-10-17 12:24:41	-28.01	84.78	77.11	84.81
Unknown	2023-10-25 02:35:07	-28.03	64.51	63.65	69.91
Unknown	2023-10-25 02:34:42	-28.12	63.90	65.39	64.19
Unknown	2023-10-25 02:33:51	-28.06	75.35	75.93	76.37

Noise Measurement Field Data

Project:	Maverik- Lodi	**Job Number:**	197774001.1.270
Site No.:	ST-3	**Date:**	6/27/2024
Analyst:	Brad Stoneman, Gracielle Garin, Max Macke	**Time:**	10:15-10:25 AM
Location:	South of project site, adjacent to residence located at 14702 Beckman Road.		
Noise Sources:	Freeway noise/traffic, bird noises		
Comments:	**2:19 - trucks on closest road, 5:26 - semi truck on closest road**		

Results (dBA):

Leq:	**Lmin:**	**Lmax:**	**Peak:**
68.4	53.3	82.8	97.9

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	73
Wind (mph):	7 wind, 13 gust
Sky:	Clear
Bar. Pressure:	
Humidity:	

Photo:



Kimley»Horn

Summary

File Name on Meter	LxT_Data.105.s
File Name on PC	LxTse_0006073-20240627 111425-LxT_Data.105.ldbin
Serial Number	0006073
Model	SoundExpert® LxT
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2024-06-27 11:14:25
Stop	2024-06-27 11:24:25
Duration	00:10:00.0
Run Time	00:10:00.0
Pause	00:00:00.0
Pre-Calibration	2024-06-24 10:16:00
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Overload	121.7 dB

	A	C	Z
Under Range Peak	**78.3**	75.3	80.3 dB
Under Range Limit	**24.0**	24.9	30.8 dB
Noise Floor	14.9	15.8	21.7 dB

	First	Second	Third
Instrument Identification			

Results

LA_{eq}	68.4 dB	
LAE	96.2 dB	
EA	461.221 µPa²h	
$LA_{pk\ (max)}$	2024-06-27 11:18:46	97.9 dB
LAS_{max}	2024-06-27 11:20:46	82.8 dB
LAS_{min}	2024-06-27 11:16:17	53.3 dB
SEA	-99.9 dB	

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LA_{pk} > 135.0 dB	0	0.0 s
LA_{pk} > 137.0 dB	0	0.0 s
LA_{pk} > 140.0 dB	0	0.0 s

Community Noise	LDN	LDay 07:00-22:00	LNight 22:00-07:00	LDEN	LDay 07:00-19:00	LEvening 19:00-22:00
	68.4	68.4	-99.9	68.4	68.4	-99.9

LC_{eq}	73.2 dB
LA_{eq}	68.4 dB
LC_{eq} - LA_{eq}	4.8 dB
LAI_{eq}	71.2 dB
LA_{eq}	68.4 dB
LAI_{eq} - LA_{eq}	2.8 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L_{eq}	68.4		73.2			
$L_{S(max)}$	82.8	2024/06/27 11:20:46				
$L_{S(min)}$	53.3	2024/06/27 11:16:17				
$L_{pk(max)}$	97.9	2024/06/27 11:18:46				

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Statistics

LA 5.00	76.1 dB
LA 10.00	72.7 dB
LA 33.30	61.0 dB
LA 50.00	59.5 dB
LA 66.60	58.5 dB
LA 90.00	56.5 dB

Calibration History					
Preamp	**Date**	**dB re. 1V/Pa**	**6.3**	**8.0**	**10.0**
Direct	2022-05-04 11:10:46	-26.06	27.43	32.65	28.67
Direct	2022-05-04 09:39:37	-49.86	50.25	43.95	39.40
PRMLxT1	2022-05-05 08:52:08	-49.12	23.26	48.28	135.19
PRMLxT1	2022-05-05 07:17:36	-49.03	-∞	-∞	-∞
PRMLxT1L	2024-06-24 10:16:00	-28.03	54.54	62.56	51.90
PRMLxT1L	2024-06-04 14:32:13	-27.80	45.90	57.54	52.72
PRMLxT1L	2024-06-04 09:14:03	-28.14	60.82	60.91	64.03
PRMLxT1L	2024-05-14 13:40:49	-28.02	62.20	68.07	66.45
PRMLxT1L	2024-05-08 08:47:52	-28.06	89.52	83.49	70.83
PRMLxT1L	2024-03-26 10:56:53	-28.04	57.31	63.37	45.44
PRMLxT1L	2024-03-25 16:33:30	-28.05	59.72	66.56	64.95
PRMLxT1L	2024-03-19 12:50:17	-27.99	74.51	77.13	59.35
PRMLxT1L	2023-12-05 09:30:41	-27.92	74.90	65.51	53.82
PRMLxT1L	2023-11-07 15:20:59	-27.93	63.62	65.83	79.84
PRMLxT1L	2023-10-17 12:24:41	-28.01	84.78	77.11	84.81
Unknown	2023-10-25 02:35:07	-28.03	64.51	63.65	69.91
Unknown	2023-10-25 02:34:42	-28.12	63.90	65.39	64.19
Unknown	2023-10-25 02:33:51	-28.06	75.35	75.93	76.37

Noise Measurement Field Data

Project:	Maverik- Lodi	**Job Number:**	197774001.1.270
Site No.:	ST-4	**Date:**	6/27/2024
Analyst:	Brad Stoneman, Gracielle Garin, Max Macke	**Time:**	9:50-10:00 AM
Location:	North of project site, adjacent to Hampton Inn & Suites, along Beckman Road.		
Noise Sources:	Vehicles, Hotel Pool Equipment, Landscapers mowing and leaf blowing		
Comments:	**2:13 - Leafblower in distance, 3:00 Semi truck, 4:40 paused for leaf blower**		

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
69.1	51.1	81.9	96.6

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	73
Wind (mph):	7 wind, 13 gusts
Sky:	Clear
Bar. Pressure:	
Humidity:	

Photo:



Kimley»Horn

Summary

File Name on Meter	LxT_Data.104.s
File Name on PC	LxTse_0006073-20240627 105300-LxT_Data.104.ldbin
Serial Number	0006073
Model	SoundExpert® LxT
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2024-06-27 10:53:00
Stop	2024-06-27 11:03:00
Duration	00:10:00.0
Run Time	00:04:44.1
Pause	00:05:15.9
Pre-Calibration	2024-06-24 10:16:00
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Frequency Weighting	A Weighting
OBA Max Spectrum	Bin Max
Overload	121.7 dB

	A	C	Z
Under Range Peak	**78.3**	75.3	80.3 dB
Under Range Limit	**24.0**	24.9	30.8 dB
Noise Floor	14.9	15.8	21.7 dB

	First	Second	Third
Instrument Identification			

Results

L_{Aeq}	69.1 dB	
LAE	93.6 dB	
EA	256.583 µPa²h	
$L_{Apk\ (max)}$	2024-06-27 11:00:07	96.6 dB
L_{ASmax}	2024-06-27 11:00:08	81.9 dB
L_{ASmin}	2024-06-27 10:59:26	51.1 dB
SEA	-99.9 dB	

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
L_{Apk} > 135.0 dB	0	0.0 s
L_{Apk} > 137.0 dB	0	0.0 s
L_{Apk} > 140.0 dB	0	0.0 s

Community Noise	LDN	LDay 07:00-22:00	LNight 22:00-07:00	LDEN	LDay 07:00-19:00
	69.1	69.1	-99.9	69.1	69.1

L_{Ceq}	78.3 dB
L_{Aeq}	69.1 dB
L_{Ceq} - L_{Aeq}	9.2 dB
L_{AIeq}	71.1 dB
L_{Aeq}	69.1 dB
L_{AIeq} - L_{Aeq}	2.0 dB

	A		C		
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**
L_{eq}	69.1		78.3		
$L_{S(max)}$	81.9	2024/06/27 11:00:08			
$L_{S(min)}$	51.1	2024/06/27 10:59:26			
$L_{pk(max)}$	96.6	2024/06/27 11:00:07			

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Statistics

LA 5.00	75.8 dB
LA 10.00	74.0 dB
LA 33.30	66.8 dB
LA 50.00	61.5 dB
LA 66.60	56.6 dB
LA 90.00	52.3 dB

Calibration History				
Preamp	**Date**	**dB re. 1V/Pa**	**6.3**	**8.0**
Direct	2022-05-04 11:10:46	-26.06	27.43	32.65
Direct	2022-05-04 09:39:37	-49.86	50.25	43.95
PRMLxT1	2022-05-05 08:52:08	-49.12	23.26	48.28
PRMLxT1	2022-05-05 07:17:36	-49.03	-∞	-∞
PRMLxT1L	2024-06-24 10:16:00	-28.03	54.54	62.56
PRMLxT1L	2024-06-04 14:32:13	-27.80	45.90	57.54
PRMLxT1L	2024-06-04 09:14:03	-28.14	60.82	60.91
PRMLxT1L	2024-05-14 13:40:49	-28.02	62.20	68.07
PRMLxT1L	2024-05-08 08:47:52	-28.06	89.52	83.49
PRMLxT1L	2024-03-26 10:56:53	-28.04	57.31	63.37
PRMLxT1L	2024-03-25 16:33:30	-28.05	59.72	66.56
PRMLxT1L	2024-03-19 12:50:17	-27.99	74.51	77.13
PRMLxT1L	2023-12-05 09:30:41	-27.92	74.90	65.51
PRMLxT1L	2023-11-07 15:20:59	-27.93	63.62	65.83
PRMLxT1L	2023-10-17 12:24:41	-28.01	84.78	77.11
Unknown	2023-10-25 02:35:07	-28.03	64.51	63.65
Unknown	2023-10-25 02:34:42	-28.12	63.90	65.39
Unknown	2023-10-25 02:33:51	-28.06	75.35	75.93

Project: **Maverik Lodi**

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	Daytime hours (7 am to 7 pm)	8
	Evening hours (7 pm to 10 pm)	0
	Nighttime hours (10 pm to 7 am)	0
Leq to L10 factor		3

	Receptor (Land Use)	Average Distance (feet)	Distance to Property Line (feet)	Shielding	Direction
1	Residential	1	25	0	E
2	Residential	2	75	0	W
3	Residential	3	530	0	S
4	Residential	4	948	0	E

Construction Noise Levels by Phase (Leq)				
Site Preparation	Grading	Building Construction	Paving	Architectural Coating
78.1	79.7	78.1	72.7	64.2
69.1	72.3	72.4	74.6	59.7
66.8	66.4	63.9	60.9	50.6
56.9	61.7	60.7	56.1	47.3

					RECEPTOR 1			RECEPTOR 2			RECEPTOR 3			RECEPTOR 4		
Construction Phase	Equipment Type	No. of Equip.	Acoustical Usage Factor	Reference Noise Level at 50ft per Unit, Lmax	Distance (feet)	Noise Level at Receptor 1, Lmax	Noise Level at Receptor 1, Leq	Distance (feet)	Noise Level at Receptor 2, Lmax	Noise Level at Receptor 2, Leq	Distance (feet)	Noise Level at Receptor 3, Lmax	Noise Level at Receptor 3, Leq	Distance (feet)	Noise Level at Receptor 4, Lmax	Noise Level at Receptor 4, Leq
Site Preparation																
	Tractor	4	40%	84	150	80.5	76.5	420	71.5	67.6	550	69.2	65.2	950	64.4	60.5
	Dozer	3	40%	82	150	76.9	72.9	420	68.0	64.0	550	65.6	61.7	950	60.9	56.9
	Combined LEQ						**78.1**			**69.1**			**66.8**			**56.9**
Grading																
	Grader	1	40%	85	120	77.4	73.4	337	68.4	64.4	550	64.2	60.2	950	59.4	55.4
	Dozer	1	40%	82	120	74.1	70.1	420	63.2	59.2	550	60.9	56.9	950	56.1	52.1
	Tractor	3	40%	84	120	81.2	77.2	420	70.3	66.3	550	67.9	64.0	950	63.2	59.2
	Excavator	1	40%	81	120	73.1	69.1	113	73.6	69.6	550	59.9	55.9	950	55.1	51.1
	Combined LEQ						**79.7**			**72.3**			**66.4**			**61.7**
Building Construction																
	Crane	1	16%	81	140	71.7	63.7	271	65.9	58.0	716	57.5	49.5	1043	54.2	46.3
	Tractor	3	40%	84	140	79.8	75.8	271	74.1	70.1	716	65.7	61.7	1043	62.4	58.4
	Generator	1	50%	81	140	71.7	68.6	271	65.9	62.9	716	57.5	54.5	1043	54.2	51.2
	Welder/Torch	1	40%	74	140	65.1	61.1	271	59.3	55.3	716	50.9	46.9	1043	47.6	43.6
	Forklift	3	40%	80	140	75.8	71.8	271	70.1	66.1	716	61.7	57.7	1043	58.4	54.4
	Combined LEQ						**78.1**			**72.4**			**63.9**			**60.7**
Paving																
	Paver	4	50%	77	140	74.3	71.3	112	76.2	73.2	545	62.5	59.5	942	57.7	54.7
	Roller	2	20%	80	140	74.1	67.1	112	76.0	69.0	545	62.3	55.3	942	57.5	50.5
	Combined LEQ						**72.7**			**74.6**			**60.9**			**56.1**
Architectural Coating																
	Compressor (air)	1	40%	78	150	68.2	64.2	250	63.7	59.7	716	54.6	50.6	1043	51.3	47.3
	Combined LEQ						**64.2**			**59.7**			**50.6**			**47.3**

Source for Ref. Noise Levels: RCNM, 2005

* source for any user defined equipment/data

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Lodi Maverik
Project Number:
Scenario: Existing
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

									Vehicle Mix		Distance from Centerline of Roadway		
				Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at	Distance to Contour			
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	50 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1	Kettleman Lane	I-99 On-ramp/Off-ramp to Wells Lane	4	20	8,380	45	0	2.0%	1.0%	66.2	-	65	206	653
2	Beckman Road	Kettleman Lane to Harney Lane	2	0	1,342	35	0	2.0%	1.0%	55.0	-	-	-	50

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: Lodi Maverik
Project Number:
Scenario: Existing Plus Project
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

									Vehicle Mix		Distance from Centerline of Roadway		
				Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at	Distance to Contour			
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	50 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1	Kettleman Lane	I-99 On-ramp/Off-ramp to Wells Lane	4	20	14,621	45	0	8.3%	4.1%	72.0	80	252	798	2,524
2	Beckman Road	Kettleman Lane to Harney Lane	2	0	3,055	35	0	52.6%	17.5%	68.9	39	123	388	1,227

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

APPENDIX E

TRAFFIC STUDY TECHNICAL MEMORANDUM

Technical Memorandum

December 4, 2024

To	Dorothy Kam	**Contact No.**	916-245-4211
From	Kamesh Vedula, GHD; Zach Stinger, GHD, Amanda Hight, GHD	**Email**	Kamesh.Vedula@ghd.com
Project Name	Lodi Maverik Gas Station	**Project No.**	12585843
Subject	Lodi Maverik Gas Station Traffic Study Technical Memorandum		

1. Executive Summary

In this study, “Project” refers to the proposed Maverik Gas Station and other associated land uses to be located at the southeast corner of Kettleman Lane and Business Park Drive/Beckman Road (West), just east of Interstate 5 (I-5). The gas station will service both personal vehicles and trucks, with 14 vehicle fueling positions to be located on the north end of the project site, and 7 truck fueling positions to be located at the south end of the project site. The project convenience store is proposed to be 5,982 square feet (sf) and would be located in the center of the project site with 39 parking stalls. Other planned land uses are listed below.

- 2 commercial land uses - 2,047 sf and 2,453 sf
- 1 drive through restaurant - 3,003 sf
- 1 coffee drive through - 2,850 sf
- 1 dine-in restaurant - 6,718 sf
- 1 grocery/drug store – 7,919 sf.

The Project is anticipated to generate an estimated 266 net new vehicle trips during the AM peak hour and 243 net new vehicle trips during the PM peak hour at the study intersection locations. The study analyzed nine intersections and four roadway segments.

The Kettleman Lane will operate at LOS F with the current 4-lane configuration under the cumulative and cumulative plus project scenarios. With the planned improvement (6-lane configuration as identify in the City’s General Plan Transportation section), Kettleman Lane will operate at the acceptable LOS. The project is responsible for right-of-way dedication and frontage improvement along Kettleman Lane including the additional eastbound lane.

The Cherokee Lane/Kettleman Lane and SR 99 SB Ramps/Kettleman Lane intersections with the 4-lane Kettleman Lane configuration will operate at LOS F during PM peak hour under the cumulative and cumulative plus project scenarios. With the planned improvement on Kettleman Lane will operate at the acceptable LOS. No fair share of the planned improvement is required for the project.

The Business Park Drive-Beckman Road (West)/Kettleman Lane intersection will operate at LOS F during the PM peak under the cumulative and cumulative plus project scenarios. The intersection is expected to operate at LOS F even with the restriction to right-in and right-out and the planned improvements to Kettleman Lane

configuration due to the heavy northbound right traffic projected at this intersection. No improvement is proposed at this intersection and it will continue to operate unacceptably.

The Pixley Parkway/Kettleman Lane intersection with the two-way stop controlled and the 4-lane Kettleman Lane configuration is operating at LOS F during the PM peak hour under the existing and existing plus project scenarios. This intersection with traffic signal and 4-lane Kettleman Lane configuration will operate acceptably under the cumulative and cumulative plus project scenarios. No fair share of the traffic signal is required for the project.

The project is responsible for the signal modification of at the Beckman Road (east)-Project Driveway/Kettleman Lane including the outbound south leg and a 150-foot westbound left turn pocket with 90-foot bay taper. Additionally, it is recommended that approximately 120-foot median divider with a northbound left turn lane and through/right turn lane be constructed on the primary project driveway at Kettleman Lane to minimize queue spillback to/from Kettleman Lane. This might impact the site layout by shifting the first drive aisle to the south.

2. Introduction

The City of Lodi has retained GHD to perform a traffic study for the proposed Maverik Gas Station, commercial retail, restaurants, coffee shop, and grocery store/drug store (referred to herein as the "Project"). The proposed project would be located in the southeast corner of Kettleman Lane and Business Park Drive/Beckman Road (West), just east of Interstate 5 (I-5). This technical memorandum has been prepared to present the following:

- Technical analysis parameters and methodologies.
- Study intersections, data collection, and existing conditions assessment.
- Project description including quantification of the trip generation and trip distribution.
- Intersection & Roadway operations: Existing Conditions, Existing Plus Project Conditions, Cumulative Conditions, and Cumulative Plus Project Conditions

3. Study Area Context & Data Collection

This section presents the study locations that were evaluated within this memorandum. In addition, this section provides an overview of the transportation facilities as it relates to crash history and multimodal connectivity within the study area. Traffic count data is provided in Appendix A. The project location and study facilities are presented in Figure 3.1.

3.1 Study Locations

For this study, four (4) roadway segment locations were identified for roadway operations analysis. These locations were counted along East Kettleman Lane and Beckman Road (West) during a 24-hour period on June 23, 2022, and include:

1. East Kettleman Lane, west of SR 99
2. East Kettleman Lane, east of SR 99
3. East Kettleman Lane, east of Beckman Road
4. Beckman Road (West), south of East Kettleman Lane

In addition, existing intersections one through five below were originally identified for AM and PM peak hour level of service (LOS) evaluation under each analysis scenario. Peak hour turning movement counts were collected at intersections one through five on Thursday, June 23, 2022. New PM peak hour counts were collected for all intersections stated below on Thursday, May 9, 2024. Additionally, an AM peak hour count was

collected on the same day for Pixley Parkway. The new PM peak hour counts were collected to update traffic data as a field visit identified an earlier PM peak hour than what was collected in 2022. The counts for the Pixley Parkway AM peak period were collected from 7 – 9 AM, and the PM peak period counts for all intersections were collected from 2 – 6 PM. The analysis performed utilized the AM peak hour counts from June 23, 2022, the May 9, 2024 AM peak hour counts for Pixley Parkway, and the May 9, 2024 PM peak hour counts for all intersections.

Note: Kettleman Lane west of the SR 99 ramps is a State Route (SR) in Caltrans jurisdiction.

1. East Kettleman Lane (SR 12) @ South Cherokee Lane
2. East Kettleman Lane (SR 12) @ SR 99 Southbound Ramps
3. East Kettleman Lane (SR 12) @ SR 99 Northbound Ramps
4. East Kettleman Lane @ Beckman Road (West)
5. East Kettleman Lane @ Beckman Road (East)
6. East Kettleman Lane @ Pixley Parkway

3.2 Crash History

Crash data was gathered from the Statewide Integrated Traffic Records System (SWITRS) for the years 2017 to 2021. This data was reviewed for crash severity and crash cause at the study intersections. (Note: No crashes at East Kettleman Lane and Beckman Road (East) were recorded in this dataset.) In total, there were 35 crashes that were reported at these locations within the five-year analysis period. Table 3.1 presents the severity of crashes that occurred during this five-year analysis period. As shown, there were no fatalities or serious injury crashes reported.

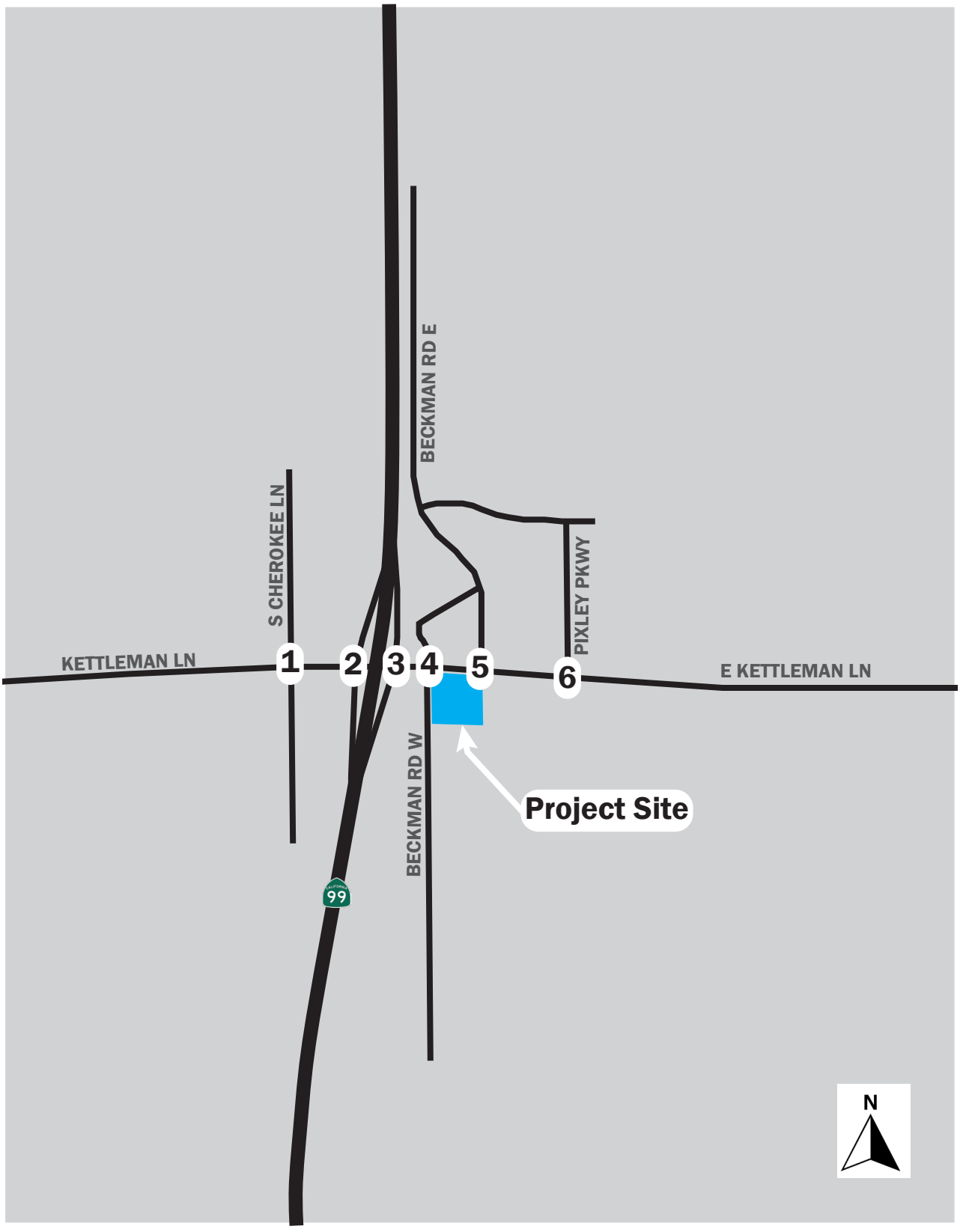
Table 3.1 Crash Severity (5-year)

Intersection	Severity			Total
	Property Damage Only	Other Visible	Complaint of Pain	
1. Cherokee Ln at E Kettleman Ln	12	2	8	22
2. E Kettleman Ln at Rt 99 SB	5			5
3. E Kettleman Ln at RT 99 NB	1			1
4. E Kettleman Ln at S Beckman Rd	3			3
5. E Kettleman Ln at N Beckman Rd				0
6. E Kettleman Ln at Pixley Pkwy		1	3	4

Table 3.2 presents the crash cause category as reported within the dataset during this five-year analysis period. As shown, the majority of crash causes involved unsafe speed.

Table 3.2 Crash Cause Type

Cause of Crash	Intersections					
	1. Cherokee Ln at E Kettleman Ln	2. E Kettleman Ln at Rt 99 SB	3. E Kettleman Ln at RT 99 NB	4. E Kettleman Ln at S Beckman Rd	5. E Kettleman Ln at N Beckman Rd	6. E Kettleman Ln at Pixley Pkwy
Unknown	1					
Driving or Bicycling under the Influence	5			1		
Unsafe Speed	5	4				
Following too Closely	1					
Wrong side of the road	1					1
Unsafe lane Changes	1					
Impropoer turning	1	1	1	1		1
Automobile Right of Way	1					2
Traffic Signal and signs	5					
Unsafe starting or backing	1			1		
Other improper driving						



Legend

Road

Project Site

\# Study Intersection

GHD

City of Lodi
Maverik Gas Station

Project Location
&
Study Facilities

Project No. 12585843
Report No. 001
Date 11/22/22

FIGURE 3.1

3.3 Multimodal Assessment

Sidewalk coverage is provided along East Kettleman Road in the study area west of SR 99. However, sidewalk coverage is limited to the north side of the roadway east of SR 99. Sidewalk coverage is limited to the west side of Beckman Road (East) in the study area, and no sidewalk is currently provided along Beckman Road (West). ADA features along sidewalks are intermittently provided within the study area.

There are no bicycle facilities along facilities in the study area along East Kettleman Lane between Cherokee Lane to the City limits however, the City of Lodi's General Plan identifies future Class II bicycle lanes along this roadway. There are currently Class II bicycle lanes on Beckman Road (East). There are currently no bicycle lanes on Beckman Road (West); however, the General Plan identifies future Class II bicycle lanes along this roadway. This project will provide right-of-way for potential widening in coordination with the city planning department.

The closest transit stop to the proposed project site is at the intersection of East Kettleman Lane and Cherokee Lane for Route 5 (weekday) and Route 5 and 31 (weekend). During weekday service, Route 5 provides access to Beckman Road (East) via a transit stop at the intersection of Auto Center Drive and Pixley Parkway.

There are currently two points along East Kettleman Lane within the study area with marked crosswalks, both of which are located west of SR 99. With future signalization and the addition of the fourth (south) leg at the intersection of East Kettleman Lane and Beckman Road (East), marked crosswalks should be provided for at least one approach for travel across East Kettleman Lane.

4. Project Description

The term "Project" as used in this study refers to the proposed Maverik Gas Station and other land uses proposed to be located in the southeast corner of Kettleman Lane and Business Park Drive/Beckman Road (West), just east of Interstate 5 (I-5). The gas station will service both personal vehicles and trucks, with 14 vehicle fueling positions to be located on the north end of the project site, and 7 truck fueling positions to be located at the south end of the project site. The project convenience store is proposed to be 5,982 square feet (sf) and would be located in the center of the project site with 39 parking stalls. Other planned land uses are listed below.

- 2 commercial land uses - 2,047 sf and 2,453 sf
- 1 drive through restaurant - 3,003 sf
- 1 coffee drive through - 2,850 sf
- 1 dine-in restaurant - 6,718 sf
- 1 grocery/drug store – 7,919 sf

4.1 Project Trip Generation

Project site trip generation has been estimated for the total number of vehicles fueling positions for personal vehicles (ITE Code 945) and trucks (ITE Code 950), separately. Project site trip generation for the commercial land uses (ITE Code 814) were estimated together, and grocery/drug store (ITE Code 880), dine-in restaurant (ITE Code 932), coffee drive through (ITE Code 937), and drive through restaurant (ITE Code 934) were estimated separately. These estimations were achieved by utilizing the Institute of Transportation Engineers (ITE) publication *Trip Generation Manual (11th Ed.)*.

Gas stations and convenience stores generally serve drivers that are on the roadway system and need to stop for services. Due to the proximity of the project site to I-5, a reduction of project trips was applied to account for vehicle trips already on the adjacent roadway network that stop at the proposed gas station and convenience store. These types of trips are typically considered pass-by trips.

Table 4.1 presents the project trip generation for Plus Project conditions for the Maverik Gas Station. As shown, the Project is anticipated to generate an estimated 266 net new vehicle trips during the AM peak hour and 243 net new vehicle trips during the PM peak hour at the study intersection locations.

Table 4.1 Project Trip Generation

Land Use Category (ITE Code)	Unit[1]	Daily Trip Rate/Unit[2]	AM Peak Hour Trip Rate/Unit			PM Peak Hour Trip Rate/Unit		
			Total	In %	Out %	Total	In %	Out %
Convenience Store/Gas Station (ITE - 945*)	VFP	346	31.60	50%	50%	26.90	50%	50%
Truck Stop (ITE - 950)	VFP	224	13.97	49%	51%	15.42	53%	47%
Fast-Food Restraunt with Drive-Through Window (ITE - 934)	KSF	467	44.61	51%	49%	33.03	52%	48%
Coffee/Dounut Shop with Drive-Through Window (ITE - 937)	KSF	534	85.88	51%	49%	38.99	50%	50%
High-Turnover (Sit-Down) Restaurant (ITE - 932)	KSF	107	9.57	55%	45%	9.05	61%	39%
Pharmacy w/o Drive-Through Window (ITE - 880)	KSF	90	2.94	65%	35%	8.51	49%	51%
Variety Store (ITE - 814)	KSF	64	3.04	55%	45%	6.70	51%	49%
Project Name	**Quantity (Units)**	**Daily Trips**	**AM Peak Hour Trips**			**PM Peak Hour Trips**		
			Total	In	Out	Total	In	Out
Convenience Store/Gas Station	14	4,841	442	221	221	377	189	188
Truck Stop	7	1,568	98	48	50	108	57	51
Fast-Food Restraunt with Drive-Through Window	3	1,404	134	68	66	99	51	48
Coffee/Dounut Shop with Drive-Through Window	3	1,521	245	125	120	111	56	55
High-Turnover (Sit-Down) Restaurant	7	720	64	35	29	61	37	24
Pharmacy	8	713	23	15	8	67	33	34
Commercial	5	286	14	8	6	30	15	15
Subtotal		**11,053**	**1,020**	**520**	**500**	**853**	**438**	**415**
Internal Capture w/ Convenience Store/Gas Station &Truck Stop (2)			*-94*	*-25*	*-69*	*-93*	*-52*	*-41*
Internal Capture w/ Restaurant (3)			*-98*	*-71*	*-27*	*-131*	*-55*	*-76*
Internal Capture w/ Retail (2)			*-4*	*-2*	*-2*	*-38*	*-24*	*-14*
Net External Trips for Convenience Store/Gas Station &Truck Stop (2)		***4,841***	***348***	*196*	*152*	***392***	*194*	*198*
Net External Trips for Restaurant (3)		***3,645***	***345***	*157*	*188*	***140***	*89*	*51*
Net External Trips for Retail (2)		***999***	***33***	*21*	*12*	***59***	*24*	*35*
Net External Project Trips		**9,485**	**726**	**374**	**352**	**591**	**307**	**284**
Pass-By Reduction for Project Name								
Daily	*50%*	*-4,667*						
AM	*50%*		*-460*	*-231*	*-229*		-	
PM	*50%*			-		*-348*	*-177*	*-171*
Net New Project Trips		**4,818**	**266**	**143**	**123**	**243**	**130**	**113**

Notes:
1. 1 ksf = 1,000 square feet DU = dwelling unit VFP = Vehicle Fueling Positions
2. Trip rates based on ITE Trip Generation Manual 11th edition fitted-curve equations or average rates
3. Pass-by reduction based on ITE Trip Generation Handbook 3rd Edition (September 2017). Conservative pass-by of 50% was applied for Gas Station, Truck Stop, Coffee Shop and Fast food.
4. Internal Capture rates based on ITE Trip Generation Handbook, 3rd Edition.

4.2 Project Trip Distribution and Assignment

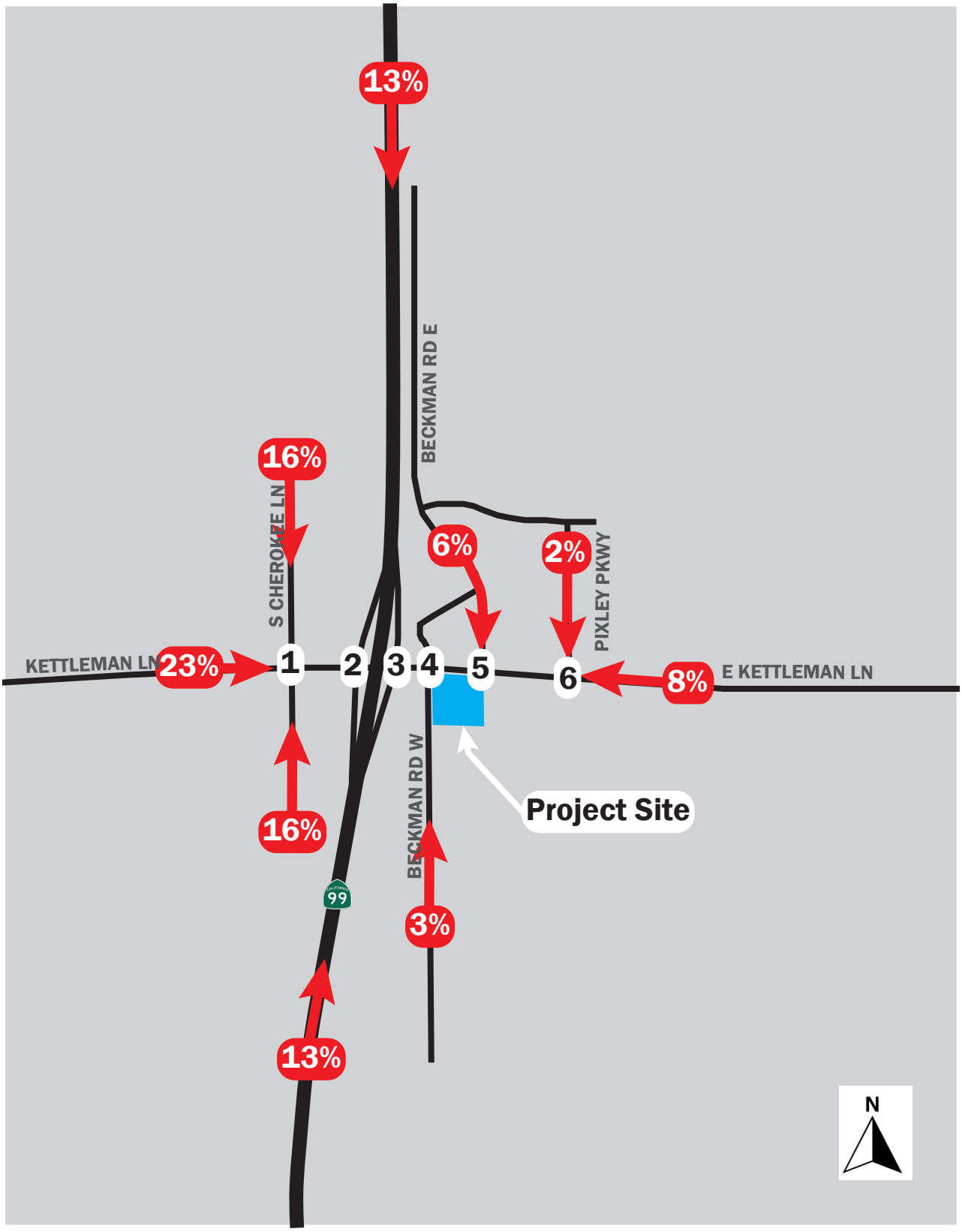
Based on a review of existing turning movements at study intersection locations and an understanding of the surrounding land uses, the Project trip distribution was determined to have the following split for Project trips:

- 13% from Northbound SR 99
- 13% from Southbound SR 99
- 16% from Northbound S. Cherokee Lane
- 16% from Southbound S. Cherokee Lane
- 23% from Eastbound East Kettleman Lane
- 3% from Northbound Beckman Road (W)
- 6% from Southbound Beckman Road (E)
- 2% from Southbound Pixley Parkway
- 8% from Westbound East Kettleman Lane

The project distribution is presented in Figure 4.1.

The pass-by trips were fully incorporated at the intersection of East Kettleman Lane & Beckman Road (E) for the PM peak hour and split based on existing volume patterns. The AM pass-by trips were split between SR 99 and the intersection of East Kettleman Lane & Beckman Road (E) as follows:

- 15% from Northbound SR 99
- 10% from Southbound SR 99
- 75% from intersection of East Kettleman Lane & Beckman Road (E)



Legend

Road
Project Site
Study Intersection
% Distribution (%)

GHD

City of Lodi
Maverik Gas Station

Project Trip Distribution

Project No. 12585843
Report No. 001
Date 11/22/22

FIGURE 4.1

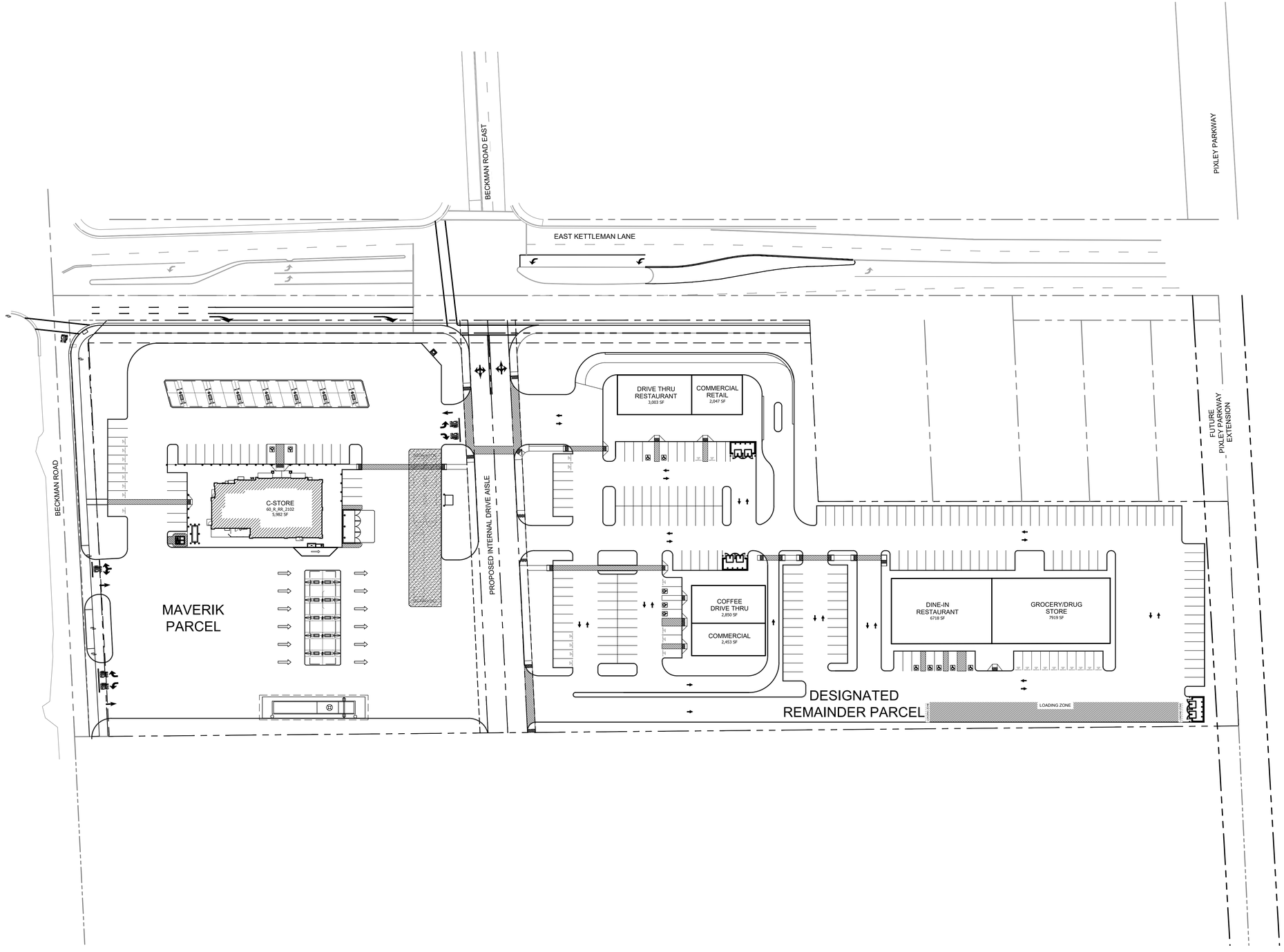
4.3 Circulation & Site Access

The project site plan is presented in Figure 4.2. The intersection of Kettleman Lane and Beckman Road (West) is side-street stop-controlled with restricted left turns onto Kettleman Lane. The intersection of Kettleman Lane and Beckman Road (East) is a three-leg signalized intersection. With the addition of the project, the intersection at Beckman Road (East) would be modified to include a fourth-leg (south leg) to allow turns into and out of the project site. The west leg should accommodate a 150-foot left turn pocket with a 90-foot bay taper.

As currently proposed, the intersection of Kettleman Lane and Beckman Road (West) will maintain its current alignment and control. As such, left turns out of the project side would be made via the Beckman Road (East) intersection. However, right turns out of the Beckman Road (West) intersection are permitted to make a U-turn at the Beckman Road (East) intersection.

Per the site plan, the Project will provide inbound/outbound access via Beckman Road (West) and outbound-only access via Kettleman Lane. Access via Beckman Road (West) is accommodated via two driveways (north and south). The City of Lodi has requested that the northly driveway allow only one inbound and one outbound lane. In addition, the City of Lodi has requested that all trucks use the southerly driveway on Beckman Road (West) due to the proximity of the northerly driveway to East Kettleman Lane. Based on the location of the truck fueling stations, it is anticipated that trucks will enter the site via the southerly driveway on Beckman Road (West) and exit the site via the intersection of East Kettleman Lane and Beckman Road (East). Non-truck vehicles are anticipated to primarily use both the northerly driveway on Beckman Road (West) and the intersection of East Kettleman Lane and Beckman Road (East) to enter/exit the site.

According to the site plan, truck turns are adequately accommodated with the proposed driveway and intersection configurations.



MAVERIK

185 SOUTH STATE STREET, SUITE 800
SALT LAKE CITY, UT. 84111

LEGEND

- EXISTING PROPERTY LINE
- ADJACENT EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- OLD CENTERLINE
- NEW CENTERLINE
- PROPOSED RIGHT-OF-WAY LINE
- EASEMENT LINE
- SECTION LINE
- EXISTING PAVEMENT LINE

SITE DATA		
MAVERIK PARCEL:	156,556 SF	3.59 AC
DESIGNATED PARCEL:	218,722 SF	5.02 AC
TOTAL PARCEL AREA:	375,278 SF	8.61 AC

NOTES:

- AREAS AND DIMENSIONS PROVIDED ARE APPROXIMATE AND SHOULD BE VERIFIED BY A SURVEY
- THIS PLAN IS FOR ILLUSTRATIVE PURPOSES ONLY
- THE BOUNDARIES OF THE PROPERTY SHOWN ON THIS DRAWING WERE CREATED FROM SCALED INFORMATION AND SHOULD NOT BE CONSIDERED ACCURATE.

NORTH

GRAPHIC SCALE IN FEET
0 25 50 100

#	DATE	DESCRIPTION	REVISED BY
1	09/07/2023	REVISED CONCEPTUAL SITE PLAN	NC
1	07/27/2023	REVISED CONCEPTUAL SITE PLAN	NC
1	06/29/2023	CONCEPTUAL SITE PLAN	LRP

JOB NUMBER 197344010 | DRAWN BY DR

CONCEPTUAL SITE PLAN

Kimley»Horn
555 CAPITOL MALL, SUITE 300, SACRAMENTO, CA 95814
916 858 5800 | WWW.KIMLEY-HORN.COM

5. Technical Analysis Parameters & Methodologies

The following section outlines the analysis parameters and methodologies that were used in the transportation impact study to quantify potential project impacts for the analysis scenarios.

5.1 Level of Service Methodologies

Traffic operations were quantified through the determination of "Level of Service" (LOS). Level of Service is a qualitative measure of traffic operating conditions, whereby a letter grade "A" through "F" is assigned to an intersection, or roadway segment, representing progressively worsening traffic conditions. LOS "A" represents free-flow operating conditions and LOS "F" represents over-capacity conditions. Levels of Service were calculated for all intersection control types using the methods documented in the Transportation Research Board publication Highway Capacity Manual, Sixth Edition, A Guide for Multimodal Mobility Analysis, 2016 (HCM 6).

5.1.1 Intersection Operations

The Synchro 11 (Trafficware) software program was used to implement the HCM 6 analysis methodologies to evaluate AM and PM peak hour conditions. Synchro 11 has the capability to produce results based on HCM 2000, HCM 2010, HCM 6, or Synchro methodologies, and takes into account intersection signal timing and queuing constraints when calculating delay, the corresponding delay, and queue lengths. Intersection Level of Service (LOS) was calculated for all control types using the methods documented in HCM 6. For signalized intersections, a LOS determination is based on the calculated averaged delay for all approaches and movements. For two-way or side-street stop-controlled (TWSC) intersections, a LOS determination is based upon the calculated average delay for all movements of the worst performing minor street approach. The vehicular-based LOS criteria for different types of intersection controls are presented in Table 5.1. All Synchro reports are included in Appendix B.

Table 5.1 Level of Service (LOS) Criteria for Intersections

Level of Service	Type of Flow	Delay	Maneuverability	Stopped Delay per Vehicle	
				Signalized	Un-signalized
A	Stable Flow	Very slight delay. Progression is very favorable, with most vehicles arriving during the green phase not stopping at all.	Turning movements are easily made, and nearly all drivers find freedom of operation.	≤10.0	≤10.0
B	Stable Flow	Good progression and/or short cycle lengths. More vehicles stop than for LOS A, causing higher levels of average delay.	Vehicle platoons are formed. Many drivers begin to feel somewhat restricted within groups of vehicles.	>10.0 and ≤20.0	>10.0 and ≤15.0
C	Stable Flow	Higher delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant, although many still pass through the intersection without stopping.	Back-ups may develop behind turning vehicles. Most drivers feel somewhat restricted	>20.0 and ≤35.0	>15.0 and ≤25.0
D	Approaching Unstable Flow	The influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, or high volume-to-capacity ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.	Maneuverability is severely limited during short periods due to temporary back-ups.	>35.0 and ≤55.0	>25.0 and ≤35.0

Level of Service	Type of Flow	Delay	Maneuverability	Stopped Delay per Vehicle	
				Signalized	Un-signalized
E	Unstable Flow	Generally considered to be the limit of acceptable delay. Indicative of poor progression, long cycle lengths, and high volume-to-capacity ratios. Individual cycle failures are frequent occurrences.	There are typically long queues of vehicles waiting upstream of the intersection.	>55.0 and ≤80.0	>35.0 and ≤50.0
F	Forced Flow	Generally considered to be unacceptable to most drivers. Often occurs with over saturation. May also occur at high volume-to-capacity ratios. There are many individual cycle failures. Poor progression and long cycle lengths may also be major contributing factors.	Jammed conditions. Back-ups from other locations restrict or prevent movement. Volumes may vary widely, depending principally on the downstream back-up conditions.	>80.0	>50.0

Technical Analysis Parameters

This traffic study focuses on a “planning level” evaluation of traffic operating conditions. The planning level evaluation incorporates appropriate heavy vehicle factors and peak hour factors and reports the resulting operational analysis as estimated using the HCM 6-based analysis methodologies. Assessments of “design level” parameters (including queuing on intersection lane groups, stacking length requirements, etc.) are not included in this study.

Table 5.2 presents the technical parameters that were utilized for the evaluation of the study intersections and ramp segments for the analysis scenarios. All parameters not listed should be assumed as default values or calculated based on the parameters listed.

Table 5.2 Technical Parameter Assumptions

	Technical Parameter	Assumption
1	Intersection Peak Hour Factor	Based on counts/Field Observations
2	Intersection Heavy Vehicle Percent	Based on counts, intersection overall (minimum of 2%)

Agency Level of Service Guidelines and Policies

City of Lodi: The City of Lodi’s General Plan Circulation Element contains the following policy pertaining to roadway LOS standards:

> *T-P11: Strive to comply with the Level of Service standards and other performance measures on Routes of Regional Significance as defined by the County-wide Congestion Management Program.*
>
> *T-P12 For purposes of design review and environmental assessment, apply a standard of Level of Service E during peak hour conditions on all streets in the City’s jurisdiction. The objective of this performance standard is to acknowledge that some level of traffic congestion during the peak hour is acceptable and indicative of an economically vibrant and active area, and that infrastructure design decisions should be based on the conditions that predominate during most of each day.*

Consistent with the City’s policies, this study will consider LOS “E” as the standard threshold acceptable operations for any intersection and roadway under the City of Lodi jurisdiction.

Caltrans:

Caltrans has transitioned away from LOS thresholds in favor of considering Vehicle Miles Traveled (VMT). Caltrans’ Guide for the Preparation of Traffic Impact Studies contains the following policy pertaining to the LOS standards within Caltrans jurisdiction:

> *Caltrans has transitioned away from LOS thresholds in favor of considering VMT. Caltrans’ Transportation Analysis Framework (TAF) and Transportation Analysis Under CEQA (TAC) state that intersection improvement projects are “not likely to lead to a measurable and substantial increase in*

VMT and which therefore generally should not require an induced travel analysis per OPR's Technical Advisory."

For these reasons, the City of Lodi's LOS thresholds will be applied to all applicable intersections. For the purposes of this study, the study intersections will be analyzed at a threshold of LOS "E" in accordance to City of Lodi guidelines.

VMT has replaced LOS as the criterion used to evaluate transportation impacts under the California Environmental Quality Act (CEQA). The California Code of Regulations (14 CCR §15064.3) states the following criteria for analyzing transportation impacts:

(2) Transportation Projects. Transportation projects that reduce, or have no impact on, vehicle miles traveled should be presumed to cause a less than significant transportation impact.

The OPR Technical Advisory identifies that in rural areas fewer options may be available for reducing VMT, and significance thresholds may be best determined on a case-by-case basis. The Advisory goes on to recommend that because new retail development typically redistributes shopping trips from other retail destinations rather than creates new trips, lead agencies should generally analyze retail project's transportation impacts by assessing the total change in VMT.

A retail project might lead to decreases in VMT, depending on previously existing retail travel patterns. For example, by adding retail opportunities to the immediate landscape and thereby improving the proximity of retail destinations, "local-serving retail" tends to shorten trips and reduce VMT. As such, local-serving retail is generally considered by lead agencies to create a less-than-significant transportation impact.

One screening threshold identified in the OPR Technical Advisory is specific to retail development. The Technical Advisory provides that a lead agency may "screen out" local-serving retail development from further CEQA VMT review since it typically redistributes shopping trips rather than creates new trips. As such, OPR states that "lead agencies generally may presume such development creates a less-than-significant impact."

The Maverik Gas Station project is not likely to increase VMT significantly as majority of the motorists would utilize the facility on their way to another destination.

6. Intersection Operations

This section presents the results of AM and PM peak hour intersection operational analysis performed for the study locations using the technical parameters described in the preceding section.

The AM peak hour is defined as the one-hour of peak traffic flow (which is the highest total volume count over four consecutive 15-minute count periods) counted between 7:00 am and 9:00 am on a typical weekday. The PM peak hour is generally defined as the one hour of peak traffic flow counted between 4:00 pm and 6:00 pm on a typical weekday. AM counts from June 23, 2022, were used to analyze intersections one through five, and new counts from May 9, 2024 were used for intersection six. According to field observations (Wednesday, November 9, 2022 and August 13, 2024) and daily 24-hour traffic count data, the peak hour in the project vicinity starts at 3:30 PM, potentially due to a shift change at a nearby facility. Therefore, new counts were collected for the PM peak hour on May 9, 2024 to verify the PM peak hour that was determined for the June 23, 2022 counts. Therefore, the maximum is believed to be captured. The PM peak hour for intersection four in the new counts was 3:45 – 4:45 PM. 3:30 – 4:30 PM was analyzed instead to remain consistent with the 3:30 – 4:30 PM peak hour of the rest of the other study intersections.

In addition, due to the presence of heavy vehicles (trucks) within the study area, heavy vehicle percentages were based on peak hour traffic data collected at the study intersections. Heavy vehicle percentages ranged from 6.0 to 8.8-percent during the AM peak hour, and 2.7 to 4.0-percent during the PM peak hour.

6.1 Existing Conditions

The Existing conditions scenario represents existing transportation facilities serving the project site and establishes the traffic conditions which currently exist for those facilities. Existing conditions for weekday AM and PM peak hour intersection operations were quantified utilizing the existing traffic volumes and intersection lane geometrics and control. Field observations from August 13, 2024 showed westbound queues at intersection three backed up to intersection four consistently during the peak hour. Additionally, westbound queues at intersection three backed up to intersection five during the peak 15-minutes. To ensure that current operations were being adequately represented within Synchro, SimTraffic was used to compare queue lengths and adjustments to the peak hour factors were made to be consistent with what was observed in the field. The SimTraffic results for the PM peak hour are included in Appendix B.

Figure 6.1 presents the Existing peak hour turning movement volumes. Table 6.1 provides the delay (in sec/veh) and resulting LOS for the six study intersections under Existing conditions. As shown, all study intersections are projected to operate above the target LOS during the Existing conditions AM and PM peak hours except for intersection six. Intersection six (Pixley Parkway and East Kettleman Lane) is projected to operate at unacceptable LOS F in the PM peak hour.

Table 6.1 Existing Conditions Intersection Operations

#	Intersection	Control Type[1,2]	Target LOS	AM Peak Hour		PM Peak Hour	
				Delay	LOS	Delay	LOS
1	South Cherokee Lane & East Kettleman Lane	Signal	E	20.7	C	29.1	C
2	SR 99 SB Ramps & East Kettleman Lane	Signal	E	11.4	B	28.6	C
3	SR 99 NB Ramps & East Kettleman Lane	Signal	E	10.5	B	18.6	B
4	Beckman Road (West) & East Kettleman Lane	TWSC	E	11.1	B	15.6	C
5	Beckman Road (East) & East Kettleman Lane	Signal	E	9.3	A	14.1	B
6	**Pixley Parkway & East Kettleman Lane**	**TWSC**	**E**	10.6	B	**138.4**	**F**

Notes:

1. TWSC = Two Way Stop Control
2. LOS = Delay based on worst minor street approach for TWSC intersections, average of all approaches for Signal
3. **Bold** = Unacceptable Conditions

6.2 Existing Plus Project Conditions

Existing Plus Project Conditions were simulated by superimposing traffic generated by the proposed project onto existing intersection traffic volumes. The Project Only intersection peak hour turning movement volumes are presented in Figure 6.2. Signal modification is assumed at the intersection of East Kettleman Lane & Beckman Road (East) associated with adding the new south/fourth intersection leg. This analysis assumes the addition of a westbound left turn lane and protected phasing.

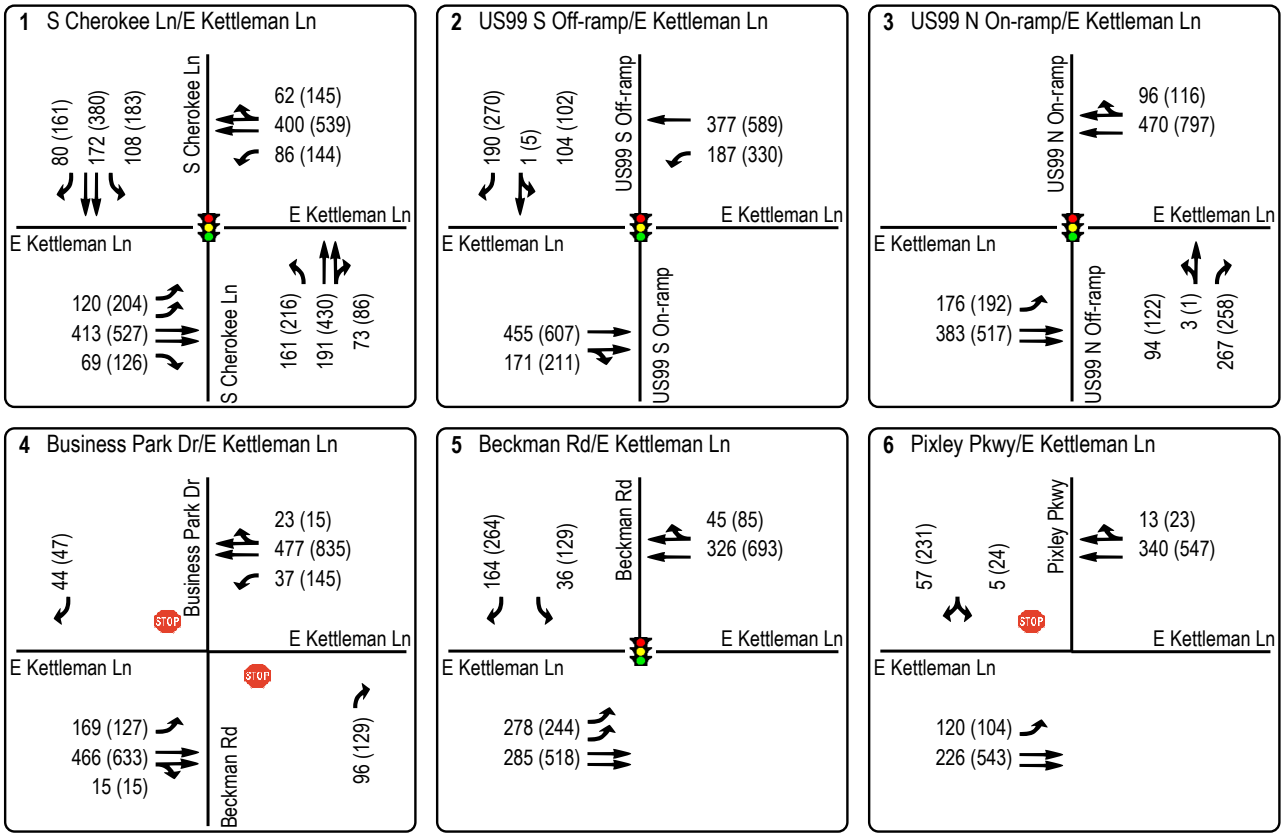
Figure 6.3 presents the Existing plus Project peak hour turning movement volumes. Table 6.2 presents a summary of the intersection operations for the weekday AM and PM peak hour scenarios for the Existing Plus Project Conditions. As shown, all study intersections are projected to operate at or below the target LOS during the Existing Plus Project conditions AM and PM peak hours except for intersection six. Intersection six is projected to continue to operate at LOS F in the PM peak hour.

Table 6.2 Existing Plus Project Intersection Operations

#	Intersection	Control Type[1,2]	Target LOS	AM Peak Hour		PM Peak Hour	
				Delay	LOS	Delay	LOS
1	South Cherokee Lane & East Kettleman Lane	Signal	E	21.4	C	31.1	C
2	SR 99 SB Ramps & East Kettleman Lane	Signal	E	12.8	B	31.1	C
3	SR 99 NB Ramps & East Kettleman Lane	Signal	E	10.9	B	19.1	B
4	Beckman Road (West) & East Kettleman Lane	TWSC	E	12.4	B	17.1	C
5	Beckman Road (East) & East Kettleman Lane	Signal	E	19.7	B	31.4	C
6	**Pixley Parkway & East Kettleman Lane**	**TWSC**	**E**	10.8	B	**151.6**	**F**
7	Beckman Road (West) & N West Driveway	TWSC	E	10.9	B	10.9	B
8	Beckman Road & S West Driveway	TWSC	E	4.3	A	1.5	A
9	Project Roadway & East Driveway	TWSC	E	12.0	B	11.2	B

Notes:

1. TWSC = Two Way Stop Control
2. LOS = Delay based on worst minor street approach for TWSC intersections, average of all approaches for Signal
3. **Bold** = Unacceptable Conditions



Legend

XX (YY) AM (PM) Peak Hour Volumes

Turn Lane

Traffic Signal

Stop Sign

Roundabout

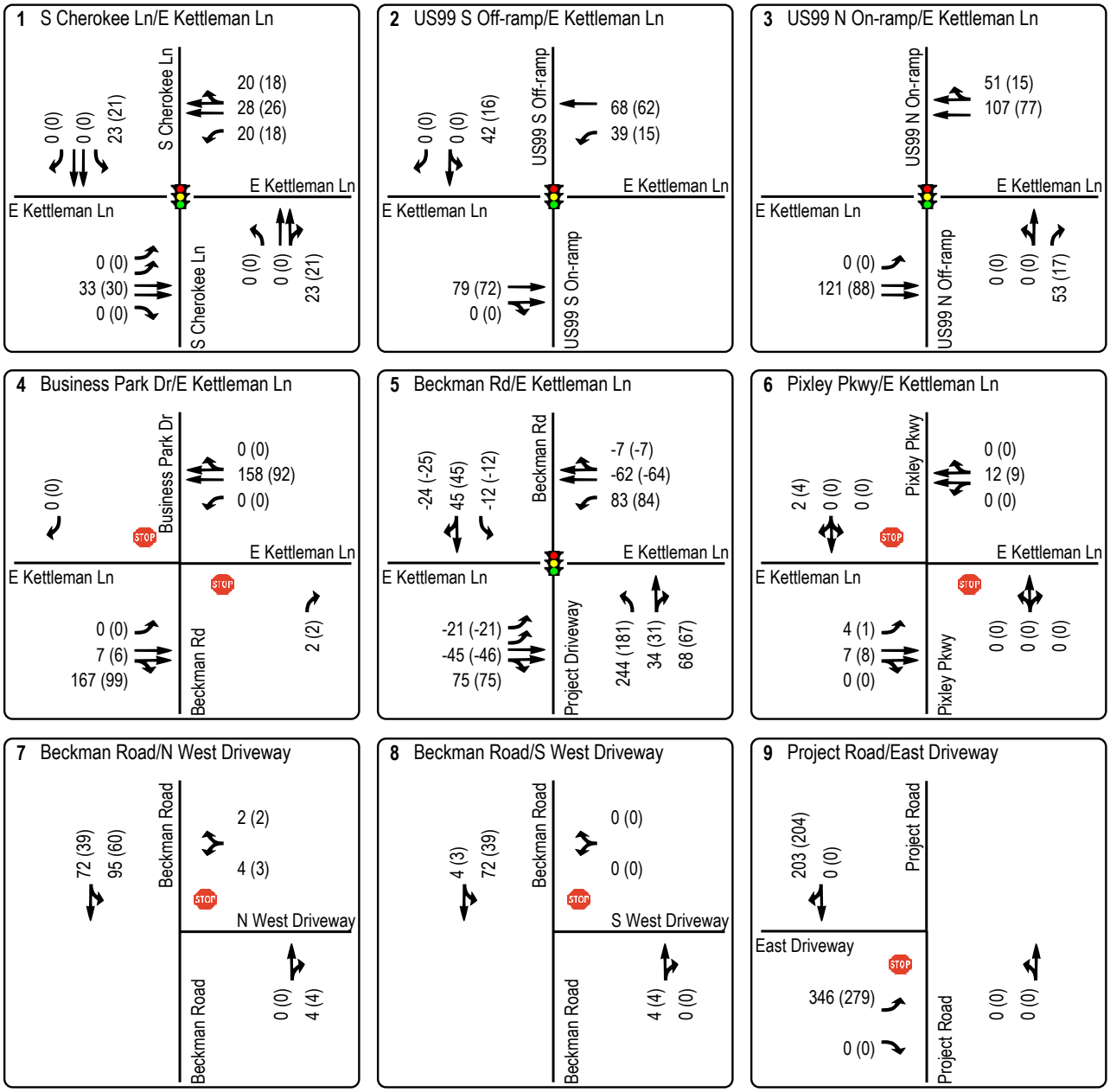
GHD

City of Lodi
Maverik Gas Station

Existing Conditions
Peak Hour Traffic Volumes,
Lane Geometries & Traffic Control

Project No. **12585843**
Report No. **001**
Date **9/27/24**

FIGURE 6.1



Note: Negative numbers are due to pass-by trips and are only rerouting trips to the project, not being removed from the network.

Legend

XX (YY) AM (PM) Peak Hour Volumes

Turn Lane | Stop Sign

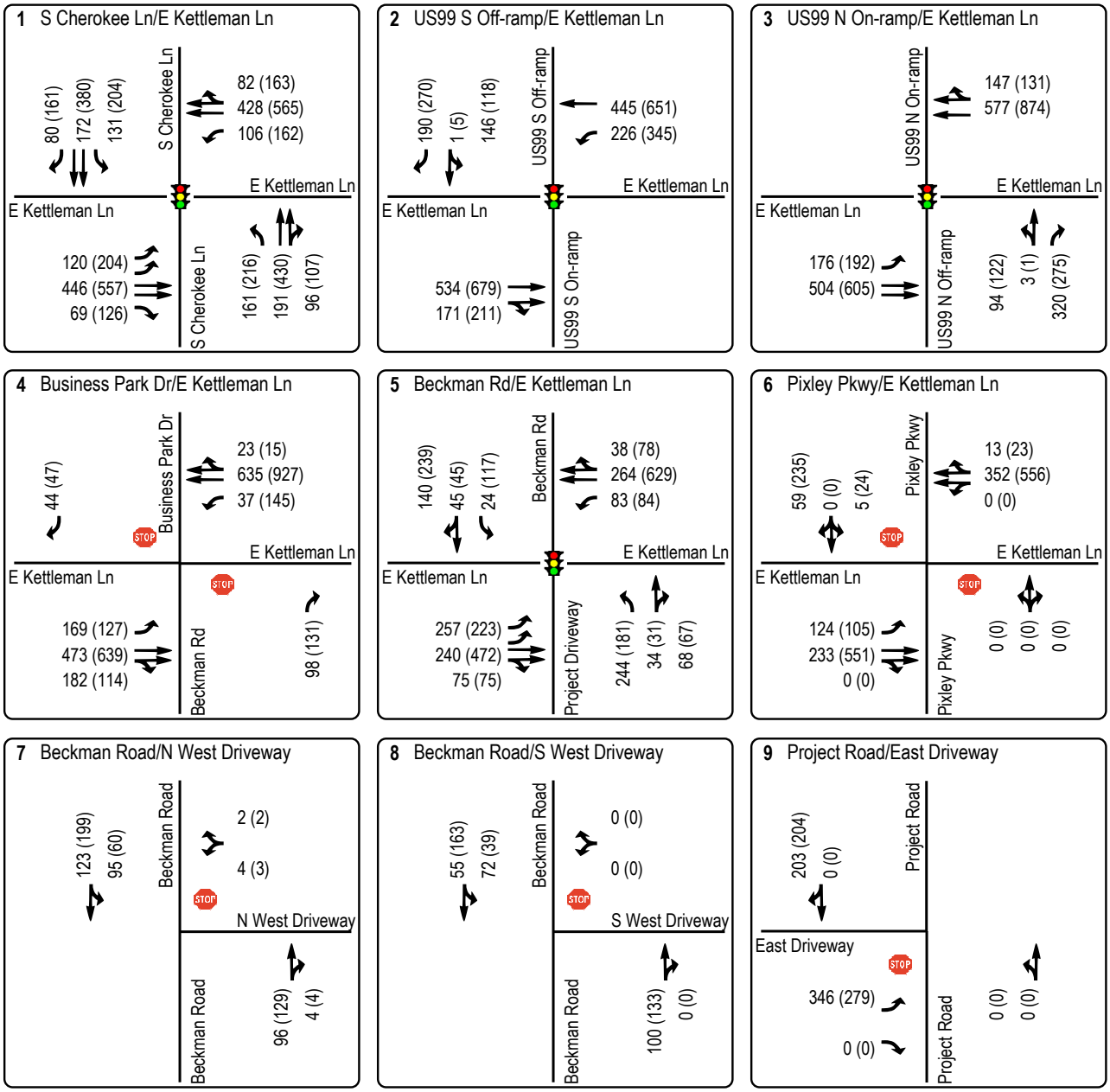
Traffic Signal | Roundabout

City of Lodi
Maverik Gas Station

Project Only
Peak Hour Traffic Volumes,
Lane Geometries & Traffic Control

Project No. **12585843**
Report No. **001**
Date **9/18/24**

FIGURE 6.2



Legend

XX (YY) AM (PM) Peak Hour Volumes

Turn Lane

Stop Sign

Traffic Signal

Roundabout

GHD

City of Lodi
Maverik Gas Station

Existing Plus Project
Peak Hour Traffic Volumes,
Lane Geometries & Traffic Control

Project No. **12585843**
Report No. **001**
Date **9/18/24**

FIGURE 6.3

6.3 Cumulative Conditions

Cumulative conditions refer to the analysis scenarios which reflect future conditions represented by local and regional growth in approximately 20 years in the future. This growth was estimated using the City of Lodi travel demand model. Cumulative No Project conditions was prepared to analyze the scenario that considers the projected 20-Year development forecast, including the currently planned and approved developments, but without the proposed Maverick Gas Station project. The Cumulative No Project conditions do not assume future widening of East Kettleman Lane to six-lanes between Cherokee Lane and SR-99 as it was not included in the City of Lodi General Plan Environmental Impact Report (EIR) because it did not have environmental clearance or funding identified.

The Cumulative Plus Project condition is the analysis scenario in which traffic impacts associated with the proposed Maverick Gas Station development are investigated in comparison to the Cumulative No Project conditions. Levels of Service were calculated for the study locations under Cumulative No Project and Cumulative Plus Project conditions.

For Cumulative conditions, it was assumed that the addition of a northbound approach in the future to Pixley Parkway would require the intersection to be signalized. As such the operations at this intersection were evaluated with a signal and the following geometrics:

- 100-foot right turn pockets (eastbound, westbound, and southbound approaches)
- 50-foot left turn pockets (northbound and southbound approaches)
- 315-foot left turn pockets (eastbound and westbound approaches)
- Channelized right turn lane (southbound approach)

6.3.1 Cumulative No Project Intersection Operations

Figure 6.4 presents the Cumulative No Project peak hour turning movement volumes. Table 6.3 presents a summary of the intersection operations for the weekday AM and PM peak hour scenarios for the Cumulative No Project Conditions. As shown in Table 6.3, three study intersections are projected to operate below the target LOS during the Cumulative No Project conditions PM peak hour.

- South Cherokee Lane & East Kettleman Lane
- SR 99 SB Ramps & East Kettleman Lane
- Beckman Road (West) & East Kettleman Lane (the westbound left and eastbound left movements at intersection are projected to operate at unacceptable LOS F)

Table 6.3 Cumulative No Project Intersection Operations

#	Intersection	Control Type[1,2]	Target LOS	AM Peak Hour		PM Peak Hour	
				Delay	LOS	Delay	LOS
1	**South Cherokee Lane & East Kettleman Lane**	**Signal**	**E**	45.1	D	**119.3**	**F**
2	**SR 99 SB Ramps & East Kettleman Lane**	**Signal**	**E**	30.4	C	**84.4**	**F**
3	SR 99 NB Ramps & East Kettleman Lane	Signal	E	25.3	C	50.7	D
4	**Beckman Road (West) & East Kettleman Lane**	**TWSC**	**E**	18.2	C	**58.0**	**F**
5	Beckman Road (East) & East Kettleman Lane	Signal	E	13.6	B	35.1	D
6	Pixley Parkway & East Kettleman Lane	Signal	E	23.7	C	39.3	D

Notes:

1. TWSC = Two Way Stop Control
2. LOS = Delay based on worst minor street approach for TWSC intersections, average of all approaches for Signal
3. **Bold** = Unacceptable Conditions

6.3.2 Cumulative Plus Project Intersection Operations

Figure 6.5 presents the Cumulative Plus Project peak hour turning movement volumes. Table 6.4 presents a summary of the intersection operations for the weekday AM and PM peak hour scenarios for the Cumulative Plus Project Conditions. Table 6.4 shows the results of intersection six as a signalized intersection.

As shown, three study intersections are projected to operate at unacceptable LOS during the Cumulative Plus Project conditions PM peak hour:

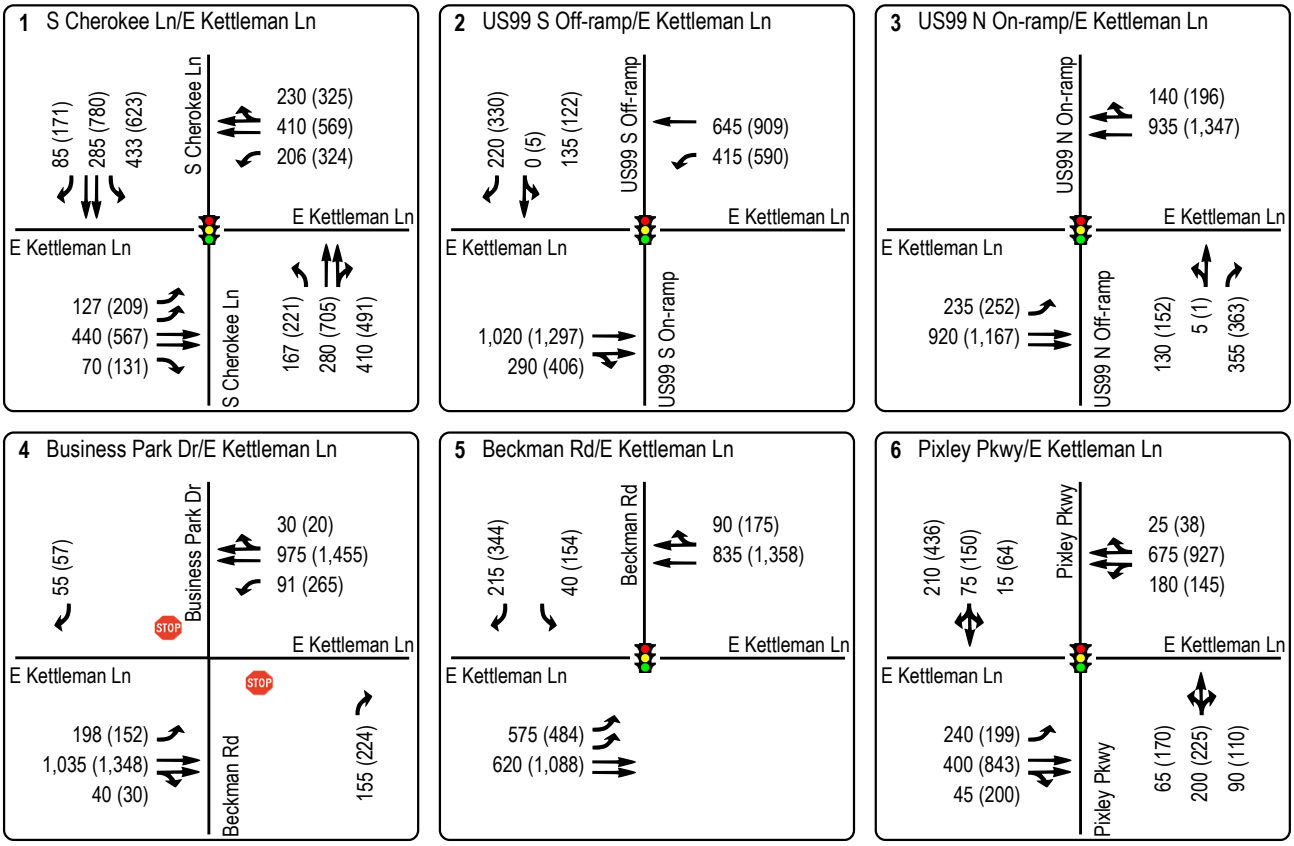
- South Cherokee Lane & East Kettleman Lane
- SR 99 SB Ramps & East Kettleman Lane
- Beckman Road (West) & East Kettleman Lane (the westbound left and eastbound left movements at intersection are projected to operate at unacceptable LOS F)

Table 6.4 Cumulative Plus Project Intersection Operations

#	Intersection	Control Type[1,2]	Target LOS	AM Peak Hour		PM Peak Hour	
				Delay	LOS	Delay	LOS
1	**South Cherokee Lane & East Kettleman Lane**	**Signal**	**E**	52.6	D	**140.7**	**F**
2	**SR 99 SB Ramps & East Kettleman Lane**	**Signal**	**E**	38.7	D	**134.7**	**F**
3	SR 99 NB Ramps & East Kettleman Lane	Signal	E	35.0	C	60.6	E
4	**Beckman Road (West) & East Kettleman Lane**	**TWSC**	**E**	22.0	C	**80.9**	**F**
5	Beckman Road (East) & East Kettleman Lane	Signal	E	42.4	D	67.8	E
6	Pixley Parkway & East Kettleman Lane	Signal	E	28.2	C	43.8	D
7	Beckman Road (West) & N West Driveway	TWSC	E	12.1	B	12.9	B
8	Beckman Road & S West Driveway	TWSC	E	2.7	A	7.8	A
9	Project Roadway & East Driveway	TWSC	E	12.0	B	11.2	B

Notes:

1. TWSC = Two Way Stop Control
2. LOS = Delay based on worst minor street approach for TWSC intersections, average of all approaches for Signal
3. **Bold** = Unacceptable Conditions



Legend

XX (YY) AM (PM) Peak Hour Volumes

Turn Lane | Stop Sign

Traffic Signal | Roundabout

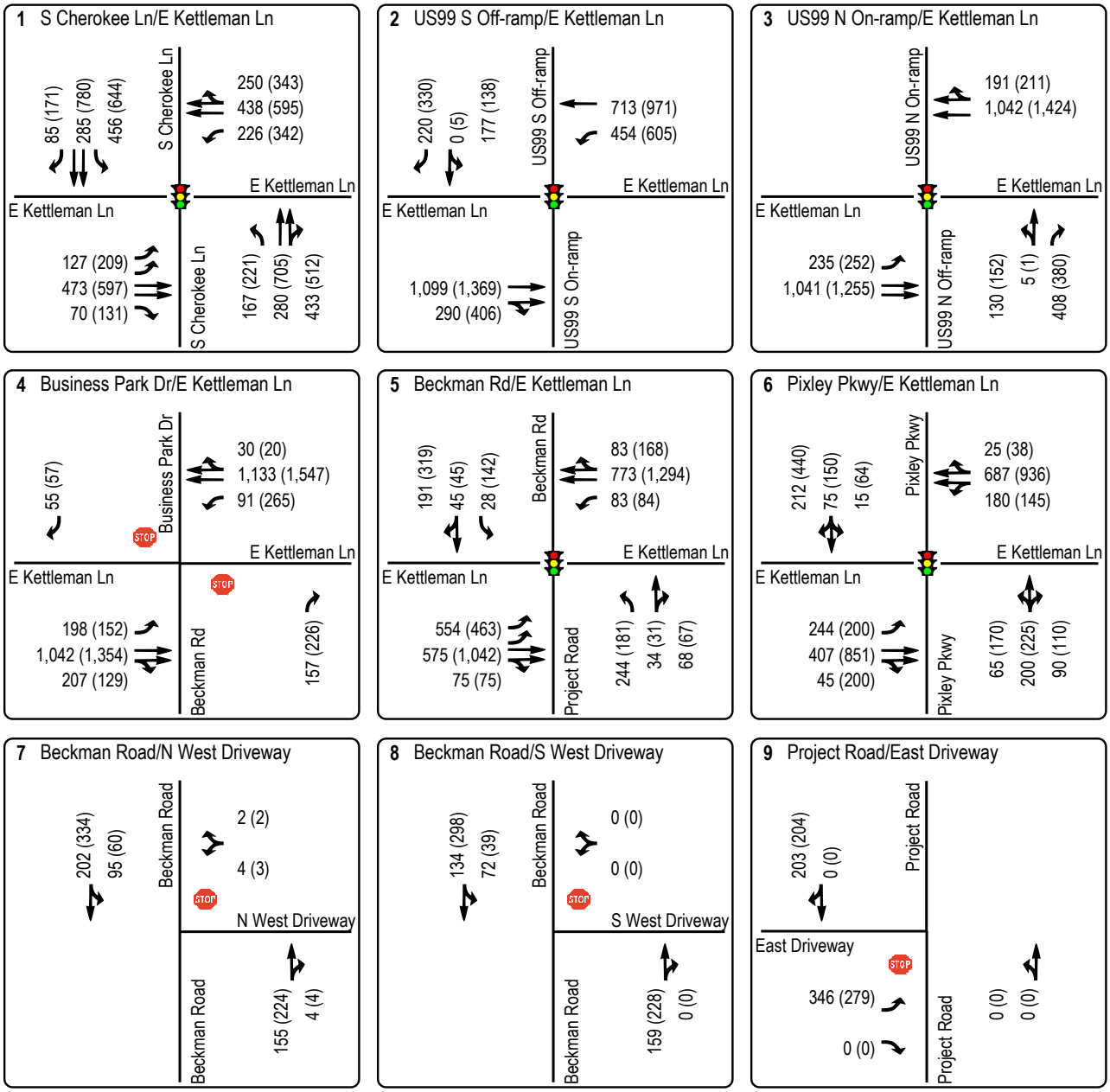
GHD

City of Lodi
Maverik Gas Station

Cumulative Conditions
Peak Hour Traffic Volumes,
Lane Geometries & Traffic Control

Project No. **12585843**
Report No. **001**
Date **9/19/24**

FIGURE 6.4



Legend

XX (YY) AM (PM) Peak Hour Volumes

Turn Lane

Traffic Signal

Stop Sign

Roundabout

GHD

City of Lodi
Maverik Gas Station

Cumulative Plus Project
Peak Hour Traffic Volumes,
Lane Geometries & Traffic Control

Project No. **12585843**
Report No. **001**
Date **9/25/24**

FIGURE 6.5

7. Roadway Segment Operations

Kettleman Lane runs east-west along the SR 12 alignment within the City of Lodi with connections to both Interstate 5 and SR 99. The roadway is referred to as East Kettleman Lane within the project vicinity. East Kettleman Lane is a four-lane major arterial street west of SR 99 and a four-lane minor arterial street east of SR 99. Beckman Road south of East Kettleman Lane is a two-lane collector in the study area which runs to East Harney Lane. SR 99 runs north-south through the City of Lodi and is immediately adjacent to the project site. Table 7.1 presents the existing daily traffic car and truck volumes collected along East Kettleman Lane and Beckman Road (West) within the study area during a 24-hour period on June 23, 2022.

Table 7.1 Existing Roadway Daily Volumes

	EB			WB			Total		
SEGMENT	Cars	Trucks	Total	Cars	Trucks	Total	Cars	Trucks	Total
East Kettleman Lane (4-lanes)									
West of SR 99 Northbound Ramps	8,866	373	9,239	9,486	650	10,136	18,352	1,023	19,375
East of SR 99 Northbound Ramps	8,886	553	9,439	9,218	655	9,873	18,104	1,208	19,312
East of Beckman Road*	5,424	213	5,637	5,528	196	5,724	10,952	409	11,361
Beckman Road (West) (2-lanes)									
South of East Kettleman Lane	1,179	6	1,185	1,182	10	1,192	2,361	16	2,377

The City of Lodi's General Plan Draft EIR (2009) includes average daily traffic (ADT) volume and LOS thresholds for roadway segments, shown in Table 7.2. The following table provides LOS thresholds for average daily traffic (ADT) volumes for two-lane, four-lane and six-lane arterials and two-lane collectors within the City of Lodi. Based on these thresholds, all study roadway segments in the project area are currently operating at LOS A. *(*Note: East Kettleman Lane is four-lanes immediately east of Beckman Road but is reduced to two-lanes east of Pixley Parkway. At this point, the roadway operates at LOS B.)*

Table 7.2 Roadway Segment ADT LOS Thresholds

Classification	ADT Volumes & LOS Thresholds				
	A	B	C	D	E
Arterial (2-Lane)	10,500	12,250	14,000	15,750	17,500
Arterial (4-Lane)	21,000	24,500	28,000	31,500	35,000
Arterial (6-Lane)	31,500	36,750	42,000	47,250	52,500
Collector (2-Lane)	7,500	8,750	10,000	11,250	12,500

7.1 Project Daily Traffic

With the addition of Project traffic, East Kettleman Lane west of SR 99 would experience an increase of 115 AM and 117 PM new peak hour trips, and East Kettleman Lane east of SR 99 would experience an increase of 167 AM and 173 PM new peak hour trips. Assuming a PM peak hour factor of 7-percent of daily traffic for both locations, this would equate to approximately 1,642 new daily project trips west of SR 99 and 2,568 new daily project trips east of SR 99. With this increase in daily volumes, East Kettleman Lane in the project area west of Beckman Road is projected to operate at LOS B.

On East Kettleman Lane east of Beckman Road, the project would add 20 AM and 21 PM new peak hour trips. Assuming a PM peak hour factor of 12-percent of daily traffic at this location, this would equate to approximately 177 new daily project trips. With this increase in daily volumes, this roadway segment would continue to operate at LOS A. However, as noted above, East Beckman Road is reduced to two-lanes east of Pixley Parkway. At this point, the roadway would continue to operate at LOS B.

On Beckman Road (West) south of East Kettleman Lane, the project would add 12 AM and 13 PM new peak hour trips. Assuming a PM peak hour factor of 8-percent of daily traffic at this location, this would equate to approximately 161 new daily project trips. With this increase in daily volumes, this roadway segment would continue to operate at LOS A.

The anticipated new daily project trips, based on PM peak hour project trips, are presented in Table 7.3.

Table 7.3 New Daily Project Trips

Segment	New PM Project Trips	PM Peak Hour Factor	New Daily Project Trips
East Kettleman Lane			
West of SR 99 Northbound Ramps	134	0.07	2,000
East of SR 99 Northbound Ramps	197	0.07	3,000
East of Beckman Road	24	0.12	200
Beckman Road (West)			
South of East Kettleman Lane	15	0.08	200

7.2 Cumulative Daily Traffic

Using average growth rates applied to the study intersections based on the City of Lodi's travel demand model, the roadway ADT on the study segments could increase by approximately two-times over the next twenty years, as shown in Table 7.4. The Cumulative No Project conditions do not assume future widening of East Kettleman Lane to six-lanes between Cherokee Lane and SR-99 as it was not included in the City of Lodi General Plan Environmental Impact Report (EIR) because it did not have environmental clearance or funding identified.

Table 7.4 Cumulative Roadway Daily Volumes Forecasts

Segment	Existing	Cumulative
East Kettleman Lane		
West of SR 99 Northbound Ramps	19,000	38,000
East of SR 99 Northbound Ramps	19,000	38,000
East of Beckman Road	11,000	22,000
Beckman Road (West)		
South of East Kettleman Lane	2,000	4,000

This increase in daily traffic under Cumulative No Project Conditions would results in East Kettleman Road in the study area to degrade to LOS F west of Beckman Road. East Kettleman Road immediately east of Beckman Road would operate at LOS B within the four-lane segment and LOS F within the two-lane segment. Beckman Road (West) would continue to operate at LOS A.

7.3 Roadway Daily Volumes & LOS

Table 7.5 presents the daily volumes and LOS results for the study roadway segments for Existing and Cumulative conditions with and without the Project. *As noted above, East Kettleman Road east of Beckman Road transitions for four to two-lanes; therefore, two LOS results are provided for this location.

Table 7.5 Roadway Daily Volumes & LOS

Segment	Existing	LOS	Existing PP	LOS	Cumulative	LOS	Cumulative PP	LOS
East Kettleman Lane								
West of SR 99 Northbound Ramps	19,000	A	21,000	B	38,000	F	40,000	F
East of SR 99 Northbound Ramps	19,000	A	22,000	B	38,000	F	41,000	F
East of Beckman Road*	11,000	A/B	11,200	A/B	22,000	B/F	22,200	B/F
Beckman Road (West)								
South of East Kettleman Lane	2,000	A	2,200	A	4,000	A	4,200	A
***Bold** = Unacceptable conditions*								

8. Recommended Operational Improvements

In an effort to maintain consistency with City of Lodi and Caltrans policies for transportation facilities, this section identifies the improvements to address the “Plus Project” intersection LOS deficiencies at the study locations. The City of Lodi General Plan Circulation Element recommends widening East Kettleman Lane to six lanes between Lower Sacramento Road to Guild Avenue, providing three travel lanes per direction to accommodate future growth. East of Guild Avenue, East Kettleman Road would be widened to four-lanes.

Roadway: Widening to six lanes will yield acceptable roadway operations on East Kettleman Road in the study area.

Intersections: Based on the intersection operational analysis conducted for this study, widening to six lanes would improve intersection operations at the study locations. The recommended intersection operational improvements therefore include a review of widening potential along East Kettleman Lane to six lanes.

Additionally, intersection one should be modified to convert a southbound through pocket to a left turn pocket and convert the southbound right turn lane to a thru-right lane.

Table 8.1 presents the intersection operations with the roadway widening improvements, project related modifications at intersection five, and expected intersection changes to accommodate future signalization of intersection six.

Table 8.1 Improved Intersection Operations under Cumulative Plus Project Conditions

#	Intersection	Control Type[1,2]	Target LOS	AM Peak Hour		PM Peak Hour	
				Delay	LOS	Delay	LOS
1	South Cherokee Lane & East Kettleman Lane	Signal	E	31.0	C	79.6	E
2	SR 99 SB Ramps & East Kettleman Lane	Signal	E	30.9	C	79.0	E
3	SR 99 NB Ramps & East Kettleman Lane	Signal	E	31.2	C	39.4	D
4	**Beckman Road (West) & East Kettleman Lane**	**TWSC**	**E**	27.4	D	**OVR**	**F**
5	Beckman Road (East) & East Kettleman Lane	Signal	E	27.1	C	32.7	C
6	Pixley Parkway & East Kettleman Lane	Signal	E	20.6	C	35.9	D

Notes:

1. TWSC = Two Way Stop Control
2. LOS = Delay based on worst minor street approach for TWSC intersections, average of all approaches for Signal
3. **Bold** = Unacceptable Conditions
4. OVR = Delay over 300 seconds

The intersection changes stated above would result in projected improvements in roadway segment operations under Cumulative Plus Project conditions. The following intersections are projected to operate acceptably in the AM and PM peak hours.

- South Cherokee Lane & East Kettleman Lane
- SR 99 SB Ramps & East Kettleman Lane
- SR 99 NB Ramps & East Kettleman Lane
- Beckman Road (East) & East Kettleman Lane
- Pixley Parkway & East Kettleman Lane

The following modifications are recommended to further reduce delay, however, right-of-way restrictions and existing buildings make the suggested modifications unfeasible.

- Northbound approach at intersection one: add a 50-foot channelized northbound right turn pocket and 100-foot westbound right turn pocket
- Intersection two: add a 100-foot eastbound right turn pocket
- Intersection five: add a 100-foot westbound right turn pocket and two 150-foot southbound right turn pockets

Intersection four is projected to operate acceptably in the AM peak hour and unacceptably at LOS F in the PM peak hour. Additionally, the westbound left movement, eastbound left movements, and northbound lane at intersection four are projected to operate at LOS F in the PM peak hour in addition to what is shown in the table.

The delay for the westbound left movement at intersection four is projected to increase to approximately 520 s/veh during the Cumulative Plus Project Mitigation scenario in the PM peak hour due to the additional eastbound through lane. The delay is projected to worsen in the AM peak hour as well compared to Cumulative Plus Project conditions. The additional through lane increases the number of conflict points that Synchro is analyzing, resulting in a higher delay for the westbound left movement at intersection four compared to the same movement in the Cumulative Plus Project PM condition as well as a larger delay in the AM peak hour.

While the operations at intersection four can be improved by restricting access to right-in/right-out only, it wouldn't bring the intersection back to acceptable operations as shown in Table 8.2 below. Therefore, the intersection of Beckman Road (West) & East Kettleman Lane would operate at an unacceptable LOS in the Cumulative conditions.

Table 8.2 Restricted Left Turn Intersection Operations under Cumulative Plus Project Conditions

#	Intersection	Control Type[1,2]	Target LOS	AM Peak Hour		PM Peak Hour	
				Delay	LOS	Delay	LOS
4	**Beckman Road (West) & East Kettleman Lane**	**TWSC**	**E**	36.8	E	**156.4**	**F**
5	Beckman Road (East) & East Kettleman Lane	Signal	E	35.2	D	59.9	E

Notes:

1. TWSC = Two Way Stop Control
2. LOS = Delay based on worst minor street approach for TWSC intersections, average of all approaches for Signal
3. **Bold** = Unacceptable Conditions

Appendix

A - Traffic Count Sheets
B - Synchro Reports and SimTraffic Report

A - Traffic Count Sheets

All Traffic Data Services

ALL TRAFFIC DATA SERVICES

3_W - EAST KETTLEMAN LANE WEST OF SR-99 NORTHBOUND RAMPS

Time	EB	WB	Total
6/23/2022	26	69	95
6/23/2022 12:15:00 AM	28	24	52
6/23/2022 12:30:00 AM	15	32	47
6/23/2022 12:45:00 AM	23	26	49
6/23/2022 1:00:00 AM	18	20	38
6/23/2022 1:15:00 AM	13	20	33
6/23/2022 1:30:00 AM	11	19	30
6/23/2022 1:45:00 AM	18	24	42
6/23/2022 2:00:00 AM	7	14	21
6/23/2022 2:15:00 AM	13	9	22
6/23/2022 2:30:00 AM	9	18	27
6/23/2022 2:45:00 AM	8	20	28
6/23/2022 3:00:00 AM	13	21	34
6/23/2022 3:15:00 AM	23	12	35
6/23/2022 3:30:00 AM	18	22	40
6/23/2022 3:45:00 AM	17	19	36
6/23/2022 4:00:00 AM	29	20	49
6/23/2022 4:15:00 AM	34	27	61
6/23/2022 4:30:00 AM	52	31	83
6/23/2022 4:45:00 AM	72	33	105
6/23/2022 5:00:00 AM	82	41	123
6/23/2022 5:15:00 AM	78	48	126
6/23/2022 5:30:00 AM	114	69	183
6/23/2022 5:45:00 AM	150	65	215
6/23/2022 6:00:00 AM	79	82	161
6/23/2022 6:15:00 AM	93	110	203
6/23/2022 6:30:00 AM	123	123	246
6/23/2022 6:45:00 AM	108	115	223
6/23/2022 7:00:00 AM	116	84	200
6/23/2022 7:15:00 AM	121	128	249
6/23/2022 7:30:00 AM	143	134	277
6/23/2022 7:45:00 AM	159	137	296
6/23/2022 8:00:00 AM	136	121	257
6/23/2022 8:15:00 AM	115	157	272
6/23/2022 8:30:00 AM	99	138	237
6/23/2022 8:45:00 AM	105	145	250
6/23/2022 9:00:00 AM	123	126	249
6/23/2022 9:15:00 AM	106	115	221
6/23/2022 9:30:00 AM	118	133	251
6/23/2022 9:45:00 AM	134	146	280
6/23/2022 10:00:00 AM	104	143	247
6/23/2022 10:15:00 AM	107	163	270
6/23/2022 10:30:00 AM	127	150	277
6/23/2022 10:45:00 AM	120	164	284
6/23/2022 11:00:00 AM	124	139	263
6/23/2022 11:15:00 AM	120	152	272
6/23/2022 11:30:00 AM	161	152	313
6/23/2022 11:45:00 AM	139	176	315
Total	3,751	3,936	7,687
Percentage	48.8%	51.2%	
Peak Hour	7:15 AM	10:00 AM	11:00 AM
Volume	561	620	1,164
PHF	0.882	0.945	0.924

All Traffic Data Services

ALL TRAFFIC DATA SERVICES

3_W - EAST KETTLEMAN LANE WEST OF SR-99 NORTHBOUND RAMPS

Time	EB	WB	Total
6/23/2022 12:00:00 PM	163	179	342
6/23/2022 12:15:00 PM	163	142	305
6/23/2022 12:30:00 PM	151	178	329
6/23/2022 12:45:00 PM	180	184	364
6/23/2022 1:00:00 PM	172	187	359
6/23/2022 1:15:00 PM	176	161	337
6/23/2022 1:30:00 PM	171	184	355
6/23/2022 1:45:00 PM	136	159	295
6/23/2022 2:00:00 PM	148	182	330
6/23/2022 2:15:00 PM	153	156	309
6/23/2022 2:30:00 PM	163	236	399
6/23/2022 2:45:00 PM	162	215	377
6/23/2022 3:00:00 PM	156	213	369
6/23/2022 3:15:00 PM	133	197	330
6/23/2022 3:30:00 PM	136	250	386
6/23/2022 3:45:00 PM	158	179	337
6/23/2022 4:00:00 PM	150	188	338
6/23/2022 4:15:00 PM	128	168	296
6/23/2022 4:30:00 PM	162	227	389
6/23/2022 4:45:00 PM	152	151	303
6/23/2022 5:00:00 PM	160	193	353
6/23/2022 5:15:00 PM	151	177	328
6/23/2022 5:30:00 PM	152	162	314
6/23/2022 5:45:00 PM	120	128	248
6/23/2022 6:00:00 PM	132	136	268
6/23/2022 6:15:00 PM	114	116	230
6/23/2022 6:30:00 PM	84	110	194
6/23/2022 6:45:00 PM	103	92	195
6/23/2022 7:00:00 PM	110	93	203
6/23/2022 7:15:00 PM	100	97	197
6/23/2022 7:30:00 PM	96	78	174
6/23/2022 7:45:00 PM	103	79	182
6/23/2022 8:00:00 PM	114	71	185
6/23/2022 8:15:00 PM	77	81	158
6/23/2022 8:30:00 PM	75	59	134
6/23/2022 8:45:00 PM	64	68	132
6/23/2022 9:00:00 PM	77	74	151
6/23/2022 9:15:00 PM	81	70	151
6/23/2022 9:30:00 PM	76	79	155
6/23/2022 9:45:00 PM	86	49	135
6/23/2022 10:00:00 PM	35	61	96
6/23/2022 10:15:00 PM	56	68	124
6/23/2022 10:30:00 PM	44	97	141
6/23/2022 10:45:00 PM	41	57	98
6/23/2022 11:00:00 PM	43	49	92
6/23/2022 11:15:00 PM	33	26	59
6/23/2022 11:30:00 PM	29	67	96
6/23/2022 11:45:00 PM	19	27	46
Total	5,488	6,200	11,688
Percentage	47.0%	53.0%	
Peak Hour	12:45 PM	2:45 PM	2:30 PM
Volume	699	875	1,476
PHF	0.971	0.875	0.925
Grand Total	9,239	10,136	19,375
Percentage	47.7%	52.3%	

All Traffic Data Services

ALL TRAFFIC DATA SERVICES

3_W - EAST KETTLEMAN LANE WEST OF SR-99 NORTHBOUND RAMPS

EB	Time	Lights	Mediums	Trucks	Total
	6/23/2022	25	1	0	26
	6/23/2022 12:15:00 AM	27	0	1	28
	6/23/2022 12:30:00 AM	13	1	1	15
	6/23/2022 12:45:00 AM	23	0	0	23
	Hour	88	2	2	92
	6/23/2022 1:00:00 AM	18	0	0	18
	6/23/2022 1:15:00 AM	13	0	0	13
	6/23/2022 1:30:00 AM	11	0	0	11
	6/23/2022 1:45:00 AM	15	2	1	18
	Hour	57	2	1	60
	6/23/2022 2:00:00 AM	7	0	0	7
	6/23/2022 2:15:00 AM	11	0	2	13
	6/23/2022 2:30:00 AM	9	0	0	9
	6/23/2022 2:45:00 AM	8	0	0	8
	Hour	35	0	2	37
	6/23/2022 3:00:00 AM	13	0	0	13
	6/23/2022 3:15:00 AM	22	1	0	23
	6/23/2022 3:30:00 AM	17	1	0	18
	6/23/2022 3:45:00 AM	17	0	0	17
	Hour	69	2	0	71
	6/23/2022 4:00:00 AM	26	1	2	29
	6/23/2022 4:15:00 AM	33	0	1	34
	6/23/2022 4:30:00 AM	50	0	2	52
	6/23/2022 4:45:00 AM	68	0	4	72
	Hour	177	1	9	187
	6/23/2022 5:00:00 AM	82	0	0	82
	6/23/2022 5:15:00 AM	77	0	1	78
	6/23/2022 5:30:00 AM	111	1	2	114
	6/23/2022 5:45:00 AM	146	0	4	150
	Hour	416	1	7	424
	6/23/2022 6:00:00 AM	75	2	2	79
	6/23/2022 6:15:00 AM	88	2	3	93
	6/23/2022 6:30:00 AM	117	2	4	123
	6/23/2022 6:45:00 AM	104	1	3	108
	Hour	384	7	12	403
	6/23/2022 7:00:00 AM	111	2	3	116
	6/23/2022 7:15:00 AM	114	3	4	121
	6/23/2022 7:30:00 AM	133	5	5	143
	6/23/2022 7:45:00 AM	151	0	8	159
	Hour	509	10	20	539
	6/23/2022 8:00:00 AM	127	4	5	136
	6/23/2022 8:15:00 AM	112	2	1	115
	6/23/2022 8:30:00 AM	96	1	2	99
	6/23/2022 8:45:00 AM	95	6	4	105
	Hour	430	13	12	455
	6/23/2022 9:00:00 AM	117	4	2	123
	6/23/2022 9:15:00 AM	102	2	2	106
	6/23/2022 9:30:00 AM	111	3	4	118
	6/23/2022 9:45:00 AM	123	3	8	134
	Hour	453	12	16	481
	6/23/2022 10:00:00 AM	98	5	1	104
	6/23/2022 10:15:00 AM	98	2	7	107
	6/23/2022 10:30:00 AM	124	2	1	127
	6/23/2022 10:45:00 AM	114	4	2	120
	Hour	434	13	11	458
	6/23/2022 11:00:00 AM	118	3	3	124
	6/23/2022 11:15:00 AM	113	3	4	120
	6/23/2022 11:30:00 AM	148	5	8	161
	6/23/2022 11:45:00 AM	132	5	2	139
	Hour	511	16	17	544
	Total	3,563	79	109	3,751
	Percentage	95.0%	2.1%	2.9%	

All Traffic Data Services

ALL TRAFFIC DATA SERVICES

3_W - EAST KETTLEMAN LANE WEST OF SR-99 NORTHBOUND RAMPS

EB	Time	Lights	Mediums	Trucks	Total
	6/23/2022 12:00:00 PM	157	0	6	163
	6/23/2022 12:15:00 PM	151	5	7	163
	6/23/2022 12:30:00 PM	145	5	1	151
	6/23/2022 12:45:00 PM	172	2	6	180
	Hour	625	12	20	657
	6/23/2022 1:00:00 PM	155	8	9	172
	6/23/2022 1:15:00 PM	168	2	6	176
	6/23/2022 1:30:00 PM	166	2	3	171
	6/23/2022 1:45:00 PM	129	4	3	136
	Hour	618	16	21	655
	6/23/2022 2:00:00 PM	140	1	7	148
	6/23/2022 2:15:00 PM	141	5	7	153
	6/23/2022 2:30:00 PM	157	2	4	163
	6/23/2022 2:45:00 PM	158	3	1	162
	Hour	596	11	19	626
	6/23/2022 3:00:00 PM	151	1	4	156
	6/23/2022 3:15:00 PM	127	3	3	133
	6/23/2022 3:30:00 PM	133	0	3	136
	6/23/2022 3:45:00 PM	152	1	5	158
	Hour	563	5	15	583
	6/23/2022 4:00:00 PM	145	3	2	150
	6/23/2022 4:15:00 PM	123	1	4	128
	6/23/2022 4:30:00 PM	159	1	2	162
	6/23/2022 4:45:00 PM	146	3	3	152
	Hour	573	8	11	592
	6/23/2022 5:00:00 PM	154	2	4	160
	6/23/2022 5:15:00 PM	145	5	1	151
	6/23/2022 5:30:00 PM	148	0	4	152
	6/23/2022 5:45:00 PM	119	0	1	120
	Hour	566	7	10	583
	6/23/2022 6:00:00 PM	130	1	1	132
	6/23/2022 6:15:00 PM	113	1	0	114
	6/23/2022 6:30:00 PM	81	1	2	84
	6/23/2022 6:45:00 PM	99	3	1	103
	Hour	423	6	4	433
	6/23/2022 7:00:00 PM	109	1	0	110
	6/23/2022 7:15:00 PM	98	2	0	100
	6/23/2022 7:30:00 PM	96	0	0	96
	6/23/2022 7:45:00 PM	101	1	1	103
	Hour	404	4	1	409
	6/23/2022 8:00:00 PM	111	0	3	114
	6/23/2022 8:15:00 PM	76	0	1	77
	6/23/2022 8:30:00 PM	73	0	2	75
	6/23/2022 8:45:00 PM	62	1	1	64
	Hour	322	1	7	330
	6/23/2022 9:00:00 PM	76	0	1	77
	6/23/2022 9:15:00 PM	81	0	0	81
	6/23/2022 9:30:00 PM	76	0	0	76
	6/23/2022 9:45:00 PM	85	0	1	86
	Hour	318	0	2	320
	6/23/2022 10:00:00 PM	35	0	0	35
	6/23/2022 10:15:00 PM	56	0	0	56
	6/23/2022 10:30:00 PM	43	0	1	44
	6/23/2022 10:45:00 PM	40	0	1	41
	Hour	174	0	2	176
	6/23/2022 11:00:00 PM	41	0	2	43
	6/23/2022 11:15:00 PM	32	0	1	33
	6/23/2022 11:30:00 PM	29	0	0	29
	6/23/2022 11:45:00 PM	19	0	0	19
	Hour	121	0	3	124
	Total	5,303	70	115	5,488
	Percentage	96.6%	1.3%	2.1%	
	Grand Total	8,866	149	224	9,239
	Percentage	96.0%	1.6%	2.4%	

All Traffic Data Services

ALL TRAFFIC DATA SERVICES

3_W - EAST KETTLEMAN LANE WEST OF SR-99 NORTHBOUND RAMPS

WB	Time	Lights	Mediums	Trucks	Total
	6/23/2022	69	0	0	69
	6/23/2022 12:15:00 AM	24	0	0	24
	6/23/2022 12:30:00 AM	32	0	0	32
	6/23/2022 12:45:00 AM	24	0	2	26
	Hour	149	0	2	151
	6/23/2022 1:00:00 AM	17	0	3	20
	6/23/2022 1:15:00 AM	20	0	0	20
	6/23/2022 1:30:00 AM	17	0	2	19
	6/23/2022 1:45:00 AM	24	0	0	24
	Hour	78	0	5	83
	6/23/2022 2:00:00 AM	11	1	2	14
	6/23/2022 2:15:00 AM	8	0	1	9
	6/23/2022 2:30:00 AM	15	0	3	18
	6/23/2022 2:45:00 AM	18	0	2	20
	Hour	52	1	8	61
	6/23/2022 3:00:00 AM	20	0	1	21
	6/23/2022 3:15:00 AM	9	0	3	12
	6/23/2022 3:30:00 AM	17	0	5	22
	6/23/2022 3:45:00 AM	11	0	8	19
	Hour	57	0	17	74
	6/23/2022 4:00:00 AM	15	0	5	20
	6/23/2022 4:15:00 AM	22	2	3	27
	6/23/2022 4:30:00 AM	24	2	5	31
	6/23/2022 4:45:00 AM	32	0	1	33
	Hour	93	4	14	111
	6/23/2022 5:00:00 AM	36	3	2	41
	6/23/2022 5:15:00 AM	43	0	5	48
	6/23/2022 5:30:00 AM	57	5	7	69
	6/23/2022 5:45:00 AM	58	5	2	65
	Hour	194	13	16	223
	6/23/2022 6:00:00 AM	74	2	6	82
	6/23/2022 6:15:00 AM	92	9	9	110
	6/23/2022 6:30:00 AM	111	7	5	123
	6/23/2022 6:45:00 AM	99	6	10	115
	Hour	376	24	30	430
	6/23/2022 7:00:00 AM	76	4	4	84
	6/23/2022 7:15:00 AM	108	5	15	128
	6/23/2022 7:30:00 AM	123	4	7	134
	6/23/2022 7:45:00 AM	124	5	8	137
	Hour	431	18	34	483
	6/23/2022 8:00:00 AM	110	7	4	121
	6/23/2022 8:15:00 AM	144	3	10	157
	6/23/2022 8:30:00 AM	132	4	2	138
	6/23/2022 8:45:00 AM	131	4	10	145
	Hour	517	18	26	561
	6/23/2022 9:00:00 AM	111	8	7	126
	6/23/2022 9:15:00 AM	107	2	6	115
	6/23/2022 9:30:00 AM	121	3	9	133
	6/23/2022 9:45:00 AM	129	3	14	146
	Hour	468	16	36	520
	6/23/2022 10:00:00 AM	130	5	8	143
	6/23/2022 10:15:00 AM	150	2	11	163
	6/23/2022 10:30:00 AM	132	4	14	150
	6/23/2022 10:45:00 AM	150	3	11	164
	Hour	562	14	44	620
	6/23/2022 11:00:00 AM	130	3	6	139
	6/23/2022 11:15:00 AM	140	2	10	152
	6/23/2022 11:30:00 AM	140	7	5	152
	6/23/2022 11:45:00 AM	160	9	7	176
	Hour	570	21	28	619
	Total	3,547	129	260	3,936
	Percentage	90.1%	3.3%	6.6%	

All Traffic Data Services

ALL TRAFFIC DATA SERVICES

3_W - EAST KETTLEMAN LANE WEST OF SR-99 NORTHBOUND RAMPS

WB	Time	Lights	Mediums	Trucks	Total
	6/23/2022 12:00:00 PM	162	8	9	179
	6/23/2022 12:15:00 PM	132	1	9	142
	6/23/2022 12:30:00 PM	162	4	12	178
	6/23/2022 12:45:00 PM	167	3	14	184
	Hour	623	16	44	683
	6/23/2022 1:00:00 PM	173	2	12	187
	6/23/2022 1:15:00 PM	147	3	11	161
	6/23/2022 1:30:00 PM	175	0	9	184
	6/23/2022 1:45:00 PM	153	1	5	159
	Hour	648	6	37	691
	6/23/2022 2:00:00 PM	177	1	4	182
	6/23/2022 2:15:00 PM	147	1	8	156
	6/23/2022 2:30:00 PM	224	3	9	236
	6/23/2022 2:45:00 PM	204	4	7	215
	Hour	752	9	28	789
	6/23/2022 3:00:00 PM	205	3	5	213
	6/23/2022 3:15:00 PM	189	2	6	197
	6/23/2022 3:30:00 PM	245	0	5	250
	6/23/2022 3:45:00 PM	169	4	6	179
	Hour	808	9	22	839
	6/23/2022 4:00:00 PM	181	3	4	188
	6/23/2022 4:15:00 PM	158	2	8	168
	6/23/2022 4:30:00 PM	219	2	6	227
	6/23/2022 4:45:00 PM	145	3	3	151
	Hour	703	10	21	734
	6/23/2022 5:00:00 PM	189	0	4	193
	6/23/2022 5:15:00 PM	173	1	3	177
	6/23/2022 5:30:00 PM	155	2	5	162
	6/23/2022 5:45:00 PM	126	1	1	128
	Hour	643	4	13	660
	6/23/2022 6:00:00 PM	133	1	2	136
	6/23/2022 6:15:00 PM	111	0	5	116
	6/23/2022 6:30:00 PM	109	0	1	110
	6/23/2022 6:45:00 PM	88	1	3	92
	Hour	441	2	11	454
	6/23/2022 7:00:00 PM	93	0	0	93
	6/23/2022 7:15:00 PM	95	0	2	97
	6/23/2022 7:30:00 PM	74	0	4	78
	6/23/2022 7:45:00 PM	77	0	2	79
	Hour	339	0	8	347
	6/23/2022 8:00:00 PM	70	0	1	71
	6/23/2022 8:15:00 PM	79	0	2	81
	6/23/2022 8:30:00 PM	59	0	0	59
	6/23/2022 8:45:00 PM	65	0	3	68
	Hour	273	0	6	279
	6/23/2022 9:00:00 PM	71	1	2	74
	6/23/2022 9:15:00 PM	69	0	1	70
	6/23/2022 9:30:00 PM	77	0	2	79
	6/23/2022 9:45:00 PM	49	0	0	49
	Hour	266	1	5	272
	6/23/2022 10:00:00 PM	61	0	0	61
	6/23/2022 10:15:00 PM	67	0	1	68
	6/23/2022 10:30:00 PM	97	0	0	97
	6/23/2022 10:45:00 PM	56	0	1	57
	Hour	281	0	2	283
	6/23/2022 11:00:00 PM	49	0	0	49
	6/23/2022 11:15:00 PM	25	1	0	26
	6/23/2022 11:30:00 PM	64	0	3	67
	6/23/2022 11:45:00 PM	24	2	1	27
	Hour	162	3	4	169
	Total	5,939	60	201	6,200
	Percentage	95.8%	1.0%	3.2%	
	Grand Total	9,486	189	461	10,136
	Percentage	93.6%	1.9%	4.5%	

All Traffic Data Services

3_E - EAST KETTLEMAN LANE EAST OF SR-99 NORTHBOUND RAMPS

Time	EB	WB	Total
6/23/2022	29	67	96
6/23/2022 12:15:00 AM	23	25	48
6/23/2022 12:30:00 AM	16	32	48
6/23/2022 12:45:00 AM	18	23	41
6/23/2022 1:00:00 AM	18	20	38
6/23/2022 1:15:00 AM	14	18	32
6/23/2022 1:30:00 AM	6	19	25
6/23/2022 1:45:00 AM	13	19	32
6/23/2022 2:00:00 AM	8	13	21
6/23/2022 2:15:00 AM	11	10	21
6/23/2022 2:30:00 AM	5	19	24
6/23/2022 2:45:00 AM	11	16	27
6/23/2022 3:00:00 AM	13	15	28
6/23/2022 3:15:00 AM	24	15	39
6/23/2022 3:30:00 AM	16	23	39
6/23/2022 3:45:00 AM	24	17	41
6/23/2022 4:00:00 AM	25	15	40
6/23/2022 4:15:00 AM	36	26	62
6/23/2022 4:30:00 AM	42	29	71
6/23/2022 4:45:00 AM	79	28	107
6/23/2022 5:00:00 AM	79	49	128
6/23/2022 5:15:00 AM	112	56	168
6/23/2022 5:30:00 AM	155	69	224
6/23/2022 5:45:00 AM	212	66	278
6/23/2022 6:00:00 AM	106	93	199
6/23/2022 6:15:00 AM	121	105	226
6/23/2022 6:30:00 AM	159	136	295
6/23/2022 6:45:00 AM	165	115	280
6/23/2022 7:00:00 AM	129	91	220
6/23/2022 7:15:00 AM	150	135	285
6/23/2022 7:30:00 AM	159	143	302
6/23/2022 7:45:00 AM	196	132	328
6/23/2022 8:00:00 AM	145	122	267
6/23/2022 8:15:00 AM	129	147	276
6/23/2022 8:30:00 AM	120	133	253
6/23/2022 8:45:00 AM	132	141	273
6/23/2022 9:00:00 AM	142	130	272
6/23/2022 9:15:00 AM	126	120	246
6/23/2022 9:30:00 AM	125	135	260
6/23/2022 9:45:00 AM	139	140	279
6/23/2022 10:00:00 AM	127	141	268
6/23/2022 10:15:00 AM	120	156	276
6/23/2022 10:30:00 AM	126	145	271
6/23/2022 10:45:00 AM	112	160	272
6/23/2022 11:00:00 AM	132	145	277
6/23/2022 11:15:00 AM	121	149	270
6/23/2022 11:30:00 AM	167	150	317
6/23/2022 11:45:00 AM	135	181	316
Total	4,272	3,934	8,206
Percentage	52.1%	47.9%	
Peak Hour	7:15 AM	11:00 AM	7:15 AM
Volume	652	625	1,185
PHF	0.832	0.863	0.903

All Traffic Data Services

3_E - EAST KETTLEMAN LANE EAST OF SR-99 NORTHBOUND RAMPS

Time	EB	WB	Total
6/23/2022 12:00:00 PM	155	165	320
6/23/2022 12:15:00 PM	166	133	299
6/23/2022 12:30:00 PM	142	171	313
6/23/2022 12:45:00 PM	173	171	344
6/23/2022 1:00:00 PM	152	176	328
6/23/2022 1:15:00 PM	173	159	332
6/23/2022 1:30:00 PM	180	167	347
6/23/2022 1:45:00 PM	161	154	315
6/23/2022 2:00:00 PM	149	191	340
6/23/2022 2:15:00 PM	160	156	316
6/23/2022 2:30:00 PM	166	231	397
6/23/2022 2:45:00 PM	175	205	380
6/23/2022 3:00:00 PM	166	212	378
6/23/2022 3:15:00 PM	126	204	330
6/23/2022 3:30:00 PM	134	248	382
6/23/2022 3:45:00 PM	139	181	320
6/23/2022 4:00:00 PM	148	197	345
6/23/2022 4:15:00 PM	132	154	286
6/23/2022 4:30:00 PM	150	226	376
6/23/2022 4:45:00 PM	135	160	295
6/23/2022 5:00:00 PM	128	192	320
6/23/2022 5:15:00 PM	125	159	284
6/23/2022 5:30:00 PM	125	154	279
6/23/2022 5:45:00 PM	119	123	242
6/23/2022 6:00:00 PM	108	119	227
6/23/2022 6:15:00 PM	92	96	188
6/23/2022 6:30:00 PM	76	103	179
6/23/2022 6:45:00 PM	85	83	168
6/23/2022 7:00:00 PM	103	83	186
6/23/2022 7:15:00 PM	81	86	167
6/23/2022 7:30:00 PM	76	77	153
6/23/2022 7:45:00 PM	84	76	160
6/23/2022 8:00:00 PM	85	66	151
6/23/2022 8:15:00 PM	74	68	142
6/23/2022 8:30:00 PM	70	62	132
6/23/2022 8:45:00 PM	56	66	122
6/23/2022 9:00:00 PM	62	65	127
6/23/2022 9:15:00 PM	81	63	144
6/23/2022 9:30:00 PM	80	73	153
6/23/2022 9:45:00 PM	85	46	131
6/23/2022 10:00:00 PM	42	57	99
6/23/2022 10:15:00 PM	39	55	94
6/23/2022 10:30:00 PM	45	96	141
6/23/2022 10:45:00 PM	50	49	99
6/23/2022 11:00:00 PM	36	47	83
6/23/2022 11:15:00 PM	35	29	64
6/23/2022 11:30:00 PM	25	63	88
6/23/2022 11:45:00 PM	18	22	40
Total	5,167	5,939	11,106
Percentage	46.5%	53.5%	
Peak Hour	12:45 PM	2:45 PM	2:30 PM
Volume	678	869	1,486
PHF	0.942	0.876	0.936
Grand Total	9,439	9,873	19,312
Percentage	48.9%	51.1%	

All Traffic Data Services

3_E - EAST KETTLEMAN LANE EAST OF SR-99 NORTHBOUND RAMPS

EB	Time	Lights	Mediums	Trucks	Total
	6/23/2022	28	0	1	29
	6/23/2022 12:15:00 AM	23	0	0	23
	6/23/2022 12:30:00 AM	14	2	0	16
	6/23/2022 12:45:00 AM	18	0	0	18
	Hour	83	2	1	86
	6/23/2022 1:00:00 AM	15	0	3	18
	6/23/2022 1:15:00 AM	14	0	0	14
	6/23/2022 1:30:00 AM	5	0	1	6
	6/23/2022 1:45:00 AM	10	2	1	13
	Hour	44	2	5	51
	6/23/2022 2:00:00 AM	7	0	1	8
	6/23/2022 2:15:00 AM	10	0	1	11
	6/23/2022 2:30:00 AM	4	1	0	5
	6/23/2022 2:45:00 AM	7	0	4	11
	Hour	28	1	6	35
	6/23/2022 3:00:00 AM	12	1	0	13
	6/23/2022 3:15:00 AM	22	0	2	24
	6/23/2022 3:30:00 AM	13	1	2	16
	6/23/2022 3:45:00 AM	20	1	3	24
	Hour	67	3	7	77
	6/23/2022 4:00:00 AM	23	0	2	25
	6/23/2022 4:15:00 AM	32	1	3	36
	6/23/2022 4:30:00 AM	39	0	3	42
	6/23/2022 4:45:00 AM	72	1	6	79
	Hour	166	2	14	182
	6/23/2022 5:00:00 AM	79	0	0	79
	6/23/2022 5:15:00 AM	107	1	4	112
	6/23/2022 5:30:00 AM	151	0	4	155
	6/23/2022 5:45:00 AM	202	1	9	212
	Hour	539	2	17	558
	6/23/2022 6:00:00 AM	97	3	6	106
	6/23/2022 6:15:00 AM	114	4	3	121
	6/23/2022 6:30:00 AM	152	1	6	159
	6/23/2022 6:45:00 AM	155	2	8	165
	Hour	518	10	23	551
	6/23/2022 7:00:00 AM	121	4	4	129
	6/23/2022 7:15:00 AM	143	3	4	150
	6/23/2022 7:30:00 AM	147	5	7	159
	6/23/2022 7:45:00 AM	187	0	9	196
	Hour	598	12	24	634
	6/23/2022 8:00:00 AM	135	2	8	145
	6/23/2022 8:15:00 AM	119	5	5	129
	6/23/2022 8:30:00 AM	110	4	6	120
	6/23/2022 8:45:00 AM	118	6	8	132
	Hour	482	17	27	526
	6/23/2022 9:00:00 AM	130	6	6	142
	6/23/2022 9:15:00 AM	114	6	6	126
	6/23/2022 9:30:00 AM	111	6	8	125
	6/23/2022 9:45:00 AM	127	3	9	139
	Hour	482	21	29	532
	6/23/2022 10:00:00 AM	119	3	5	127
	6/23/2022 10:15:00 AM	108	3	9	120
	6/23/2022 10:30:00 AM	120	2	4	126
	6/23/2022 10:45:00 AM	104	2	6	112
	Hour	451	10	24	485
	6/23/2022 11:00:00 AM	123	4	5	132
	6/23/2022 11:15:00 AM	109	4	8	121
	6/23/2022 11:30:00 AM	144	7	16	167
	6/23/2022 11:45:00 AM	122	7	6	135
	Hour	498	22	35	555
	Total	3,956	104	212	4,272
	Percentage	92.6%	2.4%	5.0%	

All Traffic Data Services

3_E - EAST KETTLEMAN LANE EAST OF SR-99 NORTHBOUND RAMPS

EB	Time	Lights	Mediums	Trucks	Total
	6/23/2022 12:00:00 PM	142	1	12	155
	6/23/2022 12:15:00 PM	154	3	9	166
	6/23/2022 12:30:00 PM	134	3	5	142
	6/23/2022 12:45:00 PM	160	4	9	173
	Hour	590	11	35	636
	6/23/2022 1:00:00 PM	139	4	9	152
	6/23/2022 1:15:00 PM	161	4	8	173
	6/23/2022 1:30:00 PM	172	4	4	180
	6/23/2022 1:45:00 PM	152	4	5	161
	Hour	624	16	26	666
	6/23/2022 2:00:00 PM	134	6	9	149
	6/23/2022 2:15:00 PM	144	6	10	160
	6/23/2022 2:30:00 PM	157	3	6	166
	6/23/2022 2:45:00 PM	171	2	2	175
	Hour	606	17	27	650
	6/23/2022 3:00:00 PM	158	1	7	166
	6/23/2022 3:15:00 PM	122	1	3	126
	6/23/2022 3:30:00 PM	128	0	6	134
	6/23/2022 3:45:00 PM	134	2	3	139
	Hour	542	4	19	565
	6/23/2022 4:00:00 PM	137	4	7	148
	6/23/2022 4:15:00 PM	124	1	7	132
	6/23/2022 4:30:00 PM	145	0	5	150
	6/23/2022 4:45:00 PM	127	3	5	135
	Hour	533	8	24	565
	6/23/2022 5:00:00 PM	120	2	6	128
	6/23/2022 5:15:00 PM	121	2	2	125
	6/23/2022 5:30:00 PM	118	0	7	125
	6/23/2022 5:45:00 PM	119	0	0	119
	Hour	478	4	15	497
	6/23/2022 6:00:00 PM	105	2	1	108
	6/23/2022 6:15:00 PM	89	1	2	92
	6/23/2022 6:30:00 PM	75	0	1	76
	6/23/2022 6:45:00 PM	82	2	1	85
	Hour	351	5	5	361
	6/23/2022 7:00:00 PM	102	0	1	103
	6/23/2022 7:15:00 PM	80	1	0	81
	6/23/2022 7:30:00 PM	76	0	0	76
	6/23/2022 7:45:00 PM	82	0	2	84
	Hour	340	1	3	344
	6/23/2022 8:00:00 PM	81	0	4	85
	6/23/2022 8:15:00 PM	74	0	0	74
	6/23/2022 8:30:00 PM	68	0	2	70
	6/23/2022 8:45:00 PM	54	1	1	56
	Hour	277	1	7	285
	6/23/2022 9:00:00 PM	61	0	1	62
	6/23/2022 9:15:00 PM	80	0	1	81
	6/23/2022 9:30:00 PM	78	0	2	80
	6/23/2022 9:45:00 PM	84	0	1	85
	Hour	303	0	5	308
	6/23/2022 10:00:00 PM	42	0	0	42
	6/23/2022 10:15:00 PM	39	0	0	39
	6/23/2022 10:30:00 PM	44	0	1	45
	6/23/2022 10:45:00 PM	50	0	0	50
	Hour	175	0	1	176
	6/23/2022 11:00:00 PM	35	0	1	36
	6/23/2022 11:15:00 PM	34	0	1	35
	6/23/2022 11:30:00 PM	24	0	1	25
	6/23/2022 11:45:00 PM	18	0	0	18
	Hour	111	0	3	114
	Total	4,930	67	170	5,167
	Percentage	95.4%	1.3%	3.3%	
	Grand Total	8,886	171	382	9,439
	Percentage	94.1%	1.8%	4.0%	

All Traffic Data Services

3_E - EAST KETTLEMAN LANE EAST OF SR-99 NORTHBOUND RAMPS

WB	Time	Lights	Mediums	Trucks	Total
	6/23/2022	67	0	0	67
	6/23/2022 12:15:00 AM	25	0	0	25
	6/23/2022 12:30:00 AM	32	0	0	32
	6/23/2022 12:45:00 AM	21	0	2	23
	Hour	145	0	2	147
	6/23/2022 1:00:00 AM	17	0	3	20
	6/23/2022 1:15:00 AM	18	0	0	18
	6/23/2022 1:30:00 AM	17	0	2	19
	6/23/2022 1:45:00 AM	19	0	0	19
	Hour	71	0	5	76
	6/23/2022 2:00:00 AM	10	1	2	13
	6/23/2022 2:15:00 AM	9	0	1	10
	6/23/2022 2:30:00 AM	17	0	2	19
	6/23/2022 2:45:00 AM	14	0	2	16
	Hour	50	1	7	58
	6/23/2022 3:00:00 AM	14	0	1	15
	6/23/2022 3:15:00 AM	11	0	4	15
	6/23/2022 3:30:00 AM	18	0	5	23
	6/23/2022 3:45:00 AM	9	0	8	17
	Hour	52	0	18	70
	6/23/2022 4:00:00 AM	9	0	6	15
	6/23/2022 4:15:00 AM	21	2	3	26
	6/23/2022 4:30:00 AM	22	2	5	29
	6/23/2022 4:45:00 AM	27	0	1	28
	Hour	79	4	15	98
	6/23/2022 5:00:00 AM	43	4	2	49
	6/23/2022 5:15:00 AM	51	1	4	56
	6/23/2022 5:30:00 AM	58	4	7	69
	6/23/2022 5:45:00 AM	60	4	2	66
	Hour	212	13	15	240
	6/23/2022 6:00:00 AM	86	0	7	93
	6/23/2022 6:15:00 AM	90	8	7	105
	6/23/2022 6:30:00 AM	126	5	5	136
	6/23/2022 6:45:00 AM	97	6	12	115
	Hour	399	19	31	449
	6/23/2022 7:00:00 AM	83	5	3	91
	6/23/2022 7:15:00 AM	116	4	15	135
	6/23/2022 7:30:00 AM	134	3	6	143
	6/23/2022 7:45:00 AM	119	5	8	132
	Hour	452	17	32	501
	6/23/2022 8:00:00 AM	110	7	5	122
	6/23/2022 8:15:00 AM	138	1	8	147
	6/23/2022 8:30:00 AM	128	3	2	133
	6/23/2022 8:45:00 AM	126	3	12	141
	Hour	502	14	27	543
	6/23/2022 9:00:00 AM	113	9	8	130
	6/23/2022 9:15:00 AM	111	2	7	120
	6/23/2022 9:30:00 AM	122	3	10	135
	6/23/2022 9:45:00 AM	123	1	16	140
	Hour	469	15	41	525
	6/23/2022 10:00:00 AM	129	4	8	141
	6/23/2022 10:15:00 AM	144	2	10	156
	6/23/2022 10:30:00 AM	127	5	13	145
	6/23/2022 10:45:00 AM	146	2	12	160
	Hour	546	13	43	602
	6/23/2022 11:00:00 AM	135	3	7	145
	6/23/2022 11:15:00 AM	136	2	11	149
	6/23/2022 11:30:00 AM	136	7	7	150
	6/23/2022 11:45:00 AM	164	11	6	181
	Hour	571	23	31	625
	Total	3,548	119	267	3,934
	Percentage	90.2%	3.0%	6.8%	

All Traffic Data Services

3_E - EAST KETTLEMAN LANE EAST OF SR-99 NORTHBOUND RAMPS

WB	Time	Lights	Mediums	Trucks	Total
	6/23/2022 12:00:00 PM	150	6	9	165
	6/23/2022 12:15:00 PM	122	1	10	133
	6/23/2022 12:30:00 PM	153	4	14	171
	6/23/2022 12:45:00 PM	151	4	16	171
	Hour	576	15	49	640
	6/23/2022 1:00:00 PM	161	3	12	176
	6/23/2022 1:15:00 PM	144	4	11	159
	6/23/2022 1:30:00 PM	156	1	10	167
	6/23/2022 1:45:00 PM	147	1	6	154
	Hour	608	9	39	656
	6/23/2022 2:00:00 PM	186	1	4	191
	6/23/2022 2:15:00 PM	146	1	9	156
	6/23/2022 2:30:00 PM	219	2	10	231
	6/23/2022 2:45:00 PM	196	3	6	205
	Hour	747	7	29	783
	6/23/2022 3:00:00 PM	206	3	3	212
	6/23/2022 3:15:00 PM	198	1	5	204
	6/23/2022 3:30:00 PM	243	0	5	248
	6/23/2022 3:45:00 PM	170	5	6	181
	Hour	817	9	19	845
	6/23/2022 4:00:00 PM	190	3	4	197
	6/23/2022 4:15:00 PM	145	1	8	154
	6/23/2022 4:30:00 PM	219	1	6	226
	6/23/2022 4:45:00 PM	152	3	5	160
	Hour	706	8	23	737
	6/23/2022 5:00:00 PM	187	0	5	192
	6/23/2022 5:15:00 PM	154	0	5	159
	6/23/2022 5:30:00 PM	148	1	5	154
	6/23/2022 5:45:00 PM	121	1	1	123
	Hour	610	2	16	628
	6/23/2022 6:00:00 PM	115	1	3	119
	6/23/2022 6:15:00 PM	90	0	6	96
	6/23/2022 6:30:00 PM	103	0	0	103
	6/23/2022 6:45:00 PM	79	0	4	83
	Hour	387	1	13	401
	6/23/2022 7:00:00 PM	82	0	1	83
	6/23/2022 7:15:00 PM	84	0	2	86
	6/23/2022 7:30:00 PM	71	1	5	77
	6/23/2022 7:45:00 PM	74	0	2	76
	Hour	311	1	10	322
	6/23/2022 8:00:00 PM	65	0	1	66
	6/23/2022 8:15:00 PM	67	0	1	68
	6/23/2022 8:30:00 PM	62	0	0	62
	6/23/2022 8:45:00 PM	62	0	4	66
	Hour	256	0	6	262
	6/23/2022 9:00:00 PM	62	1	2	65
	6/23/2022 9:15:00 PM	62	0	1	63
	6/23/2022 9:30:00 PM	71	0	2	73
	6/23/2022 9:45:00 PM	45	0	1	46
	Hour	240	1	6	247
	6/23/2022 10:00:00 PM	57	0	0	57
	6/23/2022 10:15:00 PM	55	0	0	55
	6/23/2022 10:30:00 PM	96	0	0	96
	6/23/2022 10:45:00 PM	48	0	1	49
	Hour	256	0	1	257
	6/23/2022 11:00:00 PM	47	0	0	47
	6/23/2022 11:15:00 PM	28	1	0	29
	6/23/2022 11:30:00 PM	60	0	3	63
	6/23/2022 11:45:00 PM	21	0	1	22
	Hour	156	1	4	161
	Total	5,670	54	215	5,939
	Percentage	95.5%	0.9%	3.6%	
	Grand Total	9,218	173	482	9,873
	Percentage	93.4%	1.8%	4.9%	

All Traffic Data Services, LLC

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Site Code:
East Kettleman Lane, east of Beckman Roa

Start Time	23-Jun-22 Thu	EB	WB							Total
12:00 AM		39	87							126
01:00		20	32							52
02:00		16	28							44
03:00		48	40							88
04:00		108	71							179
05:00		319	137							456
06:00		314	258							572
07:00		303	326							629
08:00		283	357							640
09:00		297	324							621
10:00		290	**391**							**681**
11:00		**334**	344							678
12:00 PM		389	372							761
01:00		377	378							755
02:00		**417**	464							881
03:00		397	**536**							**933**
04:00		386	446							832
05:00		309	339							648
06:00		247	230							477
07:00		234	164							398
08:00		206	133							339
09:00		153	107							260
10:00		94	87							181
11:00		57	73							130
Total		5637	5724							11361
Percent		49.6%	50.4%							
AM Peak	-	11:00	10:00	-	-	-	-	-	-	10:00
Vol.	-	334	391	-	-	-	-	-	-	681
PM Peak	-	14:00	15:00	-	-	-	-	-	-	15:00
Vol.	-	417	536	-	-	-	-	-	-	933
Grand Total		5637	5724							11361
Percent		49.6%	50.4%							
ADT		ADT 11,361		AADT 11,361						

All Traffic Data Services, LLC

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Site Code:
East Kettleman Lane, east of Beckman Roa

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
06/23/22	0	27	7	0	4	1	0	0	0	0	0	0	0	39
01:00	0	18	2	0	0	0	0	0	0	0	0	0	0	20
02:00	0	9	5	0	0	1	0	0	1	0	0	0	0	16
03:00	0	33	9	1	0	2	0	0	2	0	**1**	0	0	48
04:00	0	60	34	0	3	1	0	0	10	0	0	0	0	108
05:00	1	**245**	56	1	5	1	**2**	2	5	0	1	0	0	319
06:00	1	232	50	1	11	**6**	1	0	**12**	0	0	0	0	314
07:00	1	207	65	1	**13**	2	2	0	10	1	0	0	**1**	303
08:00	1	187	76	0	9	0	0	1	7	**2**	0	0	0	283
09:00	1	183	**81**	2	12	4	1	**3**	9	0	0	0	1	297
10:00	1	196	66	2	7	3	1	1	11	2	0	0	0	290
11:00	**4**	231	69	**3**	9	5	1	1	11	0	0	0	0	**334**
12 PM	1	270	89	1	**15**	1	1	**2**	7	0	**2**	0	0	389
13:00	3	255	93	**3**	10	**4**	2	0	7	0	0	0	0	377
14:00	**5**	**310**	76	3	10	2	0	1	**10**	0	0	0	0	**417**
15:00	1	275	**98**	2	7	2	**4**	1	5	**1**	1	0	0	397
16:00	2	266	98	2	7	2	1	1	7	0	0	0	0	386
17:00	2	216	74	1	8	3	1	1	3	0	0	0	0	309
18:00	0	185	46	0	11	1	1	1	2	0	0	0	0	247
19:00	0	179	51	0	3	0	0	0	1	0	0	0	0	234
20:00	0	164	35	0	5	0	0	0	2	0	0	0	0	206
21:00	1	119	26	0	6	0	0	0	1	0	0	0	0	153
22:00	3	75	14	0	1	1	0	0	0	0	0	0	0	94
23:00	0	49	6	0	0	0	0	0	2	0	0	0	0	57
Day Total	28	3991	1226	23	156	42	18	15	125	6	5	0	2	5637
Percent	0.5%	70.8%	21.7%	0.4%	2.8%	0.7%	0.3%	0.3%	2.2%	0.1%	0.1%	0.0%	0.0%	
AM Peak	11:00	05:00	09:00	11:00	07:00	06:00	05:00	09:00	06:00	08:00	03:00		07:00	11:00
Vol.	4	245	81	3	13	6	2	3	12	2	1		1	334
PM Peak	14:00	14:00	15:00	13:00	12:00	13:00	15:00	12:00	14:00	15:00	12:00			14:00
Vol.	5	310	98	3	15	4	4	2	10	1	2			417
Grand Total	28	3991	1226	23	156	42	18	15	125	6	5	0	2	5637
Percent	0.5%	70.8%	21.7%	0.4%	2.8%	0.7%	0.3%	0.3%	2.2%	0.1%	0.1%	0.0%	0.0%	

All Traffic Data Services, LLC

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Site Code:
East Kettleman Lane, east of Beckman Roa

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
06/23/22	0	73	12	0	0	0	1	0	1	0	0	0	0	87
01:00	0	29	3	0	0	0	0	0	0	0	0	0	0	32
02:00	0	22	3	1	0	0	0	0	2	0	0	0	0	28
03:00	0	27	6	0	1	1	0	**1**	4	0	0	0	0	40
04:00	3	39	14	3	2	3	0	1	**6**	0	0	0	0	71
05:00	1	86	36	0	7	4	1	0	2	0	0	0	0	137
06:00	8	147	71	4	17	7	0	0	2	2	0	0	0	258
07:00	9	211	74	1	16	10	0	0	5	0	0	0	0	326
08:00	**13**	235	70	**5**	**23**	7	**2**	0	2	0	0	0	0	357
09:00	10	225	65	3	7	**12**	0	0	1	1	0	0	0	324
10:00	9	**254**	**104**	0	10	6	0	0	5	**3**	0	0	0	**391**
11:00	6	244	68	3	10	5	0	1	4	2	0	0	**1**	344
12 PM	12	256	64	**4**	16	**13**	0	0	**7**	0	0	0	0	372
13:00	**15**	252	81	2	15	9	0	1	2	**1**	0	0	0	378
14:00	9	357	62	3	**18**	8	**3**	1	2	0	**1**	0	0	464
15:00	10	**414**	88	3	11	8	0	0	2	0	0	0	0	**536**
16:00	6	327	**90**	2	14	3	0	1	3	0	0	0	0	446
17:00	5	258	55	0	7	8	0	**2**	2	0	1	0	**1**	339
18:00	7	163	42	1	12	3	0	1	1	0	0	0	0	230
19:00	7	127	26	0	0	2	1	0	1	0	0	0	0	164
20:00	3	99	26	0	5	0	0	0	0	0	0	0	0	133
21:00	2	85	18	0	0	1	0	0	1	0	0	0	0	107
22:00	1	68	16	0	2	0	0	0	0	0	0	0	0	87
23:00	1	64	7	0	0	1	0	0	0	0	0	0	0	73
Day Total	137	4062	1101	35	193	111	8	9	55	9	2	0	2	5724
Percent	2.4%	71.0%	19.2%	0.6%	3.4%	1.9%	0.1%	0.2%	1.0%	0.2%	0.0%	0.0%	0.0%	
AM Peak	08:00	10:00	10:00	08:00	08:00	09:00	08:00	03:00	04:00	10:00			11:00	10:00
Vol.	13	254	104	5	23	12	2	1	6	3			1	391
PM Peak	13:00	15:00	16:00	12:00	14:00	12:00	14:00	17:00	12:00	13:00	14:00		17:00	15:00
Vol.	15	414	90	4	18	13	3	2	7	1	1		1	536
Grand Total	137	4062	1101	35	193	111	8	9	55	9	2	0	2	5724
Percent	2.4%	71.0%	19.2%	0.6%	3.4%	1.9%	0.1%	0.2%	1.0%	0.2%	0.0%	0.0%	0.0%	

All Traffic Data Services, LLC

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Site Code:
Beckman Road (West), south of East Kettl

Start Time	23-Jun-22 Thu	NB	SB							Total
12:00 AM		5	9							14
01:00		5	4							9
02:00		1	1							2
03:00		5	3							8
04:00		22	6							28
05:00		47	12							59
06:00		79	44							123
07:00		**84**	38							122
08:00		68	41							109
09:00		63	65							128
10:00		68	67							135
11:00		67	**72**							**139**
12:00 PM		79	83							162
01:00		92	104							196
02:00		83	125							208
03:00		**120**	**148**							**268**
04:00		73	117							190
05:00		54	96							150
06:00		55	48							103
07:00		38	35							73
08:00		36	30							66
09:00		27	20							47
10:00		8	9							17
11:00		6	15							21
Total		1185	1192							2377
Percent		49.9%	50.1%							
AM Peak	-	07:00	11:00	-	-	-	-	-	-	11:00
Vol.	-	84	72	-	-	-	-	-	-	139
PM Peak	-	15:00	15:00	-	-	-	-	-	-	15:00
Vol.	-	120	148	-	-	-	-	-	-	268
Grand Total		1185	1192							2377
Percent		49.9%	50.1%							
ADT		ADT 2,377		AADT 2,377						

All Traffic Data Services, LLC

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Site Code:
Beckman Road (West), south of East Kettl

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
06/23/22	0	4	1	0	0	0	0	0	0	0	0	0	0	5
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
04:00	0	17	5	0	0	0	0	0	0	0	0	0	0	22
05:00	0	33	13	0	1	0	0	0	0	0	0	0	0	47
06:00	0	54	**21**	0	2	**2**	0	0	0	0	0	0	0	79
07:00	1	**60**	18	0	**3**	1	**1**	0	0	0	0	0	0	**84**
08:00	1	49	14	0	3	1	0	0	0	0	0	0	0	68
09:00	0	42	16	**2**	3	0	0	0	0	0	0	0	0	63
10:00	**2**	48	16	0	2	0	0	0	0	0	0	0	0	68
11:00	0	54	11	1	0	1	0	0	0	0	0	0	0	67
12 PM	0	57	15	**3**	**4**	0	0	0	0	0	0	0	0	79
13:00	0	56	**32**	0	4	0	0	0	0	0	0	0	0	92
14:00	0	55	22	2	4	0	0	0	0	0	0	0	0	83
15:00	**1**	**96**	22	0	1	0	0	0	0	0	0	0	0	**120**
16:00	0	49	24	0	0	0	0	0	0	0	0	0	0	73
17:00	0	42	10	0	2	0	0	0	0	0	0	0	0	54
18:00	1	47	7	0	0	0	0	0	0	0	0	0	0	55
19:00	0	31	7	0	0	0	0	0	0	0	0	0	0	38
20:00	0	34	2	0	0	0	0	0	0	0	0	0	0	36
21:00	0	24	2	0	1	0	0	0	0	0	0	0	0	27
22:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
23:00	0	3	3	0	0	0	0	0	0	0	0	0	0	6
Day Total	7	870	264	8	30	5	1	0	0	0	0	0	0	1185
Percent	0.6%	73.4%	22.3%	0.7%	2.5%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	07:00	06:00	09:00	07:00	06:00	07:00							07:00
Vol.	2	60	21	2	3	2	1							84
PM Peak	15:00	15:00	13:00	12:00	12:00									15:00
Vol.	1	96	32	3	4									120
Grand Total	7	870	264	8	30	5	1	0	0	0	0	0	0	1185
Percent	0.6%	73.4%	22.3%	0.7%	2.5%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

All Traffic Data Services, LLC

www.alltrafficdata.net

Site Code:
Beckman Road (West), south of East Kettl

SB

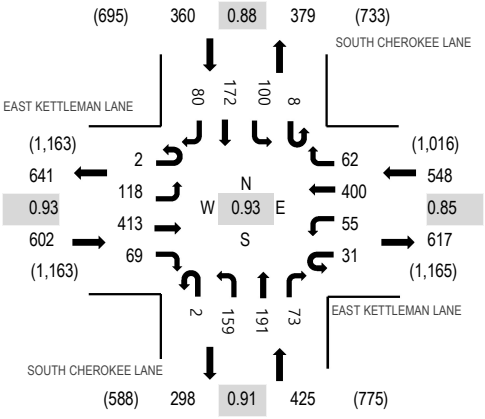
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
06/23/22	0	8	1	0	0	0	0	0	0	0	0	0	0	9
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
05:00	0	9	2	0	1	0	0	0	0	0	0	0	0	12
06:00	0	23	16	0	3	0	**1**	**1**	0	0	0	0	0	44
07:00	0	23	14	0	0	0	0	1	0	0	0	0	0	38
08:00	0	26	11	0	3	**1**	0	0	0	0	0	0	0	41
09:00	0	39	**23**	1	1	0	1	0	0	0	0	0	0	65
10:00	1	43	19	0	**4**	0	0	0	0	0	0	0	0	67
11:00	**2**	**53**	10	**2**	4	1	0	0	0	0	0	0	0	**72**
12 PM	0	66	16	0	1	0	0	0	0	0	0	0	0	83
13:00	1	72	25	**1**	**3**	**1**	0	0	**1**	0	0	0	0	104
14:00	0	93	29	0	2	0	0	0	1	0	0	0	0	125
15:00	0	**116**	**31**	0	1	0	0	0	0	0	0	0	0	**148**
16:00	**2**	87	27	0	1	0	0	0	0	0	0	0	0	117
17:00	0	76	18	0	1	0	0	0	1	0	0	0	0	96
18:00	0	36	10	0	2	0	0	0	0	0	0	0	0	48
19:00	0	30	5	0	0	0	0	0	0	0	0	0	0	35
20:00	0	27	3	0	0	0	0	0	0	0	0	0	0	30
21:00	0	20	0	0	0	0	0	0	0	0	0	0	0	20
22:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
23:00	0	13	2	0	0	0	0	0	0	0	0	0	0	15
Day Total	6	878	266	5	27	3	2	2	3	0	0	0	0	1192
Percent	0.5%	73.7%	22.3%	0.4%	2.3%	0.3%	0.2%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	09:00	11:00	10:00	08:00	06:00	06:00						11:00
Vol.	2	53	23	2	4	1	1	1						72
PM Peak	16:00	15:00	15:00	13:00	13:00	13:00			13:00					15:00
Vol.	2	116	31	1	3	1			1					148
Grand Total	6	878	266	5	27	3	2	2	3	0	0	0	0	1192
Percent	0.5%	73.7%	22.3%	0.4%	2.3%	0.3%	0.2%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	

ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 1 SOUTH CHEROKEE LANE & EAST KETTLEMAN LANE AM
Date: Thursday, June 23, 2022
Peak Hour: 07:30 AM - 08:30 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

Peak Hour

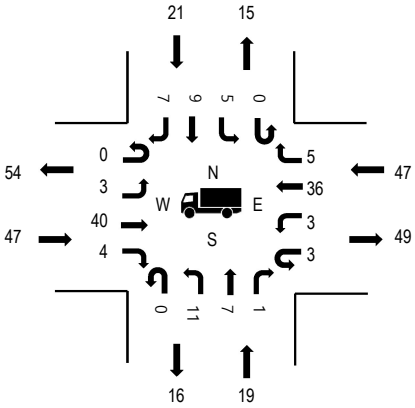
Motorized Vehicles



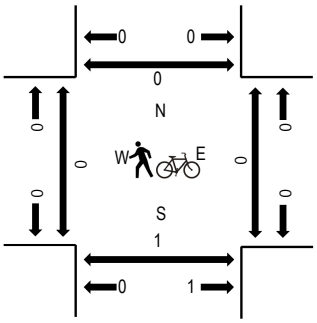
Note: Total study counts contained in parentheses.

	HV%	PHF
EB	7.8%	0.93
WB	8.6%	0.85
NB	4.5%	0.91
SB	5.8%	0.88
All	6.9%	0.93

Heavy Vehicles



Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	EAST KETTLEMAN LANE Eastbound				EAST KETTLEMAN LANE Westbound				SOUTH CHEROKEE LANE Northbound				SOUTH CHEROKEE LANE Southbound					Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	
7:00 AM	1	33	104	22	11	5	61	6	1	23	29	18	0	23	35	29	401	1,817
7:15 AM	0	22	108	26	13	11	78	11	1	23	35	13	1	23	40	21	426	1,890
7:30 AM	0	28	106	25	10	10	86	12	0	33	55	13	1	35	44	11	469	1,935
7:45 AM	2	28	95	16	8	14	122	18	0	42	43	28	3	30	47	25	521	1,891
8:00 AM	0	36	119	13	7	19	94	13	1	33	44	16	3	15	39	22	474	1,832
8:15 AM	0	26	93	15	6	12	98	19	1	51	49	16	1	20	42	22	471	
8:30 AM	0	35	82	15	7	16	80	16	2	37	42	10	1	19	38	25	425	
8:45 AM	0	26	73	14	7	22	101	23	1	28	72	15	2	22	41	15	462	
Count Total	3	234	780	146	69	109	720	118	7	270	369	129	12	187	326	170	3,649	
Peak Hour	2	118	413	69	31	55	400	62	2	159	191	73	8	100	172	80	1,935	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles in Crosswalk

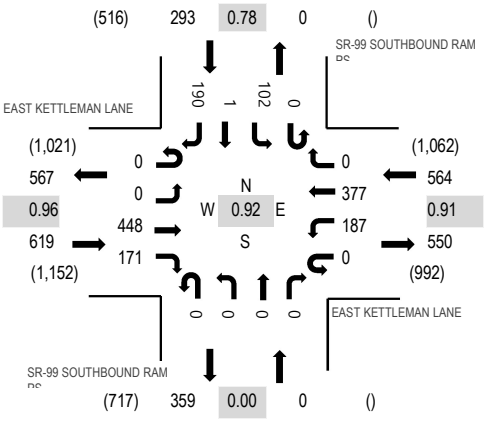
Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	8	4	8	3	23	7:00 AM	0	0	0	0	0	7:00 AM	0	1	1	0	2
7:15 AM	10	5	10	1	26	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:30 AM	15	4	8	5	32	7:30 AM	0	0	0	0	0	7:30 AM	0	1	0	0	1
7:45 AM	15	3	12	6	36	7:45 AM	0	0	0	0	0	7:45 AM	0	0	0	0	0
8:00 AM	10	6	8	3	27	8:00 AM	0	0	0	0	0	8:00 AM	0	0	0	0	0
8:15 AM	7	6	19	7	39	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:30 AM	7	2	9	2	20	8:30 AM	0	0	0	0	0	8:30 AM	0	0	1	0	1
8:45 AM	10	6	11	4	31	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
Count Total	82	36	85	31	234	Count Total	0	0	0	0	0	Count Total	0	2	2	0	4
Peak Hour	47	19	47	21	134	Peak Hour	0	0	0	0	0	Peak Hour	0	1	0	0	1

ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 2 SR-99 SOUTHBOUND RAMPS & EAST KETTLEMAN LANE AM
Date: Thursday, June 23, 2022
Peak Hour: 07:30 AM - 08:30 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

Peak Hour

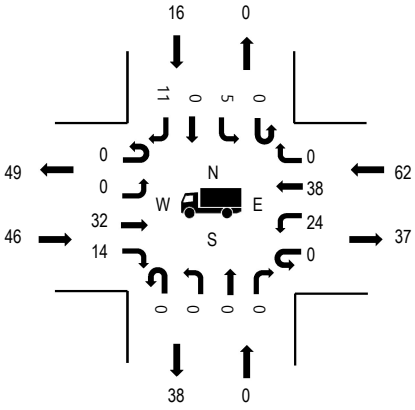
Motorized Vehicles



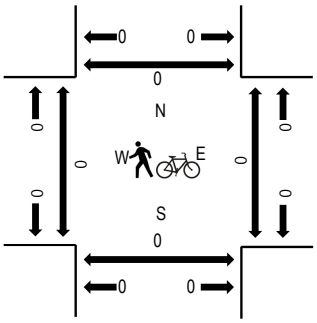
Note: Total study counts contained in parentheses.

	HV%	PHF
EB	7.4%	0.96
WB	11.0%	0.91
NB	0.0%	0.00
SB	5.5%	0.78
All	8.4%	0.92

Heavy Vehicles



Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	EAST KETTLEMAN LANE Eastbound				EAST KETTLEMAN LANE Westbound				SR-99 SOUTHBOUND RAMPS Northbound				SR-99 SOUTHBOUND RAMPS Southbound					Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	
7:00 AM	0	0	100	46	0	32	56	0	0	0	0	0	0	15	0	32	281	1,400
7:15 AM	0	0	103	53	0	54	73	0	0	0	0	0	0	20	0	32	335	1,471
7:30 AM	0	0	114	54	0	59	86	0	0	0	0	0	0	27	0	45	385	1,476
7:45 AM	0	0	119	47	0	39	100	0	0	0	0	0	0	34	1	59	399	1,397
8:00 AM	0	0	118	39	0	35	90	0	0	0	0	0	0	23	0	47	352	1,330
8:15 AM	0	0	97	31	0	54	101	0	0	0	0	0	0	18	0	39	340	
8:30 AM	0	0	78	36	0	46	85	0	0	0	0	0	0	21	0	40	306	
8:45 AM	0	0	87	30	0	60	92	0	0	0	0	0	0	18	1	44	332	
Count Total	0	0	816	336	0	379	683	0	0	0	0	0	0	176	2	338	2,730	
Peak Hour	0	0	448	171	0	187	377	0	0	0	0	0	0	102	1	190	1,476	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles in Crosswalk

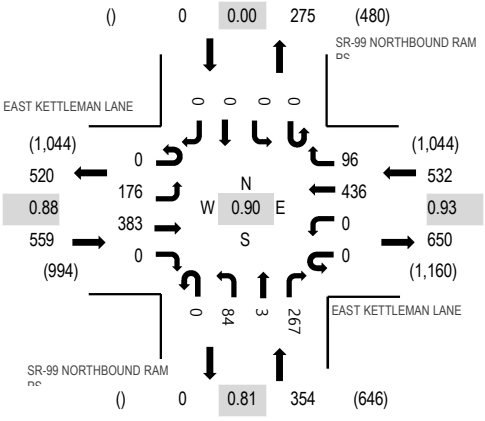
Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	4	0	12	5	21	7:00 AM	2	0	0	0	2	7:00 AM	2	0	0	0	2
7:15 AM	7	0	24	3	34	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:30 AM	14	0	15	3	32	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:45 AM	14	0	13	3	30	7:45 AM	0	0	0	0	0	7:45 AM	0	0	0	0	0
8:00 AM	10	0	17	5	32	8:00 AM	0	0	1	0	1	8:00 AM	0	0	0	0	0
8:15 AM	8	0	17	5	30	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:30 AM	4	0	12	3	19	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:45 AM	9	0	15	8	32	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
Count Total	70	0	125	35	230	Count Total	2	0	1	0	3	Count Total	2	0	0	0	2
Peak Hour	46	0	62	16	124	Peak Hour	0	0	1	0	1	Peak Hour	0	0	0	0	0

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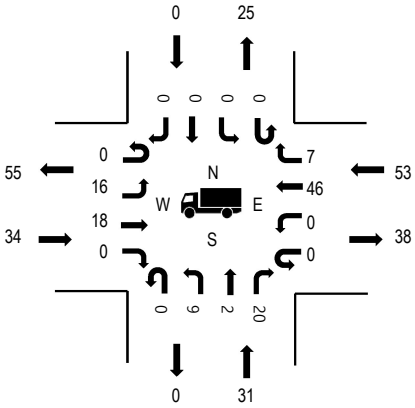
Location: 3 SR-99 NORTHBOUND RAMPS & EAST KETTLEMAN LANE AM
Date: Thursday, June 23, 2022
Peak Hour: 07:15 AM - 08:15 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

Peak Hour

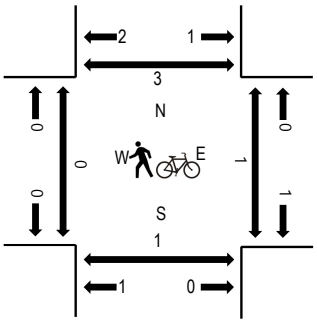
Motorized Vehicles



Heavy Vehicles



Pedestrians/Bicycles in Crosswalk



Note: Total study counts contained in parentheses.

	HV%	PHF
EB	6.1%	0.88
WB	10.0%	0.93
NB	8.8%	0.81
SB	0.0%	0.00
All	8.2%	0.90

Traffic Counts - Motorized Vehicles

Interval Start Time	EAST KETTLEMAN LANE Eastbound				EAST KETTLEMAN LANE Westbound				SR-99 NORTHBOUND RAMPS Northbound				SR-99 NORTHBOUND RAMPS Southbound					Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	
7:00 AM	0	40	76	0	0	0	75	16	0	9	0	53	0	0	0	0	269	1,386
7:15 AM	0	43	78	0	0	0	107	28	0	21	1	72	0	0	0	0	350	1,445
7:30 AM	0	47	96	0	0	0	116	27	0	18	0	63	0	0	0	0	367	1,433
7:45 AM	0	46	113	0	0	0	112	20	0	25	1	83	0	0	0	0	400	1,374
8:00 AM	0	40	96	0	0	0	101	21	0	20	1	49	0	0	0	0	328	1,298
8:15 AM	0	32	83	0	0	0	129	18	0	28	2	46	0	0	0	0	338	
8:30 AM	0	33	66	0	0	0	116	17	0	22	0	54	0	0	0	0	308	
8:45 AM	0	26	79	0	0	0	120	21	0	25	0	53	0	0	0	0	324	
Count Total	0	307	687	0	0	0	876	168	0	168	5	473	0	0	0	0	2,684	
Peak Hour	0	176	383	0	0	0	436	96	0	84	3	267	0	0	0	0	1,445	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles in Crosswalk

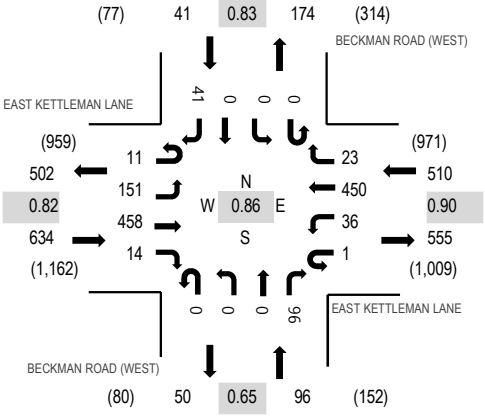
Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	5	5	8	0	18	7:00 AM	1	0	0	0	1	7:00 AM	0	0	0	2	2
7:15 AM	7	10	19	0	36	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:30 AM	10	9	9	0	28	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	1	1
7:45 AM	8	6	13	0	27	7:45 AM	1	0	0	0	1	7:45 AM	0	0	0	0	0
8:00 AM	9	6	12	0	27	8:00 AM	1	0	1	0	2	8:00 AM	0	1	1	2	4
8:15 AM	3	13	9	0	25	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:30 AM	3	10	5	0	18	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	1	1
8:45 AM	10	11	15	0	36	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	3	3
Count Total	55	70	90	0	215	Count Total	3	0	1	0	4	Count Total	0	1	1	9	11
Peak Hour	34	31	53	0	118	Peak Hour	2	0	1	0	3	Peak Hour	0	1	1	3	5

ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 4 BECKMAN ROAD (WEST) & EAST KETTLEMAN LANE AM
Date: Thursday, June 23, 2022
Peak Hour: 07:30 AM - 08:30 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

Peak Hour

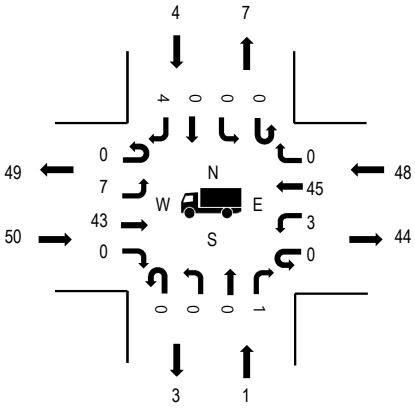
Motorized Vehicles



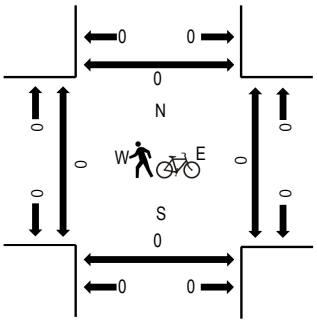
Note: Total study counts contained in parentheses.

	HV%	PHF
EB	7.9%	0.82
WB	9.4%	0.90
NB	1.0%	0.65
SB	9.8%	0.83
All	8.0%	0.86

Heavy Vehicles



Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	EAST KETTLEMAN LANE Eastbound				EAST KETTLEMAN LANE Westbound				BECKMAN ROAD (WEST) Northbound				BECKMAN ROAD (WEST) Southbound					Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	
7:00 AM	3	28	103	0	0	5	74	5	0	0	0	9	0	0	0	4	231	1,225
7:15 AM	5	34	110	0	0	4	108	6	0	0	0	14	0	0	0	10	291	1,274
7:30 AM	0	53	103	1	0	10	126	5	0	0	0	25	0	0	0	9	332	1,281
7:45 AM	3	42	146	6	0	12	105	8	0	0	0	38	0	0	0	11	371	1,209
8:00 AM	5	23	108	4	0	6	99	3	0	0	0	22	0	0	0	10	280	1,137
8:15 AM	3	33	101	3	1	8	120	7	0	0	0	11	0	0	0	11	298	
8:30 AM	2	27	88	0	0	8	109	5	0	0	0	12	0	0	0	9	260	
8:45 AM	1	29	97	1	0	12	119	6	0	0	0	21	0	0	0	13	299	
Count Total	22	269	856	15	1	65	860	45	0	0	0	152	0	0	0	77	2,362	
Peak Hour	11	151	458	14	1	36	450	23	0	0	0	96	0	0	0	41	1,281	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles in Crosswalk

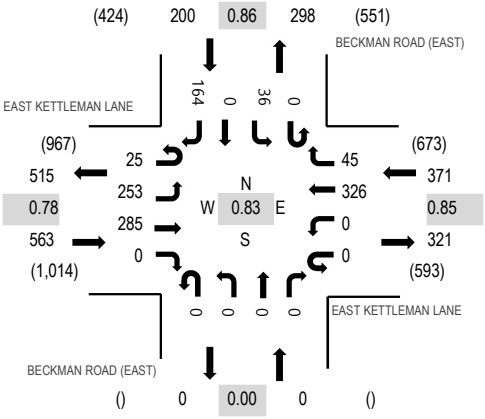
Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	16	2	13	0	31	7:00 AM	1	0	0	0	1	7:00 AM	0	0	0	0	0
7:15 AM	10	1	20	2	33	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:30 AM	15	0	7	2	24	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:45 AM	12	0	13	1	26	7:45 AM	0	0	0	0	0	7:45 AM	0	0	0	0	0
8:00 AM	12	1	15	0	28	8:00 AM	0	0	0	0	0	8:00 AM	0	0	0	0	0
8:15 AM	11	0	13	1	25	8:15 AM	0	1	0	0	1	8:15 AM	0	0	0	0	0
8:30 AM	12	0	6	1	19	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:45 AM	15	0	14	1	30	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
Count Total	103	4	101	8	216	Count Total	1	1	0	0	2	Count Total	0	0	0	0	0
Peak Hour	50	1	48	4	103	Peak Hour	0	1	0	0	1	Peak Hour	0	0	0	0	0

ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 5 BECKMAN ROAD (EAST) & EAST KETTLEMAN LANE AM
Date: Thursday, June 23, 2022
Peak Hour: 07:30 AM - 08:30 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

Peak Hour

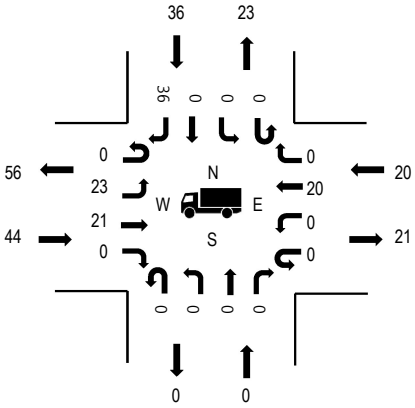
Motorized Vehicles



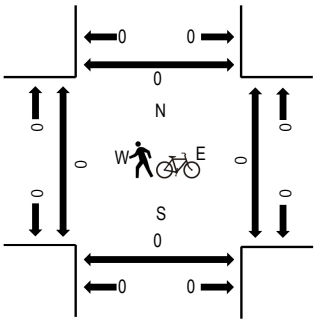
Note: Total study counts contained in parentheses.

	HV%	PHF
EB	7.8%	0.78
WB	5.4%	0.85
NB	0.0%	0.00
SB	18.0%	0.86
All	8.8%	0.83

Heavy Vehicles



Pedestrians/Bicycles in Crosswalk



Traffic Counts - Motorized Vehicles

Interval Start Time	EAST KETTLEMAN LANE Eastbound				EAST KETTLEMAN LANE Westbound				BECKMAN ROAD (EAST) Northbound				BECKMAN ROAD (EAST) Southbound					Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total	
7:00 AM	5	57	50	0	0	0	46	5	0	0	0	0	0	9	0	25	197	1,062
7:15 AM	5	52	63	0	0	0	65	9	0	0	0	0	0	6	0	50	250	1,117
7:30 AM	9	52	70	0	0	0	86	4	0	0	0	0	0	6	0	46	273	1,134
7:45 AM	8	88	88	0	0	0	94	15	0	0	0	0	0	13	0	36	342	1,117
8:00 AM	3	66	68	0	0	0	62	14	0	0	0	0	0	4	0	35	252	1,049
8:15 AM	5	47	59	0	0	0	84	12	0	0	0	0	0	13	0	47	267	
8:30 AM	4	44	54	0	0	0	70	18	0	0	0	0	0	18	0	48	256	
8:45 AM	5	59	53	0	0	0	80	9	0	0	0	0	0	19	0	49	274	
Count Total	44	465	505	0	0	0	587	86	0	0	0	0	0	88	0	336	2,111	
Peak Hour	25	253	285	0	0	0	326	45	0	0	0	0	0	36	0	164	1,134	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles in Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	16	0	6	5	27	7:00 AM	0	0	0	0	0	7:00 AM	0	0	0	0	0
7:15 AM	8	0	7	15	30	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:30 AM	12	0	0	9	21	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:45 AM	10	0	5	8	23	7:45 AM	0	0	0	0	0	7:45 AM	0	0	0	0	0
8:00 AM	13	0	6	12	31	8:00 AM	0	0	0	0	0	8:00 AM	0	0	0	0	0
8:15 AM	9	0	9	7	25	8:15 AM	1	0	0	0	1	8:15 AM	0	0	0	0	0
8:30 AM	13	0	5	6	24	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:45 AM	15	0	10	7	32	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
Count Total	96	0	48	69	213	Count Total	1	0	0	0	1	Count Total	0	0	0	0	0
Peak Hour	44	0	20	36	100	Peak Hour	1	0	0	0	1	Peak Hour	0	0	0	0	0

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

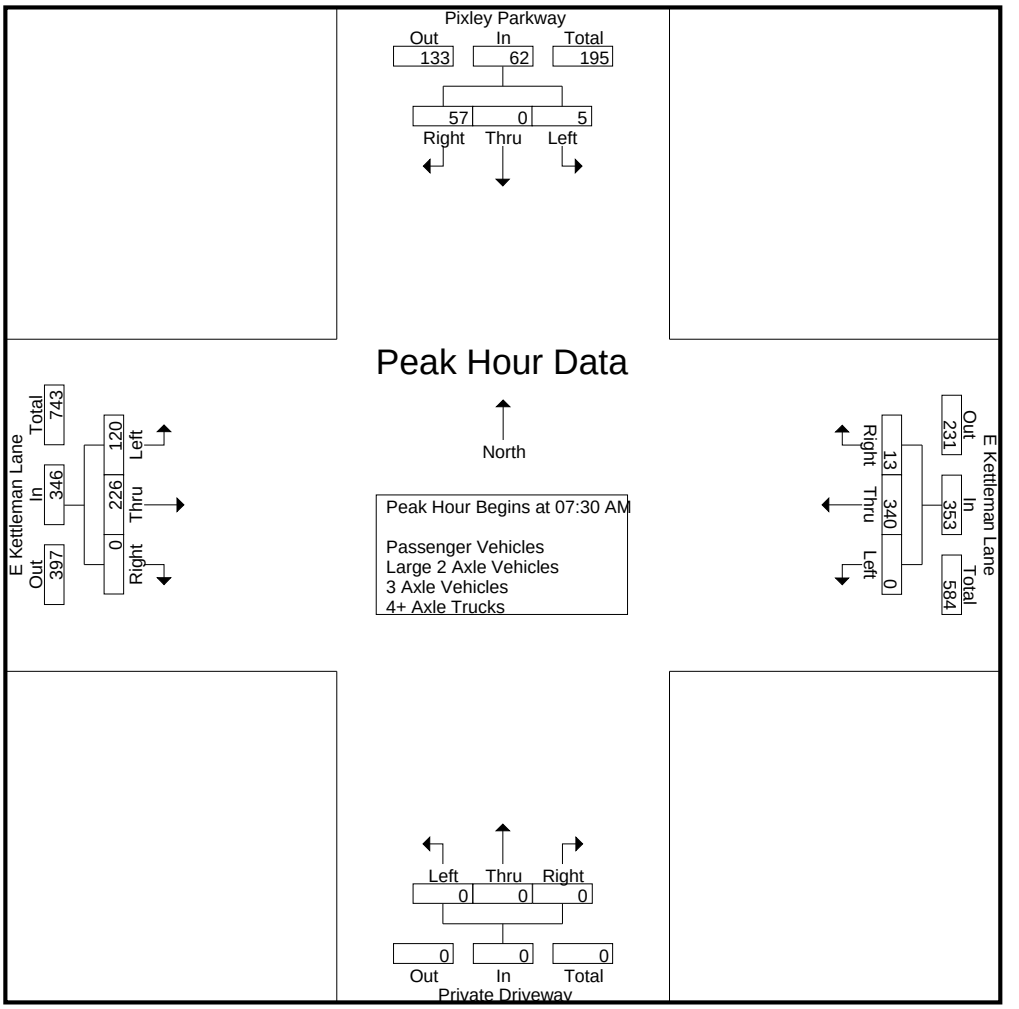
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	0	10	14	0	58	5	63	0	0	0	0	19	48	0	67	144
07:15 AM	0	0	7	7	0	70	4	74	0	0	0	0	32	33	0	65	146
07:30 AM	0	0	18	18	0	93	4	97	0	0	0	0	25	47	0	72	187
07:45 AM	0	0	10	10	0	92	4	96	0	0	0	0	35	57	0	92	198
Total	4	0	45	49	0	313	17	330	0	0	0	0	111	185	0	296	675
08:00 AM	2	0	12	14	0	91	3	94	0	0	0	0	30	57	0	87	195
08:15 AM	3	0	17	20	0	64	2	66	0	0	0	0	30	65	0	95	181
08:30 AM	3	0	23	26	0	65	3	68	0	0	0	0	32	61	0	93	187
08:45 AM	1	0	21	22	0	73	4	77	0	0	0	0	30	59	0	89	188
Total	9	0	73	82	0	293	12	305	0	0	0	0	122	242	0	364	751
Grand Total	13	0	118	131	0	606	29	635	0	0	0	0	233	427	0	660	1426
Apprch %	9.9	0	90.1		0	95.4	4.6		0	0	0		35.3	64.7	0		
Total %	0.9	0	8.3	9.2	0	42.5	2	44.5	0	0	0	0	16.3	29.9	0	46.3	
Passenger Vehicles	11	0	99	110	0	584	27	611	0	0	0	0	218	400	0	618	1339
% Passenger Vehicles	84.6	0	83.9	84	0	96.4	93.1	96.2	0	0	0	0	93.6	93.7	0	93.6	93.9
Large 2 Axle Vehicles	1	0	2	3	0	8	2	10	0	0	0	0	1	10	0	11	24
% Large 2 Axle Vehicles	7.7	0	1.7	2.3	0	1.3	6.9	1.6	0	0	0	0	0.4	2.3	0	1.7	1.7
3 Axle Vehicles	0	0	2	2	0	2	0	2	0	0	0	0	0	3	0	3	7
% 3 Axle Vehicles	0	0	1.7	1.5	0	0.3	0	0.3	0	0	0	0	0	0.7	0	0.5	0.5
4+ Axle Trucks	1	0	15	16	0	12	0	12	0	0	0	0	14	14	0	28	56
% 4+ Axle Trucks	7.7	0	12.7	12.2	0	2	0	1.9	0	0	0	0	6	3.3	0	4.2	3.9

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	**18**	18	0	**93**	**4**	**97**	0	0	0	0	25	47	0	72	187
07:45 AM	0	0	10	10	0	92	4	96	0	0	0	0	**35**	57	0	92	**198**
08:00 AM	2	0	12	14	0	91	3	94	0	0	0	0	30	57	0	87	195
08:15 AM	**3**	0	17	**20**	0	64	2	66	0	0	0	0	30	**65**	0	**95**	181
Total Volume	5	0	57	62	0	340	13	353	0	0	0	0	120	226	0	346	761
% App. Total	8.1	0	91.9		0	96.3	3.7		0	0	0		34.7	65.3	0		
PHF	.417	.000	.792	.775	.000	.914	.813	.910	.000	.000	.000	.000	.857	.869	.000	.911	.961

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:15 AM				07:00 AM				07:45 AM			
+0 mins.	2	0	12	14	0	70	**4**	74	0	0	0	0	**35**	57	0	92
+15 mins.	**3**	0	17	20	0	**93**	4	**97**	0	0	0	0	30	57	0	87
+30 mins.	3	0	**23**	**26**	0	92	4	96	0	0	0	0	30	**65**	0	**95**
+45 mins.	1	0	21	22	0	91	3	94	0	0	0	0	32	61	0	93
Total Volume	9	0	73	82	0	346	15	361	0	0	0	0	127	240	0	367
% App. Total	11	0	89		0	95.8	4.2		0	0	0		34.6	65.4	0	
PHF	.750	.000	.793	.788	.000	.930	.938	.930	.000	.000	.000	.000	.907	.923	.000	.966

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles

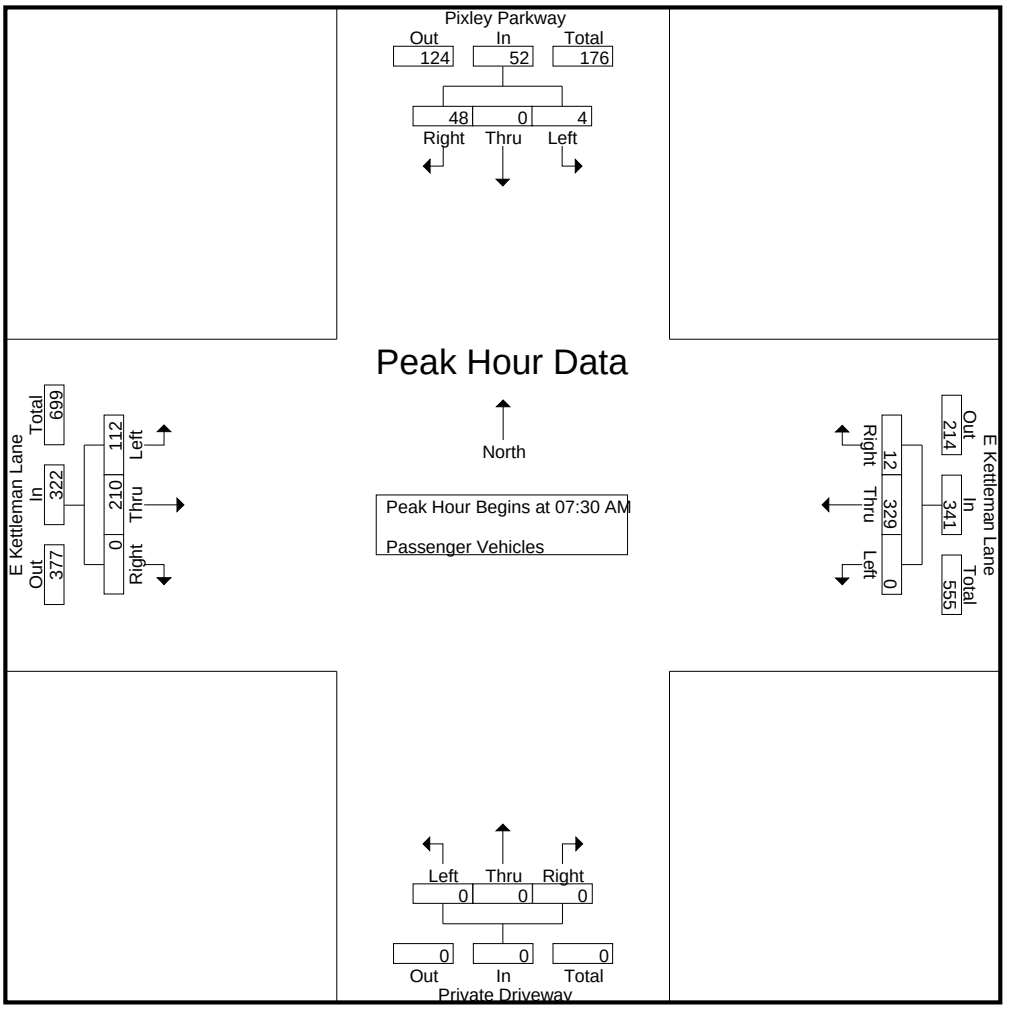
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	0	7	11	0	53	5	58	0	0	0	0	18	45	0	63	132
07:15 AM	0	0	4	4	0	69	4	73	0	0	0	0	30	31	0	61	138
07:30 AM	0	0	15	15	0	88	4	92	0	0	0	0	21	44	0	65	172
07:45 AM	0	0	8	8	0	91	4	95	0	0	0	0	34	55	0	89	192
Total	4	0	34	38	0	301	17	318	0	0	0	0	103	175	0	278	634
08:00 AM	2	0	10	12	0	88	2	90	0	0	0	0	28	52	0	80	182
08:15 AM	2	0	15	17	0	62	2	64	0	0	0	0	29	59	0	88	169
08:30 AM	2	0	20	22	0	63	3	66	0	0	0	0	30	59	0	89	177
08:45 AM	1	0	20	21	0	70	3	73	0	0	0	0	28	55	0	83	177
Total	7	0	65	72	0	283	10	293	0	0	0	0	115	225	0	340	705
Grand Total	11	0	99	110	0	584	27	611	0	0	0	0	218	400	0	618	1339
Apprch %	10	0	90		0	95.6	4.4		0	0	0		35.3	64.7	0		
Total %	0.8	0	7.4	8.2	0	43.6	2	45.6	0	0	0	0	16.3	29.9	0	46.2	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	**15**	15	0	88	**4**	92	0	0	0	0	21	44	0	65	172
07:45 AM	0	0	8	8	0	**91**	4	**95**	0	0	0	0	**34**	55	0	**89**	**192**
08:00 AM	**2**	0	10	12	0	88	2	90	0	0	0	0	28	52	0	80	182
08:15 AM	2	0	15	**17**	0	62	2	64	0	0	0	0	29	**59**	0	88	169
Total Volume	4	0	48	52	0	329	12	341	0	0	0	0	112	210	0	322	715
% App. Total	7.7	0	92.3		0	96.5	3.5		0	0	0		34.8	65.2	0		
PHF	.500	.000	.800	.765	.000	.904	.750	.897	.000	.000	.000	.000	.824	.890	.000	.904	.931

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	**15**	15	0	88	**4**	92	0	0	0	0	21	44	0	65
+15 mins.	0	0	8	8	0	**91**	4	**95**	0	0	0	0	**34**	55	0	**89**
+30 mins.	**2**	0	10	12	0	88	2	90	0	0	0	0	28	52	0	80
+45 mins.	2	0	15	**17**	0	62	2	64	0	0	0	0	29	**59**	0	88
Total Volume	4	0	48	52	0	329	12	341	0	0	0	0	112	210	0	322
% App. Total	7.7	0	92.3		0	96.5	3.5		0	0	0		34.8	65.2	0	
PHF	.500	.000	.800	.765	.000	.904	.750	.897	.000	.000	.000	.000	.824	.890	.000	.904

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Corona, CA 92878
(951) 268-6268

City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

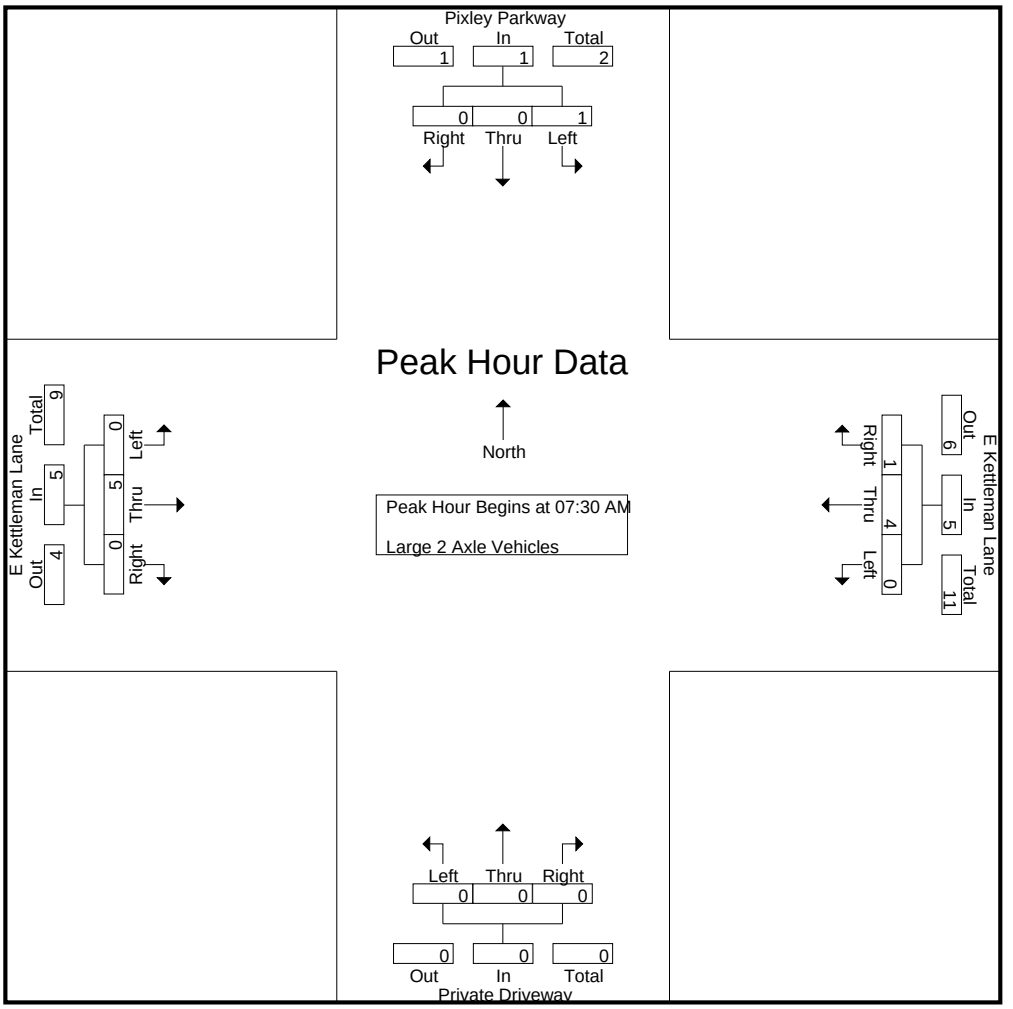
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	1	0	2	0	2	0	0	0	0	1	1	0	2	5
07:15 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2
07:30 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
07:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	0	0	2	2	0	5	0	5	0	0	0	0	1	2	0	3	10
08:00 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	2
08:15 AM	1	0	0	1	0	1	0	1	0	0	0	0	0	4	0	4	6
08:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	0	0	1	1	2	0	0	0	0	0	3	0	3	5
Total	1	0	0	1	0	3	2	5	0	0	0	0	0	8	0	8	14
Grand Total	1	0	2	3	0	8	2	10	0	0	0	0	1	10	0	11	24
Apprch %	33.3	0	66.7		0	80	20		0	0	0		9.1	90.9	0		
Total %	4.2	0	8.3	12.5	0	33.3	8.3	41.7	0	0	0	0	4.2	41.7	0	45.8	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	**2**	0	**2**	0	0	0	0	0	0	0	0	2
07:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	**1**	1	0	0	0	0	0	1	0	1	2
08:15 AM	**1**	0	0	**1**	0	1	0	1	0	0	0	0	0	**4**	0	**4**	**6**
Total Volume	1	0	0	1	0	4	1	5	0	0	0	0	0	5	0	5	11
% App. Total	100	0	0		0	80	20		0	0	0		0	100	0		
PHF	.250	.000	.000	.250	.000	.500	.250	.625	.000	.000	.000	.000	.000	.313	.000	.313	.458

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	0	0	0	**2**	0	**2**	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	**1**	1	0	0	0	0	0	1	0	1
+45 mins.	**1**	0	0	**1**	0	1	0	1	0	0	0	0	0	**4**	0	**4**
Total Volume	1	0	0	1	0	4	1	5	0	0	0	0	0	5	0	5
% App. Total	100	0	0		0	80	20		0	0	0		0	100	0	
PHF	.250	.000	.000	.250	.000	.500	.250	.625	.000	.000	.000	.000	.000	.313	.000	.313

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

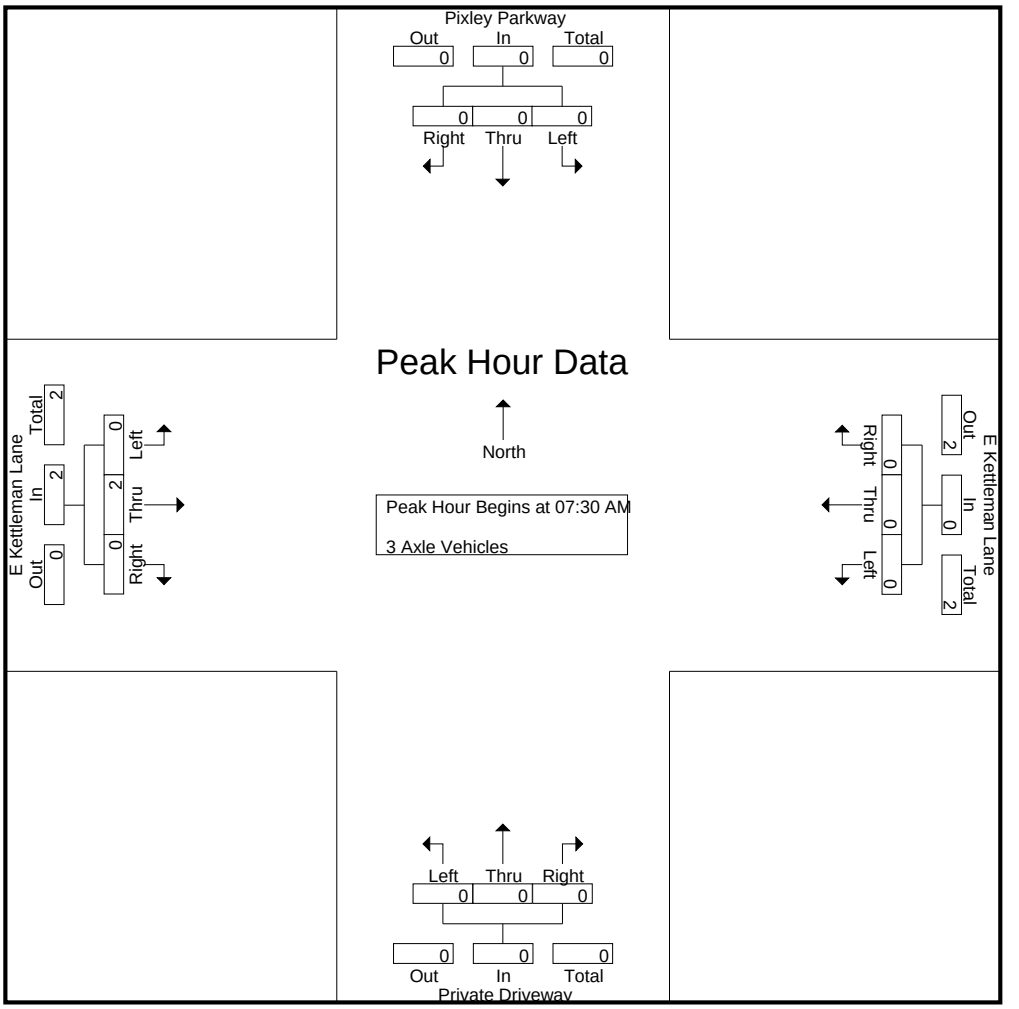
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	1	0	1	0	1	0	0	0	0	0	1	0	1	3
07:15 AM	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	2	2	0	2	0	2	0	0	0	0	0	2	0	2	6
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Grand Total	0	0	2	2	0	2	0	2	0	0	0	0	0	3	0	3	7
Apprch %	0	0	100		0	100	0		0	0	0		0	100	0		
Total %	0	0	28.6	28.6	0	28.6	0	28.6	0	0	0	0	0	42.9	0	42.9	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	**1**	**1**
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
% App. Total	0	0	0		0	0	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.500	.500

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	**1**
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
% App. Total	0	0	0		0	0	0		0	0	0		0	100	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.500

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

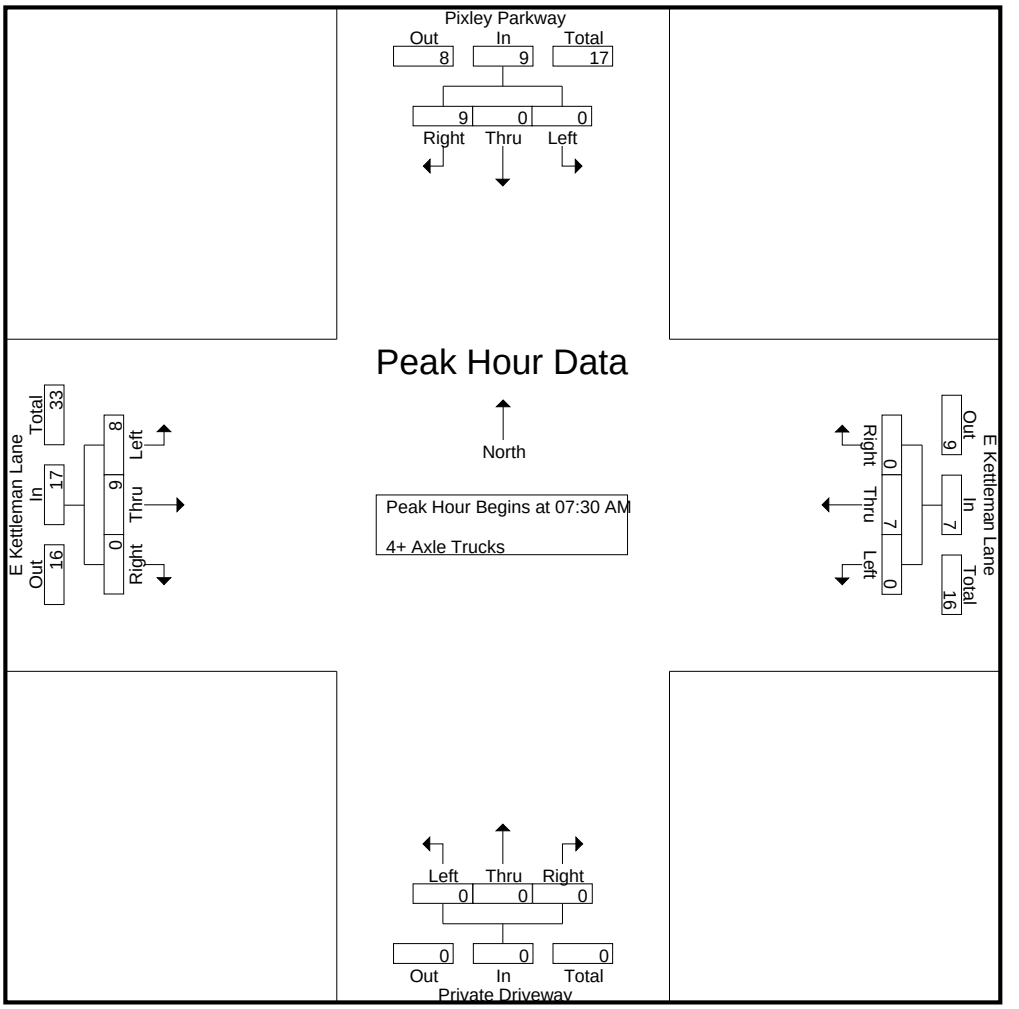
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	1	0	2	0	2	0	0	0	0	0	1	0	1	4
07:15 AM	0	0	1	1	0	0	0	0	0	0	0	0	2	1	0	3	4
07:30 AM	0	0	3	3	0	3	0	3	0	0	0	0	4	2	0	6	12
07:45 AM	0	0	2	2	0	0	0	0	0	0	0	0	1	2	0	3	5
Total	0	0	7	7	0	5	0	5	0	0	0	0	7	6	0	13	25
08:00 AM	0	0	2	2	0	3	0	3	0	0	0	0	2	4	0	6	11
08:15 AM	0	0	2	2	0	1	0	1	0	0	0	0	1	1	0	2	5
08:30 AM	1	0	3	4	0	1	0	1	0	0	0	0	2	2	0	4	9
08:45 AM	0	0	1	1	0	2	0	2	0	0	0	0	2	1	0	3	6
Total	1	0	8	9	0	7	0	7	0	0	0	0	7	8	0	15	31
Grand Total	1	0	15	16	0	12	0	12	0	0	0	0	14	14	0	28	56
Apprch %	6.2	0	93.8		0	100	0		0	0	0		50	50	0		
Total %	1.8	0	26.8	28.6	0	21.4	0	21.4	0	0	0	0	25	25	0	50	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	**3**	**3**	0	**3**	0	**3**	0	0	0	0	**4**	2	0	**6**	**12**
07:45 AM	0	0	2	2	0	0	0	0	0	0	0	0	1	2	0	3	5
08:00 AM	0	0	2	2	0	3	0	3	0	0	0	0	2	**4**	0	6	11
08:15 AM	0	0	2	2	0	1	0	1	0	0	0	0	1	1	0	2	5
Total Volume	0	0	9	9	0	7	0	7	0	0	0	0	8	9	0	17	33
% App. Total	0	0	100		0	100	0		0	0	0		47.1	52.9	0		
PHF	.000	.000	.750	.750	.000	.583	.000	.583	.000	.000	.000	.000	.500	.563	.000	.708	.688

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket AM
Site Code : 22324420
Start Date : 5/9/2024
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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	**3**	**3**	0	**3**	0	**3**	0	0	0	0	**4**	2	0	**6**
+15 mins.	0	0	2	2	0	0	0	0	0	0	0	0	1	2	0	3
+30 mins.	0	0	2	2	0	3	0	3	0	0	0	0	2	**4**	0	6
+45 mins.	0	0	2	2	0	1	0	1	0	0	0	0	1	1	0	2
Total Volume	0	0	9	9	0	7	0	7	0	0	0	0	8	9	0	17
% App. Total	0	0	100		0	100	0		0	0	0		47.1	52.9	0	
PHF	.000	.000	.750	.750	.000	.583	.000	.583	.000	.000	.000	.000	.500	.563	.000	.708

Counts Unlimited, Inc.
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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

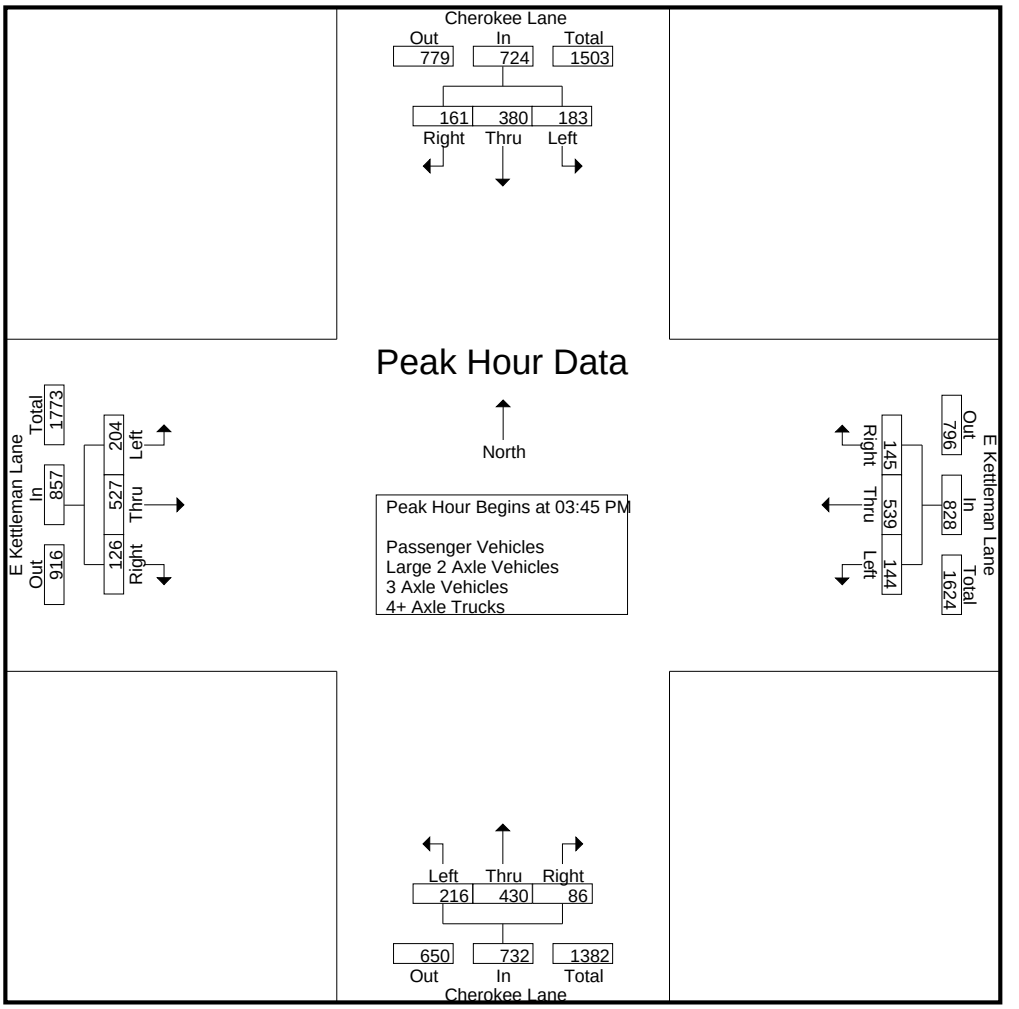
	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	25	72	45	142	25	91	21	137	40	92	18	150	50	105	18	173	602
02:15 PM	36	71	48	155	33	101	18	152	33	71	17	121	38	111	25	174	602
02:30 PM	47	93	40	180	29	124	23	176	44	107	31	182	61	128	34	223	761
02:45 PM	42	91	59	192	35	128	26	189	46	88	20	154	52	113	33	198	733
Total	150	327	192	669	122	444	88	654	163	358	86	607	201	457	110	768	2698
03:00 PM	31	85	51	167	33	118	24	175	51	79	13	143	47	133	20	200	685
03:15 PM	41	103	67	211	31	100	19	150	55	96	22	173	44	105	22	171	705
03:30 PM	35	80	35	150	42	134	24	200	47	106	18	171	51	121	30	202	723
03:45 PM	47	82	43	172	39	147	31	217	49	98	16	163	59	147	35	241	793
Total	154	350	196	700	145	499	98	742	202	379	69	650	201	506	107	814	2906
04:00 PM	45	85	40	170	40	151	44	235	38	112	21	171	44	144	23	211	787
04:15 PM	53	104	44	201	33	114	38	185	64	107	18	189	44	125	37	206	781
04:30 PM	38	109	34	181	32	127	32	191	65	113	31	209	57	111	31	199	780
04:45 PM	50	79	30	159	31	114	33	178	56	115	12	183	45	140	31	216	736
Total	186	377	148	711	136	506	147	789	223	447	82	752	190	520	122	832	3084
05:00 PM	38	88	48	174	33	92	24	149	43	72	20	135	25	146	37	208	666
05:15 PM	36	85	37	158	32	94	20	146	38	96	19	153	47	114	19	180	637
05:30 PM	43	77	30	150	27	122	24	173	40	93	19	152	32	107	20	159	634
05:45 PM	39	100	40	179	28	106	31	165	38	112	16	166	49	109	14	172	682
Total	156	350	155	661	120	414	99	633	159	373	74	606	153	476	90	719	2619
Grand Total	646	1404	691	2741	523	1863	432	2818	747	1557	311	2615	745	1959	429	3133	11307
Apprch %	23.6	51.2	25.2		18.6	66.1	15.3		28.6	59.5	11.9		23.8	62.5	13.7		
Total %	5.7	12.4	6.1	24.2	4.6	16.5	3.8	24.9	6.6	13.8	2.8	23.1	6.6	17.3	3.8	27.7	
Passenger Vehicles	637	1372	683	2692	511	1801	427	2739	725	1539	304	2568	727	1863	411	3001	11000
% Passenger Vehicles	98.6	97.7	98.8	98.2	97.7	96.7	98.8	97.2	97.1	98.8	97.7	98.2	97.6	95.1	95.8	95.8	97.3
Large 2 Axle Vehicles	9	23	6	38	10	19	4	33	12	11	3	26	11	38	12	61	158
% Large 2 Axle Vehicles	1.4	1.6	0.9	1.4	1.9	1	0.9	1.2	1.6	0.7	1	1	1.5	1.9	2.8	1.9	1.4
3 Axle Vehicles	0	6	0	6	1	6	1	8	2	0	0	2	3	7	0	10	26
% 3 Axle Vehicles	0	0.4	0	0.2	0.2	0.3	0.2	0.3	0.3	0	0	0.1	0.4	0.4	0	0.3	0.2
4+ Axle Trucks	0	3	2	5	1	37	0	38	8	7	4	19	4	51	6	61	123
% 4+ Axle Trucks	0	0.2	0.3	0.2	0.2	2	0	1.3	1.1	0.4	1.3	0.7	0.5	2.6	1.4	1.9	1.1

	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	47	82	43	172	39	147	31	217	49	98	16	163	**59**	**147**	35	**241**	**793**
04:00 PM	45	85	40	170	**40**	**151**	**44**	**235**	38	112	21	171	44	144	23	211	787
04:15 PM	**53**	104	**44**	**201**	33	114	38	185	64	107	18	189	44	125	**37**	206	781
04:30 PM	38	**109**	34	181	32	127	32	191	**65**	**113**	**31**	**209**	57	111	31	199	780
Total Volume	183	380	161	724	144	539	145	828	216	430	86	732	204	527	126	857	3141
% App. Total	25.3	52.5	22.2		17.4	65.1	17.5		29.5	58.7	11.7		23.8	61.5	14.7		
PHF	.863	.872	.915	.900	.900	.892	.824	.881	.831	.951	.694	.876	.864	.896	.851	.889	.990

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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	02:30 PM				03:30 PM				04:00 PM				03:30 PM			
+0 mins.	**47**	93	40	180	**42**	134	24	200	38	112	21	171	51	121	30	202
+15 mins.	42	91	59	192	39	147	31	217	64	107	18	189	**59**	**147**	35	**241**
+30 mins.	31	85	51	167	40	**151**	**44**	**235**	**65**	113	**31**	**209**	44	144	23	211
+45 mins.	41	**103**	**67**	**211**	33	114	38	185	56	**115**	12	183	44	125	**37**	206
Total Volume	161	372	217	750	154	546	137	837	223	447	82	752	198	537	125	860
% App. Total	21.5	49.6	28.9		18.4	65.2	16.4		29.7	59.4	10.9		23	62.4	14.5	
PHF	.856	.903	.810	.889	.917	.904	.778	.890	.858	.972	.661	.900	.839	.913	.845	.892

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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles

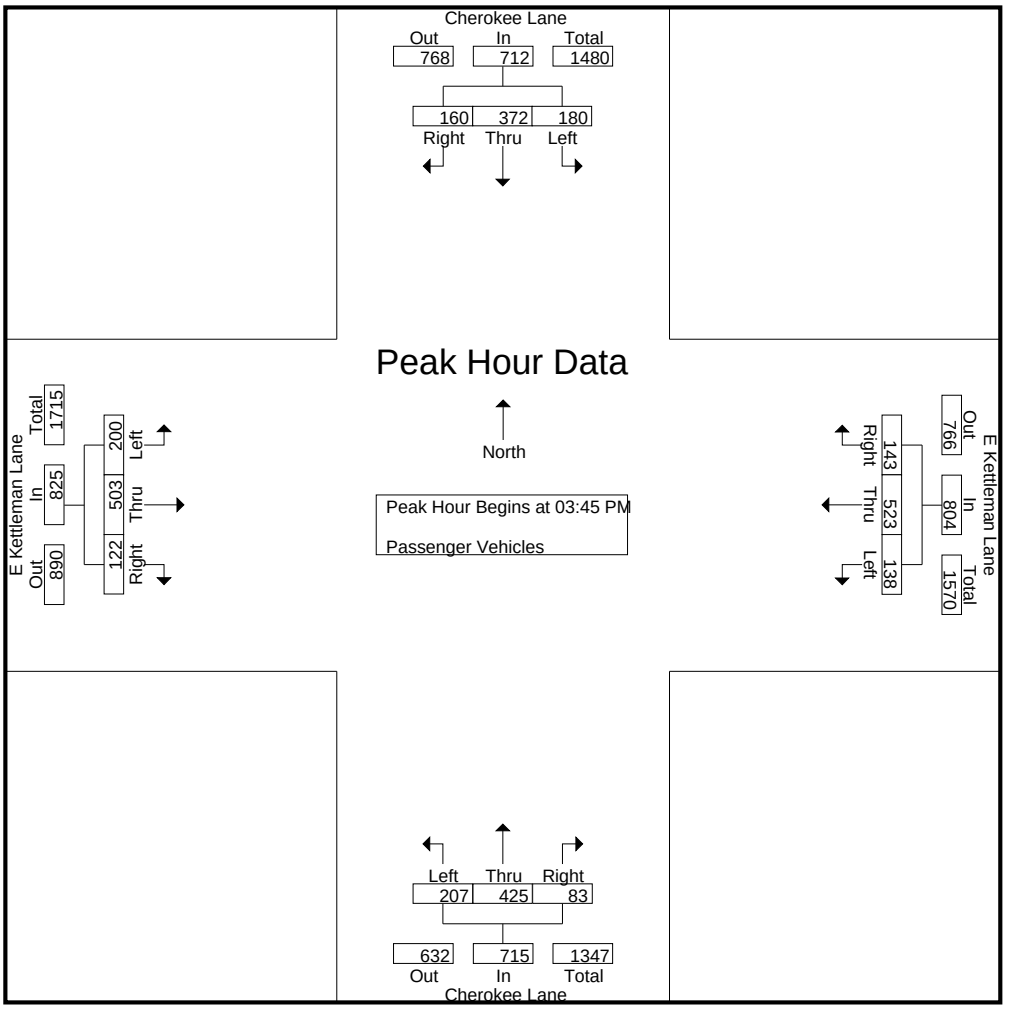
	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	25	70	45	140	25	87	21	133	39	90	18	147	48	99	16	163	583
02:15 PM	36	70	47	153	33	99	18	150	31	71	17	119	38	104	22	164	586
02:30 PM	46	89	39	174	29	120	22	171	42	105	31	178	58	122	34	214	737
02:45 PM	42	87	58	187	35	125	26	186	45	88	20	153	50	102	31	183	709
Total	149	316	189	654	122	431	87	640	157	354	86	597	194	427	103	724	2615
03:00 PM	31	82	51	164	32	112	23	167	49	76	13	138	44	123	19	186	655
03:15 PM	40	102	66	208	31	97	19	147	53	95	20	168	43	105	22	170	693
03:30 PM	34	78	34	146	42	128	23	193	47	103	18	168	51	115	27	193	700
03:45 PM	47	78	43	168	37	140	30	207	48	96	16	160	59	142	34	235	770
Total	152	340	194	686	142	477	95	714	197	370	67	634	197	485	102	784	2818
04:00 PM	45	84	40	169	38	148	44	230	35	109	19	163	43	138	23	204	766
04:15 PM	52	103	43	198	31	109	37	177	62	107	18	187	43	121	35	199	761
04:30 PM	36	107	34	177	32	126	32	190	62	113	30	205	55	102	30	187	759
04:45 PM	49	77	29	155	30	108	33	171	54	114	11	179	45	134	29	208	713
Total	182	371	146	699	131	491	146	768	213	443	78	734	186	495	117	798	2999
05:00 PM	37	85	48	170	32	88	24	144	43	72	19	134	23	139	37	199	647
05:15 PM	36	84	36	156	32	91	20	143	37	96	19	152	46	107	18	171	622
05:30 PM	42	77	30	149	25	120	24	169	40	92	19	151	32	105	20	157	626
05:45 PM	39	99	40	178	27	103	31	161	38	112	16	166	49	105	14	168	673
Total	154	345	154	653	116	402	99	617	158	372	73	603	150	456	89	695	2568
Grand Total	637	1372	683	2692	511	1801	427	2739	725	1539	304	2568	727	1863	411	3001	11000
Apprch %	23.7	51	25.4		18.7	65.8	15.6		28.2	59.9	11.8		24.2	62.1	13.7		
Total %	5.8	12.5	6.2	24.5	4.6	16.4	3.9	24.9	6.6	14	2.8	23.3	6.6	16.9	3.7	27.3	

	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	47	78	**43**	168	37	140	30	207	48	96	16	160	**59**	**142**	34	**235**	**770**
04:00 PM	45	84	40	169	**38**	**148**	**44**	**230**	35	109	19	163	43	138	23	204	766
04:15 PM	**52**	103	43	**198**	31	109	37	177	**62**	107	18	187	43	121	**35**	199	761
04:30 PM	36	**107**	34	177	32	126	32	190	62	**113**	**30**	**205**	55	102	30	187	759
Total Volume	180	372	160	712	138	523	143	804	207	425	83	715	200	503	122	825	3056
% App. Total	25.3	52.2	22.5		17.2	65	17.8		29	59.4	11.6		24.2	61	14.8		
PHF	.865	.869	.930	.899	.908	.883	.813	.874	.835	.940	.692	.872	.847	.886	.871	.878	.992

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	47	78	**43**	168	37	140	30	207	48	96	16	160	**59**	**142**	34	**235**
+15 mins.	45	84	40	169	**38**	**148**	**44**	**230**	35	109	19	163	43	138	23	204
+30 mins.	**52**	103	43	**198**	31	109	37	177	**62**	107	18	187	43	121	**35**	199
+45 mins.	36	**107**	34	177	32	126	32	190	62	**113**	**30**	**205**	55	102	30	187
Total Volume	180	372	160	712	138	523	143	804	207	425	83	715	200	503	122	825
% App. Total	25.3	52.2	22.5		17.2	65	17.8		29	59.4	11.6		24.2	61	14.8	
PHF	.865	.869	.930	.899	.908	.883	.813	.874	.835	.940	.692	.872	.847	.886	.871	.878

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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

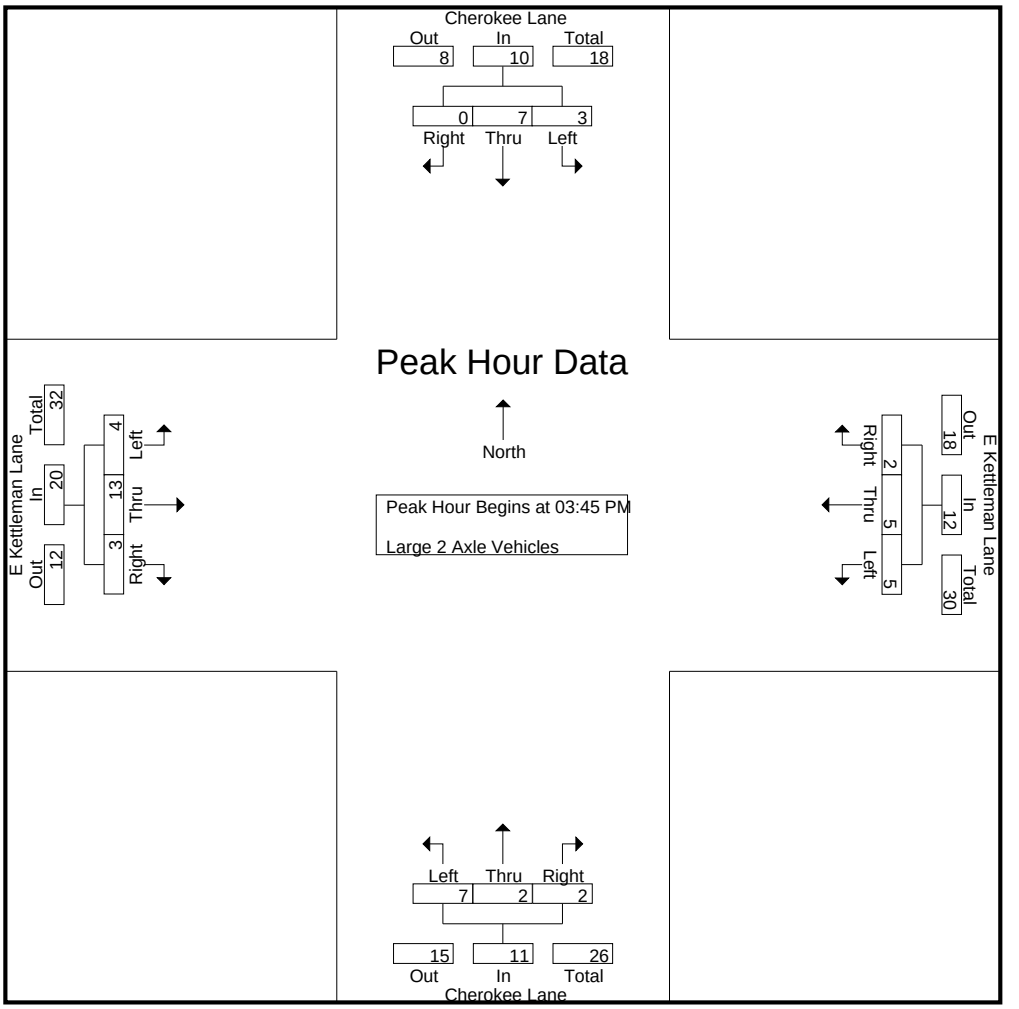
	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	2	0	2	0	2	0	2	0	0	0	0	2	1	2	5	9
02:15 PM	0	1	1	2	0	1	0	1	1	0	0	1	0	2	2	4	8
02:30 PM	1	2	1	4	0	1	1	2	1	2	0	3	1	1	0	2	11
02:45 PM	0	2	1	3	0	2	0	2	1	0	0	1	0	6	1	7	13
Total	1	7	3	11	0	6	1	7	3	2	0	5	3	10	5	18	41
03:00 PM	0	3	0	3	1	2	0	3	0	3	0	3	3	4	1	8	17
03:15 PM	1	0	1	2	0	0	0	0	2	1	0	3	0	0	0	0	5
03:30 PM	1	1	1	3	0	2	1	3	0	2	0	2	0	4	1	5	13
03:45 PM	0	4	0	4	2	3	1	6	1	1	0	2	0	2	1	3	15
Total	2	8	2	12	3	7	2	12	3	7	0	10	3	10	3	16	50
04:00 PM	0	1	0	1	1	2	0	3	2	1	1	4	1	5	0	6	14
04:15 PM	1	0	0	1	2	0	1	3	1	0	0	1	1	1	2	4	9
04:30 PM	2	2	0	4	0	0	0	0	3	0	1	4	2	5	0	7	15
04:45 PM	1	1	1	3	1	1	0	2	0	1	0	1	0	2	1	3	9
Total	4	4	1	9	4	3	1	8	6	2	2	10	4	13	3	20	47
05:00 PM	1	2	0	3	1	0	0	1	0	0	1	1	1	2	0	3	8
05:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3	4
05:30 PM	1	0	0	1	2	0	0	2	0	0	0	0	0	0	0	0	3
05:45 PM	0	1	0	1	0	3	0	3	0	0	0	0	0	1	0	1	5
Total	2	4	0	6	3	3	0	6	0	0	1	1	1	5	1	7	20
Grand Total	9	23	6	38	10	19	4	33	12	11	3	26	11	38	12	61	158
Apprch %	23.7	60.5	15.8		30.3	57.6	12.1		46.2	42.3	11.5		18	62.3	19.7		
Total %	5.7	14.6	3.8	24.1	6.3	12	2.5	20.9	7.6	7	1.9	16.5	7	24.1	7.6	38.6	

	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	**4**	0	**4**	**2**	**3**	**1**	**6**	1	**1**	0	2	0	2	1	3	**15**
04:00 PM	0	1	0	1	1	2	0	3	2	1	**1**	**4**	1	**5**	0	6	14
04:15 PM	1	0	0	1	2	0	1	3	1	0	0	1	1	1	**2**	4	9
04:30 PM	**2**	2	0	4	0	0	0	0	**3**	0	1	4	**2**	5	0	**7**	15
Total Volume	3	7	0	10	5	5	2	12	7	2	2	11	4	13	3	20	53
% App. Total	30	70	0		41.7	41.7	16.7		63.6	18.2	18.2		20	65	15		
PHF	.375	.438	.000	.625	.625	.417	.500	.500	.583	.500	.500	.688	.500	.650	.375	.714	.883

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	0	**4**	0	**4**	**2**	**3**	**1**	**6**	1	**1**	0	2	0	2	1	3
+15 mins.	0	1	0	1	1	2	0	3	2	1	**1**	**4**	1	**5**	0	6
+30 mins.	1	0	0	1	2	0	1	3	1	0	0	1	1	1	**2**	4
+45 mins.	**2**	2	0	4	0	0	0	0	**3**	0	1	4	**2**	5	0	**7**
Total Volume	3	7	0	10	5	5	2	12	7	2	2	11	4	13	3	20
% App. Total	30	70	0		41.7	41.7	16.7		63.6	18.2	18.2		20	65	15	
PHF	.375	.438	.000	.625	.625	.417	.500	.500	.583	.500	.500	.688	.500	.650	.375	.714

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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

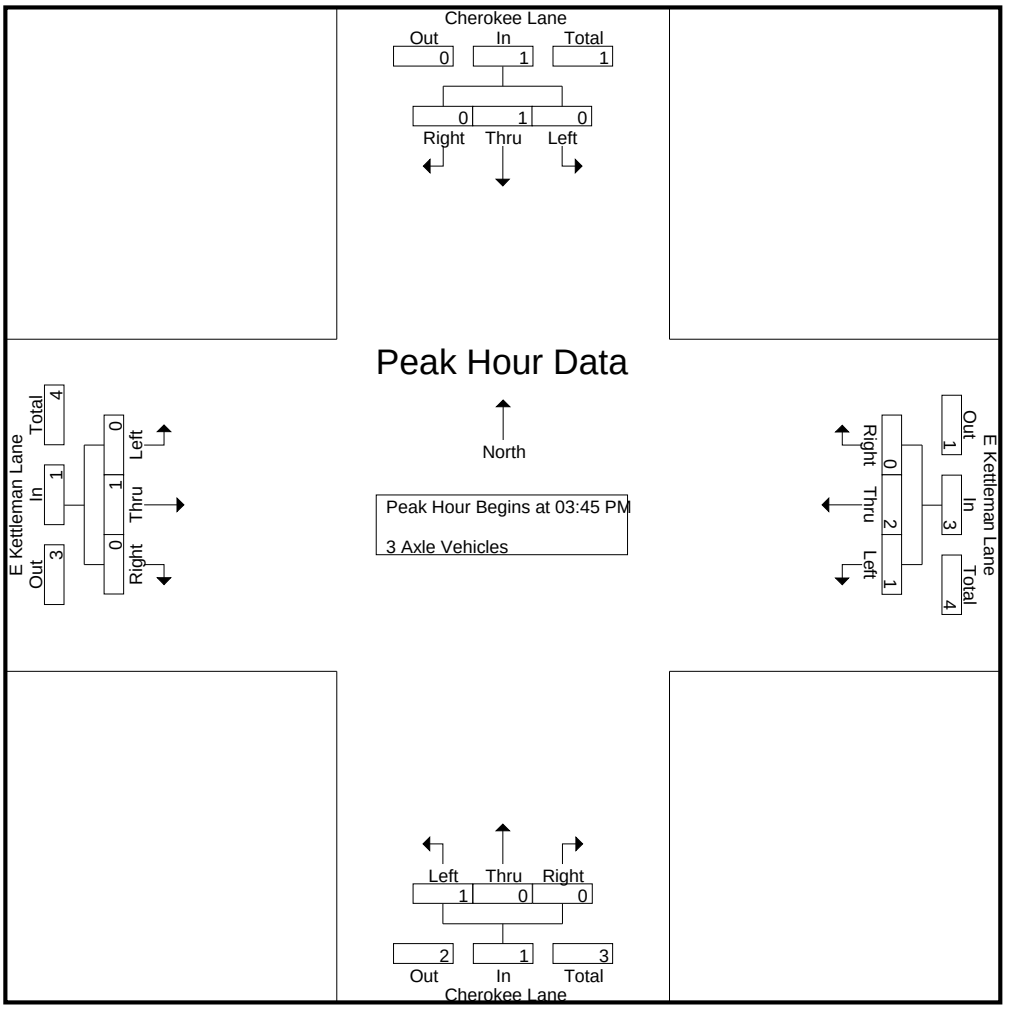
	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
02:45 PM	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	4
Total	0	2	0	2	0	0	0	0	1	0	0	1	2	2	0	4	7
03:00 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	2
03:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	2
03:30 PM	0	1	0	1	0	2	0	2	0	0	0	0	0	1	0	1	4
03:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	4	1	5	0	0	0	0	1	2	0	3	9
04:00 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	2
04:15 PM	0	1	0	1	0	1	0	1	1	0	0	1	0	0	0	0	3
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	2	1	1	0	2	1	0	0	1	0	1	0	1	6
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	2	4
Grand Total	0	6	0	6	1	6	1	8	2	0	0	2	3	7	0	10	26
Apprch %	0	100	0		12.5	75	12.5		100	0	0		30	70	0		
Total %	0	23.1	0	23.1	3.8	23.1	3.8	30.8	7.7	0	0	7.7	11.5	26.9	0	38.5	

	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	0	0	0	0	**1**	0	**1**	0	0	0	0	0	0	0	0	1
04:00 PM	0	0	0	0	**1**	0	0	1	0	0	0	0	0	**1**	0	**1**	2
04:15 PM	0	**1**	0	**1**	0	1	0	1	**1**	0	0	**1**	0	0	0	0	**3**
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	1	2	0	3	1	0	0	1	0	1	0	1	6
% App. Total	0	100	0		33.3	66.7	0		100	0	0		0	100	0		
PHF	.000	.250	.000	.250	.250	.500	.000	.750	.250	.000	.000	.250	.000	.250	.000	.250	.500

Counts Unlimited, Inc.
PO Box 1178
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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	0	0	0	0	0	**1**	0	**1**	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	**1**	0	0	1	0	0	0	0	0	**1**	0	**1**
+30 mins.	0	**1**	0	**1**	0	1	0	1	**1**	0	0	**1**	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	1	2	0	3	1	0	0	1	0	1	0	1
% App. Total	0	100	0		33.3	66.7	0		100	0	0		0	100	0	
PHF	.000	.250	.000	.250	.250	.500	.000	.750	.250	.000	.000	.250	.000	.250	.000	.250

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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

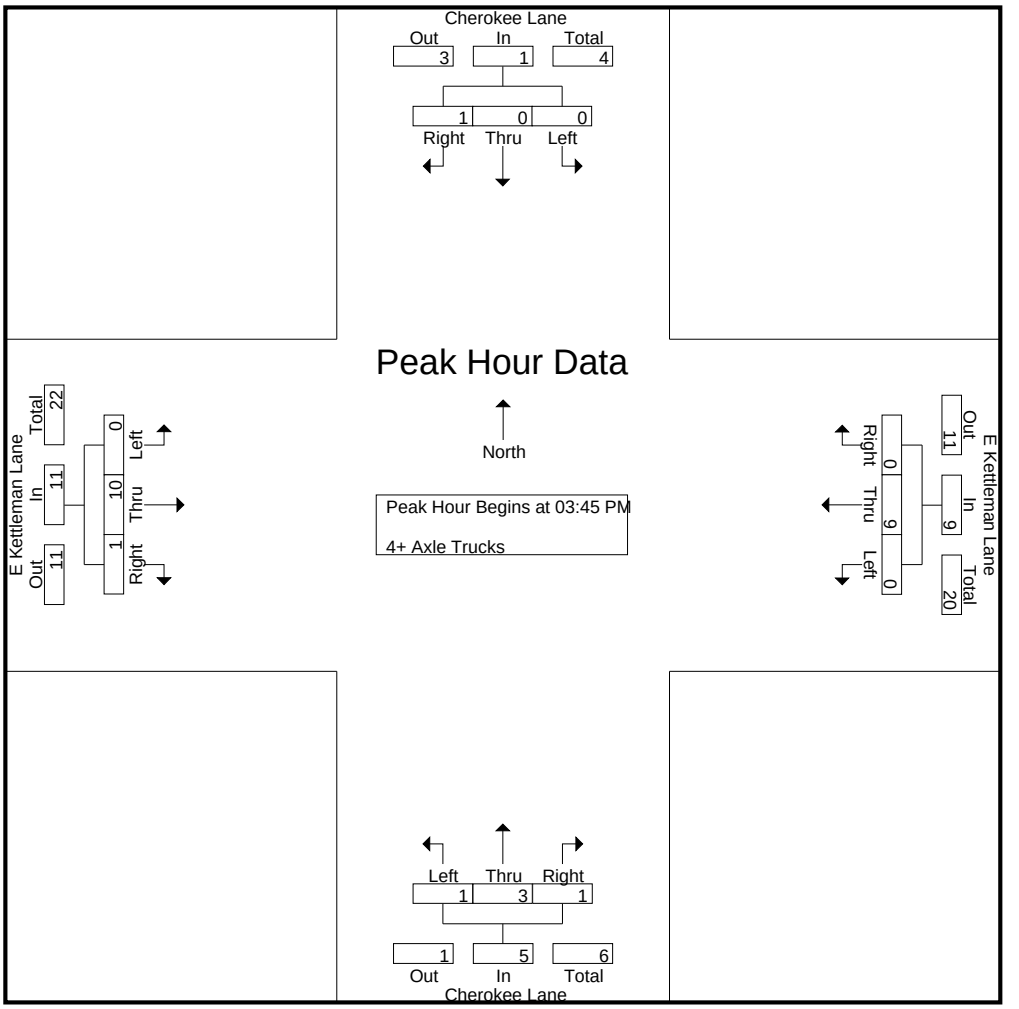
	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	2	0	2	1	2	0	3	0	5	0	5	10
02:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	5	1	6	7
02:30 PM	0	2	0	2	0	3	0	3	1	0	0	1	1	4	0	5	11
02:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	1	4	1	6	7
Total	0	2	0	2	0	7	0	7	2	2	0	4	2	18	2	22	35
03:00 PM	0	0	0	0	0	4	0	4	2	0	0	2	0	5	0	5	11
03:15 PM	0	1	0	1	0	2	0	2	0	0	2	2	0	0	0	0	5
03:30 PM	0	0	0	0	0	2	0	2	0	1	0	1	0	1	2	3	6
03:45 PM	0	0	0	0	0	3	0	3	0	1	0	1	0	3	0	3	7
Total	0	1	0	1	0	11	0	11	2	2	2	6	0	9	2	11	29
04:00 PM	0	0	0	0	0	1	0	1	1	2	1	4	0	0	0	0	5
04:15 PM	0	0	1	1	0	4	0	4	0	0	0	0	0	3	0	3	8
04:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	4	1	5	6
04:45 PM	0	0	0	0	0	5	0	5	2	0	1	3	0	4	1	5	13
Total	0	0	1	1	0	11	0	11	3	2	2	7	0	11	2	13	32
05:00 PM	0	0	0	0	0	4	0	4	0	0	0	0	1	5	0	6	10
05:15 PM	0	0	1	1	0	2	0	2	1	0	0	1	1	3	0	4	8
05:30 PM	0	0	0	0	0	2	0	2	0	1	0	1	0	2	0	2	5
05:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	3	0	3	4
Total	0	0	1	1	1	8	0	9	1	1	0	2	2	13	0	15	27
Grand Total	0	3	2	5	1	37	0	38	8	7	4	19	4	51	6	61	123
Apprch %	0	60	40		2.6	97.4	0		42.1	36.8	21.1		6.6	83.6	9.8		
Total %	0	2.4	1.6	4.1	0.8	30.1	0	30.9	6.5	5.7	3.3	15.4	3.3	41.5	4.9	49.6	

	Cherokee Lane Southbound				E Kettleman Lane Westbound				Cherokee Lane Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	0	0	0	0	3	0	3	0	1	0	1	0	3	0	3	7
04:00 PM	0	0	0	0	0	1	0	1	**1**	**2**	**1**	**4**	0	0	0	0	5
04:15 PM	0	0	**1**	**1**	0	**4**	0	**4**	0	0	0	0	0	3	0	3	**8**
04:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	**4**	**1**	**5**	6
Total Volume	0	0	1	1	0	9	0	9	1	3	1	5	0	10	1	11	26
% App. Total	0	0	100		0	100	0		20	60	20		0	90.9	9.1		
PHF	.000	.000	.250	.250	.000	.563	.000	.563	.250	.375	.250	.313	.000	.625	.250	.550	.813

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City of Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane
Weather: Clear

File Name : 01_LDI_Cher_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	0	0	0	0	0	3	0	3	0	1	0	1	0	3	0	3
+15 mins.	0	0	0	0	0	1	0	1	**1**	**2**	**1**	**4**	0	0	0	0
+30 mins.	0	0	**1**	**1**	0	**4**	0	**4**	0	0	0	0	0	3	0	3
+45 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	**4**	**1**	**5**
Total Volume	0	0	1	1	0	9	0	9	1	3	1	5	0	10	1	11
% App. Total	0	0	100		0	100	0		20	60	20		0	90.9	9.1	
PHF	.000	.000	.250	.250	.000	.563	.000	.563	.250	.375	.250	.313	.000	.625	.250	.550

Location: Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane

Date: 5/9/2024
Day: Wednesday

PEDESTRIANS

	North Leg Cherokee Lane	East Leg E Kettleman Lane	South Leg Cherokee Lane	West Leg E Kettleman Lane	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	0	1	0	1	2
2:15 PM	2	2	0	0	4
2:30 PM	1	0	0	1	2
2:45 PM	0	0	0	2	2
3:00 PM	0	2	0	3	5
3:15 PM	0	0	0	1	1
3:30 PM	1	1	1	0	3
3:45 PM	2	0	0	0	2
4:00 PM	0	0	0	2	2
4:15 PM	1	0	0	0	1
4:30 PM	1	0	0	1	2
4:45 PM	1	0	0	3	4
5:00 PM	0	0	1	0	1
5:15 PM	0	0	1	1	2
5:30 PM	0	1	0	0	1
5:45 PM	0	0	0	2	2
TOTAL VOLUMES:	9	7	3	17	36

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Location: Lodi
N/S: Cherokee Lane
E/W: E Kettleman Lane

Date: 4/13/2022
Day: Wednesday

BICYCLES

	Southbound Cherokee Lane			Westbound E Kettleman Lane			Northbound Cherokee Lane			Eastbound E Kettleman Lane			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	1	1

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City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

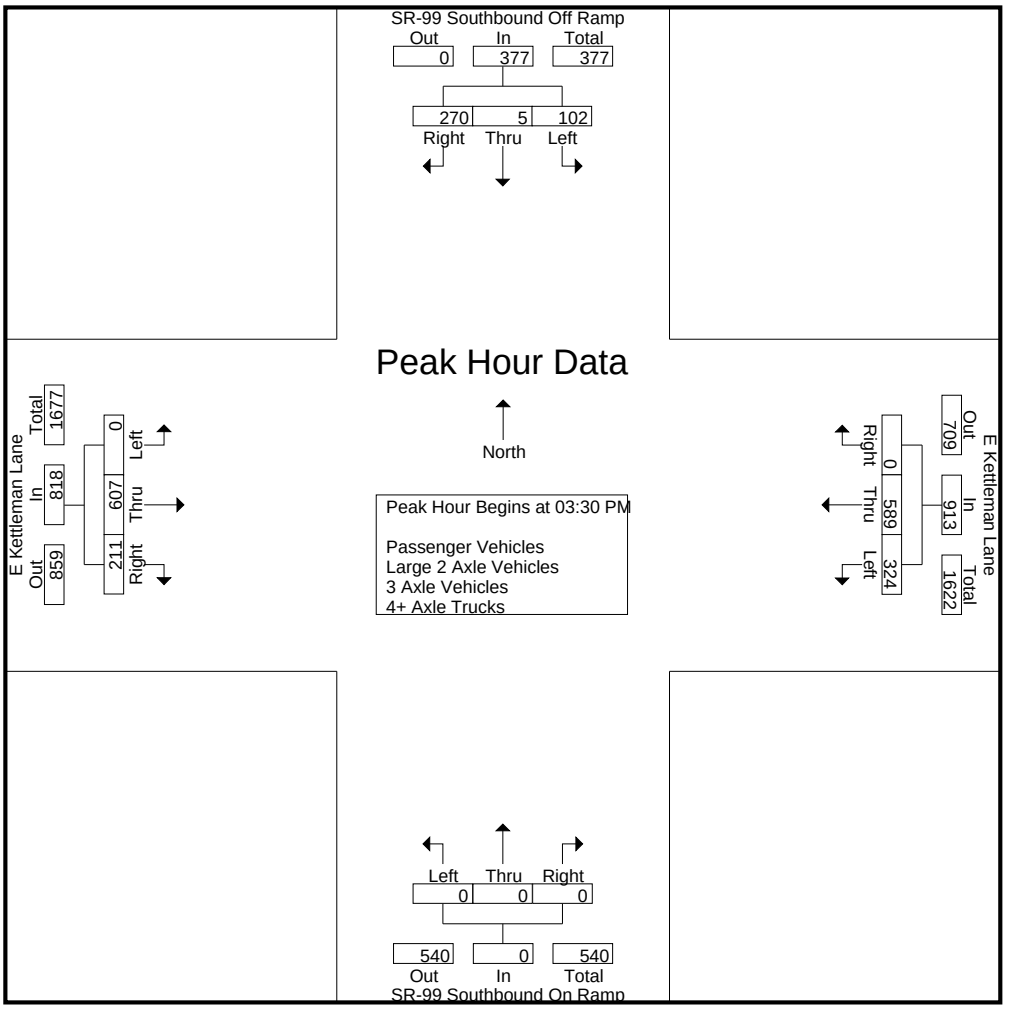
	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	16	0	50	66	61	92	0	153	0	0	0	0	0	112	39	151	370
02:15 PM	17	0	49	66	54	94	0	148	0	0	0	0	0	123	43	166	380
02:30 PM	16	1	67	84	76	133	0	209	0	0	0	0	0	148	47	195	488
02:45 PM	17	0	54	71	67	131	0	198	0	0	0	0	0	129	56	185	454
Total	66	1	220	287	258	450	0	708	0	0	0	0	0	512	185	697	1692
03:00 PM	15	0	56	71	67	120	0	187	0	0	0	0	0	146	43	189	447
03:15 PM	15	1	58	74	61	116	0	177	0	0	0	0	0	112	43	155	406
03:30 PM	20	1	68	89	95	157	0	252	0	0	0	0	0	144	46	190	531
03:45 PM	19	0	72	91	93	144	0	237	0	0	0	0	0	144	49	193	521
Total	69	2	254	325	316	537	0	853	0	0	0	0	0	546	181	727	1905
04:00 PM	26	3	63	92	62	156	0	218	0	0	0	0	0	170	50	220	530
04:15 PM	37	1	67	105	74	132	0	206	0	0	0	0	0	149	66	215	526
04:30 PM	20	0	56	76	79	150	0	229	0	0	0	0	0	140	51	191	496
04:45 PM	17	1	60	78	88	118	0	206	0	0	0	0	0	147	61	208	492
Total	100	5	246	351	303	556	0	859	0	0	0	0	0	606	228	834	2044
05:00 PM	14	2	51	67	65	107	0	172	0	0	0	0	0	134	66	200	439
05:15 PM	17	1	59	77	62	84	0	146	0	0	0	0	0	127	53	180	403
05:30 PM	10	0	66	76	57	113	0	170	0	0	0	0	0	113	38	151	397
05:45 PM	13	0	52	65	43	109	0	152	0	0	0	0	0	130	57	187	404
Total	54	3	228	285	227	413	0	640	0	0	0	0	0	504	214	718	1643
Grand Total	289	11	948	1248	1104	1956	0	3060	0	0	0	0	0	2168	808	2976	7284
Apprch %	23.2	0.9	76		36.1	63.9	0		0	0	0		0	72.8	27.2		
Total %	4	0.2	13	17.1	15.2	26.9	0	42	0	0	0	0	0	29.8	11.1	40.9	
Passenger Vehicles	273	10	922	1205	1041	1889	0	2930	0	0	0	0	0	2087	775	2862	6997
% Passenger Vehicles	94.5	90.9	97.3	96.6	94.3	96.6	0	95.8	0	0	0	0	0	96.3	95.9	96.2	96.1
Large 2 Axle Vehicles	6	0	9	15	14	36	0	50	0	0	0	0	0	36	15	51	116
% Large 2 Axle Vehicles	2.1	0	0.9	1.2	1.3	1.8	0	1.6	0	0	0	0	0	1.7	1.9	1.7	1.6
3 Axle Vehicles	3	1	4	8	6	4	0	10	0	0	0	0	0	3	3	6	24
% 3 Axle Vehicles	1	9.1	0.4	0.6	0.5	0.2	0	0.3	0	0	0	0	0	0.1	0.4	0.2	0.3
4+ Axle Trucks	7	0	13	20	43	27	0	70	0	0	0	0	0	42	15	57	147
% 4+ Axle Trucks	2.4	0	1.4	1.6	3.9	1.4	0	2.3	0	0	0	0	0	1.9	1.9	1.9	2

	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	20	1	68	89	**95**	**157**	0	**252**	0	0	0	0	0	144	46	190	**531**
03:45 PM	19	0	**72**	91	93	144	0	237	0	0	0	0	0	144	49	193	521
04:00 PM	26	**3**	63	92	62	156	0	218	0	0	0	0	0	**170**	50	**220**	530
04:15 PM	**37**	1	67	**105**	74	132	0	206	0	0	0	0	0	149	**66**	215	526
Total Volume	102	5	270	377	324	589	0	913	0	0	0	0	0	607	211	818	2108
% App. Total	27.1	1.3	71.6		35.5	64.5	0		0	0	0		0	74.2	25.8		
PHF	.689	.417	.938	.898	.853	.938	.000	.906	.000	.000	.000	.000	.000	.893	.799	.930	.992

Counts Unlimited, Inc.
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(951) 268-6268

City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				02:00 PM				04:00 PM			
+0 mins.	20	1	68	89	**95**	**157**	0	**252**	0	0	0	0	0	**170**	50	**220**
+15 mins.	19	0	**72**	91	93	144	0	237	0	0	0	0	0	149	**66**	215
+30 mins.	26	**3**	63	92	62	156	0	218	0	0	0	0	0	140	51	191
+45 mins.	**37**	1	67	**105**	74	132	0	206	0	0	0	0	0	147	61	208
Total Volume	102	5	270	377	324	589	0	913	0	0	0	0	0	606	228	834
% App. Total	27.1	1.3	71.6		35.5	64.5	0		0	0	0		0	72.7	27.3	
PHF	.689	.417	.938	.898	.853	.938	.000	.906	.000	.000	.000	.000	.000	.891	.864	.948

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City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles

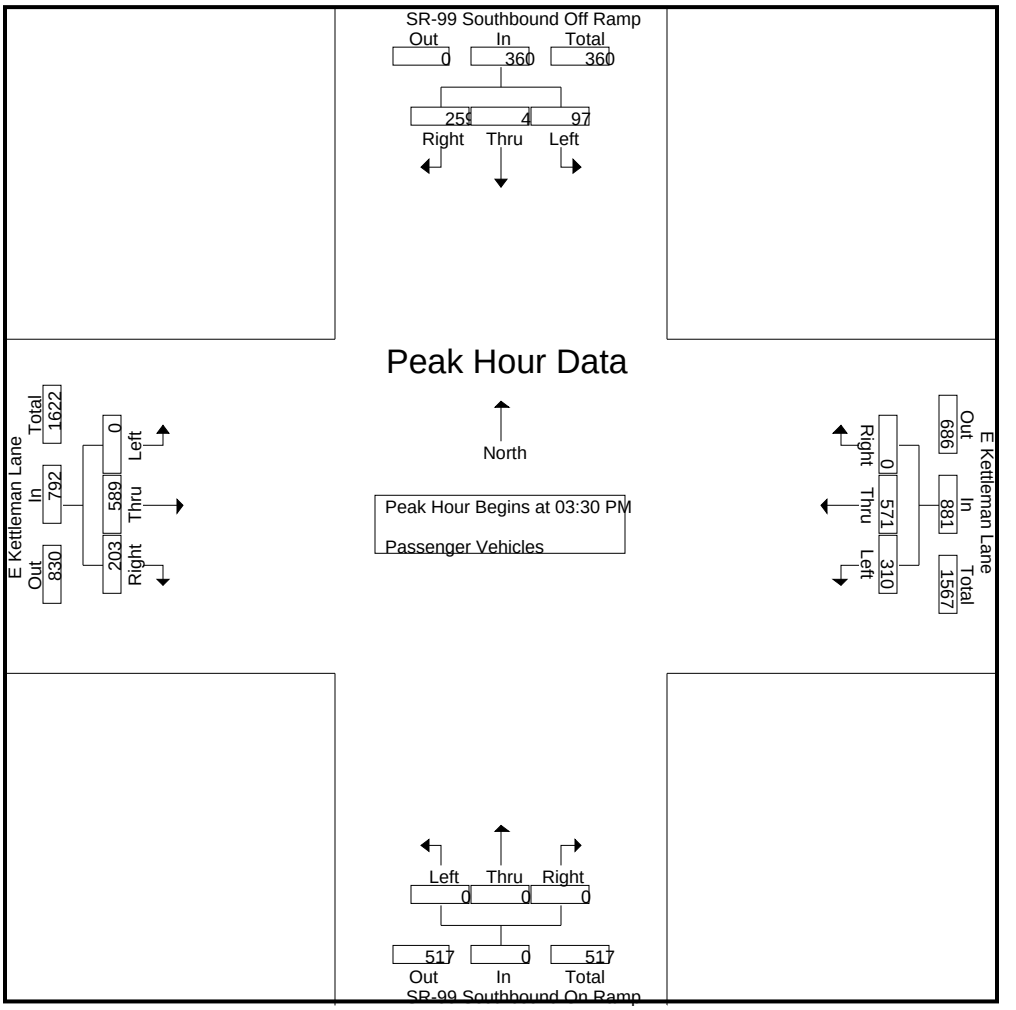
	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	15	0	50	65	53	85	0	138	0	0	0	0	0	108	37	145	348
02:15 PM	17	0	49	66	47	92	0	139	0	0	0	0	0	118	41	159	364
02:30 PM	15	1	66	82	73	129	0	202	0	0	0	0	0	143	45	188	472
02:45 PM	17	0	52	69	62	130	0	192	0	0	0	0	0	124	52	176	437
Total	64	1	217	282	235	436	0	671	0	0	0	0	0	493	175	668	1621
03:00 PM	14	0	54	68	64	113	0	177	0	0	0	0	0	137	42	179	424
03:15 PM	15	1	56	72	57	110	0	167	0	0	0	0	0	109	43	152	391
03:30 PM	19	1	67	87	91	151	0	242	0	0	0	0	0	139	45	184	513
03:45 PM	19	0	67	86	90	141	0	231	0	0	0	0	0	141	47	188	505
Total	67	2	244	313	302	515	0	817	0	0	0	0	0	526	177	703	1833
04:00 PM	25	2	60	87	60	153	0	213	0	0	0	0	0	164	48	212	512
04:15 PM	34	1	65	100	69	126	0	195	0	0	0	0	0	145	63	208	503
04:30 PM	19	0	55	74	75	144	0	219	0	0	0	0	0	130	49	179	472
04:45 PM	16	1	60	77	88	113	0	201	0	0	0	0	0	141	58	199	477
Total	94	4	240	338	292	536	0	828	0	0	0	0	0	580	218	798	1964
05:00 PM	12	2	49	63	60	104	0	164	0	0	0	0	0	128	62	190	417
05:15 PM	14	1	58	73	58	80	0	138	0	0	0	0	0	120	52	172	383
05:30 PM	10	0	64	74	55	112	0	167	0	0	0	0	0	112	36	148	389
05:45 PM	12	0	50	62	39	106	0	145	0	0	0	0	0	128	55	183	390
Total	48	3	221	272	212	402	0	614	0	0	0	0	0	488	205	693	1579
Grand Total	273	10	922	1205	1041	1889	0	2930	0	0	0	0	0	2087	775	2862	6997
Apprch %	22.7	0.8	76.5		35.5	64.5	0		0	0	0		0	72.9	27.1		
Total %	3.9	0.1	13.2	17.2	14.9	27	0	41.9	0	0	0	0	0	29.8	11.1	40.9	

	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	19	1	**67**	87	**91**	151	0	**242**	0	0	0	0	0	139	45	184	**513**
03:45 PM	19	0	67	86	90	141	0	231	0	0	0	0	0	141	47	188	505
04:00 PM	25	**2**	60	87	60	**153**	0	213	0	0	0	0	0	**164**	48	**212**	512
04:15 PM	**34**	1	65	**100**	69	126	0	195	0	0	0	0	0	145	**63**	208	503
Total Volume	97	4	259	360	310	571	0	881	0	0	0	0	0	589	203	792	2033
% App. Total	26.9	1.1	71.9		35.2	64.8	0		0	0	0		0	74.4	25.6		
PHF	.713	.500	.966	.900	.852	.933	.000	.910	.000	.000	.000	.000	.000	.898	.806	.934	.991

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City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	19	1	**67**	87	**91**	151	0	**242**	0	0	0	0	0	139	45	184
+15 mins.	19	0	67	86	90	141	0	231	0	0	0	0	0	141	47	188
+30 mins.	25	**2**	60	87	60	**153**	0	213	0	0	0	0	0	**164**	48	**212**
+45 mins.	**34**	1	65	**100**	69	126	0	195	0	0	0	0	0	145	**63**	208
Total Volume	97	4	259	360	310	571	0	881	0	0	0	0	0	589	203	792
% App. Total	26.9	1.1	71.9		35.2	64.8	0		0	0	0		0	74.4	25.6	
PHF	.713	.500	.966	.900	.852	.933	.000	.910	.000	.000	.000	.000	.000	.898	.806	.934

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City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

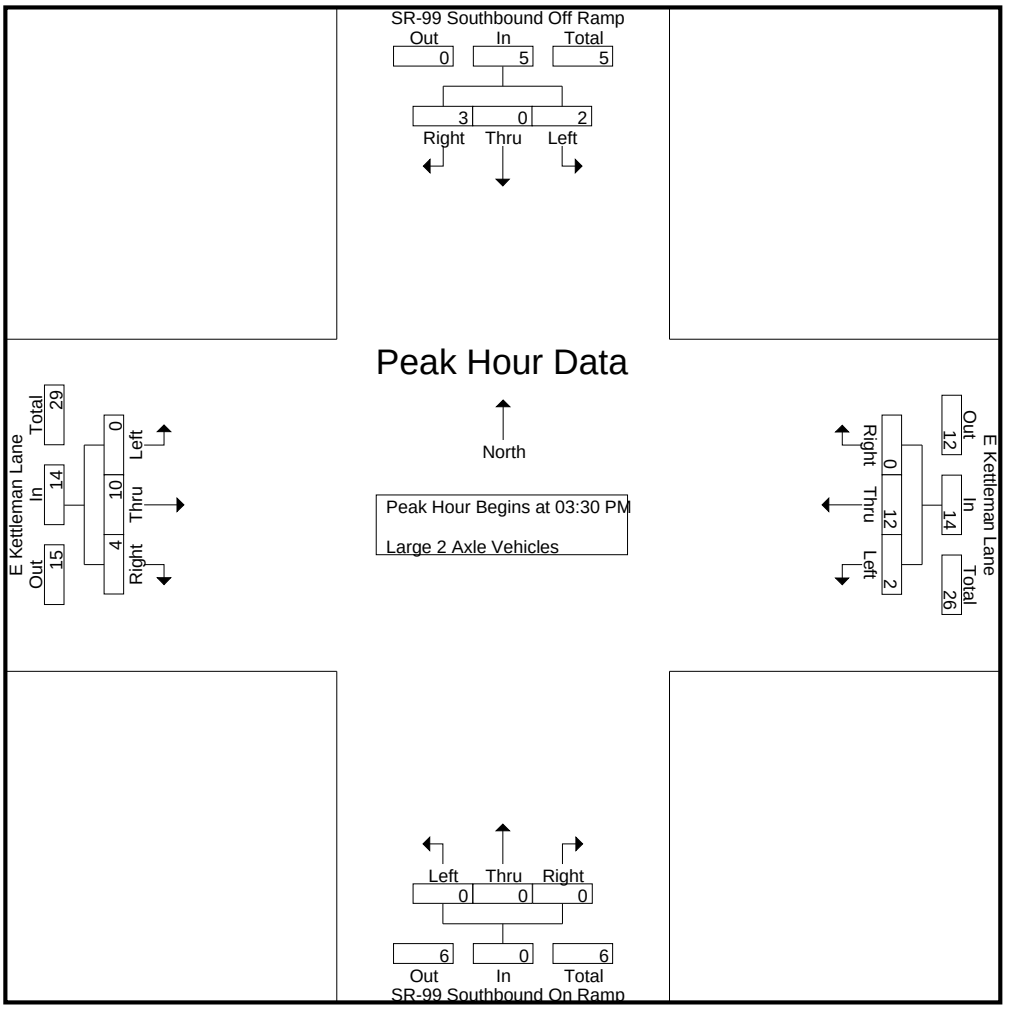
	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	4	5	0	9	0	0	0	0	0	1	0	1	10
02:15 PM	0	0	0	0	2	1	0	3	0	0	0	0	0	1	1	2	5
02:30 PM	1	0	0	1	0	2	0	2	0	0	0	0	0	1	1	2	5
02:45 PM	0	0	1	1	1	1	0	2	0	0	0	0	0	2	3	5	8
Total	1	0	1	2	7	9	0	16	0	0	0	0	0	5	5	10	28
03:00 PM	0	0	1	1	0	2	0	2	0	0	0	0	0	4	0	4	7
03:15 PM	0	0	0	0	1	4	0	5	0	0	0	0	0	1	0	1	6
03:30 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	3	1	4	7
03:45 PM	0	0	1	1	0	2	0	2	0	0	0	0	0	2	1	3	6
Total	0	0	2	2	1	11	0	12	0	0	0	0	0	10	2	12	26
04:00 PM	0	0	2	2	0	3	0	3	0	0	0	0	0	3	1	4	9
04:15 PM	2	0	0	2	2	4	0	6	0	0	0	0	0	2	1	3	11
04:30 PM	0	0	1	1	0	4	0	4	0	0	0	0	0	7	1	8	13
04:45 PM	1	0	0	1	0	1	0	1	0	0	0	0	0	3	1	4	6
Total	3	0	3	6	2	12	0	14	0	0	0	0	0	15	4	19	39
05:00 PM	0	0	0	0	1	1	0	2	0	0	0	0	0	3	2	5	7
05:15 PM	2	0	0	2	1	1	0	2	0	0	0	0	0	3	0	3	7
05:30 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	0	1	1	3
05:45 PM	0	0	2	2	2	1	0	3	0	0	0	0	0	0	1	1	6
Total	2	0	3	5	4	4	0	8	0	0	0	0	0	6	4	10	23
Grand Total	6	0	9	15	14	36	0	50	0	0	0	0	0	36	15	51	116
Apprch %	40	0	60		28	72	0		0	0	0		0	70.6	29.4		
Total %	5.2	0	7.8	12.9	12.1	31	0	43.1	0	0	0	0	0	31	12.9	44	

	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	**3**	**1**	**4**	7
03:45 PM	0	0	1	1	0	2	0	2	0	0	0	0	0	2	1	3	6
04:00 PM	0	0	**2**	**2**	0	3	0	3	0	0	0	0	0	3	1	4	9
04:15 PM	**2**	0	0	2	**2**	**4**	0	**6**	0	0	0	0	0	2	1	3	**11**
Total Volume	2	0	3	5	2	12	0	14	0	0	0	0	0	10	4	14	33
% App. Total	40	0	60		14.3	85.7	0		0	0	0		0	71.4	28.6		
PHF	.250	.000	.375	.625	.250	.750	.000	.583	.000	.000	.000	.000	.000	.833	1.00	.875	.750

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	3	0	3	0	0	0	0	0	**3**	**1**	**4**
+15 mins.	0	0	1	1	0	2	0	2	0	0	0	0	0	2	1	3
+30 mins.	0	0	**2**	**2**	0	3	0	3	0	0	0	0	0	3	1	4
+45 mins.	**2**	0	0	2	**2**	**4**	0	**6**	0	0	0	0	0	2	1	3
Total Volume	2	0	3	5	2	12	0	14	0	0	0	0	0	10	4	14
% App. Total	40	0	60		14.3	85.7	0		0	0	0		0	71.4	28.6	
PHF	.250	.000	.375	.625	.250	.750	.000	.583	.000	.000	.000	.000	.000	.833	1.000	.875

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City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

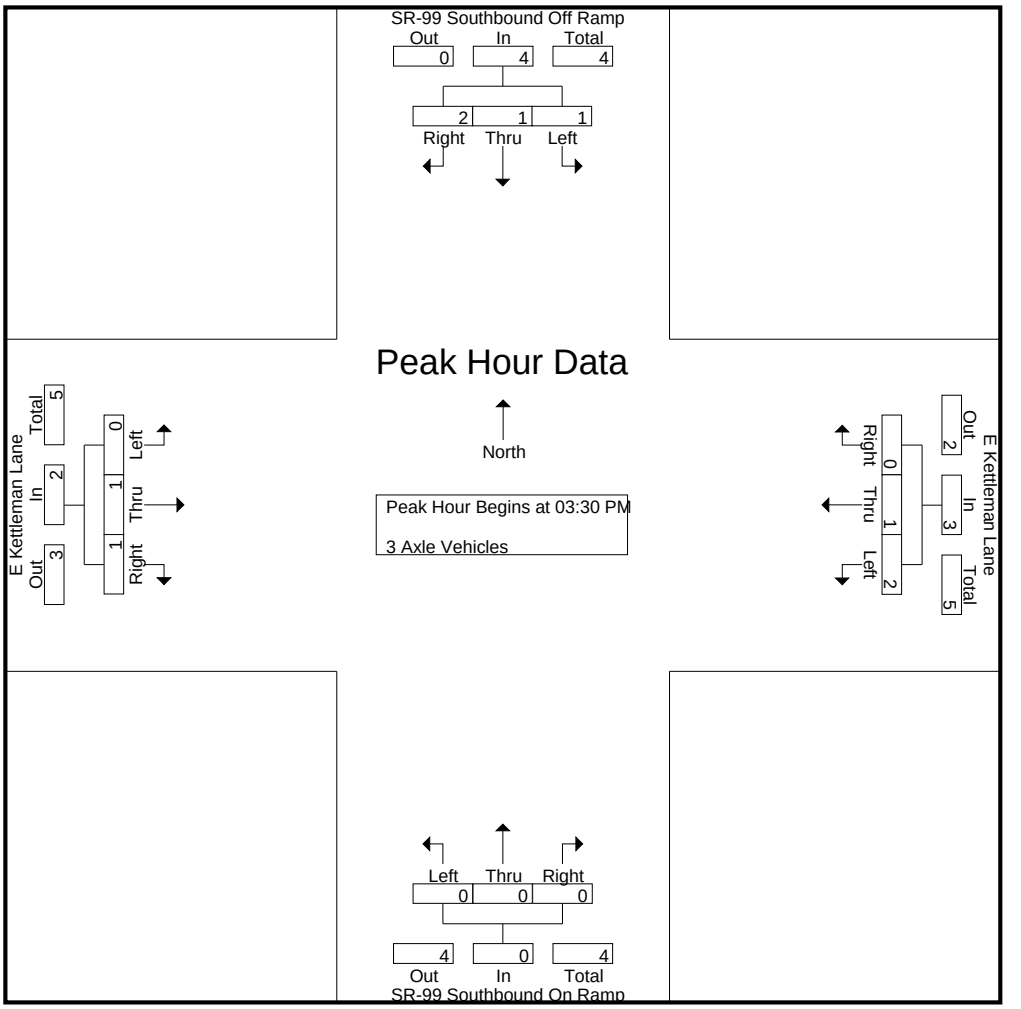
	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
02:45 PM	0	0	0	0	2	0	0	2	0	0	0	0	0	1	0	1	3
Total	1	0	0	1	2	0	0	2	0	0	0	0	0	1	1	2	5
03:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
03:15 PM	0	0	1	1	2	1	0	3	0	0	0	0	0	0	0	0	4
03:30 PM	1	0	0	1	1	1	0	2	0	0	0	0	0	1	0	1	4
03:45 PM	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	1	0	3	4	3	4	0	7	0	0	0	0	0	1	0	1	12
04:00 PM	0	1	0	1	1	0	0	1	0	0	0	0	0	0	1	1	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	1	0	0	1	0	0	0	0	0	0	1	1	3
05:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2	3
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	2	0	0	0	0	0	0	0	0	0	1	1	2	4
Grand Total	3	1	4	8	6	4	0	10	0	0	0	0	0	3	3	6	24
Apprch %	37.5	12.5	50		60	40	0		0	0	0		0	50	50		
Total %	12.5	4.2	16.7	33.3	25	16.7	0	41.7	0	0	0	0	0	12.5	12.5	25	

	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	**1**	0	0	1	**1**	**1**	0	**2**	0	0	0	0	0	**1**	0	**1**	**4**
03:45 PM	0	0	**2**	**2**	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00 PM	0	**1**	0	1	1	0	0	1	0	0	0	0	0	0	**1**	1	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	1	2	4	2	1	0	3	0	0	0	0	0	1	1	2	9
% App. Total	25	25	50		66.7	33.3	0		0	0	0		0	50	50		
PHF	.250	.250	.250	.500	.500	.250	.000	.375	.000	.000	.000	.000	.000	.250	.250	.500	.563

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(951) 268-6268

City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	**1**	0	0	1	**1**	**1**	0	**2**	0	0	0	0	0	**1**	0	**1**
+15 mins.	0	0	**2**	**2**	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	**1**	0	1	1	0	0	1	0	0	0	0	0	0	**1**	1
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	1	2	4	2	1	0	3	0	0	0	0	0	1	1	2
% App. Total	25	25	50		66.7	33.3	0		0	0	0		0	50	50	
PHF	.250	.250	.250	.500	.500	.250	.000	.375	.000	.000	.000	.000	.000	.250	.250	.500

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City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

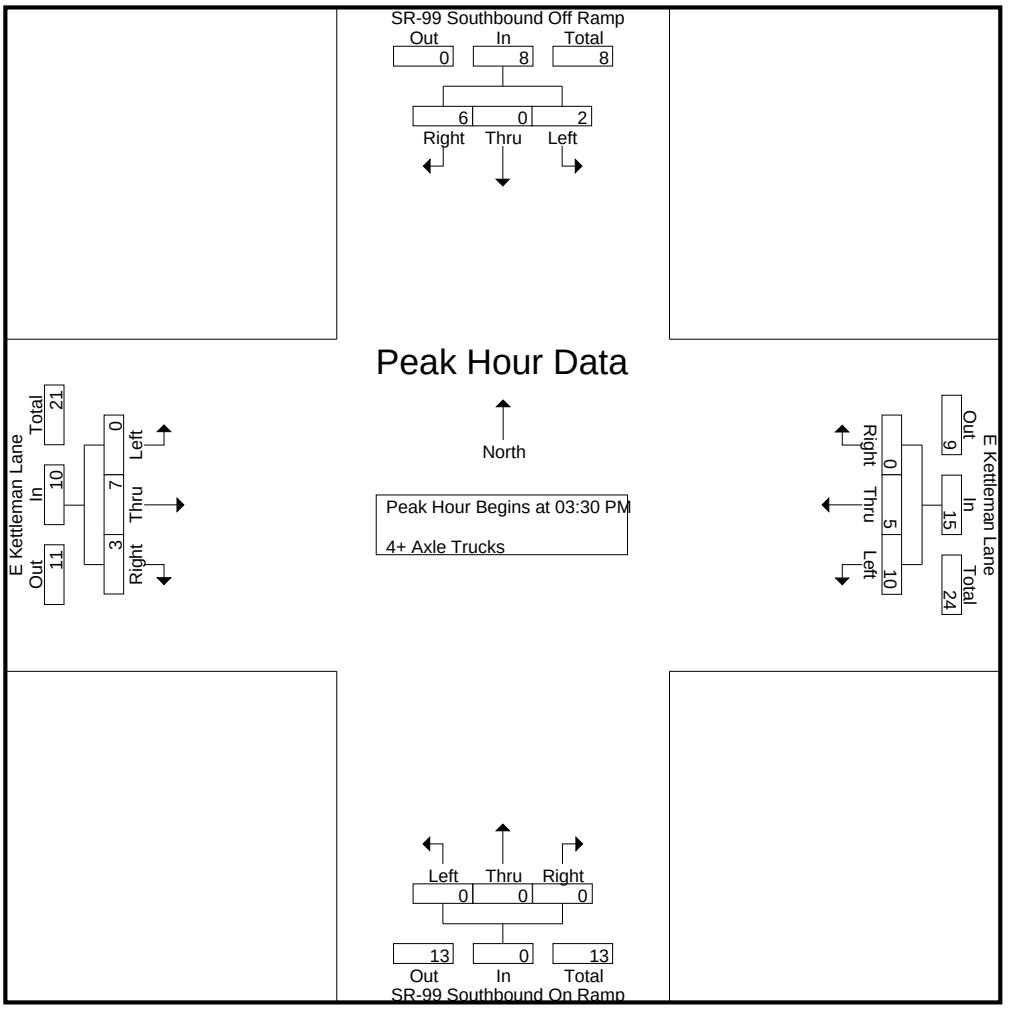
	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	4	2	0	6	0	0	0	0	0	3	2	5	11
02:15 PM	0	0	0	0	5	1	0	6	0	0	0	0	0	4	1	5	11
02:30 PM	0	0	1	1	3	2	0	5	0	0	0	0	0	4	0	4	10
02:45 PM	0	0	1	1	2	0	0	2	0	0	0	0	0	2	1	3	6
Total	0	0	2	2	14	5	0	19	0	0	0	0	0	13	4	17	38
03:00 PM	1	0	1	2	3	3	0	6	0	0	0	0	0	5	1	6	14
03:15 PM	0	0	1	1	1	1	0	2	0	0	0	0	0	2	0	2	5
03:30 PM	0	0	1	1	3	2	0	5	0	0	0	0	0	1	0	1	7
03:45 PM	0	0	2	2	3	1	0	4	0	0	0	0	0	1	1	2	8
Total	1	0	5	6	10	7	0	17	0	0	0	0	0	9	2	11	34
04:00 PM	1	0	1	2	1	0	0	1	0	0	0	0	0	3	0	3	6
04:15 PM	1	0	2	3	3	2	0	5	0	0	0	0	0	2	2	4	12
04:30 PM	1	0	0	1	4	2	0	6	0	0	0	0	0	3	1	4	11
04:45 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	3	2	5	9
Total	3	0	3	6	8	8	0	16	0	0	0	0	0	11	5	16	38
05:00 PM	1	0	2	3	4	2	0	6	0	0	0	0	0	3	2	5	14
05:15 PM	1	0	0	1	3	3	0	6	0	0	0	0	0	3	0	3	10
05:30 PM	0	0	1	1	2	0	0	2	0	0	0	0	0	1	1	2	5
05:45 PM	1	0	0	1	2	2	0	4	0	0	0	0	0	2	1	3	8
Total	3	0	3	6	11	7	0	18	0	0	0	0	0	9	4	13	37
Grand Total	7	0	13	20	43	27	0	70	0	0	0	0	0	42	15	57	147
Apprch %	35	0	65		61.4	38.6	0		0	0	0		0	73.7	26.3		
Total %	4.8	0	8.8	13.6	29.3	18.4	0	47.6	0	0	0	0	0	28.6	10.2	38.8	

	SR-99 Southbound Off Ramp Southbound				E Kettleman Lane Westbound				SR-99 Southbound On Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	1	1	**3**	**2**	0	**5**	0	0	0	0	0	1	0	1	7
03:45 PM	0	0	**2**	2	3	1	0	4	0	0	0	0	0	1	1	2	8
04:00 PM	**1**	0	1	2	1	0	0	1	0	0	0	0	0	**3**	0	3	6
04:15 PM	1	0	2	**3**	3	2	0	5	0	0	0	0	0	2	**2**	**4**	**12**
Total Volume	2	0	6	8	10	5	0	15	0	0	0	0	0	7	3	10	33
% App. Total	25	0	75		66.7	33.3	0		0	0	0		0	70	30		
PHF	.500	.000	.750	.667	.833	.625	.000	.750	.000	.000	.000	.000	.000	.583	.375	.625	.688

Counts Unlimited, Inc.
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City of Lodi
N/S: SR-99 Southbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 02_LDI_99S_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	1	1	**3**	**2**	0	**5**	0	0	0	0	0	1	0	1
+15 mins.	0	0	**2**	2	3	1	0	4	0	0	0	0	0	1	1	2
+30 mins.	**1**	0	1	2	1	0	0	1	0	0	0	0	0	**3**	0	3
+45 mins.	1	0	2	**3**	3	2	0	5	0	0	0	0	0	2	**2**	**4**
Total Volume	2	0	6	8	10	5	0	15	0	0	0	0	0	7	3	10
% App. Total	25	0	75		66.7	33.3	0		0	0	0		0	70	30	
PHF	.500	.000	.750	.667	.833	.625	.000	.750	.000	.000	.000	.000	.000	.583	.375	.625

Location: Lodi
N/S: SR-99 SB Ramps
E/W: E Kettleman Lane

Date: 5/9/2024
Day: Wednesday

PEDESTRIANS

	North Leg SR-99 SB Ramps	East Leg E Kettleman Lane	South Leg SR-99 SB Ramps	West Leg E Kettleman Lane	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	1	0	0	0	1
2:15 PM	2	0	0	1	3
2:30 PM	5	0	0	1	6
2:45 PM	2	0	0	0	2
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	2	0	0	0	2
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	4	0	0	0	4
4:45 PM	4	0	0	1	5
5:00 PM	1	0	0	0	1
5:15 PM	0	0	1	0	1
5:30 PM	2	0	1	1	4
5:45 PM	2	0	0	0	2
TOTAL VOLUMES:	25	0	2	4	31

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Location: Lodi
N/S: SR-99 SB Ramps
E/W: E Kettleman Lane

Date: 4/13/2022
Day: Wednesday

BICYCLES

	Southbound SR-99 SB Ramps			Westbound E Kettleman Lane			Northbound SR-99 SB Ramps			Eastbound E Kettleman Lane			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	0	0	0	0	0	0	0	0	1

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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

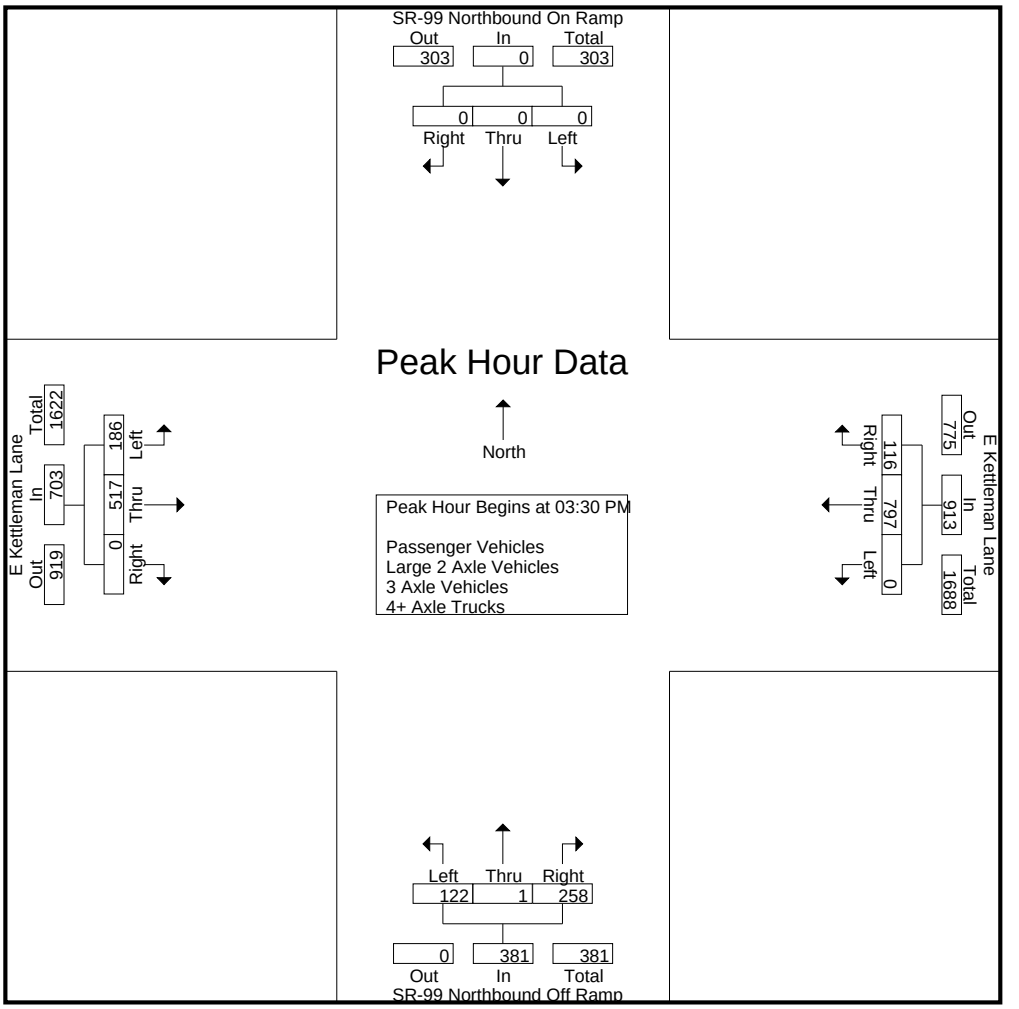
	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	140	22	162	27	0	43	70	28	92	0	120	352
02:15 PM	0	0	0	0	0	125	16	141	18	0	43	61	43	104	0	147	349
02:30 PM	0	0	0	0	0	186	18	204	25	1	69	95	47	120	0	167	466
02:45 PM	0	0	0	0	0	168	21	189	24	2	68	94	39	104	0	143	426
Total	0	0	0	0	0	619	77	696	94	3	223	320	157	420	0	577	1593
03:00 PM	0	0	0	0	0	171	18	189	21	0	48	69	43	116	0	159	417
03:15 PM	0	0	0	0	0	156	13	169	21	0	42	63	41	92	0	133	365
03:30 PM	0	0	0	0	0	221	31	252	38	0	54	92	43	115	0	158	502
03:45 PM	0	0	0	0	0	202	22	224	20	1	74	95	46	126	0	172	491
Total	0	0	0	0	0	750	84	834	100	1	218	319	173	449	0	622	1775
04:00 PM	0	0	0	0	0	195	32	227	35	0	79	114	55	140	0	195	536
04:15 PM	0	0	0	0	0	179	31	210	29	0	51	80	42	136	0	178	468
04:30 PM	0	0	0	0	0	213	27	240	25	2	73	100	48	106	0	154	494
04:45 PM	0	0	0	0	0	170	28	198	19	0	43	62	48	119	0	167	427
Total	0	0	0	0	0	757	118	875	108	2	246	356	193	501	0	694	1925
05:00 PM	0	0	0	0	0	144	20	164	28	0	36	64	51	94	0	145	373
05:15 PM	0	0	0	0	0	117	15	132	29	1	34	64	48	106	0	154	350
05:30 PM	0	0	0	0	0	142	26	168	28	0	29	57	35	92	0	127	352
05:45 PM	0	0	0	0	0	117	21	138	31	0	27	58	33	99	0	132	328
Total	0	0	0	0	0	520	82	602	116	1	126	243	167	391	0	558	1403
Grand Total	0	0	0	0	0	2646	361	3007	418	7	813	1238	690	1761	0	2451	6696
Apprch %	0	0	0		0	88	12		33.8	0.6	65.7		28.2	71.8	0		
Total %	0	0	0	0	0	39.5	5.4	44.9	6.2	0.1	12.1	18.5	10.3	26.3	0	36.6	
Passenger Vehicles	0	0	0	0	0	2543	339	2882	394	6	738	1138	655	1695	0	2350	6370
% Passenger Vehicles	0	0	0	0	0	96.1	93.9	95.8	94.3	85.7	90.8	91.9	94.9	96.3	0	95.9	95.1
Large 2 Axle Vehicles	0	0	0	0	0	36	11	47	12	0	32	44	13	31	0	44	135
% Large 2 Axle Vehicles	0	0	0	0	0	1.4	3	1.6	2.9	0	3.9	3.6	1.9	1.8	0	1.8	2
3 Axle Vehicles	0	0	0	0	0	9	2	11	2	0	0	2	1	5	0	6	19
% 3 Axle Vehicles	0	0	0	0	0	0.3	0.6	0.4	0.5	0	0	0.2	0.1	0.3	0	0.2	0.3
4+ Axle Trucks	0	0	0	0	0	58	9	67	10	1	43	54	21	30	0	51	172
% 4+ Axle Trucks	0	0	0	0	0	2.2	2.5	2.2	2.4	14.3	5.3	4.4	3	1.7	0	2.1	2.6

	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	**221**	31	**252**	**38**	0	54	92	43	115	0	158	502
03:45 PM	0	0	0	0	0	202	22	224	20	**1**	74	95	46	126	0	172	491
04:00 PM	0	0	0	0	0	195	**32**	227	35	0	**79**	**114**	**55**	**140**	0	**195**	**536**
04:15 PM	0	0	0	0	0	179	31	210	29	0	51	80	42	136	0	178	468
Total Volume	0	0	0	0	0	797	116	913	122	1	258	381	186	517	0	703	1997
% App. Total	0	0	0		0	87.3	12.7		32	0.3	67.7		26.5	73.5	0		
PHF	.000	.000	.000	.000	.000	.902	.906	.906	.803	.250	.816	.836	.845	.923	.000	.901	.931

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PO Box 1178
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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	02:00 PM				03:30 PM				03:45 PM				03:30 PM			
+0 mins.	0	0	0	0	0	**221**	31	**252**	20	1	74	95	43	115	0	158
+15 mins.	0	0	0	0	0	202	22	224	**35**	0	**79**	**114**	46	126	0	172
+30 mins.	0	0	0	0	0	195	**32**	227	29	0	51	80	**55**	**140**	0	**195**
+45 mins.	0	0	0	0	0	179	31	210	25	**2**	73	100	42	136	0	178
Total Volume	0	0	0	0	0	797	116	913	109	3	277	389	186	517	0	703
% App. Total	0	0	0		0	87.3	12.7		28	0.8	71.2		26.5	73.5	0	
PHF	.000	.000	.000	.000	.000	.902	.906	.906	.779	.375	.877	.853	.845	.923	.000	.901

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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles

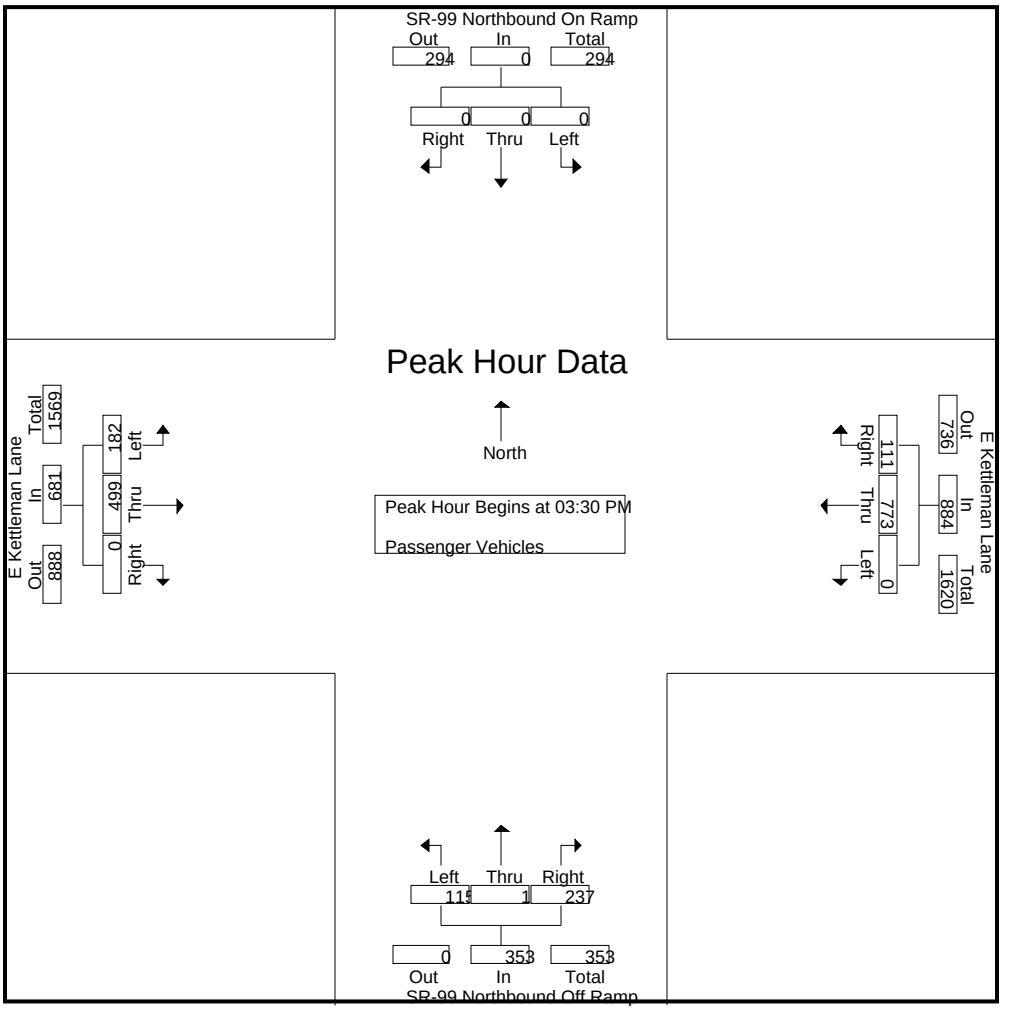
	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	129	19	148	22	0	36	58	27	88	0	115	321
02:15 PM	0	0	0	0	0	118	15	133	18	0	39	57	42	99	0	141	331
02:30 PM	0	0	0	0	0	181	17	198	23	0	65	88	43	117	0	160	446
02:45 PM	0	0	0	0	0	162	20	182	24	2	62	88	37	100	0	137	407
Total	0	0	0	0	0	590	71	661	87	2	202	291	149	404	0	553	1505
03:00 PM	0	0	0	0	0	160	17	177	19	0	45	64	38	112	0	150	391
03:15 PM	0	0	0	0	0	150	12	162	21	0	36	57	40	89	0	129	348
03:30 PM	0	0	0	0	0	213	31	244	34	0	49	83	41	112	0	153	480
03:45 PM	0	0	0	0	0	199	21	220	19	1	68	88	45	123	0	168	476
Total	0	0	0	0	0	722	81	803	93	1	198	292	164	436	0	600	1695
04:00 PM	0	0	0	0	0	190	28	218	35	0	74	109	54	132	0	186	513
04:15 PM	0	0	0	0	0	171	31	202	27	0	46	73	42	132	0	174	449
04:30 PM	0	0	0	0	0	204	27	231	25	2	65	92	42	100	0	142	465
04:45 PM	0	0	0	0	0	165	26	191	17	0	37	54	44	116	0	160	405
Total	0	0	0	0	0	730	112	842	104	2	222	328	182	480	0	662	1832
05:00 PM	0	0	0	0	0	137	19	156	27	0	35	62	47	89	0	136	354
05:15 PM	0	0	0	0	0	110	14	124	29	1	31	61	46	98	0	144	329
05:30 PM	0	0	0	0	0	142	22	164	24	0	25	49	34	92	0	126	339
05:45 PM	0	0	0	0	0	112	20	132	30	0	25	55	33	96	0	129	316
Total	0	0	0	0	0	501	75	576	110	1	116	227	160	375	0	535	1338
Grand Total	0	0	0	0	0	2543	339	2882	394	6	738	1138	655	1695	0	2350	6370
Apprch %	0	0	0		0	88.2	11.8		34.6	0.5	64.9		27.9	72.1	0		
Total %	0	0	0	0	0	39.9	5.3	45.2	6.2	0.1	11.6	17.9	10.3	26.6	0	36.9	

	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	**213**	**31**	**244**	34	0	49	83	41	112	0	153	480
03:45 PM	0	0	0	0	0	199	21	220	19	**1**	68	88	45	123	0	168	476
04:00 PM	0	0	0	0	0	190	28	218	**35**	0	**74**	**109**	**54**	**132**	0	**186**	**513**
04:15 PM	0	0	0	0	0	171	31	202	27	0	46	73	42	132	0	174	449
Total Volume	0	0	0	0	0	773	111	884	115	1	237	353	182	499	0	681	1918
% App. Total	0	0	0		0	87.4	12.6		32.6	0.3	67.1		26.7	73.3	0		
PHF	.000	.000	.000	.000	.000	.907	.895	.906	.821	.250	.801	.810	.843	.945	.000	.915	.935

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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	**213**	**31**	**244**	34	0	49	83	41	112	0	153
+15 mins.	0	0	0	0	0	199	21	220	19	**1**	68	88	45	123	0	168
+30 mins.	0	0	0	0	0	190	28	218	**35**	0	**74**	**109**	**54**	**132**	0	**186**
+45 mins.	0	0	0	0	0	171	31	202	27	0	46	73	42	132	0	174
Total Volume	0	0	0	0	0	773	111	884	115	1	237	353	182	499	0	681
% App. Total	0	0	0		0	87.4	12.6		32.6	0.3	67.1		26.7	73.3	0	
PHF	.000	.000	.000	.000	.000	.907	.895	.906	.821	.250	.801	.810	.843	.945	.000	.915

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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

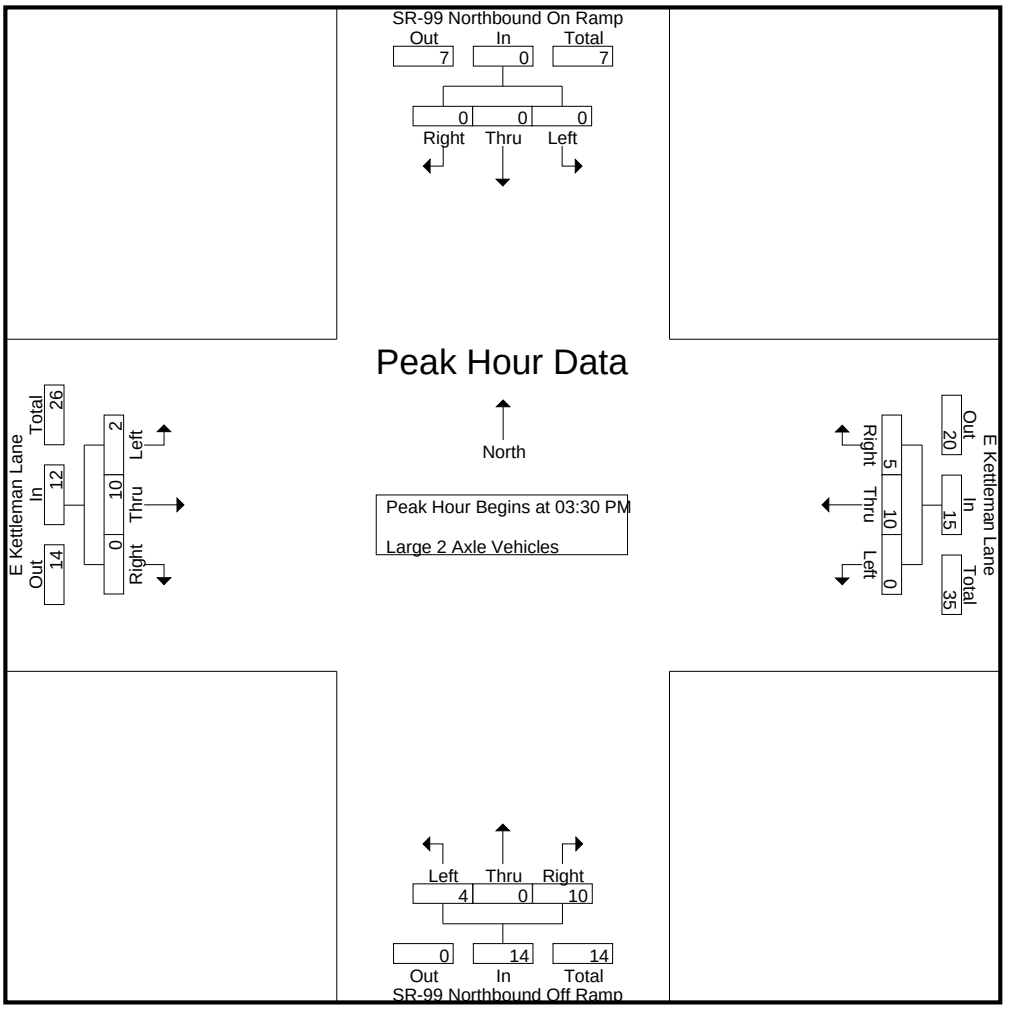
	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	5	2	7	3	0	2	5	0	1	0	1	13
02:15 PM	0	0	0	0	0	3	1	4	0	0	0	0	1	0	0	1	5
02:30 PM	0	0	0	0	0	1	0	1	1	0	0	1	1	2	0	3	5
02:45 PM	0	0	0	0	0	2	0	2	0	0	2	2	1	2	0	3	7
Total	0	0	0	0	0	11	3	14	4	0	4	8	3	5	0	8	30
03:00 PM	0	0	0	0	0	1	0	1	1	0	1	2	3	0	0	3	6
03:15 PM	0	0	0	0	0	4	0	4	0	0	3	3	0	1	0	1	8
03:30 PM	0	0	0	0	0	1	0	1	3	0	2	5	2	1	0	3	9
03:45 PM	0	0	0	0	0	1	1	2	0	0	3	3	0	2	0	2	7
Total	0	0	0	0	0	7	1	8	4	0	9	13	5	4	0	9	30
04:00 PM	0	0	0	0	0	3	4	7	0	0	2	2	0	5	0	5	14
04:15 PM	0	0	0	0	0	5	0	5	1	0	3	4	0	2	0	2	11
04:30 PM	0	0	0	0	0	3	0	3	0	0	6	6	2	6	0	8	17
04:45 PM	0	0	0	0	0	0	0	0	1	0	4	5	2	2	0	4	9
Total	0	0	0	0	0	11	4	15	2	0	15	17	4	15	0	19	51
05:00 PM	0	0	0	0	0	3	0	3	1	0	1	2	0	3	0	3	8
05:15 PM	0	0	0	0	0	1	1	2	0	0	2	2	1	4	0	5	9
05:30 PM	0	0	0	0	0	0	2	2	1	0	0	1	0	0	0	0	3
05:45 PM	0	0	0	0	0	3	0	3	0	0	1	1	0	0	0	0	4
Total	0	0	0	0	0	7	3	10	2	0	4	6	1	7	0	8	24
Grand Total	0	0	0	0	0	36	11	47	12	0	32	44	13	31	0	44	135
Apprch %	0	0	0		0	76.6	23.4		27.3	0	72.7		29.5	70.5	0		
Total %	0	0	0	0	0	26.7	8.1	34.8	8.9	0	23.7	32.6	9.6	23	0	32.6	

	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	1	0	1	**3**	0	2	**5**	**2**	1	0	3	9
03:45 PM	0	0	0	0	0	1	1	2	0	0	**3**	3	0	2	0	2	7
04:00 PM	0	0	0	0	0	3	**4**	**7**	0	0	2	2	0	**5**	0	**5**	**14**
04:15 PM	0	0	0	0	0	**5**	0	5	1	0	3	4	0	2	0	2	11
Total Volume	0	0	0	0	0	10	5	15	4	0	10	14	2	10	0	12	41
% App. Total	0	0	0		0	66.7	33.3		28.6	0	71.4		16.7	83.3	0		
PHF	.000	.000	.000	.000	.000	.500	.313	.536	.333	.000	.833	.700	.250	.500	.000	.600	.732

Counts Unlimited, Inc.
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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	1	0	1	**3**	0	2	**5**	**2**	1	0	3
+15 mins.	0	0	0	0	0	1	1	2	0	0	**3**	3	0	2	0	2
+30 mins.	0	0	0	0	0	3	**4**	**7**	0	0	2	2	0	**5**	0	**5**
+45 mins.	0	0	0	0	0	**5**	0	5	1	0	3	4	0	2	0	2
Total Volume	0	0	0	0	0	10	5	15	4	0	10	14	2	10	0	12
% App. Total	0	0	0		0	66.7	33.3		28.6	0	71.4		16.7	83.3	0	
PHF	.000	.000	.000	.000	.000	.500	.313	.536	.333	.000	.833	.700	.250	.500	.000	.600

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(951) 268-6268

City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

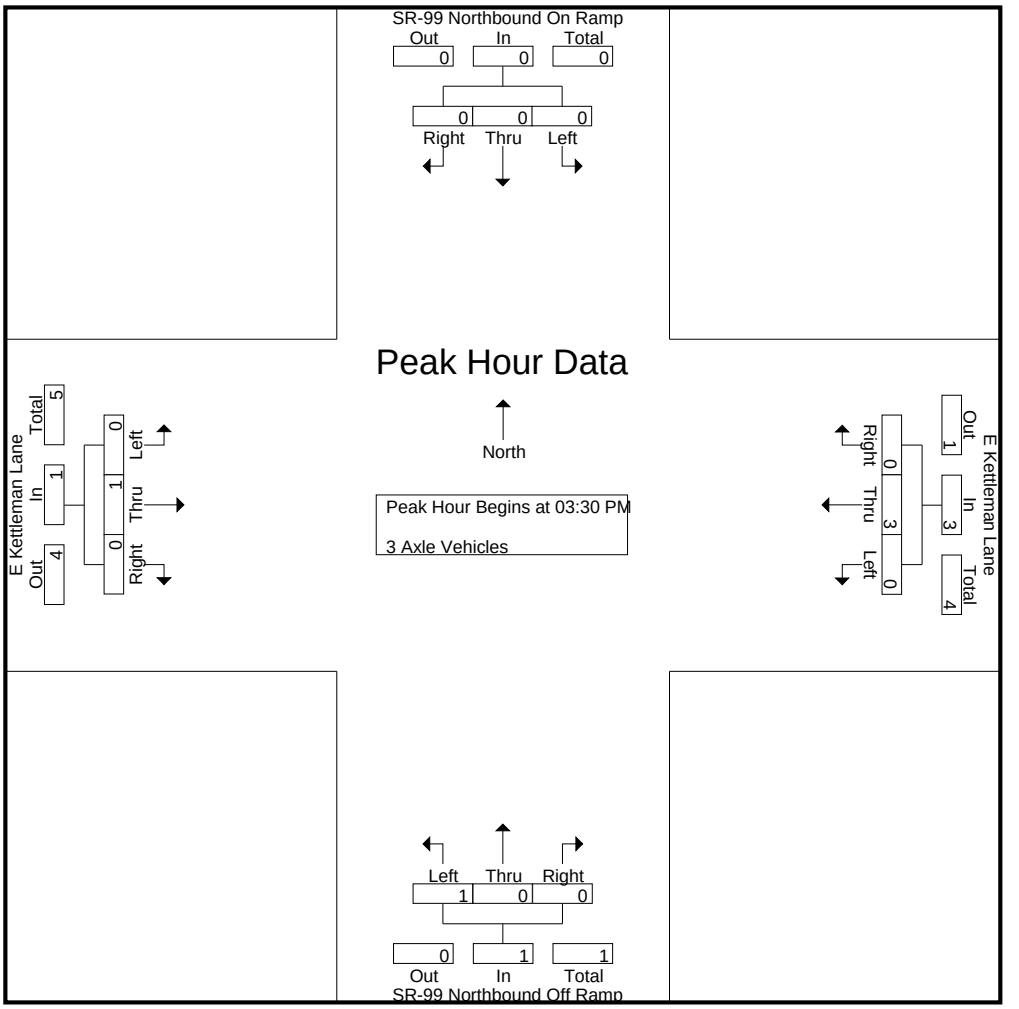
	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	2
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
02:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
Total	0	0	0	0	0	2	2	4	0	0	0	0	0	2	0	2	6
03:00 PM	0	0	0	0	0	2	0	2	1	0	0	1	0	0	0	0	3
03:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
03:30 PM	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	1	3
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	5	0	5	2	0	0	2	0	2	0	2	9
04:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
Grand Total	0	0	0	0	0	9	2	11	2	0	0	2	1	5	0	6	19
Apprch %	0	0	0		0	81.8	18.2		100	0	0		16.7	83.3	0		
Total %	0	0	0	0	0	47.4	10.5	57.9	10.5	0	0	10.5	5.3	26.3	0	31.6	

	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	**1**	0	**1**	**1**	0	0	**1**	0	**1**	0	**1**	**3**
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	3	0	3	1	0	0	1	0	1	0	1	5
% App. Total	0	0	0		0	100	0		100	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.750	.000	.750	.250	.000	.000	.250	.000	.250	.000	.250	.417

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	**1**	0	**1**	**1**	0	0	**1**	0	**1**	0	**1**
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	3	0	3	1	0	0	1	0	1	0	1
% App. Total	0	0	0		0	100	0		100	0	0		0	100	0	
PHF	.000	.000	.000	.000	.000	.750	.000	.750	.250	.000	.000	.250	.000	.250	.000	.250

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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

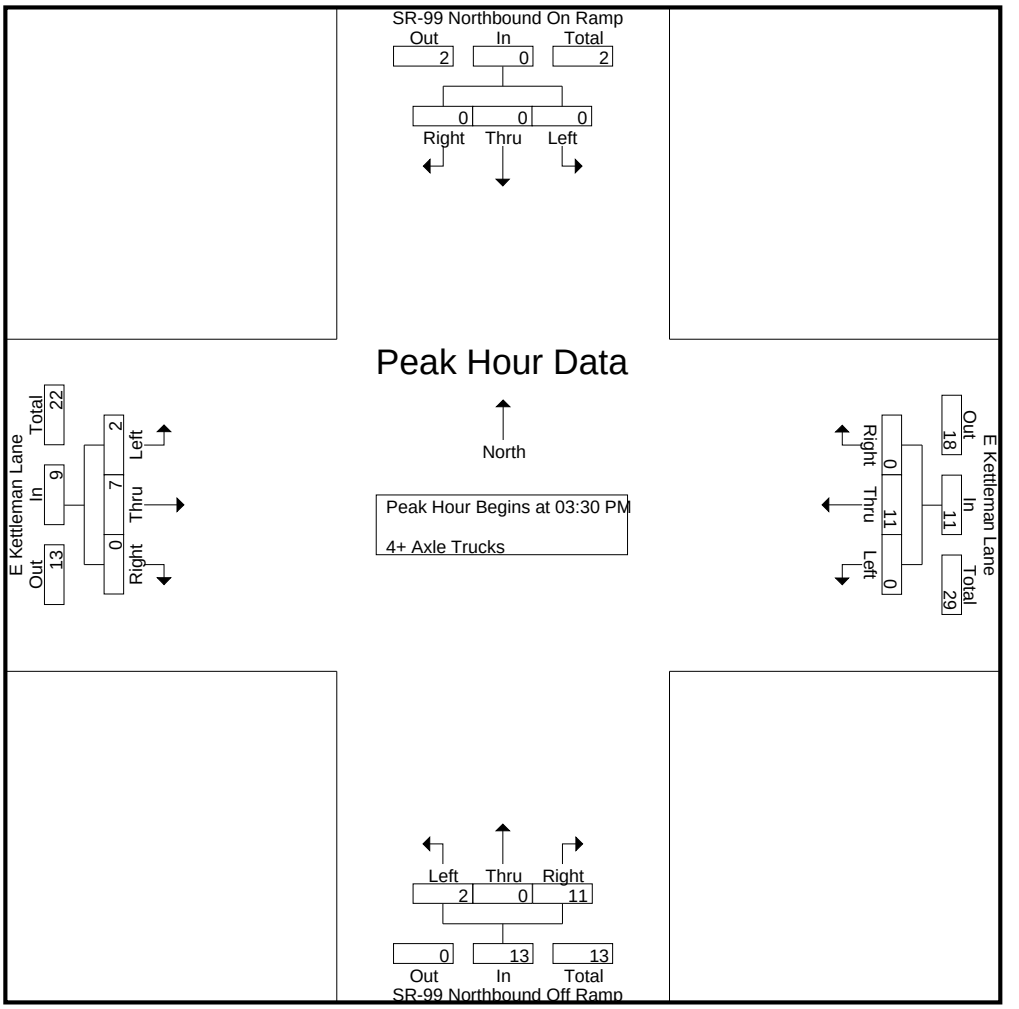
	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	6	0	6	2	0	5	7	1	2	0	3	16
02:15 PM	0	0	0	0	0	4	0	4	0	0	4	4	0	5	0	5	13
02:30 PM	0	0	0	0	0	4	0	4	1	1	4	6	3	1	0	4	14
02:45 PM	0	0	0	0	0	2	1	3	0	0	4	4	1	1	0	2	9
Total	0	0	0	0	0	16	1	17	3	1	17	21	5	9	0	14	52
03:00 PM	0	0	0	0	0	8	1	9	0	0	2	2	2	4	0	6	17
03:15 PM	0	0	0	0	0	0	1	1	0	0	3	3	1	1	0	2	6
03:30 PM	0	0	0	0	0	6	0	6	0	0	3	3	0	1	0	1	10
03:45 PM	0	0	0	0	0	2	0	2	1	0	3	4	1	1	0	2	8
Total	0	0	0	0	0	16	2	18	1	0	11	12	4	7	0	11	41
04:00 PM	0	0	0	0	0	1	0	1	0	0	3	3	1	3	0	4	8
04:15 PM	0	0	0	0	0	2	0	2	1	0	2	3	0	2	0	2	7
04:30 PM	0	0	0	0	0	6	0	6	0	0	2	2	4	0	0	4	12
04:45 PM	0	0	0	0	0	5	2	7	1	0	2	3	2	1	0	3	13
Total	0	0	0	0	0	14	2	16	2	0	9	11	7	6	0	13	40
05:00 PM	0	0	0	0	0	4	1	5	0	0	0	0	4	1	0	5	10
05:15 PM	0	0	0	0	0	6	0	6	0	0	1	1	0	4	0	4	11
05:30 PM	0	0	0	0	0	0	2	2	3	0	4	7	1	0	0	1	10
05:45 PM	0	0	0	0	0	2	1	3	1	0	1	2	0	3	0	3	8
Total	0	0	0	0	0	12	4	16	4	0	6	10	5	8	0	13	39
Grand Total	0	0	0	0	0	58	9	67	10	1	43	54	21	30	0	51	172
Apprch %	0	0	0		0	86.6	13.4		18.5	1.9	79.6		41.2	58.8	0		
Total %	0	0	0	0	0	33.7	5.2	39	5.8	0.6	25	31.4	12.2	17.4	0	29.7	

	SR-99 Northbound On Ramp Southbound				E Kettleman Lane Westbound				SR-99 Northbound Off Ramp Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	**6**	0	**6**	0	0	**3**	3	0	1	0	1	**10**
03:45 PM	0	0	0	0	0	2	0	2	**1**	0	3	**4**	**1**	1	0	2	8
04:00 PM	0	0	0	0	0	1	0	1	0	0	3	3	1	**3**	0	**4**	8
04:15 PM	0	0	0	0	0	2	0	2	1	0	2	3	0	2	0	2	7
Total Volume	0	0	0	0	0	11	0	11	2	0	11	13	2	7	0	9	33
% App. Total	0	0	0		0	100	0		15.4	0	84.6		22.2	77.8	0		
PHF	.000	.000	.000	.000	.000	.458	.000	.458	.500	.000	.917	.813	.500	.583	.000	.563	.825

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City of Lodi
N/S: SR-99 Northbound Ramps
E/W: E Kettleman Lane
Weather: Clear

File Name : 03_LDI_99N_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	**6**	0	**6**	0	0	**3**	3	0	1	0	1
+15 mins.	0	0	0	0	0	2	0	2	**1**	0	3	**4**	**1**	1	0	2
+30 mins.	0	0	0	0	0	1	0	1	0	0	3	3	1	**3**	0	**4**
+45 mins.	0	0	0	0	0	2	0	2	1	0	2	3	0	2	0	2
Total Volume	0	0	0	0	0	11	0	11	2	0	11	13	2	7	0	9
% App. Total	0	0	0		0	100	0		15.4	0	84.6		22.2	77.8	0	
PHF	.000	.000	.000	.000	.000	.458	.000	.458	.500	.000	.917	.813	.500	.583	.000	.563

Location: Lodi
N/S: SR-99 NB Ramps
E/W: E Kettleman Lane

Date: 5/9/2024
Day: Wednesday

PEDESTRIANS

	North Leg SR-99 NB Ramps	East Leg E Kettleman Lane	South Leg SR-99 NB Ramps	West Leg E Kettleman Lane	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	1	0	0	0	1
2:15 PM	2	0	0	0	2
2:30 PM	6	0	0	0	6
2:45 PM	2	0	0	0	2
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	2	0	0	0	2
4:00 PM	0	0	0	0	0
4:15 PM	3	0	0	0	3
4:30 PM	5	0	0	0	5
4:45 PM	0	0	0	0	0
5:00 PM	1	0	0	0	1
5:15 PM	0	0	1	0	1
5:30 PM	2	0	0	0	2
5:45 PM	1	0	0	0	1
TOTAL VOLUMES:	25	0	1	0	26

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Location: Lodi
N/S: SR-99 NB Ramps
E/W: E Kettleman Lane

Date: 4/13/2022
Day: Wednesday

BICYCLES

	Southbound SR-99 NB Ramps			Westbound E Kettleman Lane			Northbound SR-99 NB Ramps			Eastbound E Kettleman Lane			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	0	0	0	0	0	0	1	0	2

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

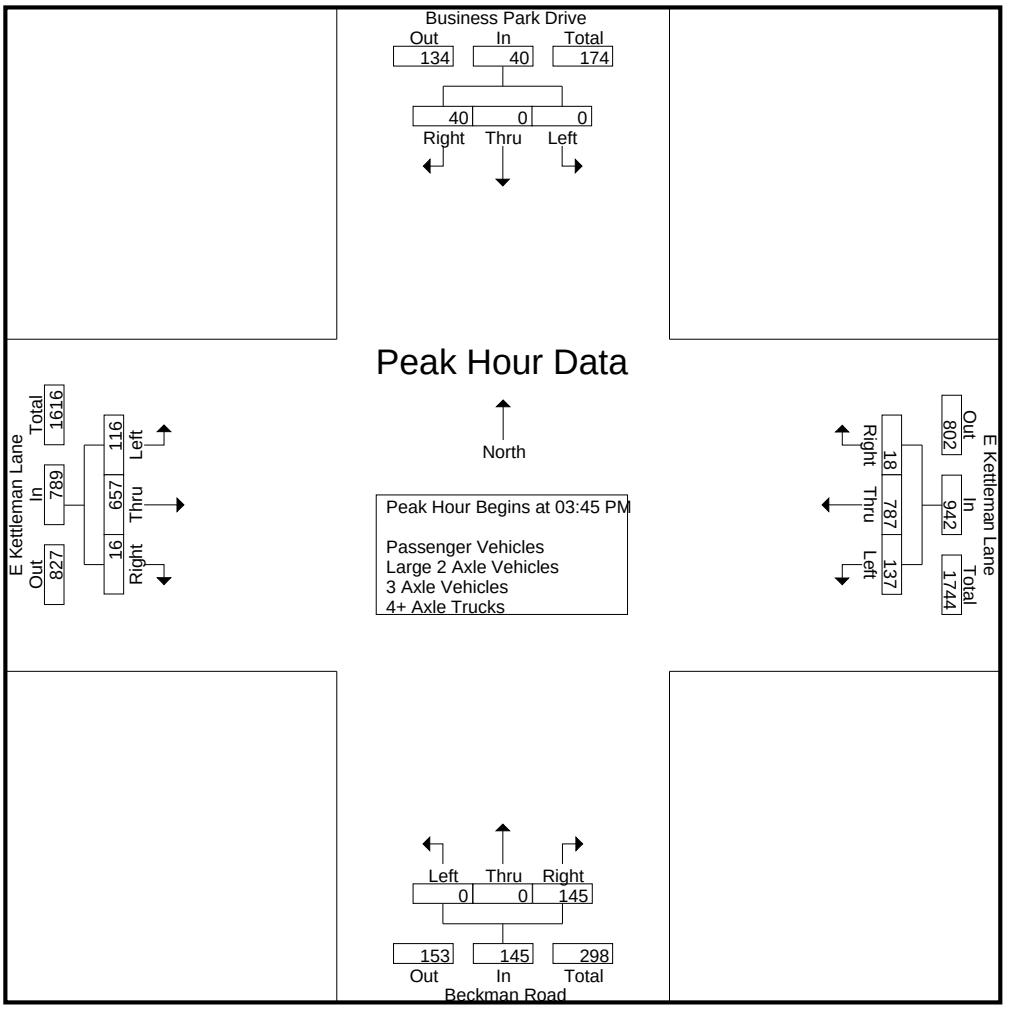
	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	18	18	26	137	2	165	0	0	23	23	28	106	4	138	344
02:15 PM	0	0	11	11	23	118	3	144	0	1	27	28	33	104	6	143	326
02:30 PM	0	0	13	13	30	172	2	204	0	0	39	39	41	138	7	186	442
02:45 PM	0	0	16	16	40	167	6	213	0	0	38	38	27	135	5	167	434
Total	0	0	58	58	119	594	13	726	0	1	127	128	129	483	22	634	1546
03:00 PM	0	0	15	15	39	151	3	193	0	0	25	25	43	124	3	170	403
03:15 PM	0	0	10	10	30	152	2	184	0	0	27	27	25	106	3	134	355
03:30 PM	0	0	15	15	48	232	4	284	0	0	31	31	29	125	3	157	487
03:45 PM	0	0	14	14	35	186	5	226	0	0	31	31	29	174	2	205	476
Total	0	0	54	54	152	721	14	887	0	0	114	114	126	529	11	666	1721
04:00 PM	0	0	10	10	32	205	1	238	0	0	28	28	33	179	6	218	494
04:15 PM	0	0	8	8	30	190	5	225	0	0	39	39	24	155	4	183	455
04:30 PM	0	0	8	8	40	206	7	253	0	0	47	47	30	149	4	183	491
04:45 PM	0	0	14	14	24	172	4	200	0	0	33	33	23	141	2	166	413
Total	0	0	40	40	126	773	17	916	0	0	147	147	110	624	16	750	1853
05:00 PM	0	0	14	14	21	143	7	171	0	0	18	18	21	110	5	136	339
05:15 PM	0	0	14	14	16	102	4	122	0	0	15	15	37	91	2	130	281
05:30 PM	0	0	21	21	24	141	3	168	0	0	12	12	29	88	3	120	321
05:45 PM	0	0	13	13	13	119	2	134	0	0	17	17	31	94	9	134	298
Total	0	0	62	62	74	505	16	595	0	0	62	62	118	383	19	520	1239
Grand Total	0	0	214	214	471	2593	60	3124	0	1	450	451	483	2019	68	2570	6359
Apprch %	0	0	100		15.1	83	1.9		0	0.2	99.8		18.8	78.6	2.6		
Total %	0	0	3.4	3.4	7.4	40.8	0.9	49.1	0	0	7.1	7.1	7.6	31.8	1.1	40.4	
Passenger Vehicles	0	0	205	205	466	2475	58	2999	0	1	437	438	475	1886	67	2428	6070
% Passenger Vehicles	0	0	95.8	95.8	98.9	95.4	96.7	96	0	100	97.1	97.1	98.3	93.4	98.5	94.5	95.5
Large 2 Axle Vehicles	0	0	5	5	3	40	2	45	0	0	9	9	6	58	1	65	124
% Large 2 Axle Vehicles	0	0	2.3	2.3	0.6	1.5	3.3	1.4	0	0	2	2	1.2	2.9	1.5	2.5	1.9
3 Axle Vehicles	0	0	0	0	1	10	0	11	0	0	1	1	0	8	0	8	20
% 3 Axle Vehicles	0	0	0	0	0.2	0.4	0	0.4	0	0	0.2	0.2	0	0.4	0	0.3	0.3
4+ Axle Trucks	0	0	4	4	1	68	0	69	0	0	3	3	2	67	0	69	145
% 4+ Axle Trucks	0	0	1.9	1.9	0.2	2.6	0	2.2	0	0	0.7	0.7	0.4	3.3	0	2.7	2.3

	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	0	**14**	**14**	35	186	5	226	0	0	31	31	29	174	2	205	476
04:00 PM	0	0	10	10	32	205	1	238	0	0	28	28	**33**	**179**	**6**	**218**	**494**
04:15 PM	0	0	8	8	30	190	5	225	0	0	39	39	24	155	4	183	455
04:30 PM	0	0	8	8	**40**	**206**	**7**	**253**	0	0	**47**	**47**	30	149	4	183	491
Total Volume	0	0	40	40	137	787	18	942	0	0	145	145	116	657	16	789	1916
% App. Total	0	0	100		14.5	83.5	1.9		0	0	100		14.7	83.3	2		
PHF	.000	.000	.714	.714	.856	.955	.643	.931	.000	.000	.771	.771	.879	.918	.667	.905	.970

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				03:30 PM				04:00 PM				03:45 PM			
+0 mins.	0	0	14	14	**48**	**232**	4	**284**	0	0	28	28	29	174	2	205
+15 mins.	0	0	14	14	35	186	**5**	226	0	0	39	39	**33**	**179**	**6**	**218**
+30 mins.	0	0	14	14	32	205	1	238	0	0	**47**	**47**	24	155	4	183
+45 mins.	0	0	**21**	**21**	30	190	5	225	0	0	33	33	30	149	4	183
Total Volume	0	0	63	63	145	813	15	973	0	0	147	147	116	657	16	789
% App. Total	0	0	100		14.9	83.6	1.5		0	0	100		14.7	83.3	2	
PHF	.000	.000	.750	.750	.755	.876	.750	.857	.000	.000	.782	.782	.879	.918	.667	.905

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles

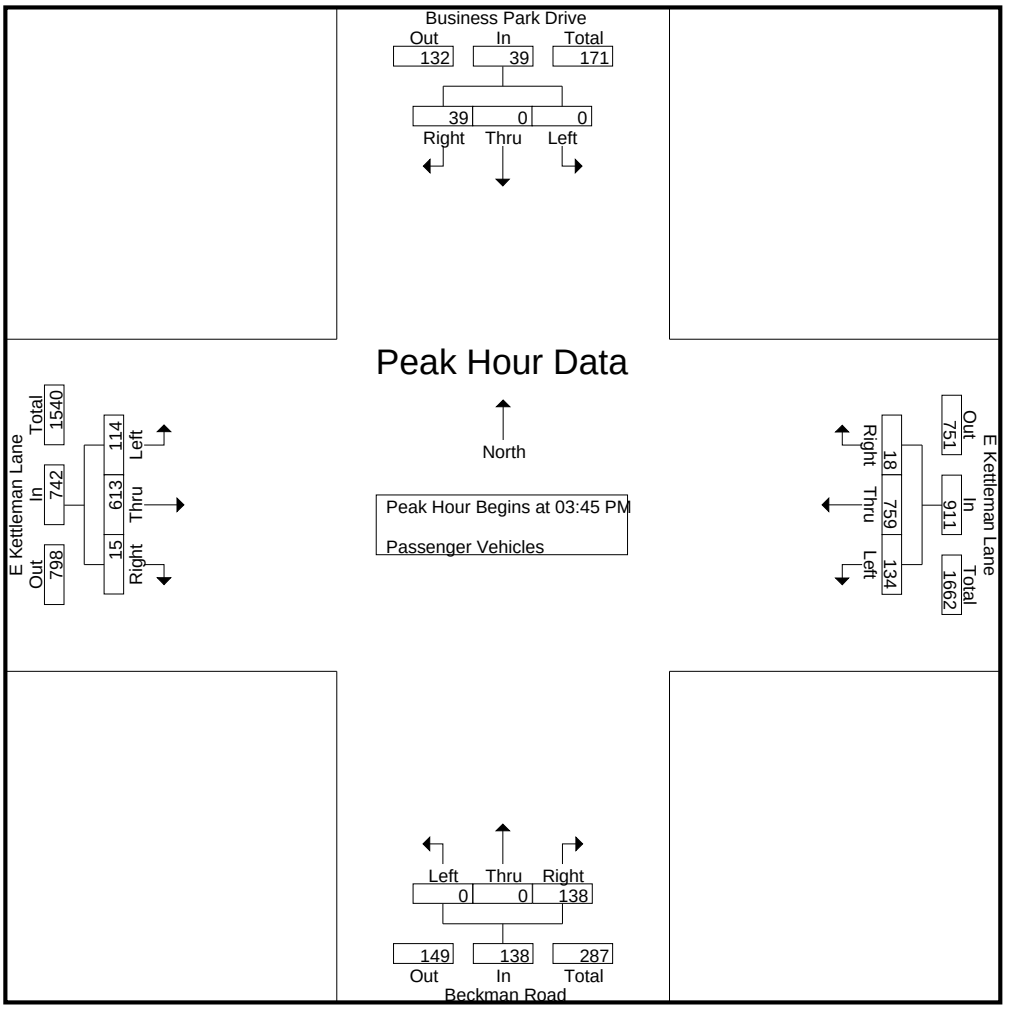
	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	17	17	25	125	2	152	0	0	23	23	26	97	4	127	319
02:15 PM	0	0	10	10	23	110	3	136	0	1	26	27	33	95	6	134	307
02:30 PM	0	0	13	13	30	166	2	198	0	0	38	38	41	131	7	179	428
02:45 PM	0	0	16	16	39	160	6	205	0	0	38	38	27	128	5	160	419
Total	0	0	56	56	117	561	13	691	0	1	125	126	127	451	22	600	1473
03:00 PM	0	0	15	15	39	141	3	183	0	0	23	23	42	115	3	160	381
03:15 PM	0	0	9	9	30	146	1	177	0	0	26	26	25	99	3	127	339
03:30 PM	0	0	15	15	48	222	4	274	0	0	31	31	29	117	3	149	469
03:45 PM	0	0	14	14	33	183	5	221	0	0	31	31	29	166	2	197	463
Total	0	0	53	53	150	692	13	855	0	0	111	111	125	497	11	633	1652
04:00 PM	0	0	9	9	31	199	1	231	0	0	26	26	32	168	6	206	472
04:15 PM	0	0	8	8	30	181	5	216	0	0	36	36	24	144	4	172	432
04:30 PM	0	0	8	8	40	196	7	243	0	0	45	45	29	135	3	167	463
04:45 PM	0	0	14	14	24	164	4	192	0	0	32	32	23	132	2	157	395
Total	0	0	39	39	125	740	17	882	0	0	139	139	108	579	15	702	1762
05:00 PM	0	0	12	12	21	137	7	165	0	0	18	18	20	105	5	130	325
05:15 PM	0	0	14	14	16	94	4	114	0	0	15	15	36	81	2	119	262
05:30 PM	0	0	19	19	24	137	2	163	0	0	12	12	28	84	3	115	309
05:45 PM	0	0	12	12	13	114	2	129	0	0	17	17	31	89	9	129	287
Total	0	0	57	57	74	482	15	571	0	0	62	62	115	359	19	493	1183
Grand Total	0	0	205	205	466	2475	58	2999	0	1	437	438	475	1886	67	2428	6070
Apprch %	0	0	100		15.5	82.5	1.9		0	0.2	99.8		19.6	77.7	2.8		
Total %	0	0	3.4	3.4	7.7	40.8	1	49.4	0	0	7.2	7.2	7.8	31.1	1.1	40	

	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	0	**14**	**14**	33	183	5	221	0	0	31	31	29	166	2	197	463
04:00 PM	0	0	9	9	31	**199**	1	231	0	0	26	26	**32**	**168**	**6**	**206**	**472**
04:15 PM	0	0	8	8	30	181	5	216	0	0	36	36	24	144	4	172	432
04:30 PM	0	0	8	8	**40**	196	**7**	**243**	0	0	**45**	**45**	29	135	3	167	463
Total Volume	0	0	39	39	134	759	18	911	0	0	138	138	114	613	15	742	1830
% App. Total	0	0	100		14.7	83.3	2		0	0	100		15.4	82.6	2		
PHF	.000	.000	.696	.696	.838	.954	.643	.937	.000	.000	.767	.767	.891	.912	.625	.900	.969

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	0	0	**14**	**14**	33	183	5	221	0	0	31	31	29	166	2	197
+15 mins.	0	0	9	9	31	**199**	1	231	0	0	26	26	**32**	**168**	**6**	**206**
+30 mins.	0	0	8	8	30	181	5	216	0	0	36	36	24	144	4	172
+45 mins.	0	0	8	8	**40**	196	**7**	**243**	0	0	**45**	**45**	29	135	3	167
Total Volume	0	0	39	39	134	759	18	911	0	0	138	138	114	613	15	742
% App. Total	0	0	100		14.7	83.3	2		0	0	100		15.4	82.6	2	
PHF	.000	.000	.696	.696	.838	.954	.643	.937	.000	.000	.767	.767	.891	.912	.625	.900

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

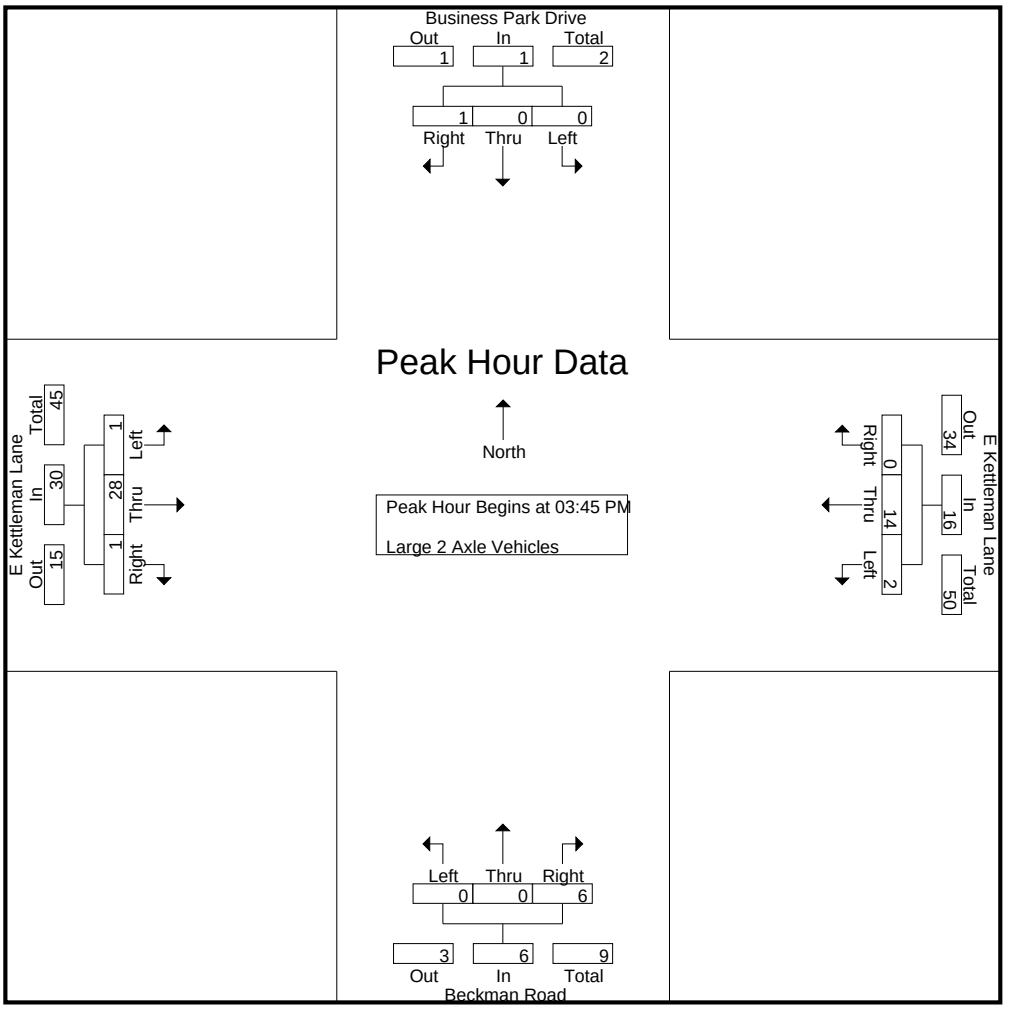
	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	7	0	7	0	0	0	0	2	2	0	4	11
02:15 PM	0	0	1	1	0	3	0	3	0	0	0	0	0	0	0	0	4
02:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
02:45 PM	0	0	0	0	1	2	0	3	0	0	0	0	0	3	0	3	6
Total	0	0	1	1	1	13	0	14	0	0	0	0	2	7	0	9	24
03:00 PM	0	0	0	0	0	1	0	1	0	0	1	1	0	2	0	2	4
03:15 PM	0	0	0	0	0	3	1	4	0	0	1	1	0	4	0	4	9
03:30 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	4
03:45 PM	0	0	0	0	2	2	0	4	0	0	0	0	0	4	0	4	8
Total	0	0	0	0	2	8	1	11	0	0	2	2	0	12	0	12	25
04:00 PM	0	0	1	1	0	4	0	4	0	0	2	2	1	5	0	6	13
04:15 PM	0	0	0	0	0	4	0	4	0	0	2	2	0	6	0	6	12
04:30 PM	0	0	0	0	0	4	0	4	0	0	2	2	0	13	1	14	20
04:45 PM	0	0	0	0	0	1	0	1	0	0	1	1	0	6	0	6	8
Total	0	0	1	1	0	13	0	13	0	0	7	7	1	30	1	32	53
05:00 PM	0	0	2	2	0	1	0	1	0	0	0	0	1	3	0	4	7
05:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	1	5	0	6	8
05:30 PM	0	0	1	1	0	1	1	2	0	0	0	0	1	0	0	1	4
05:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
Total	0	0	3	3	0	6	1	7	0	0	0	0	3	9	0	12	22
Grand Total	0	0	5	5	3	40	2	45	0	0	9	9	6	58	1	65	124
Apprch %	0	0	100		6.7	88.9	4.4		0	0	100		9.2	89.2	1.5		
Total %	0	0	4	4	2.4	32.3	1.6	36.3	0	0	7.3	7.3	4.8	46.8	0.8	52.4	

	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	0	0	0	**2**	2	0	**4**	0	0	0	0	0	4	0	4	8
04:00 PM	0	0	**1**	**1**	0	**4**	0	4	0	0	**2**	**2**	**1**	5	0	6	13
04:15 PM	0	0	0	0	0	4	0	4	0	0	2	2	0	6	0	6	12
04:30 PM	0	0	0	0	0	4	0	4	0	0	2	2	0	**13**	**1**	**14**	**20**
Total Volume	0	0	1	1	2	14	0	16	0	0	6	6	1	28	1	30	53
% App. Total	0	0	100		12.5	87.5	0		0	0	100		3.3	93.3	3.3		
PHF	.000	.000	.250	.250	.250	.875	.000	1.00	.000	.000	.750	.750	.250	.538	.250	.536	.663

Counts Unlimited, Inc.
PO Box 1178
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(951) 268-6268

City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	0	0	0	0	**2**	2	0	**4**	0	0	0	0	0	4	0	4
+15 mins.	0	0	**1**	**1**	0	**4**	0	4	0	0	**2**	**2**	**1**	5	0	6
+30 mins.	0	0	0	0	0	4	0	4	0	0	2	2	0	6	0	6
+45 mins.	0	0	0	0	0	4	0	4	0	0	2	2	0	**13**	**1**	**14**
Total Volume	0	0	1	1	2	14	0	16	0	0	6	6	1	28	1	30
% App. Total	0	0	100		12.5	87.5	0		0	0	100		3.3	93.3	3.3	
PHF	.000	.000	.250	.250	.250	.875	.000	1.000	.000	.000	.750	.750	.250	.538	.250	.536

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

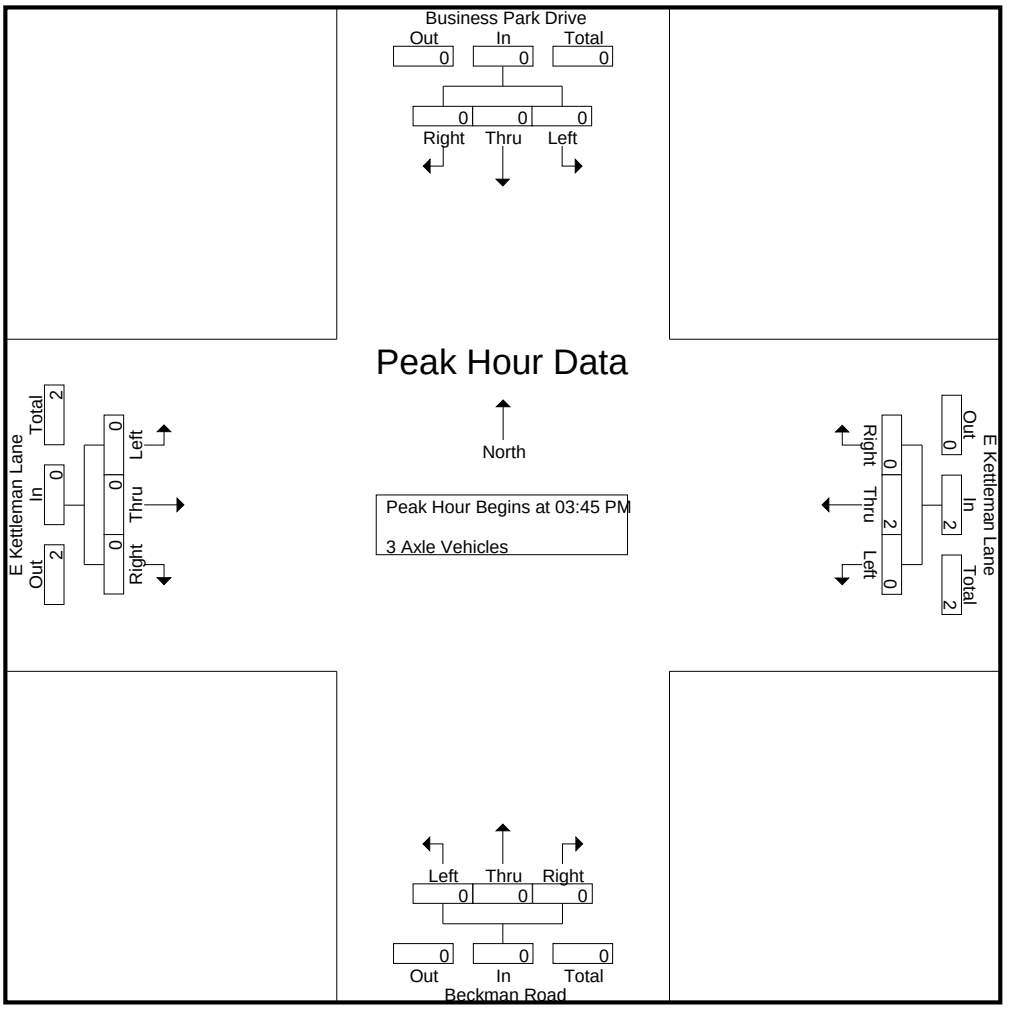
	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	1	1	0	2	0	0	0	0	0	1	0	1	3
02:15 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
02:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
02:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	4	0	4	6
Total	0	0	0	0	1	4	0	5	0	0	1	1	0	5	0	5	11
03:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
03:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	4	0	4	0	0	0	0	0	2	0	2	6
04:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Grand Total	0	0	0	0	1	10	0	11	0	0	1	1	0	8	0	8	20
Apprch %	0	0	0		9.1	90.9	0		0	0	100		0	100	0		
Total %	0	0	0	0	5	50	0	55	0	0	5	5	0	40	0	40	

	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	**1**	0	**1**	0	0	0	0	0	0	0	0	**1**
04:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
% App. Total	0	0	0		0	100	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000	.500

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	**1**	0	**1**	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	100	0		0	0	0		0	0	0	
PHF	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

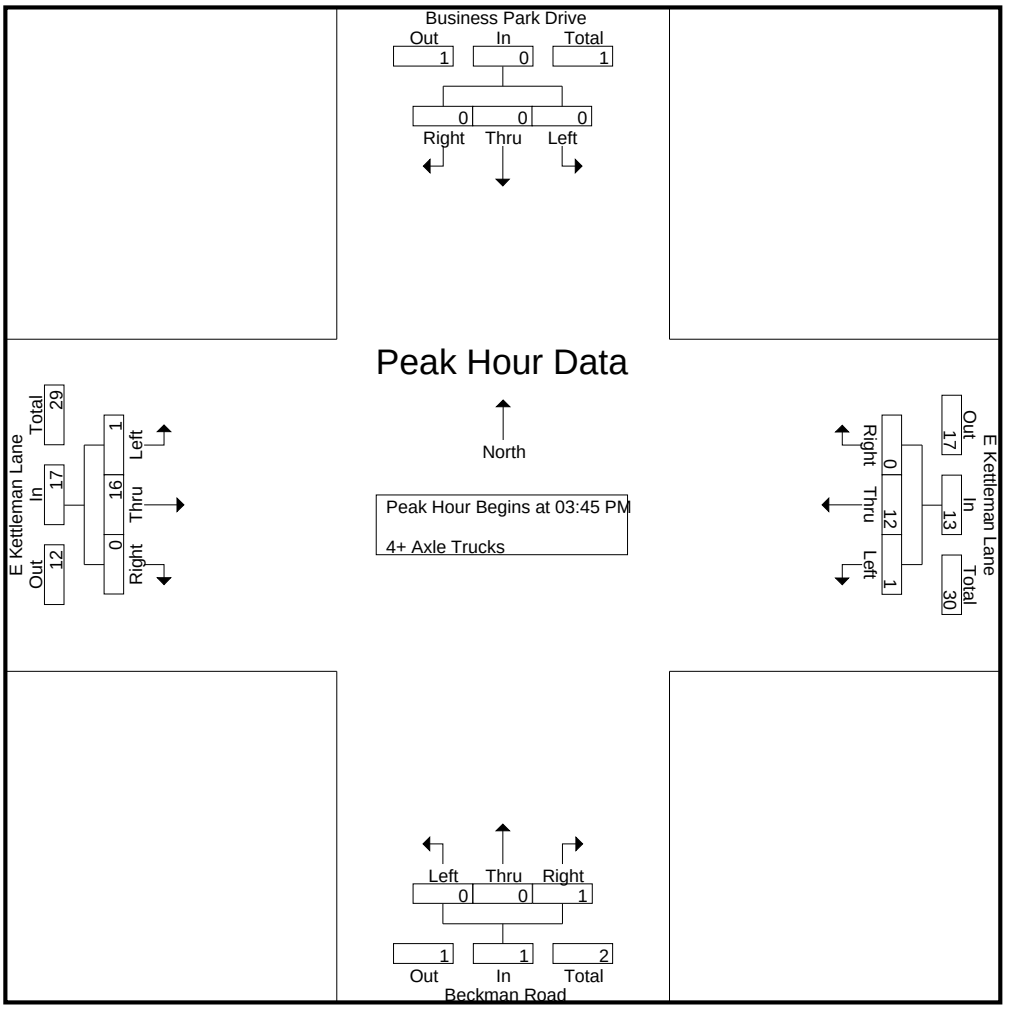
	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	1	1	0	4	0	4	0	0	0	0	0	6	0	6	11
02:15 PM	0	0	0	0	0	5	0	5	0	0	0	0	0	9	0	9	14
02:30 PM	0	0	0	0	0	4	0	4	0	0	1	1	0	5	0	5	10
02:45 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
Total	0	0	1	1	0	16	0	16	0	0	1	1	0	20	0	20	38
03:00 PM	0	0	0	0	0	8	0	8	0	0	1	1	1	7	0	8	17
03:15 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	3	0	3	5
03:30 PM	0	0	0	0	0	7	0	7	0	0	0	0	0	4	0	4	11
03:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	4	0	4	5
Total	0	0	1	1	0	17	0	17	0	0	1	1	1	18	0	19	38
04:00 PM	0	0	0	0	1	1	0	2	0	0	0	0	0	6	0	6	8
04:15 PM	0	0	0	0	0	4	0	4	0	0	1	1	0	5	0	5	10
04:30 PM	0	0	0	0	0	6	0	6	0	0	0	0	1	1	0	2	8
04:45 PM	0	0	0	0	0	7	0	7	0	0	0	0	0	3	0	3	10
Total	0	0	0	0	1	18	0	19	0	0	1	1	1	15	0	16	36
05:00 PM	0	0	0	0	0	5	0	5	0	0	0	0	0	1	0	1	6
05:15 PM	0	0	0	0	0	6	0	6	0	0	0	0	0	5	0	5	11
05:30 PM	0	0	1	1	0	3	0	3	0	0	0	0	0	4	0	4	8
05:45 PM	0	0	1	1	0	3	0	3	0	0	0	0	0	4	0	4	8
Total	0	0	2	2	0	17	0	17	0	0	0	0	0	14	0	14	33
Grand Total	0	0	4	4	1	68	0	69	0	0	3	3	2	67	0	69	145
Apprch %	0	0	100		1.4	98.6	0		0	0	100		2.9	97.1	0		
Total %	0	0	2.8	2.8	0.7	46.9	0	47.6	0	0	2.1	2.1	1.4	46.2	0	47.6	

	Business Park Drive Southbound				E Kettleman Lane Westbound				Beckman Road Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	4	0	4	5
04:00 PM	0	0	0	0	**1**	1	0	2	0	0	0	0	0	**6**	0	**6**	8
04:15 PM	0	0	0	0	0	4	0	4	0	0	**1**	**1**	0	5	0	5	**10**
04:30 PM	0	0	0	0	0	**6**	0	**6**	0	0	0	0	**1**	1	0	2	8
Total Volume	0	0	0	0	1	12	0	13	0	0	1	1	1	16	0	17	31
% App. Total	0	0	0		7.7	92.3	0		0	0	100		5.9	94.1	0		
PHF	.000	.000	.000	.000	.250	.500	.000	.542	.000	.000	.250	.250	.250	.667	.000	.708	.775

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City of Lodi
N/S: Beckman Rd (West)/Business Park D
E/W: E Kettleman Lane
Weather: Clear

File Name : 04_LDI_Beck W_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:45 PM to 04:30 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:45 PM				03:45 PM				03:45 PM				03:45 PM			
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	4	0	4
+15 mins.	0	0	0	0	**1**	1	0	2	0	0	0	0	0	**6**	0	**6**
+30 mins.	0	0	0	0	0	4	0	4	0	0	**1**	**1**	0	5	0	5
+45 mins.	0	0	0	0	0	**6**	0	**6**	0	0	0	0	**1**	1	0	2
Total Volume	0	0	0	0	1	12	0	13	0	0	1	1	1	16	0	17
% App. Total	0	0	0		7.7	92.3	0		0	0	100		5.9	94.1	0	
PHF	.000	.000	.000	.000	.250	.500	.000	.542	.000	.000	.250	.250	.250	.667	.000	.708

Location: Lodi
N/S: Beckman Road (West)
E/W: E Kettleman Lane

Date: 5/9/2024
Day: Wednesday

PEDESTRIANS

	North Leg Business Park Drive	East Leg E Kettleman Lane	South Leg Beckman Road (West)	West Leg E Kettleman Lane	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	1	0	0	0	1
2:15 PM	0	0	0	0	0
2:30 PM	2	0	0	0	2
2:45 PM	1	0	0	0	1
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	1	0	0	0	1
3:45 PM	1	0	0	0	1
4:00 PM	0	0	0	0	0
4:15 PM	1	0	0	0	1
4:30 PM	1	0	0	0	1
4:45 PM	1	0	0	0	1
5:00 PM	1	0	0	0	1
5:15 PM	0	1	1	0	2
5:30 PM	1	1	0	0	2
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	11	2	1	0	14

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Location: Lodi
N/S: Beckman Road (West)
E/W: E Kettleman Lane

Date: 4/13/2022
Day: Wednesday

BICYCLES

	Southbound Business Park Drive			Westbound E Kettleman Lane			Northbound Beckman Road (West)			Eastbound E Kettleman Lane			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	2
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	2	0	1	0	0	0	0	1	0	0	5

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

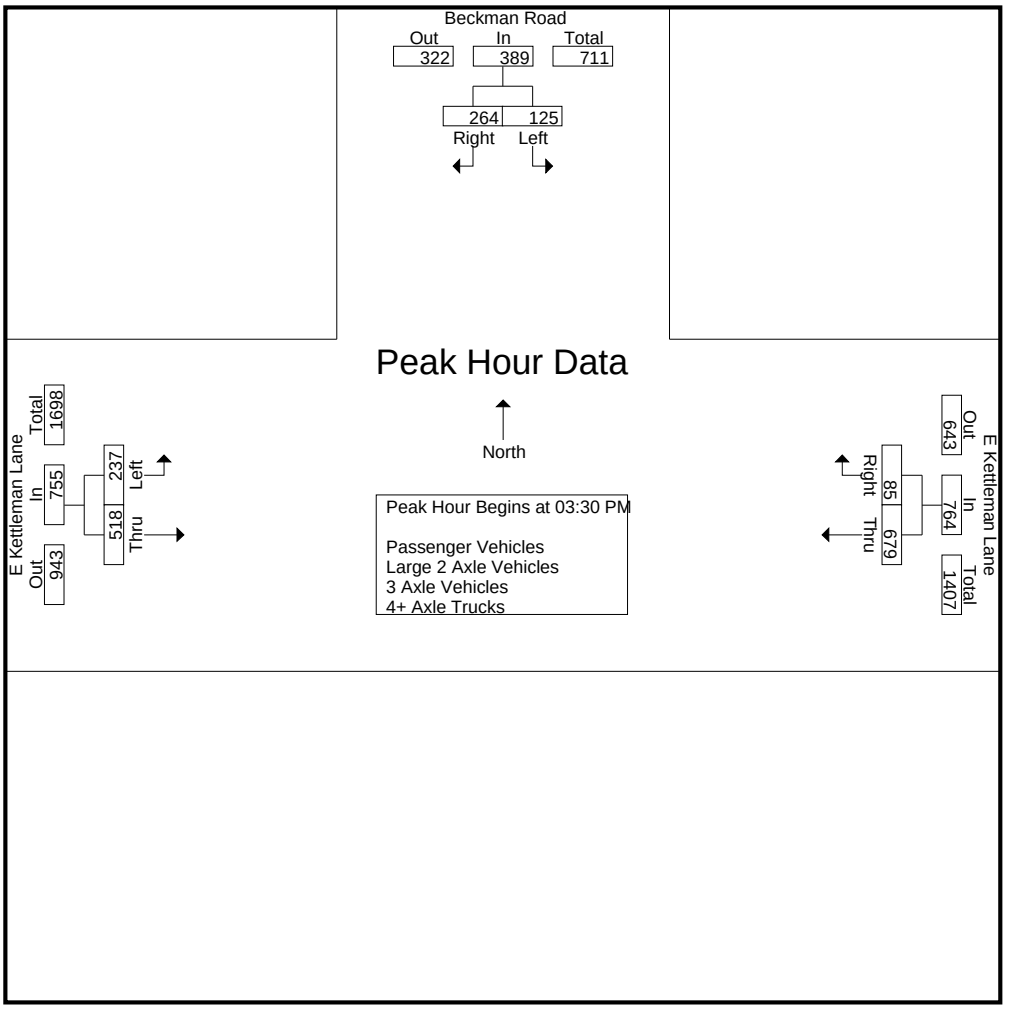
	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
02:00 PM	10	77	87	86	7	93	41	82	123	303
02:15 PM	11	52	63	85	13	98	43	88	131	292
02:30 PM	19	82	101	106	12	118	68	98	166	385
02:45 PM	15	75	90	110	17	127	66	121	187	404
Total	55	286	341	387	49	436	218	389	607	1384
03:00 PM	23	59	82	125	14	139	43	99	142	363
03:15 PM	22	57	79	118	14	132	49	98	147	358
03:30 PM	32	83	115	199	22	221	52	99	151	487
03:45 PM	31	49	80	161	15	176	75	128	203	459
Total	108	248	356	603	65	668	219	424	643	1667
04:00 PM	33	85	118	144	25	169	55	160	215	502
04:15 PM	29	47	76	175	23	198	55	131	186	460
04:30 PM	26	84	110	141	17	158	65	136	201	469
04:45 PM	21	65	86	116	13	129	50	118	168	383
Total	109	281	390	576	78	654	225	545	770	1814
05:00 PM	27	62	89	92	15	107	29	102	131	327
05:15 PM	22	53	75	68	9	77	22	84	106	258
05:30 PM	30	85	115	74	10	84	27	63	90	289
05:45 PM	17	48	65	77	10	87	21	86	107	259
Total	96	248	344	311	44	355	99	335	434	1133
Grand Total	368	1063	1431	1877	236	2113	761	1693	2454	5998
Apprch %	25.7	74.3		88.8	11.2		31	69		
Total %	6.1	17.7	23.9	31.3	3.9	35.2	12.7	28.2	40.9	
Passenger Vehicles	357	1027	1384	1803	227	2030	705	1620	2325	5739
% Passenger Vehicles	97	96.6	96.7	96.1	96.2	96.1	92.6	95.7	94.7	95.7
Large 2 Axle Vehicles	4	11	15	26	7	33	36	21	57	105
% Large 2 Axle Vehicles	1.1	1	1	1.4	3	1.6	4.7	1.2	2.3	1.8
3 Axle Vehicles	1	7	8	5	0	5	4	4	8	21
% 3 Axle Vehicles	0.3	0.7	0.6	0.3	0	0.2	0.5	0.2	0.3	0.4
4+ Axle Trucks	6	18	24	43	2	45	16	48	64	133
% 4+ Axle Trucks	1.6	1.7	1.7	2.3	0.8	2.1	2.1	2.8	2.6	2.2

	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 03:30 PM										
03:30 PM	32	83	115	**199**	22	**221**	52	99	151	487
03:45 PM	31	49	80	161	15	176	**75**	128	203	459
04:00 PM	**33**	**85**	**118**	144	**25**	169	55	**160**	**215**	**502**
04:15 PM	29	47	76	175	23	198	55	131	186	460
Total Volume	125	264	389	679	85	764	237	518	755	1908
% App. Total	32.1	67.9		88.9	11.1		31.4	68.6		
PHF	.947	.776	.824	.853	.850	.864	.790	.809	.878	.950

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:15 PM			03:30 PM			03:45 PM		
+0 mins.	22	57	79	**199**	22	**221**	**75**	128	203
+15 mins.	32	83	115	161	15	176	55	**160**	**215**
+30 mins.	31	49	80	144	**25**	169	55	131	186
+45 mins.	**33**	**85**	**118**	175	23	198	65	136	201
Total Volume	118	274	392	679	85	764	250	555	805
% App. Total	30.1	69.9		88.9	11.1		31.1	68.9	
PHF	.894	.806	.831	.853	.850	.864	.833	.867	.936

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles

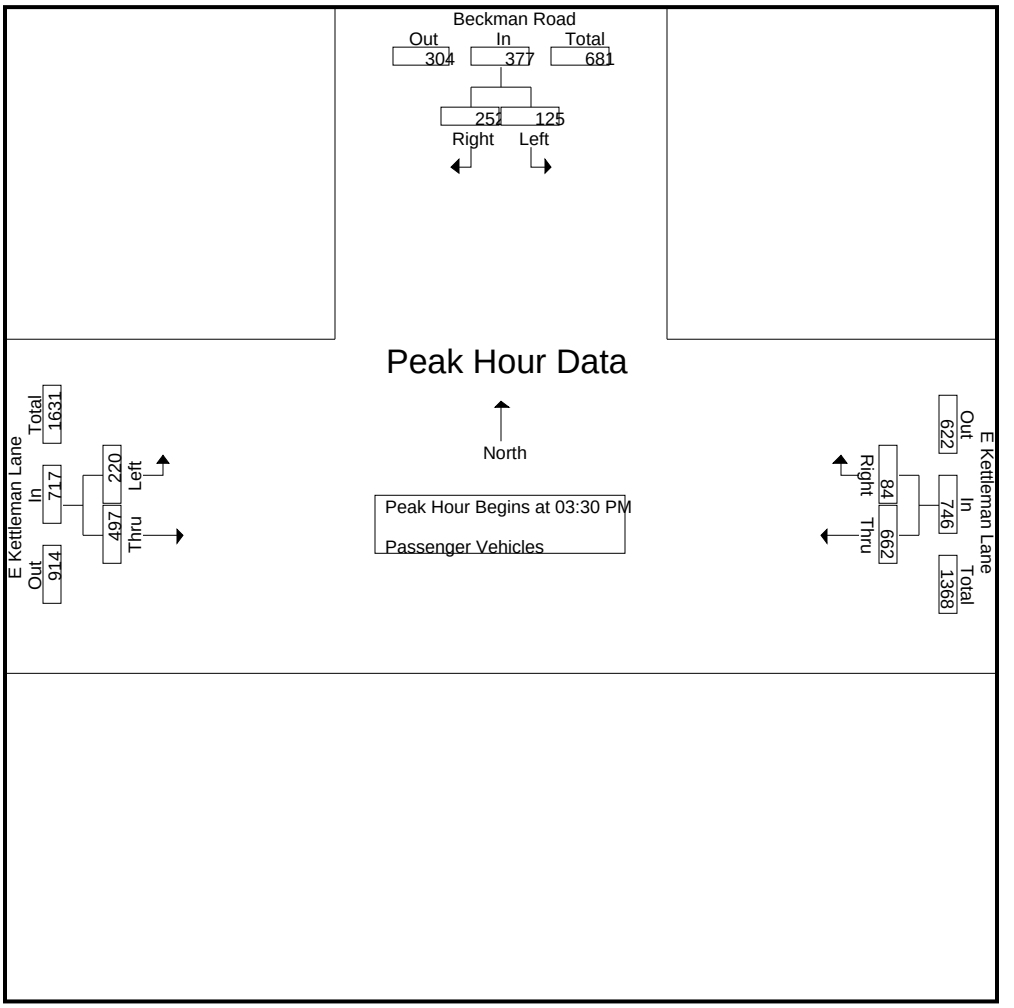
	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
02:00 PM	10	72	82	78	6	84	36	78	114	280
02:15 PM	11	51	62	79	13	92	39	82	121	275
02:30 PM	19	81	100	101	12	113	65	95	160	373
02:45 PM	15	71	86	106	16	122	63	116	179	387
Total	55	275	330	364	47	411	203	371	574	1315
03:00 PM	23	55	78	119	14	133	39	92	131	342
03:15 PM	21	56	77	116	14	130	45	95	140	347
03:30 PM	32	78	110	195	21	216	50	93	143	469
03:45 PM	31	47	78	158	15	173	72	124	196	447
Total	107	236	343	588	64	652	206	404	610	1605
04:00 PM	33	83	116	140	25	165	50	154	204	485
04:15 PM	29	44	73	169	23	192	48	126	174	439
04:30 PM	26	83	109	135	14	149	54	131	185	443
04:45 PM	21	63	84	111	12	123	46	112	158	365
Total	109	273	382	555	74	629	198	523	721	1732
05:00 PM	25	62	87	87	15	102	28	99	127	316
05:15 PM	19	52	71	63	8	71	22	78	100	242
05:30 PM	27	82	109	73	9	82	27	62	89	280
05:45 PM	15	47	62	73	10	83	21	83	104	249
Total	86	243	329	296	42	338	98	322	420	1087
Grand Total	357	1027	1384	1803	227	2030	705	1620	2325	5739
Apprch %	25.8	74.2		88.8	11.2		30.3	69.7		
Total %	6.2	17.9	24.1	31.4	4	35.4	12.3	28.2	40.5	

	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 03:30 PM										
03:30 PM	32	78	110	**195**	21	**216**	50	93	143	469
03:45 PM	31	47	78	158	15	173	**72**	124	196	447
04:00 PM	**33**	**83**	**116**	140	**25**	165	50	**154**	**204**	**485**
04:15 PM	29	44	73	169	23	192	48	126	174	439
Total Volume	125	252	377	662	84	746	220	497	717	1840
% App. Total	33.2	66.8		88.7	11.3		30.7	69.3		
PHF	.947	.759	.813	.849	.840	.863	.764	.807	.879	.948

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM			03:30 PM			03:30 PM		
+0 mins.	32	78	110	**195**	21	**216**	50	93	143
+15 mins.	31	47	78	158	15	173	**72**	124	196
+30 mins.	**33**	**83**	**116**	140	**25**	165	50	**154**	**204**
+45 mins.	29	44	73	169	23	192	48	126	174
Total Volume	125	252	377	662	84	746	220	497	717
% App. Total	33.2	66.8		88.7	11.3		30.7	69.3	
PHF	.947	.759	.813	.849	.840	.863	.764	.807	.879

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

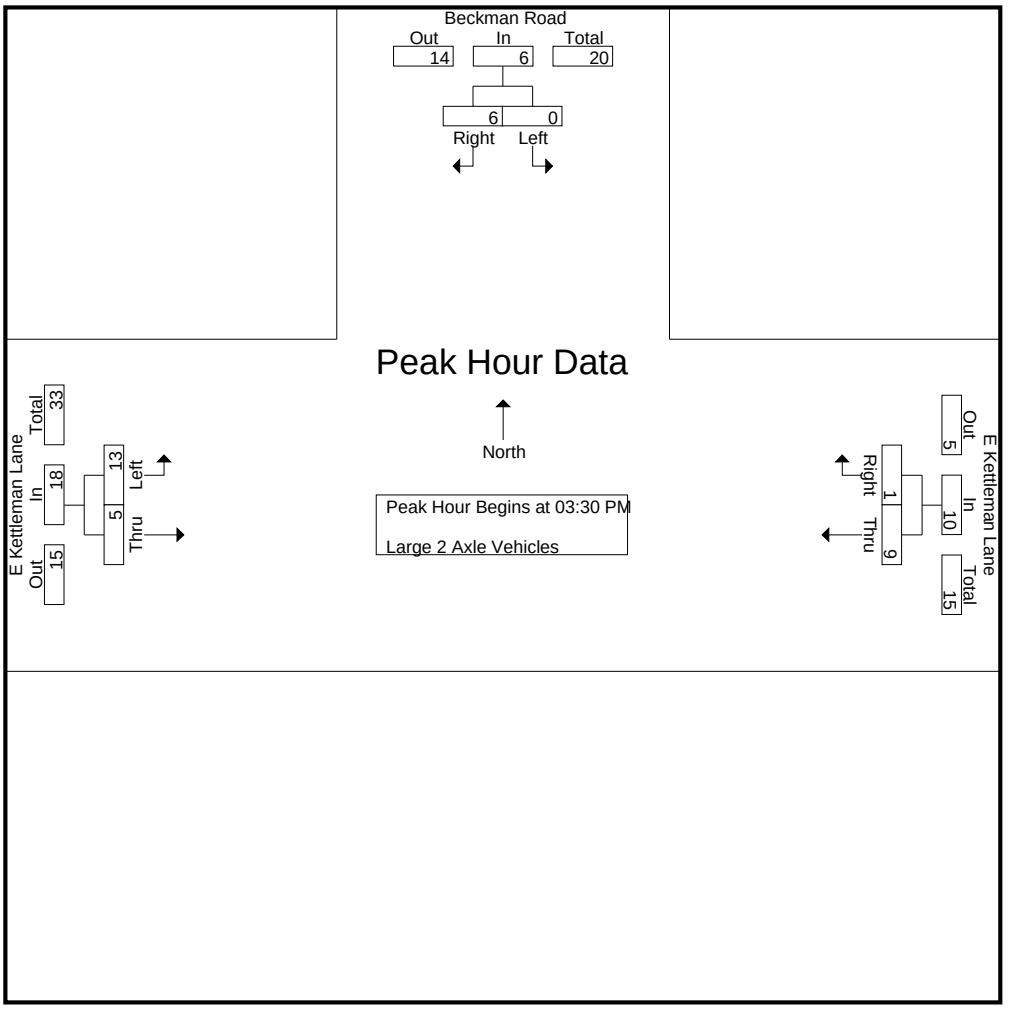
	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
02:00 PM	0	1	1	6	1	7	2	0	2	10
02:15 PM	0	0	0	2	0	2	0	0	0	2
02:30 PM	0	1	1	0	0	0	0	1	1	2
02:45 PM	0	1	1	2	1	3	1	1	2	6
Total	0	3	3	10	2	12	3	2	5	20
03:00 PM	0	0	0	1	0	1	2	2	4	5
03:15 PM	0	1	1	1	0	1	2	1	3	5
03:30 PM	0	2	2	0	1	1	1	1	2	5
03:45 PM	0	2	2	3	0	3	3	0	3	8
Total	0	5	5	5	1	6	8	4	12	23
04:00 PM	0	0	0	3	0	3	4	2	6	9
04:15 PM	0	2	2	3	0	3	5	2	7	12
04:30 PM	0	0	0	2	3	5	11	4	15	20
04:45 PM	0	0	0	0	0	0	4	3	7	7
Total	0	2	2	8	3	11	24	11	35	48
05:00 PM	1	0	1	0	0	0	1	2	3	4
05:15 PM	2	0	2	1	0	1	0	2	2	5
05:30 PM	0	0	0	1	1	2	0	0	0	2
05:45 PM	1	1	2	1	0	1	0	0	0	3
Total	4	1	5	3	1	4	1	4	5	14
Grand Total	4	11	15	26	7	33	36	21	57	105
Apprch %	26.7	73.3		78.8	21.2		63.2	36.8		
Total %	3.8	10.5	14.3	24.8	6.7	31.4	34.3	20	54.3	

	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 03:30 PM										
03:30 PM	0	**2**	**2**	0	**1**	1	1	1	2	5
03:45 PM	0	2	2	**3**	0	**3**	3	0	3	8
04:00 PM	0	0	0	3	0	3	4	**2**	6	9
04:15 PM	0	2	2	3	0	3	**5**	2	**7**	**12**
Total Volume	0	6	6	9	1	10	13	5	18	34
% App. Total	0	100		90	10		72.2	27.8		
PHF	.000	.750	.750	.750	.250	.833	.650	.625	.643	.708

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM			03:30 PM			03:30 PM		
+0 mins.	0	**2**	**2**	0	**1**	1	1	1	2
+15 mins.	0	2	2	**3**	0	**3**	3	0	3
+30 mins.	0	0	0	3	0	3	4	**2**	6
+45 mins.	0	2	2	3	0	3	**5**	2	**7**
Total Volume	0	6	6	9	1	10	13	5	18
% App. Total	0	100		90	10		72.2	27.8	
PHF	.000	.750	.750	.750	.250	.833	.650	.625	.643

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

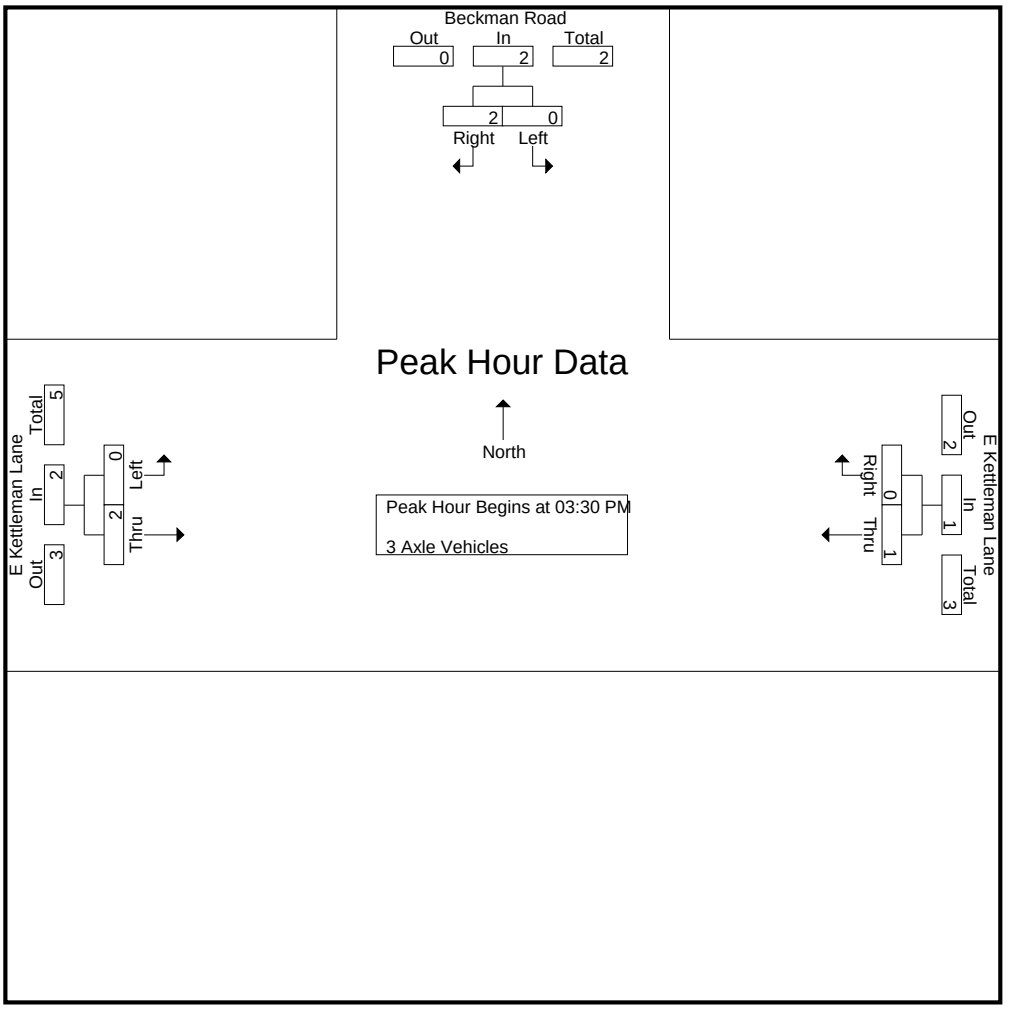
	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
02:00 PM	0	1	1	1	0	1	0	1	1	3
02:15 PM	0	0	0	0	0	0	2	0	2	2
02:30 PM	0	0	0	1	0	1	0	0	0	1
02:45 PM	0	2	2	0	0	0	2	0	2	4
Total	0	3	3	2	0	2	4	1	5	10
03:00 PM	0	1	1	1	0	1	0	0	0	2
03:15 PM	1	0	1	0	0	0	0	0	0	1
03:30 PM	0	1	1	0	0	0	0	2	2	3
03:45 PM	0	0	0	0	0	0	0	0	0	0
Total	1	2	3	1	0	1	0	2	2	6
04:00 PM	0	1	1	0	0	0	0	0	0	1
04:15 PM	0	0	0	1	0	1	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	1	0	1	0	0	0	2
05:00 PM	0	0	0	1	0	1	0	1	1	2
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	1	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	1	0	1	0	1	1	3
Grand Total	1	7	8	5	0	5	4	4	8	21
Apprch %	12.5	87.5		100	0		50	50		
Total %	4.8	33.3	38.1	23.8	0	23.8	19	19	38.1	

	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 03:30 PM										
03:30 PM	0	**1**	**1**	0	0	0	0	**2**	**2**	**3**
03:45 PM	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	1	1	0	0	0	0	0	0	1
04:15 PM	0	0	0	**1**	0	**1**	0	0	0	1
Total Volume	0	2	2	1	0	1	0	2	2	5
% App. Total	0	100		100	0		0	100		
PHF	.000	.500	.500	.250	.000	.250	.000	.250	.250	.417

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM			03:30 PM			03:30 PM		
+0 mins.	0	**1**	**1**	0	0	0	0	**2**	**2**
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	1	1	0	0	0	0	0	0
+45 mins.	0	0	0	**1**	0	**1**	0	0	0
Total Volume	0	2	2	1	0	1	0	2	2
% App. Total	0	100		100	0		0	100	
PHF	.000	.500	.500	.250	.000	.250	.000	.250	.250

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
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Groups Printed- 4+ Axle Trucks

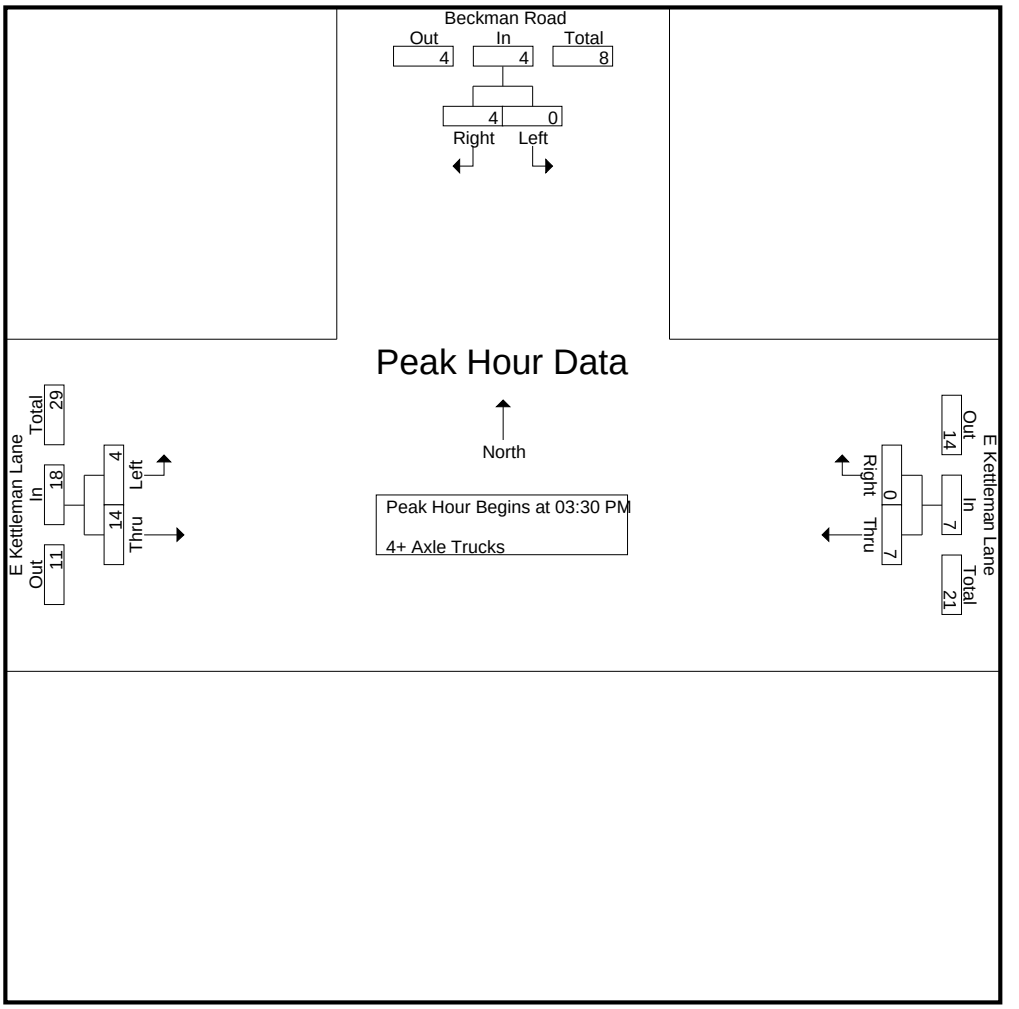
	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
02:00 PM	0	3	3	1	0	1	3	3	6	10
02:15 PM	0	1	1	4	0	4	2	6	8	13
02:30 PM	0	0	0	4	0	4	3	2	5	9
02:45 PM	0	1	1	2	0	2	0	4	4	7
Total	0	5	5	11	0	11	8	15	23	39
03:00 PM	0	3	3	4	0	4	2	5	7	14
03:15 PM	0	0	0	1	0	1	2	2	4	5
03:30 PM	0	2	2	4	0	4	1	3	4	10
03:45 PM	0	0	0	0	0	0	0	4	4	4
Total	0	5	5	9	0	9	5	14	19	33
04:00 PM	0	1	1	1	0	1	1	4	5	7
04:15 PM	0	1	1	2	0	2	2	3	5	8
04:30 PM	0	1	1	4	0	4	0	1	1	6
04:45 PM	0	2	2	5	1	6	0	3	3	11
Total	0	5	5	12	1	13	3	11	14	32
05:00 PM	1	0	1	4	0	4	0	0	0	5
05:15 PM	1	1	2	4	1	5	0	4	4	11
05:30 PM	3	2	5	0	0	0	0	1	1	6
05:45 PM	1	0	1	3	0	3	0	3	3	7
Total	6	3	9	11	1	12	0	8	8	29
Grand Total	6	18	24	43	2	45	16	48	64	133
Apprch %	25	75		95.6	4.4		25	75		
Total %	4.5	13.5	18	32.3	1.5	33.8	12	36.1	48.1	

	Beckman Road Southbound			E Kettleman Lane Westbound			E Kettleman Lane Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 03:30 PM										
03:30 PM	0	**2**	**2**	**4**	0	**4**	1	3	4	**10**
03:45 PM	0	0	0	0	0	0	0	**4**	4	4
04:00 PM	0	1	1	1	0	1	1	4	**5**	7
04:15 PM	0	1	1	2	0	2	**2**	3	5	8
Total Volume	0	4	4	7	0	7	4	14	18	29
% App. Total	0	100		100	0		22.2	77.8		
PHF	.000	.500	.500	.438	.000	.438	.500	.875	.900	.725

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City of Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane
Weather: Clear

File Name : 05_LDI_Beck E_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM			03:30 PM			03:30 PM		
+0 mins.	0	**2**	**2**	**4**	0	**4**	1	3	4
+15 mins.	0	0	0	0	0	0	0	**4**	4
+30 mins.	0	1	1	1	0	1	1	4	**5**
+45 mins.	0	1	1	2	0	2	**2**	3	5
Total Volume	0	4	4	7	0	7	4	14	18
% App. Total	0	100		100	0		22.2	77.8	
PHF	.000	.500	.500	.438	.000	.438	.500	.875	.900

Location: Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane

Date: 5/9/2024
Day: Wednesday

PEDESTRIANS

	North Leg Beckman Road (East)	East Leg E Kettleman Lane	South Leg Dead End	West Leg E Kettleman Lane	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	0	0	0	0	0
2:15 PM	0	0	0	0	0
2:30 PM	2	0	0	0	2
2:45 PM	1	0	0	0	1
3:00 PM	1	0	0	0	1
3:15 PM	0	0	0	0	0
3:30 PM	1	0	0	0	1
3:45 PM	2	0	0	0	2
4:00 PM	1	0	0	0	1
4:15 PM	2	0	0	0	2
4:30 PM	2	0	0	0	2
4:45 PM	0	0	0	0	0
5:00 PM	1	0	0	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	13	0	0	0	13

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Location: Lodi
N/S: Beckman Road (East)
E/W: E Kettleman Lane

Date: 4/13/2022
Day: Wednesday

BICYCLES

	Southbound Beckman Road (East)			Westbound E Kettleman Lane			Northbound Dead End			Eastbound E Kettleman Lane			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	2	0	0	0	0	0	0	2

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

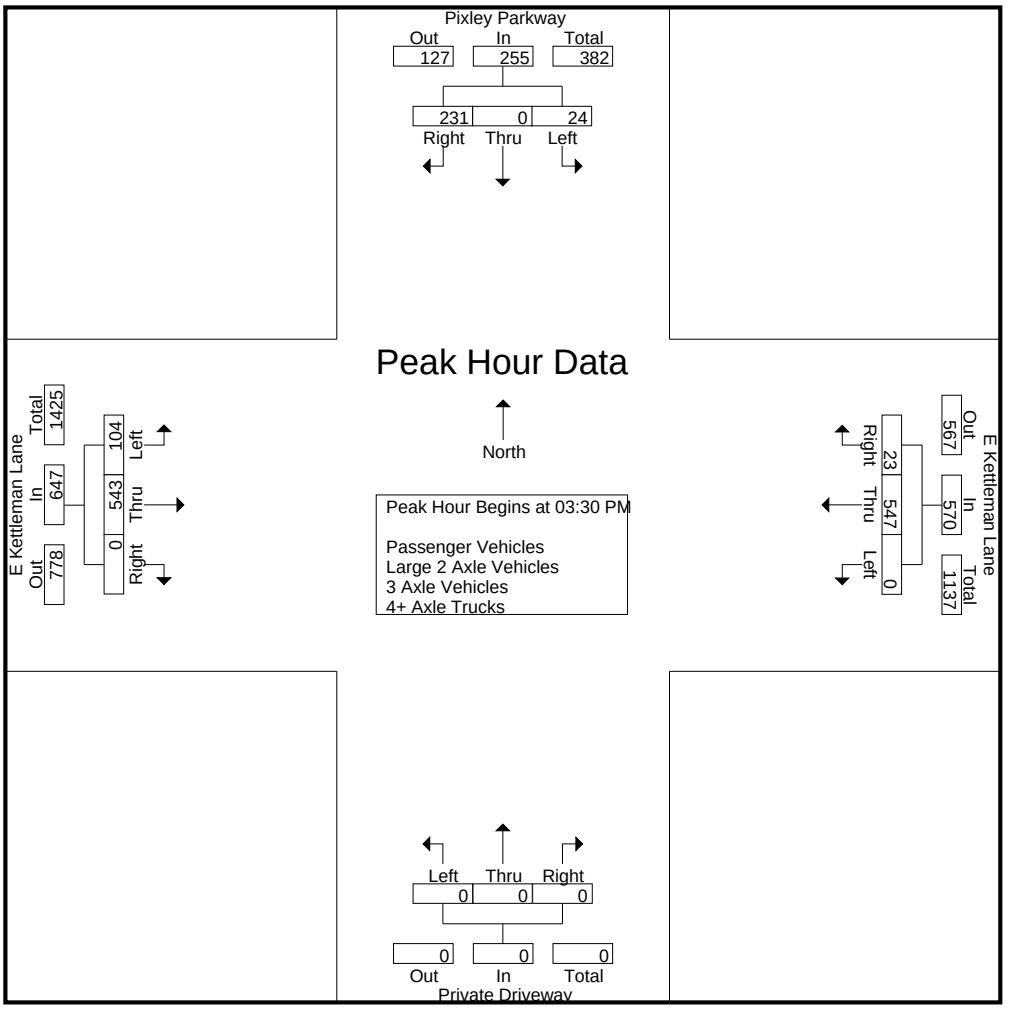
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	3	0	33	36	0	54	2	56	0	0	0	0	27	54	0	81	173
02:15 PM	4	0	24	28	0	77	6	83	0	0	0	0	32	75	0	107	218
02:30 PM	5	0	63	68	0	63	4	67	0	0	0	0	42	75	0	117	252
02:45 PM	2	0	40	42	0	85	1	86	0	0	0	0	53	84	0	137	265
Total	14	0	160	174	0	279	13	292	0	0	0	0	154	288	0	442	908
03:00 PM	4	0	57	61	0	85	8	93	0	0	0	0	34	84	0	118	272
03:15 PM	2	0	45	47	0	82	4	86	0	0	0	0	31	91	0	122	255
03:30 PM	7	0	111	118	0	108	6	114	0	0	0	0	27	107	0	134	366
03:45 PM	4	0	53	57	0	132	8	140	0	0	0	0	29	125	0	154	351
Total	17	0	266	283	0	407	26	433	0	0	0	0	121	407	0	528	1244
04:00 PM	6	0	39	45	0	131	4	135	0	0	0	0	32	147	0	179	359
04:15 PM	7	0	28	35	0	176	5	181	0	0	0	0	16	164	0	180	396
04:30 PM	6	0	55	61	0	105	3	108	0	0	0	0	9	152	0	161	330
04:45 PM	5	0	50	55	0	79	0	79	0	0	0	0	12	130	0	142	276
Total	24	0	172	196	0	491	12	503	0	0	0	0	69	593	0	662	1361
05:00 PM	3	0	34	37	0	76	5	81	0	0	0	0	7	113	0	120	238
05:15 PM	1	0	22	23	0	55	1	56	0	0	0	0	9	102	0	111	190
05:30 PM	3	0	25	28	0	60	3	63	0	0	0	0	8	73	0	81	172
05:45 PM	4	0	14	18	0	68	0	68	0	0	0	0	8	91	0	99	185
Total	11	0	95	106	0	259	9	268	0	0	0	0	32	379	0	411	785
Grand Total	66	0	693	759	0	1436	60	1496	0	0	0	0	376	1667	0	2043	4298
Apprch %	8.7	0	91.3		0	96	4		0	0	0		18.4	81.6	0		
Total %	1.5	0	16.1	17.7	0	33.4	1.4	34.8	0	0	0	0	8.7	38.8	0	47.5	
Passenger Vehicles	61	0	661	722	0	1391	58	1449	0	0	0	0	356	1605	0	1961	4132
% Passenger Vehicles	92.4	0	95.4	95.1	0	96.9	96.7	96.9	0	0	0	0	94.7	96.3	0	96	96.1
Large 2 Axle Vehicles	1	0	9	10	0	19	1	20	0	0	0	0	7	20	0	27	57
% Large 2 Axle Vehicles	1.5	0	1.3	1.3	0	1.3	1.7	1.3	0	0	0	0	1.9	1.2	0	1.3	1.3
3 Axle Vehicles	1	0	1	2	0	3	0	3	0	0	0	0	0	3	0	3	8
% 3 Axle Vehicles	1.5	0	0.1	0.3	0	0.2	0	0.2	0	0	0	0	0	0.2	0	0.1	0.2
4+ Axle Trucks	3	0	22	25	0	23	1	24	0	0	0	0	13	39	0	52	101
% 4+ Axle Trucks	4.5	0	3.2	3.3	0	1.6	1.7	1.6	0	0	0	0	3.5	2.3	0	2.5	2.3

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	**7**	0	**111**	**118**	0	108	6	114	0	0	0	0	27	107	0	134	366
03:45 PM	4	0	53	57	0	132	**8**	140	0	0	0	0	29	125	0	154	351
04:00 PM	6	0	39	45	0	131	4	135	0	0	0	0	**32**	147	0	179	359
04:15 PM	7	0	28	35	0	**176**	5	**181**	0	0	0	0	16	**164**	0	**180**	**396**
Total Volume	24	0	231	255	0	547	23	570	0	0	0	0	104	543	0	647	1472
% App. Total	9.4	0	90.6		0	96	4		0	0	0		16.1	83.9	0		
PHF	.857	.000	.520	.540	.000	.777	.719	.787	.000	.000	.000	.000	.813	.828	.000	.899	.929

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City of Lodi
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File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
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Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:00 PM				03:30 PM				02:00 PM				03:45 PM			
+0 mins.	4	0	57	61	0	108	6	114	0	0	0	0	29	125	0	154
+15 mins.	2	0	45	47	0	132	**8**	140	0	0	0	0	**32**	147	0	179
+30 mins.	**7**	0	**111**	**118**	0	131	4	135	0	0	0	0	16	**164**	0	**180**
+45 mins.	4	0	53	57	0	**176**	5	**181**	0	0	0	0	9	152	0	161
Total Volume	17	0	266	283	0	547	23	570	0	0	0	0	86	588	0	674
% App. Total	6	0	94		0	96	4		0	0	0		12.8	87.2	0	
PHF	.607	.000	.599	.600	.000	.777	.719	.787	.000	.000	.000	.000	.672	.896	.000	.936

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File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
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Groups Printed- Passenger Vehicles

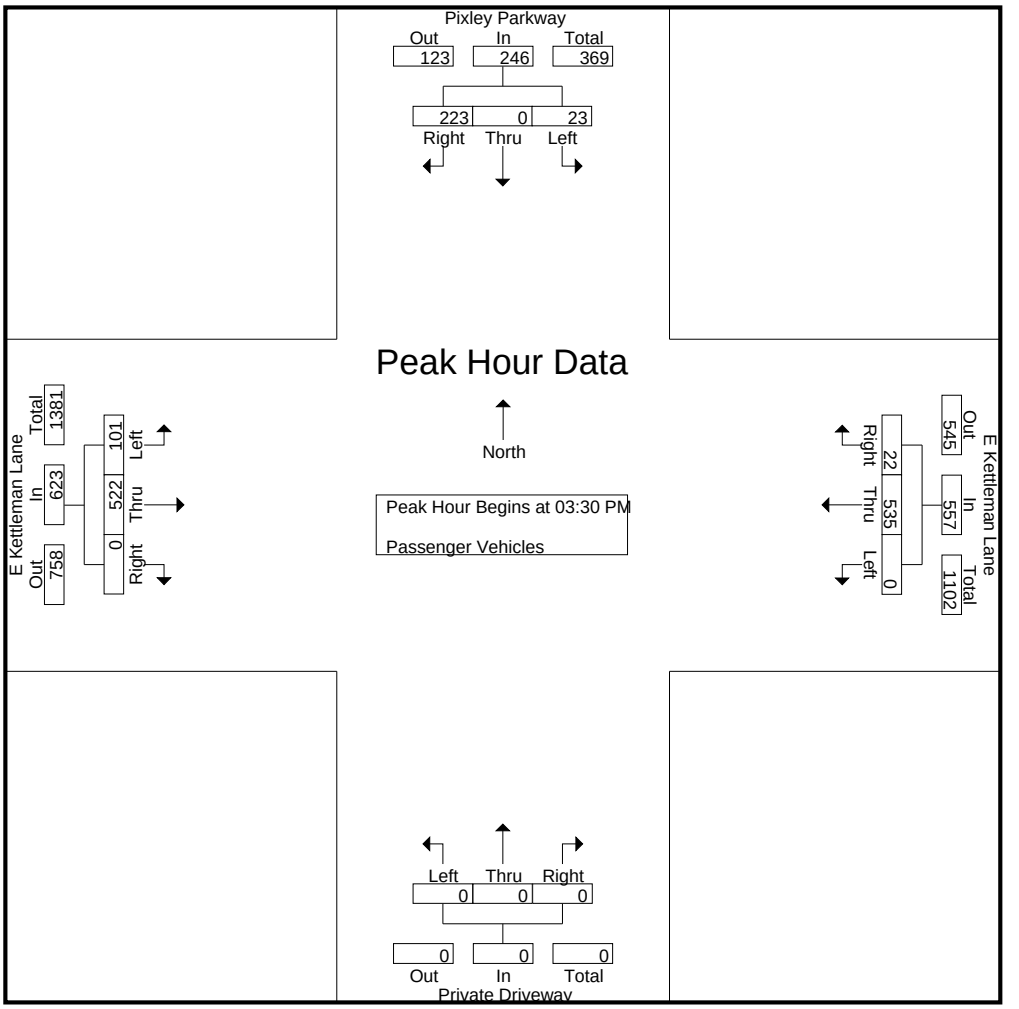
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	2	0	31	33	0	47	2	49	0	0	0	0	26	51	0	77	159
02:15 PM	4	0	20	24	0	76	6	82	0	0	0	0	30	72	0	102	208
02:30 PM	5	0	59	64	0	62	4	66	0	0	0	0	39	73	0	112	242
02:45 PM	2	0	37	39	0	84	1	85	0	0	0	0	53	79	0	132	256
Total	13	0	147	160	0	269	13	282	0	0	0	0	148	275	0	423	865
03:00 PM	4	0	56	60	0	79	8	87	0	0	0	0	30	81	0	111	258
03:15 PM	2	0	45	47	0	79	4	83	0	0	0	0	30	87	0	117	247
03:30 PM	6	0	108	114	0	104	5	109	0	0	0	0	26	102	0	128	351
03:45 PM	4	0	52	56	0	130	8	138	0	0	0	0	29	119	0	148	342
Total	16	0	261	277	0	392	25	417	0	0	0	0	115	389	0	504	1198
04:00 PM	6	0	39	45	0	127	4	131	0	0	0	0	31	142	0	173	349
04:15 PM	7	0	24	31	0	174	5	179	0	0	0	0	15	159	0	174	384
04:30 PM	5	0	53	58	0	99	3	102	0	0	0	0	9	145	0	154	314
04:45 PM	5	0	48	53	0	75	0	75	0	0	0	0	8	128	0	136	264
Total	23	0	164	187	0	475	12	487	0	0	0	0	63	574	0	637	1311
05:00 PM	2	0	29	31	0	76	4	80	0	0	0	0	6	110	0	116	227
05:15 PM	1	0	22	23	0	55	1	56	0	0	0	0	8	97	0	105	184
05:30 PM	2	0	24	26	0	58	3	61	0	0	0	0	8	72	0	80	167
05:45 PM	4	0	14	18	0	66	0	66	0	0	0	0	8	88	0	96	180
Total	9	0	89	98	0	255	8	263	0	0	0	0	30	367	0	397	758
Grand Total	61	0	661	722	0	1391	58	1449	0	0	0	0	356	1605	0	1961	4132
Apprch %	8.4	0	91.6		0	96	4		0	0	0		18.2	81.8	0		
Total %	1.5	0	16	17.5	0	33.7	1.4	35.1	0	0	0	0	8.6	38.8	0	47.5	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	6	0	**108**	**114**	0	104	5	109	0	0	0	0	26	102	0	128	351
03:45 PM	4	0	52	56	0	130	**8**	138	0	0	0	0	29	119	0	148	342
04:00 PM	6	0	39	45	0	127	4	131	0	0	0	0	**31**	142	0	173	349
04:15 PM	**7**	0	24	31	0	**174**	5	**179**	0	0	0	0	15	**159**	0	**174**	**384**
Total Volume	23	0	223	246	0	535	22	557	0	0	0	0	101	522	0	623	1426
% App. Total	9.3	0	90.7		0	96.1	3.9		0	0	0		16.2	83.8	0		
PHF	.821	.000	.516	.539	.000	.769	.688	.778	.000	.000	.000	.000	.815	.821	.000	.895	.928

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
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Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	6	0	**108**	**114**	0	104	5	109	0	0	0	0	26	102	0	128
+15 mins.	4	0	52	56	0	130	**8**	138	0	0	0	0	29	119	0	148
+30 mins.	6	0	39	45	0	127	4	131	0	0	0	0	**31**	142	0	173
+45 mins.	**7**	0	24	31	0	**174**	5	**179**	0	0	0	0	15	**159**	0	**174**
Total Volume	23	0	223	246	0	535	22	557	0	0	0	0	101	522	0	623
% App. Total	9.3	0	90.7		0	96.1	3.9		0	0	0		16.2	83.8	0	
PHF	.821	.000	.516	.539	.000	.769	.688	.778	.000	.000	.000	.000	.815	.821	.000	.895

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City of Lodi
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Weather: Clear

File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

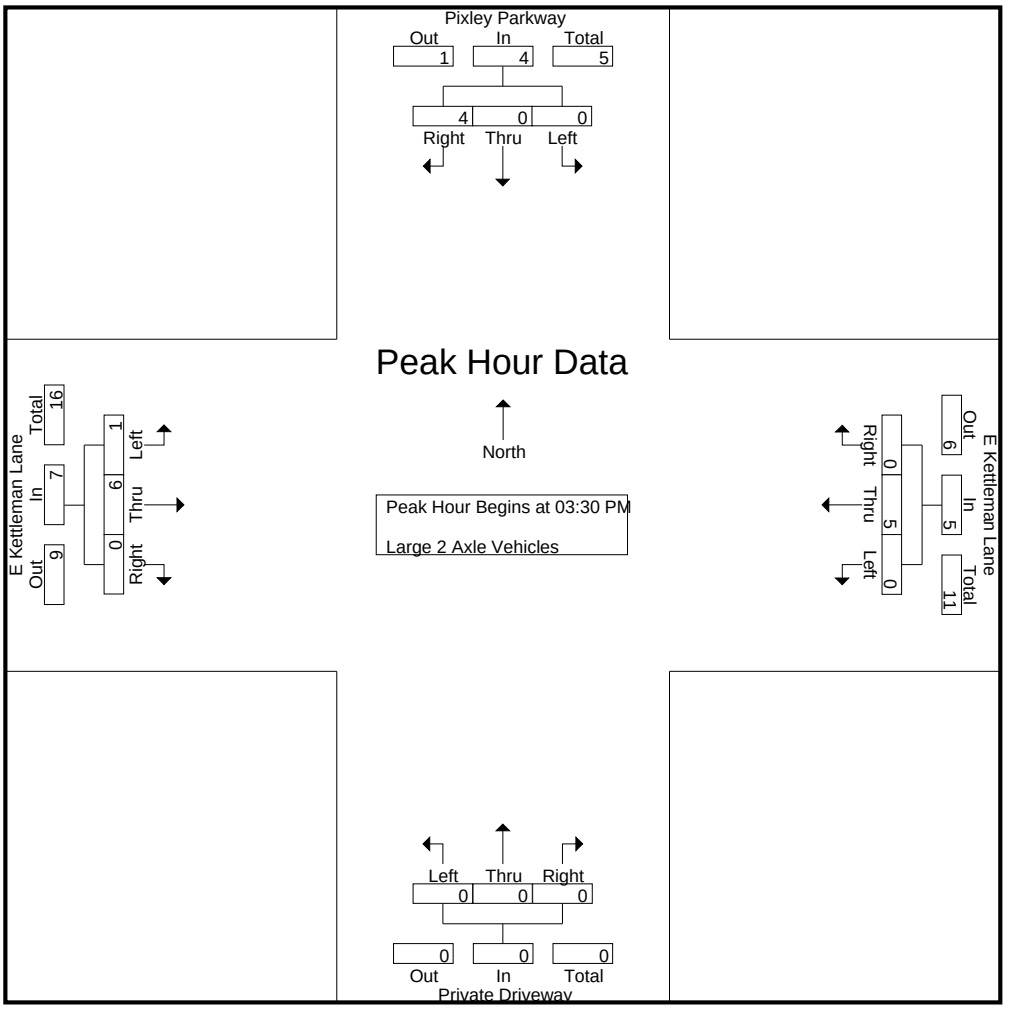
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	1	1	0	6	0	6	0	0	0	0	0	0	0	0	7
02:15 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
02:45 PM	0	0	2	2	0	1	0	1	0	0	0	0	0	1	0	1	4
Total	0	0	4	4	0	7	0	7	0	0	0	0	1	2	0	3	14
03:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	2	3
03:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	1	2	0	3	4
03:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
03:45 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	1	0	1	3
Total	0	0	1	1	0	4	0	4	0	0	0	0	3	4	0	7	12
04:00 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	3	0	3	6
04:15 PM	0	0	3	3	0	0	0	0	0	0	0	0	1	1	0	2	5
04:30 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	5	0	5	9
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	3
Total	0	0	3	3	0	7	0	7	0	0	0	0	2	11	0	13	23
05:00 PM	1	0	0	1	0	0	1	1	0	0	0	0	1	2	0	3	5
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:30 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	2	0	1	1	2	0	0	0	0	1	3	0	4	8
Grand Total	1	0	9	10	0	19	1	20	0	0	0	0	7	20	0	27	57
Apprch %	10	0	90		0	95	5		0	0	0		25.9	74.1	0		
Total %	1.8	0	15.8	17.5	0	33.3	1.8	35.1	0	0	0	0	12.3	35.1	0	47.4	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
03:45 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	1	0	1	3
04:00 PM	0	0	0	0	0	**3**	0	**3**	0	0	0	0	0	**3**	0	**3**	**6**
04:15 PM	0	0	**3**	**3**	0	0	0	0	0	0	0	0	**1**	1	0	2	5
Total Volume	0	0	4	4	0	5	0	5	0	0	0	0	1	6	0	7	16
% App. Total	0	0	100		0	100	0		0	0	0		14.3	85.7	0		
PHF	.000	.000	.333	.333	.000	.417	.000	.417	.000	.000	.000	.000	.250	.500	.000	.583	.667

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File Name : 06_LDI_Pix_Ket PM
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Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
+15 mins.	0	0	1	1	0	1	0	1	0	0	0	0	0	1	0	1
+30 mins.	0	0	0	0	0	**3**	0	**3**	0	0	0	0	0	**3**	0	**3**
+45 mins.	0	0	**3**	**3**	0	0	0	0	0	0	0	0	**1**	1	0	2
Total Volume	0	0	4	4	0	5	0	5	0	0	0	0	1	6	0	7
% App. Total	0	0	100		0	100	0		0	0	0		14.3	85.7	0	
PHF	.000	.000	.333	.333	.000	.417	.000	.417	.000	.000	.000	.000	.250	.500	.000	.583

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Groups Printed- 3 Axle Vehicles

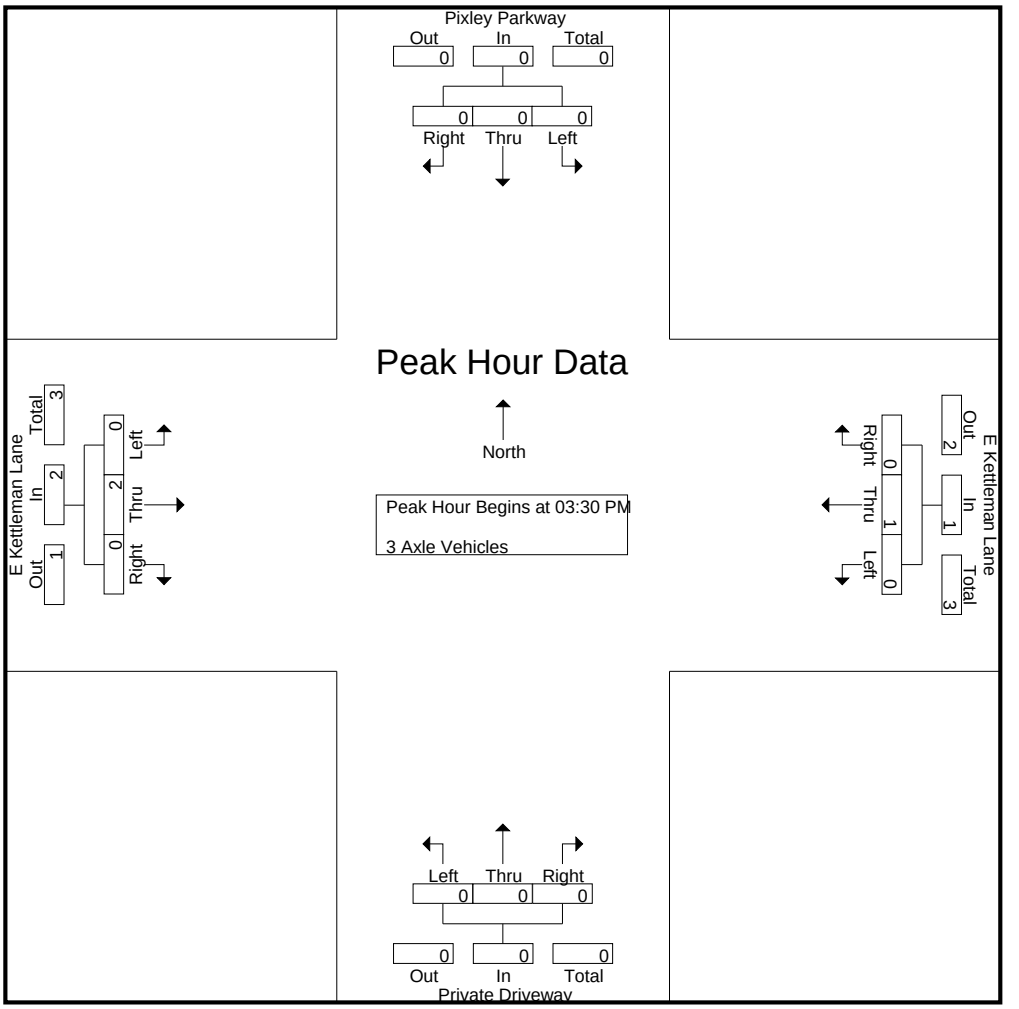
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	2	0	1	0	1	0	0	0	0	0	0	0	0	3
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Grand Total	1	0	1	2	0	3	0	3	0	0	0	0	0	3	0	3	8
Apprch %	50	0	50		0	100	0		0	0	0		0	100	0		
Total %	12.5	0	12.5	25	0	37.5	0	37.5	0	0	0	0	0	37.5	0	37.5	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**	0	**2**	**2**
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	**1**	0	**1**	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.375

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
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Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**	0	**2**
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	**1**	0	**1**	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0	
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250

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City of Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane
Weather: Clear

File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

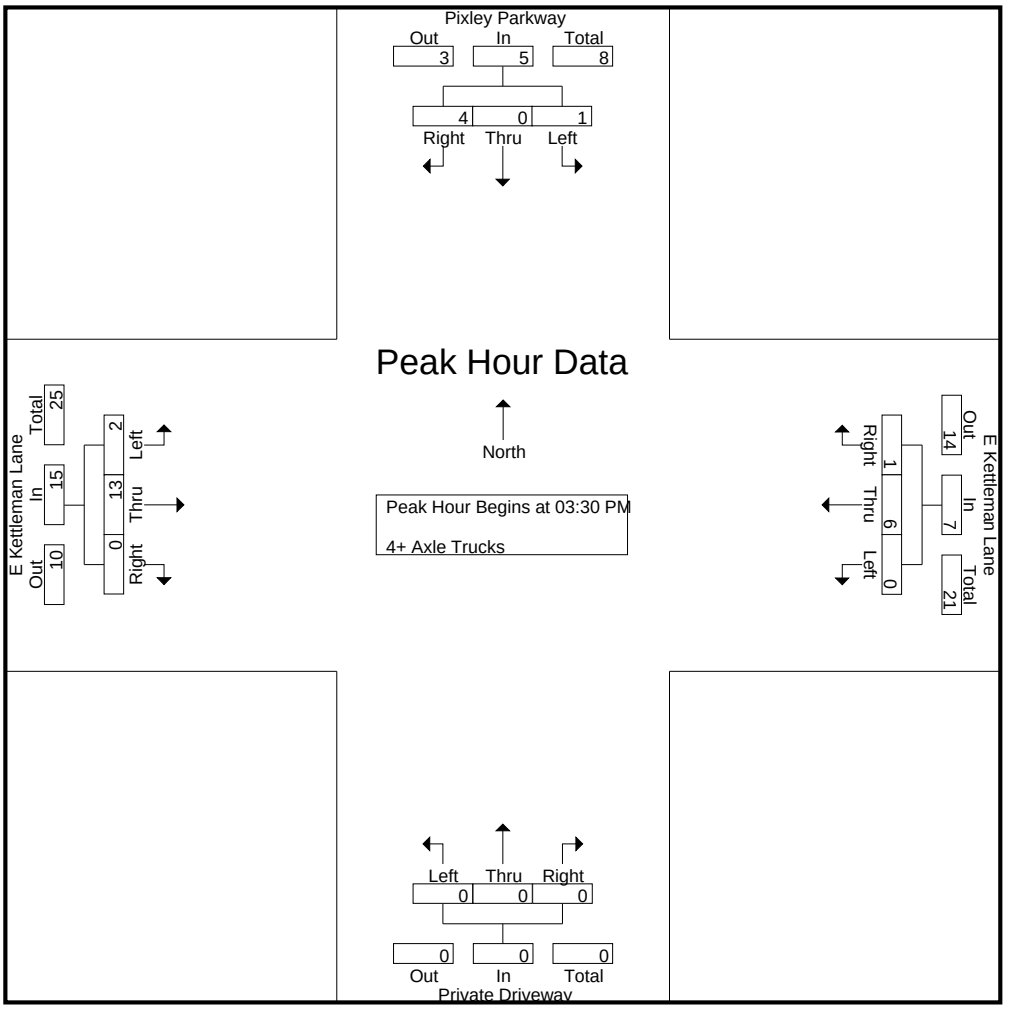
	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
02:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	1	3	0	4	5
02:15 PM	0	0	3	3	0	1	0	1	0	0	0	0	2	3	0	5	9
02:30 PM	0	0	4	4	0	0	0	0	0	0	0	0	2	1	0	3	7
02:45 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	4	0	4	5
Total	0	0	8	8	0	2	0	2	0	0	0	0	5	11	0	16	26
03:00 PM	0	0	1	1	0	5	0	5	0	0	0	0	2	3	0	5	11
03:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
03:30 PM	1	0	3	4	0	3	1	4	0	0	0	0	1	2	0	3	11
03:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	5	0	5	6
Total	1	0	4	5	0	10	1	11	0	0	0	0	3	12	0	15	31
04:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	1	2	0	3	4
04:15 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	4	0	4	6
04:30 PM	1	0	2	3	0	2	0	2	0	0	0	0	0	2	0	2	7
04:45 PM	0	0	2	2	0	4	0	4	0	0	0	0	3	0	0	3	9
Total	1	0	5	6	0	8	0	8	0	0	0	0	4	8	0	12	26
05:00 PM	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5	5
05:30 PM	1	0	0	1	0	1	0	1	0	0	0	0	0	1	0	1	3
05:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	5
Total	1	0	5	6	0	3	0	3	0	0	0	0	1	8	0	9	18
Grand Total	3	0	22	25	0	23	1	24	0	0	0	0	13	39	0	52	101
Apprch %	12	0	88		0	95.8	4.2		0	0	0		25	75	0		
Total %	3	0	21.8	24.8	0	22.8	1	23.8	0	0	0	0	12.9	38.6	0	51.5	

	Pixley Parkway Southbound				E Kettleman Lane Westbound				Private Driveway Northbound				E Kettleman Lane Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	**1**	0	**3**	**4**	0	**3**	**1**	**4**	0	0	0	0	**1**	2	0	3	**11**
03:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	**5**	0	**5**	6
04:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	1	2	0	3	4
04:15 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	4	0	4	6
Total Volume	1	0	4	5	0	6	1	7	0	0	0	0	2	13	0	15	27
% App. Total	20	0	80		0	85.7	14.3		0	0	0		13.3	86.7	0		
PHF	.250	.000	.333	.313	.000	.500	.250	.438	.000	.000	.000	.000	.500	.650	.000	.750	.614

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City of Lodi
N/S: Pixley Parkway
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Weather: Clear

File Name : 06_LDI_Pix_Ket PM
Site Code : 22324420
Start Date : 5/9/2024
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Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	**1**	0	**3**	**4**	0	**3**	**1**	**4**	0	0	0	0	**1**	2	0	3
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	**5**	0	**5**
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	1	2	0	3
+45 mins.	0	0	1	1	0	1	0	1	0	0	0	0	0	4	0	4
Total Volume	1	0	4	5	0	6	1	7	0	0	0	0	2	13	0	15
% App. Total	20	0	80		0	85.7	14.3		0	0	0		13.3	86.7	0	
PHF	.250	.000	.333	.313	.000	.500	.250	.438	.000	.000	.000	.000	.500	.650	.000	.750

Location: Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane

Date: 5/9/2024
Day: Wednesday

PEDESTRIANS

	North Leg Pixley Parkway	East Leg E Kettleman Lane	South Leg Private Driveway	West Leg E Kettleman Lane	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	1	0	0	0	1
8:00 AM	1	0	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	2	0	0	0	2

	North Leg Pixley Parkway	East Leg E Kettleman Lane	South Leg Private Driveway	West Leg E Kettleman Lane	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	0	0	0	0	0
2:15 PM	0	0	0	0	0
2:30 PM	0	0	0	0	0
2:45 PM	3	0	0	0	3
3:00 PM	1	0	0	0	1
3:15 PM	0	0	0	0	0
3:30 PM	1	0	0	0	1
3:45 PM	1	0	0	0	1
4:00 PM	0	0	0	0	0
4:15 PM	1	0	0	0	1
4:30 PM	3	0	0	0	3
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	10	0	0	0	10

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Location: Lodi
N/S: Pixley Parkway
E/W: E Kettleman Lane

Date: 4/13/2022
Day: Wednesday

BICYCLES

	Southbound Pixley Parkway			Westbound E Kettleman Lane			Northbound Private Driveway			Eastbound E Kettleman Lane			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	1	0	0	0	0	0	0	1	0	0	2

	Southbound Pixley Parkway			Westbound E Kettleman Lane			Northbound Private Driveway			Eastbound E Kettleman Lane			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	2	0	0	0	0	1	2	0	6

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B - Synchro Reports and SimTraffic Report

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (veh/h)	2	118	413	69	31	55	400	62	2	159	191	73
Future Volume (veh/h)	2	118	413	69	31	55	400	62	2	159	191	73
Initial Q (Qb), veh		0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach			No				No				No	
Adj Sat Flow, veh/h/ln		1796	1796	1796		1796	1796	1796		1796	1796	1796
Adj Flow Rate, veh/h		127	444	16		59	430	56		171	205	44
Peak Hour Factor		0.93	0.93	0.93		0.93	0.93	0.93		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7		7	7	7		7	7	7
Cap, veh/h		270	924	412		95	744	96		224	535	112
Arrive On Green		0.08	0.27	0.27		0.06	0.24	0.24		0.13	0.19	0.19
Sat Flow, veh/h		3319	3413	1522		1711	3038	394		1711	2805	590
Grp Volume(v), veh/h		127	444	16		59	240	246		171	123	126
Grp Sat Flow(s),veh/h/ln		1659	1706	1522		1711	1706	1725		1711	1706	1689
Q Serve(g_s), s		1.9	5.6	0.4		1.7	6.4	6.4		5.0	3.2	3.4
Cycle Q Clear(g_c), s		1.9	5.6	0.4		1.7	6.4	6.4		5.0	3.2	3.4
Prop In Lane		1.00		1.00		1.00		0.23		1.00		0.35
Lane Grp Cap(c), veh/h		270	924	412		95	418	423		224	325	322
V/C Ratio(X)		0.47	0.48	0.04		0.62	0.58	0.58		0.76	0.38	0.39
Avail Cap(c_a), veh/h		1290	2652	1183		665	1326	1341		665	995	984
HCM Platoon Ratio		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Uniform Delay (d), s/veh		22.6	15.7	13.8		23.8	17.1	17.1		21.6	18.2	18.2
Incr Delay (d2), s/veh		1.4	0.5	0.0		7.3	1.6	1.6		5.9	1.0	1.1
Initial Q Delay(d3),s/veh		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		0.7	2.0	0.1		0.8	2.4	2.5		2.2	1.2	1.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		24.0	16.2	13.9		31.1	18.7	18.7		27.5	19.2	19.3
LnGrp LOS		C	B	B		C	B	B		C	B	B
Approach Vol, veh/h			587				545				420	
Approach Delay, s/veh			17.8				20.1				22.6	
Approach LOS			B				C				C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	7.5	19.3	11.4	13.1	8.9	18.0	9.0	15.6
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 20	40.0	* 20	* 30	* 20	40.0	* 20	30.0
Max Q Clear Time (g_c+I1), s	3.7	7.6	7.0	4.5	3.9	8.4	5.2	5.4
Green Ext Time (p_c), s	0.1	4.2	0.4	1.5	0.4	4.2	0.2	2.0

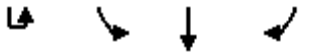
Intersection Summary	
HCM 6th Ctrl Delay	20.7
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBU	SBL	SBT	SBR
Lane Configurations				
Traffic Volume (veh/h)	8	100	172	80
Future Volume (veh/h)	8	100	172	80
Initial Q (Qb), veh		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00
Work Zone On Approach			No	
Adj Sat Flow, veh/h/ln		1796	1796	1796
Adj Flow Rate, veh/h		108	185	8
Peak Hour Factor		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7
Cap, veh/h		142	486	216
Arrive On Green		0.08	0.14	0.14
Sat Flow, veh/h		1711	3413	1519
Grp Volume(v), veh/h		108	185	8
Grp Sat Flow(s),veh/h/ln		1711	1706	1519
Q Serve(g_s), s		3.2	2.5	0.2
Cycle Q Clear(g_c), s		3.2	2.5	0.2
Prop In Lane		1.00		1.00
Lane Grp Cap(c), veh/h		142	486	216
V/C Ratio(X)		0.76	0.38	0.04
Avail Cap(c_a), veh/h		668	1989	885
HCM Platoon Ratio		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00
Uniform Delay (d), s/veh		23.1	20.0	19.0
Incr Delay (d2), s/veh		9.1	0.6	0.1
Initial Q Delay(d3),s/veh		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		1.5	1.0	0.1
Unsig. Movement Delay, s/veh				
LnGrp Delay(d),s/veh		32.2	20.6	19.1
LnGrp LOS		C	C	B
Approach Vol, veh/h			301	
Approach Delay, s/veh			24.7	
Approach LOS			C	
Timer - Assigned Phs				



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	455	171	187	377	0	0	0	0	104	1	190
Future Volume (veh/h)	0	455	171	187	377	0	0	0	0	104	1	190
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1781	1781	1781	1781	0				1781	1781	1781
Adj Flow Rate, veh/h	0	495	148	203	410	0				113	1	20
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	8	8	8	8	0				8	8	8
Cap, veh/h	0	838	249	271	1081	0				229	2	206
Arrive On Green	0.00	0.33	0.33	0.16	0.61	0.00				0.14	0.14	0.14
Sat Flow, veh/h	0	2661	764	1697	1781	0				1682	15	1510
Grp Volume(v), veh/h	0	325	318	203	410	0				114	0	20
Grp Sat Flow(s),veh/h/ln	0	1692	1644	1697	1781	0				1697	0	1510
Q Serve(g_s), s	0.0	6.3	6.4	4.5	4.7	0.0				2.5	0.0	0.5
Cycle Q Clear(g_c), s	0.0	6.3	6.4	4.5	4.7	0.0				2.5	0.0	0.5
Prop In Lane	0.00		0.47	1.00		0.00				0.99		1.00
Lane Grp Cap(c), veh/h	0	552	536	271	1081	0				231	0	206
V/C Ratio(X)	0.00	0.59	0.59	0.75	0.38	0.00				0.49	0.00	0.10
Avail Cap(c_a), veh/h	0	1706	1657	1283	1796	0				1284	0	1142
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	11.2	11.2	15.9	4.0	0.0				15.9	0.0	15.0
Incr Delay (d2), s/veh	0.0	1.0	1.1	4.1	0.2	0.0				0.6	0.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.0	2.0	1.8	0.8	0.0				0.8	0.0	0.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	12.2	12.2	20.0	4.2	0.0				16.5	0.0	15.1
LnGrp LOS	A	B	B	C	A	A				B	A	B
Approach Vol, veh/h		643			613						134	
Approach Delay, s/veh		12.2			9.4						16.3	
Approach LOS		B			A						B	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	11.1	18.3		10.2		29.5
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 6	40.0		* 30		40.0
Max Q Clear Time (g_c+I1), s	6.5	8.4		4.5		6.7
Green Ext Time (p_c), s	0.6	4.5		0.4		2.8

Intersection Summary	
HCM 6th Ctrl Delay	11.4
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	176	383	0	0	470	96	94	3	267	0	0	0
Future Volume (veh/h)	176	383	0	0	470	96	94	3	267	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1781	1781	0	0	1781	1781	1781	1781	1781			
Adj Flow Rate, veh/h	196	426	0	0	522	89	104	3	28			
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90			
Percent Heavy Veh, %	8	8	0	0	8	8	8	8	8			
Cap, veh/h	276	2038	0	0	896	152	233	7	212			
Arrive On Green	0.16	0.60	0.00	0.00	0.31	0.31	0.14	0.14	0.14			
Sat Flow, veh/h	1697	3474	0	0	2973	489	1651	48	1502			
Grp Volume(v), veh/h	196	426	0	0	305	306	107	0	28			
Grp Sat Flow(s),veh/h/ln	1697	1692	0	0	1692	1681	1699	0	1502			
Q Serve(g_s), s	4.1	2.1	0.0	0.0	5.7	5.7	2.2	0.0	0.6			
Cycle Q Clear(g_c), s	4.1	2.1	0.0	0.0	5.7	5.7	2.2	0.0	0.6			
Prop In Lane	1.00		0.00	0.00		0.29	0.97		1.00			
Lane Grp Cap(c), veh/h	276	2038	0	0	526	523	240	0	212			
V/C Ratio(X)	0.71	0.21	0.00	0.00	0.58	0.58	0.45	0.00	0.13			
Avail Cap(c_a), veh/h	1361	2716	0	0	1358	1349	1363	0	1206			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	14.8	3.4	0.0	0.0	10.8	10.8	14.7	0.0	14.0			
Incr Delay (d2), s/veh	3.4	0.1	0.0	0.0	1.0	1.0	1.3	0.0	0.3			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.5	0.3	0.0	0.0	1.7	1.7	0.8	0.0	0.2			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	18.2	3.4	0.0	0.0	11.8	11.9	16.0	0.0	14.3			
LnGrp LOS	B	A	A	A	B	B	B	A	B			
Approach Vol, veh/h		622			611			135				
Approach Delay, s/veh		8.1			11.9			15.7				
Approach LOS		A			B			B				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		27.3			10.9	16.4		10.1				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 30			* 30	* 30		30.0				
Max Q Clear Time (g_c+I1), s		4.1			6.1	7.7		4.2				
Green Ext Time (p_c), s		3.0			0.5	3.9		0.6				

Intersection Summary	
HCM 6th Ctrl Delay	10.5
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

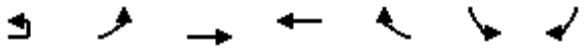
Intersection	
Int Delay, s/veh	2.7

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations														
Traffic Vol, veh/h	13	156	466	15	1	36	477	23	0	0	96	0	0	44
Future Vol, veh/h	13	156	466	15	1	36	477	23	0	0	96	0	0	44
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	-	None	-	-	-	None	-	-	None	-	-	None
Storage Length	-	140	-	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Grade, %	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	86	86	86	86	86	86	86	86	86	86	86	86	86	86
Heavy Vehicles, %	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Mvmt Flow	15	181	542	17	1	42	555	27	0	0	112	0	0	51

Major/Minor	Major1				Major2				Minor1			Minor2		
Conflicting Flow All	581	582	0	0	559	559	0	0	-	-	280	-	-	291
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	6.56	4.26	-	-	6.56	4.26	-	-	-	-	7.06	-	-	7.06
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.58	2.28	-	-	2.58	2.28	-	-	-	-	3.38	-	-	3.38
Pot Cap-1 Maneuver	592	948	-	-	611	968	-	-	0	0	699	0	0	688
Stage 1	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %			-	-			-	-						
Mov Cap-1 Maneuver	899	899	-	-	947	947	-	-	-	-	699	-	-	688
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.6	0.6	11.1	10.7
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	699	899	-	-	947	-	-	688
HCM Lane V/C Ratio	0.16	0.219	-	-	0.045	-	-	0.074
HCM Control Delay (s)	11.1	10.1	-	-	9	-	-	10.7
HCM Lane LOS	B	B	-	-	A	-	-	B
HCM 95th %tile Q(veh)	0.6	0.8	-	-	0.1	-	-	0.2



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations							
Traffic Volume (veh/h)	25	253	285	326	45	36	164
Future Volume (veh/h)	25	253	285	326	45	36	164
Initial Q (Qb), veh		0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00			1.00	1.00	1.00
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No	No		No	
Adj Sat Flow, veh/h/ln		1767	1767	1767	1767	1767	1767
Adj Flow Rate, veh/h		305	343	393	38	43	4
Peak Hour Factor		0.83	0.83	0.83	0.83	0.83	0.83
Percent Heavy Veh, %		9	9	9	9	9	9
Cap, veh/h		552	2046	912	88	72	64
Arrive On Green		0.17	0.61	0.29	0.29	0.04	0.04
Sat Flow, veh/h		3264	3445	3182	298	1682	1497
Grp Volume(v), veh/h		305	343	212	219	43	4
Grp Sat Flow(s),veh/h/ln		1632	1678	1678	1713	1682	1497
Q Serve(g_s), s		2.7	1.4	3.2	3.3	0.8	0.1
Cycle Q Clear(g_c), s		2.7	1.4	3.2	3.3	0.8	0.1
Prop In Lane		1.00			0.17	1.00	1.00
Lane Grp Cap(c), veh/h		552	2046	495	505	72	64
V/C Ratio(X)		0.55	0.17	0.43	0.43	0.60	0.06
Avail Cap(c_a), veh/h		2621	4256	2085	2129	1048	933
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		12.0	2.7	9.0	9.0	14.9	14.5
Incr Delay (d2), s/veh		0.9	0.1	0.8	0.8	15.8	0.9
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		0.8	0.1	0.9	0.9	0.6	0.0
Unsig. Movement Delay, s/veh							
LnGrp Delay(d),s/veh		12.9	2.7	9.8	9.8	30.7	15.4
LnGrp LOS		B	A	A	A	C	B
Approach Vol, veh/h			648	431		47	
Approach Delay, s/veh			7.5	9.8		29.4	
Approach LOS			A	A		C	

Timer - Assigned Phs	2		4	5	6
Phs Duration (G+Y+Rc), s	25.0		6.7	9.9	15.0
Change Period (Y+Rc), s	* 5.7		5.3	4.6	5.7
Max Green Setting (Gmax), s	* 40		19.7	25.4	39.3
Max Q Clear Time (g_c+I1), s	3.4		2.8	4.7	5.3
Green Ext Time (p_c), s	3.5		0.2	1.0	4.1

Intersection Summary	
HCM 6th Ctrl Delay	9.3
HCM 6th LOS	A

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

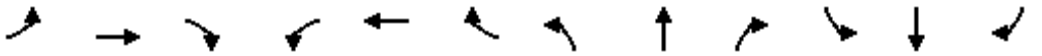
Intersection	
Int Delay, s/veh	2.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	120	226	0	0	340	13	0	0	0	5	0	57
Future Vol, veh/h	120	226	0	0	340	13	0	0	0	5	0	57
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	315	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	96	96	96	96	96	96	96	96	96	96	96	96
Heavy Vehicles, %	6	6	6	6	6	6	6	6	6	6	6	6
Mvmt Flow	125	235	0	0	354	14	0	0	0	5	0	59

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	368	0	0	235	0	0	662	853	118	729	846	184
Stage 1	-	-	-	-	-	-	485	485	-	361	361	-
Stage 2	-	-	-	-	-	-	177	368	-	368	485	-
Critical Hdwy	4.22	-	-	4.22	-	-	7.62	6.62	7.02	7.62	6.62	7.02
Critical Hdwy Stg 1	-	-	-	-	-	-	6.62	5.62	-	6.62	5.62	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.62	5.62	-	6.62	5.62	-
Follow-up Hdwy	2.26	-	-	2.26	-	-	3.56	4.06	3.36	3.56	4.06	3.36
Pot Cap-1 Maneuver	1159	-	-	1301	-	-	339	288	899	303	290	815
Stage 1	-	-	-	-	-	-	522	540	-	619	614	-
Stage 2	-	-	-	-	-	-	796	610	-	613	540	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1159	-	-	1301	-	-	288	257	899	278	259	815
Mov Cap-2 Maneuver	-	-	-	-	-	-	288	257	-	278	259	-
Stage 1	-	-	-	-	-	-	466	482	-	552	614	-
Stage 2	-	-	-	-	-	-	738	610	-	547	482	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.9	0	0	10.6
HCM LOS			A	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1159	-	-	1301	-	-	705
HCM Lane V/C Ratio	-	0.108	-	-	-	-	-	0.092
HCM Control Delay (s)	0	8.5	-	-	0	-	-	10.6
HCM Lane LOS	A	A	-	-	A	-	-	B
HCM 95th %tile Q(veh)	-	0.4	-	-	0	-	-	0.3



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	204	527	126	144	539	145	216	430	86	183	380	161
Future Volume (veh/h)	204	527	126	144	539	145	216	430	86	183	380	161
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	206	532	32	145	544	127	218	434	74	185	384	33
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	317	933	416	187	789	184	267	655	111	232	696	310
Arrive On Green	0.09	0.26	0.26	0.11	0.28	0.28	0.15	0.22	0.22	0.13	0.20	0.20
Sat Flow, veh/h	3428	3526	1572	1767	2839	660	1767	3015	511	1767	3526	1570
Grp Volume(v), veh/h	206	532	32	145	337	334	218	253	255	185	384	33
Grp Sat Flow(s),veh/h/ln	1714	1763	1572	1767	1763	1737	1767	1763	1763	1767	1763	1570
Q Serve(g_s), s	4.3	9.6	1.1	5.9	12.5	12.6	8.8	9.6	9.7	7.5	7.2	1.3
Cycle Q Clear(g_c), s	4.3	9.6	1.1	5.9	12.5	12.6	8.8	9.6	9.7	7.5	7.2	1.3
Prop In Lane	1.00		1.00	1.00		0.38	1.00		0.29	1.00		1.00
Lane Grp Cap(c), veh/h	317	933	416	187	490	483	267	383	383	232	696	310
V/C Ratio(X)	0.65	0.57	0.08	0.78	0.69	0.69	0.82	0.66	0.67	0.80	0.55	0.11
Avail Cap(c_a), veh/h	934	1921	857	482	961	947	482	721	721	484	1441	642
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	32.2	23.4	20.3	32.0	23.6	23.7	30.1	26.2	26.3	30.9	26.5	24.1
Incr Delay (d2), s/veh	2.5	0.7	0.1	7.5	2.2	2.3	6.7	2.7	2.7	6.9	0.9	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	3.9	0.4	2.8	5.2	5.2	4.1	4.1	4.2	3.5	3.0	0.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	34.7	24.1	20.4	39.5	25.9	26.0	36.8	28.9	29.0	37.8	27.4	24.3
LnGrp LOS	C	C	C	D	C	C	D	C	C	D	C	C
Approach Vol, veh/h		770			816			726			602	
Approach Delay, s/veh		26.8			28.3			31.3			30.4	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.5	24.8	15.8	20.3	11.5	25.8	14.3	21.8
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 20	40.0	* 20	* 30	* 20	40.0	* 20	30.0
Max Q Clear Time (g_c+I1), s	7.9	11.6	10.8	9.2	6.3	14.6	9.5	11.7
Green Ext Time (p_c), s	0.3	5.1	0.5	3.2	0.6	5.8	0.4	3.9

Intersection Summary	
HCM 6th Ctrl Delay	29.1
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	607	211	330	589	0	0	0	0	102	5	270
Future Volume (veh/h)	0	607	211	330	589	0	0	0	0	102	5	270
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1841	1841	1841	1841	0				1841	1841	1841
Adj Flow Rate, veh/h	0	714	215	508	906	0				120	6	227
Peak Hour Factor	0.85	0.85	0.85	0.65	0.65	0.65				0.85	0.85	0.85
Percent Heavy Veh, %	0	4	4	4	4	0				4	4	4
Cap, veh/h	0	983	296	538	1338	0				285	14	265
Arrive On Green	0.00	0.37	0.37	0.31	0.73	0.00				0.17	0.17	0.17
Sat Flow, veh/h	0	2740	797	1753	1841	0				1673	84	1560
Grp Volume(v), veh/h	0	471	458	508	906	0				126	0	227
Grp Sat Flow(s),veh/h/ln	0	1749	1697	1753	1841	0				1757	0	1560
Q Serve(g_s), s	0.0	23.0	23.0	28.0	26.2	0.0				6.3	0.0	14.0
Cycle Q Clear(g_c), s	0.0	23.0	23.0	28.0	26.2	0.0				6.3	0.0	14.0
Prop In Lane	0.00		0.47	1.00		0.00				0.95		1.00
Lane Grp Cap(c), veh/h	0	649	630	538	1338	0				299	0	265
V/C Ratio(X)	0.00	0.73	0.73	0.94	0.68	0.00				0.42	0.00	0.86
Avail Cap(c_a), veh/h	0	649	630	567	1338	0				710	0	630
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.76	0.76	0.53	0.53	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	26.8	26.8	33.5	7.3	0.0				36.7	0.0	39.9
Incr Delay (d2), s/veh	0.0	5.3	5.5	15.4	1.5	0.0				0.4	0.0	3.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	10.3	10.0	13.9	8.8	0.0				2.7	0.0	5.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	32.1	32.3	48.9	8.8	0.0				37.1	0.0	43.0
LnGrp LOS	A	C	C	D	A	A				D	A	D
Approach Vol, veh/h		929			1414						353	
Approach Delay, s/veh		32.2			23.2						40.9	
Approach LOS		C			C						D	

Timer - Assigned Phs	1	2		4		6			
Phs Duration (G+Y+Rc), s	35.2	42.2		21.6		77.4			
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4			
Max Green Setting (Gmax), s	* 32	12.0		* 40		49.0			
Max Q Clear Time (g_c+I1), s	30.0	25.0		16.0		28.2			
Green Ext Time (p_c), s	0.4	0.0		0.8		7.3			

Intersection Summary	
HCM 6th Ctrl Delay	28.6
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	192	517	0	0	797	116	122	1	258	0	0	0
Future Volume (veh/h)	192	517	0	0	797	116	122	1	258	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		0.99			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1841	1841	0	0	1841	1841	1841	1841	1841			
Adj Flow Rate, veh/h	240	646	0	0	1226	166	145	1	59			
Peak Hour Factor	0.80	0.80	0.80	0.65	0.65	0.65	0.84	0.84	0.84			
Percent Heavy Veh, %	4	4	0	0	4	4	4	4	4			
Cap, veh/h	279	2785	0	0	1819	245	187	1	166			
Arrive On Green	0.16	0.80	0.00	0.00	0.59	0.59	0.11	0.11	0.11			
Sat Flow, veh/h	1753	3589	0	0	3180	416	1742	12	1547			
Grp Volume(v), veh/h	240	646	0	0	692	700	146	0	59			
Grp Sat Flow(s),veh/h/ln	1753	1749	0	0	1749	1755	1754	0	1547			
Q Serve(g_s), s	13.3	4.6	0.0	0.0	26.9	27.3	8.1	0.0	3.5			
Cycle Q Clear(g_c), s	13.3	4.6	0.0	0.0	26.9	27.3	8.1	0.0	3.5			
Prop In Lane	1.00		0.00	0.00		0.24	0.99		1.00			
Lane Grp Cap(c), veh/h	279	2785	0	0	1030	1034	189	0	166			
V/C Ratio(X)	0.86	0.23	0.00	0.00	0.67	0.68	0.77	0.00	0.35			
Avail Cap(c_a), veh/h	579	2785	0	0	1030	1034	368	0	325			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.23	0.23	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	40.9	2.5	0.0	0.0	14.0	14.1	43.4	0.0	41.4			
Incr Delay (d2), s/veh	1.9	0.0	0.0	0.0	3.5	3.6	6.6	0.0	1.3			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	5.8	1.1	0.0	0.0	10.7	10.9	3.8	0.0	1.4			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	42.8	2.6	0.0	0.0	17.5	17.6	50.1	0.0	42.7			
LnGrp LOS	D	A	A	A	B	B	D	A	D			
Approach Vol, veh/h		886			1392			205				
Approach Delay, s/veh		13.5			17.5			47.9				
Approach LOS		B			B			D				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		84.4			20.7	63.7		15.6				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 69			* 33	* 31		21.0				
Max Q Clear Time (g_c+I1), s		6.6			15.3	29.3		10.1				
Green Ext Time (p_c), s		5.3			0.6	1.3		0.7				

Intersection Summary	
HCM 6th Ctrl Delay	18.6
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

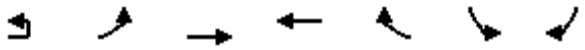
Intersection	
Int Delay, s/veh	3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	127	633	15	145	835	15	0	0	129	0	0	47
Future Vol, veh/h	127	633	15	145	835	15	0	0	129	0	0	47
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	140	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	80	80	80	65	65	65	77	77	77	71	71	71
Heavy Vehicles, %	4	4	4	4	4	4	4	4	4	4	4	4
Mvmt Flow	159	791	19	223	1285	23	0	0	168	0	0	66

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1308	0	0	810	0	0	-	-	405	-	-	654
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.18	-	-	4.18	-	-	-	-	6.98	-	-	6.98
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.24	-	-	2.24	-	-	-	-	3.34	-	-	3.34
Pot Cap-1 Maneuver	514	-	-	799	-	-	0	0	590	0	0	405
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	514	-	-	799	-	-	-	-	590	-	-	405
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.5	1.6	13.5	15.6
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	590	514	-	-	799	-	-	405
HCM Lane V/C Ratio	0.284	0.309	-	-	0.279	-	-	0.163
HCM Control Delay (s)	13.5	15.1	-	-	11.2	-	-	15.6
HCM Lane LOS	B	C	-	-	B	-	-	C
HCM 95th %tile Q(veh)	1.2	1.3	-	-	1.1	-	-	0.6



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations							
Traffic Volume (veh/h)	7	237	518	693	85	129	264
Future Volume (veh/h)	7	237	518	693	85	129	264
Initial Q (Qb), veh		0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00			1.00	1.00	1.00
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No	No		No	
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h		296	648	1066	117	161	15
Peak Hour Factor		0.80	0.80	0.65	0.65	0.80	0.65
Percent Heavy Veh, %		4	4	4	4	4	4
Cap, veh/h		445	2415	1537	169	224	200
Arrive On Green		0.13	0.69	0.48	0.48	0.13	0.13
Sat Flow, veh/h		3401	3589	3270	349	1753	1560
Grp Volume(v), veh/h		296	648	586	597	161	15
Grp Sat Flow(s),veh/h/ln		1700	1749	1749	1778	1753	1560
Q Serve(g_s), s		5.0	4.3	15.8	15.8	5.3	0.5
Cycle Q Clear(g_c), s		5.0	4.3	15.8	15.8	5.3	0.5
Prop In Lane		1.00			0.20	1.00	1.00
Lane Grp Cap(c), veh/h		445	2415	846	860	224	200
V/C Ratio(X)		0.67	0.27	0.69	0.69	0.72	0.08
Avail Cap(c_a), veh/h		1427	2415	1135	1154	570	507
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		25.1	3.6	12.1	12.1	25.4	23.3
Incr Delay (d2), s/veh		1.7	0.1	1.6	1.6	8.8	0.3
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		2.0	1.0	5.5	5.6	2.6	0.5
Unsig. Movement Delay, s/veh							
LnGrp Delay(d),s/veh		26.8	3.6	13.7	13.7	34.2	23.6
LnGrp LOS		C	A	B	B	C	C
Approach Vol, veh/h			944	1183		176	
Approach Delay, s/veh			10.9	13.7		33.3	
Approach LOS			B	B		C	

Timer - Assigned Phs	2		4	5	6
Phs Duration (G+Y+Rc), s	47.5		13.0	12.5	35.0
Change Period (Y+Rc), s	* 5.7		5.3	4.6	5.7
Max Green Setting (Gmax), s	* 40		19.7	25.4	39.3
Max Q Clear Time (g_c+I1), s	6.3		7.3	7.0	17.8
Green Ext Time (p_c), s	7.2		0.8	1.0	11.5

Intersection Summary	
HCM 6th Ctrl Delay	14.1
HCM 6th LOS	B

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	33

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	104	543	0	0	547	23	0	0	0	24	0	231
Future Vol, veh/h	104	543	0	0	547	23	0	0	0	24	0	231
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	315	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	69	69	69	93	93	93	54	54	54
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	116	603	0	0	793	33	0	0	0	44	0	428

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	826	0	0	603	0	0	1232	1661	302	1344	1645	413
Stage 1	-	-	-	-	-	-	835	835	-	810	810	-
Stage 2	-	-	-	-	-	-	397	826	-	534	835	-
Critical Hdwy	4.16	-	-	4.16	-	-	7.56	6.56	6.96	7.56	6.56	6.96
Critical Hdwy Stg 1	-	-	-	-	-	-	6.56	5.56	-	6.56	5.56	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.56	5.56	-	6.56	5.56	-
Follow-up Hdwy	2.23	-	-	2.23	-	-	3.53	4.03	3.33	3.53	4.03	3.33
Pot Cap-1 Maneuver	794	-	-	964	-	-	132	95	691	109	98	585
Stage 1	-	-	-	-	-	-	326	379	-	338	389	-
Stage 2	-	-	-	-	-	-	597	382	-	495	379	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	794	-	-	964	-	-	32	81	691	97	84	585
Mov Cap-2 Maneuver	-	-	-	-	-	-	32	81	-	97	84	-
Stage 1	-	-	-	-	-	-	278	324	-	289	389	-
Stage 2	-	-	-	-	-	-	160	382	-	423	324	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.7	0	0	138.4
HCM LOS			A	F

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	794	-	-	964	-	-	397
HCM Lane V/C Ratio	-	0.146	-	-	-	-	-	1.189
HCM Control Delay (s)	0	10.3	-	-	0	-	-	138.4
HCM Lane LOS	A	B	-	-	A	-	-	F
HCM 95th %tile Q(veh)	-	0.5	-	-	0	-	-	18.8

1: E Kettleman Ln & S Cherokee Ln Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.9	0.6	2.9	0.0	0.0	0.0	3.1	0.2	0.3	2.9	0.3	3.0
Total Del/Veh (s)	44.4	29.8	5.5	41.9	21.7	31.6	63.6	35.7	23.9	50.6	34.6	7.4
Vehicles Entered	49	135	32	32	206	35	58	105	25	49	96	40
Vehicles Exited	47	137	32	32	208	37	60	104	26	49	96	40
Hourly Exit Rate	188	548	128	128	832	148	240	416	104	196	384	160
Input Volume	206	532	127	145	933	146	218	434	87	185	384	163
% of Volume	91	103	101	88	89	101	110	96	120	106	100	98

1: E Kettleman Ln & S Cherokee Ln Performance by movement

Movement	All
Denied Del/Veh (s)	0.9
Total Del/Veh (s)	32.1
Vehicles Entered	862
Vehicles Exited	868
Hourly Exit Rate	3472
Input Volume	3560
% of Volume	98

2: SR-99 SB On/SR-99 SB Off Performance by movement

Movement	EBT	EBR	WBL	WBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.2	0.4	0.2	1.1	1.0	3.6	0.7
Total Del/Veh (s)	26.9	18.9	29.5	7.1	41.7	31.6	13.1	19.9
Vehicles Entered	187	61	114	188	28	2	84	664
Vehicles Exited	180	61	111	188	29	1	85	655
Hourly Exit Rate	720	244	444	752	116	4	340	2620
Input Volume	714	248	508	906	120	6	318	2820
% of Volume	101	98	87	83	97	67	107	93

3: SR-99 NB Off/SR-99 NB On Performance by movement

Movement	EBL	EBT	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.1	0.0	0.7	2.2	0.9		3.5	0.9
Total Del/Veh (s)	44.2	5.6	20.1	18.9	44.5		12.9	19.2
Vehicles Entered	59	161	264	42	35	0	77	638
Vehicles Exited	57	160	259	41	34	0	77	628
Hourly Exit Rate	228	640	1036	164	136	0	308	2512
Input Volume	240	646	1226	178	145	1	307	2743
% of Volume	95	99	85	92	94	0	100	92

4: Beckman Rd & E Kettleman Ln Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.8	0.0	0.2	17.9	1.0
Total Del/Veh (s)	32.0	1.5	0.6	16.4	20.9	23.6	9.9	177.9	19.1
Vehicles Entered	39	198	4	53	293	6	41	19	653
Vehicles Exited	36	197	4	52	284	6	40	11	630
Hourly Exit Rate	144	788	16	208	1136	24	160	44	2520
Input Volume	159	791	19	223	1285	23	168	66	2734
% of Volume	91	100	84	93	88	104	95	67	92

5: E Kettleman Ln & Beckman Rd Performance by movement

Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	6.9	6.6	1.4
Total Del/Veh (s)	25.9	31.4	5.8	25.3	25.9	35.1	33.5	23.1
Vehicles Entered	2	71	165	254	32	39	102	665
Vehicles Exited	2	68	164	248	31	37	96	646
Hourly Exit Rate	8	272	656	992	124	148	384	2584
Input Volume	9	296	654	1101	131	161	406	2758
% of Volume	89	92	100	90	95	92	95	94

6: E Kettleman Ln & Pixley Pkwy Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.1	2.6	3.6	0.9
Total Del/Veh (s)	7.6	1.2	1.0	0.7	71.1	56.9	14.9
Vehicles Entered	32	167	192	6	14	108	519
Vehicles Exited	32	167	189	5	11	93	497
Hourly Exit Rate	128	668	756	20	44	372	1988
Input Volume	116	693	793	33	44	428	2107
% of Volume	110	96	95	61	100	87	94

Total Network Performance

Denied Del/Veh (s)	2.8
Total Del/Veh (s)	60.0
Vehicles Entered	1422
Vehicles Exited	1344
Hourly Exit Rate	5376
Input Volume	21917
% of Volume	25

Intersection: 1: E Kettleman Ln & S Cherokee Ln

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	UL	L	T	T	R	UL	T	TR	UL	T	TR	UL
Maximum Queue (ft)	143	174	262	205	51	166	265	295	154	394	297	228
Average Queue (ft)	45	117	182	134	29	102	167	210	138	235	185	148
95th Queue (ft)	144	181	284	227	51	177	250	296	176	433	332	247
Link Distance (ft)			438	438			466	466		436	436	
Upstream Blk Time (%)										1		
Queuing Penalty (veh)										0		
Storage Bay Dist (ft)	300	300			155	300			130			140
Storage Blk Time (%)			0	1			0		33	9		15
Queuing Penalty (veh)			0	2			0		72	19		29

Intersection: 1: E Kettleman Ln & S Cherokee Ln

Movement	SB	SB	SB
Directions Served	T	T	R
Maximum Queue (ft)	187	183	86
Average Queue (ft)	134	115	52
95th Queue (ft)	196	195	89
Link Distance (ft)	880	880	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			400
Storage Blk Time (%)	6		
Queuing Penalty (veh)	11		

Intersection: 2: SR-99 SB On/SR-99 SB Off

Movement	EB	EB	WB	WB	SB	SB
Directions Served	T	TR	L	T	LT	R
Maximum Queue (ft)	357	301	295	271	134	172
Average Queue (ft)	248	196	230	124	88	103
95th Queue (ft)	386	317	326	277	145	190
Link Distance (ft)	466	466	282	282	814	
Upstream Blk Time (%)			5	0		
Queuing Penalty (veh)			32	3		
Storage Bay Dist (ft)						470
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 3: SR-99 NB Off/SR-99 NB On

Movement	EB	EB	EB	WB	WB	NB	NB
Directions Served	L	T	T	T	TR	LT	R
Maximum Queue (ft)	224	173	128	231	240	187	160
Average Queue (ft)	150	72	49	178	204	106	87
95th Queue (ft)	238	185	134	286	288	199	159
Link Distance (ft)		282	282	206	206	801	
Upstream Blk Time (%)				12	27		
Queuing Penalty (veh)				82	185		
Storage Bay Dist (ft)	250						500
Storage Blk Time (%)	0						
Queuing Penalty (veh)	1						

Intersection: 4: Beckman Rd & E Kettleman Ln

Movement	EB	EB	EB	WB	WB	WB	NB	SB
Directions Served	UL	T	TR	UL	T	TR	R	R
Maximum Queue (ft)	126	82	40	124	388	372	86	220
Average Queue (ft)	78	23	0	76	188	233	54	111
95th Queue (ft)	145	132	5	135	439	464	89	248
Link Distance (ft)		206	206		383	383	291	246
Upstream Blk Time (%)		2			2	4		15
Queuing Penalty (veh)		8			12	29		0
Storage Bay Dist (ft)	140			100				
Storage Blk Time (%)	5	0		1	9			
Queuing Penalty (veh)	19	0		8	19			

Intersection: 5: E Kettleman Ln & Beckman Rd

Movement	EB	EB	EB	EB	WB	WB	SB	SB
Directions Served	UL	L	T	T	T	TR	L	R
Maximum Queue (ft)	143	150	158	121	342	340	207	289
Average Queue (ft)	83	107	66	70	217	255	112	188
95th Queue (ft)	155	164	155	129	369	376	226	361
Link Distance (ft)			383	383	656	656		349
Upstream Blk Time (%)								12
Queuing Penalty (veh)								0
Storage Bay Dist (ft)	150	150					230	
Storage Blk Time (%)	0	2	0				0	16
Queuing Penalty (veh)	1	6	1				0	26

Intersection: 6: E Kettleman Ln & Pixley Pkwy

Movement	EB	WB	SB
Directions Served	L	TR	LTR
Maximum Queue (ft)	70	3	448
Average Queue (ft)	32	0	278
95th Queue (ft)	65	5	581
Link Distance (ft)		844	699
Upstream Blk Time (%)			7
Queuing Penalty (veh)			0
Storage Bay Dist (ft)	315		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 563

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (veh/h)	2	118	446	69	31	75	428	82	2	159	191	96
Future Volume (veh/h)	2	118	446	69	31	75	428	82	2	159	191	96
Initial Q (Qb), veh		0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach			No				No				No	
Adj Sat Flow, veh/h/ln		1796	1796	1796		1796	1796	1796		1796	1796	1796
Adj Flow Rate, veh/h		127	480	17		81	460	75		171	205	47
Peak Hour Factor		0.93	0.93	0.93		0.93	0.93	0.93		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7		7	7	7		7	7	7
Cap, veh/h		265	945	421		112	773	125		224	463	104
Arrive On Green		0.08	0.28	0.28		0.07	0.26	0.26		0.13	0.17	0.17
Sat Flow, veh/h		3319	3413	1522		1711	2940	477		1711	2768	621
Grp Volume(v), veh/h		127	480	17		81	266	269		171	125	127
Grp Sat Flow(s),veh/h/ln		1659	1706	1522		1711	1706	1710		1711	1706	1683
Q Serve(g_s), s		1.9	6.3	0.4		2.5	7.2	7.3		5.1	3.5	3.6
Cycle Q Clear(g_c), s		1.9	6.3	0.4		2.5	7.2	7.3		5.1	3.5	3.6
Prop In Lane		1.00		1.00		1.00		0.28		1.00		0.37
Lane Grp Cap(c), veh/h		265	945	421		112	448	450		224	286	282
V/C Ratio(X)		0.48	0.51	0.04		0.72	0.59	0.60		0.76	0.44	0.45
Avail Cap(c_a), veh/h		1251	2573	1148		645	1287	1290		645	965	952
HCM Platoon Ratio		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Uniform Delay (d), s/veh		23.4	16.1	14.0		24.3	17.1	17.1		22.3	19.8	19.9
Incr Delay (d2), s/veh		1.5	0.5	0.1		9.4	1.6	1.6		6.0	1.4	1.6
Initial Q Delay(d3),s/veh		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		0.8	2.2	0.1		1.2	2.7	2.8		2.3	1.4	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		24.9	16.7	14.1		33.7	18.7	18.8		28.3	21.3	21.5
LnGrp LOS		C	B	B		C	B	B		C	C	C
Approach Vol, veh/h			624				616				423	
Approach Delay, s/veh			18.3				20.7				24.2	
Approach LOS			B				C				C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.2	20.1	11.6	13.1	8.9	19.3	10.1	14.7
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 20	40.0	* 20	* 30	* 20	40.0	* 20	30.0
Max Q Clear Time (g_c+I1), s	4.5	8.3	7.1	4.6	3.9	9.3	6.0	5.6
Green Ext Time (p_c), s	0.2	4.6	0.4	1.5	0.4	4.6	0.3	2.0

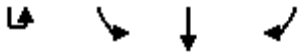
Intersection Summary	
HCM 6th Ctrl Delay	21.4
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBU	SBL	SBT	SBR
Lane Configurations				
Traffic Volume (veh/h)	8	123	172	80
Future Volume (veh/h)	8	123	172	80
Initial Q (Qb), veh		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00
Work Zone On Approach			No	
Adj Sat Flow, veh/h/ln		1796	1796	1796
Adj Flow Rate, veh/h		132	185	21
Peak Hour Factor		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7
Cap, veh/h		174	472	210
Arrive On Green		0.10	0.14	0.14
Sat Flow, veh/h		1711	3413	1519
Grp Volume(v), veh/h		132	185	21
Grp Sat Flow(s),veh/h/ln		1711	1706	1519
Q Serve(g_s), s		4.0	2.6	0.6
Cycle Q Clear(g_c), s		4.0	2.6	0.6
Prop In Lane		1.00		1.00
Lane Grp Cap(c), veh/h		174	472	210
V/C Ratio(X)		0.76	0.39	0.10
Avail Cap(c_a), veh/h		648	1930	859
HCM Platoon Ratio		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00
Uniform Delay (d), s/veh		23.2	20.8	20.0
Incr Delay (d2), s/veh		7.4	0.7	0.3
Initial Q Delay(d3),s/veh		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		1.8	1.0	0.2
Unsig. Movement Delay, s/veh				
LnGrp Delay(d),s/veh		30.6	21.5	20.2
LnGrp LOS		C	C	C
Approach Vol, veh/h			338	
Approach Delay, s/veh			25.0	
Approach LOS			C	
Timer - Assigned Phs				



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	534	171	226	445	0	0	0	0	146	1	190
Future Volume (veh/h)	0	534	171	226	445	0	0	0	0	146	1	190
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1781	1781	1781	1781	0				1781	1781	1781
Adj Flow Rate, veh/h	0	580	157	246	484	0				159	1	23
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	8	8	8	8	0				8	8	8
Cap, veh/h	0	909	245	319	1137	0				233	1	209
Arrive On Green	0.00	0.34	0.34	0.19	0.64	0.00				0.14	0.14	0.14
Sat Flow, veh/h	0	2724	711	1697	1781	0				1687	11	1510
Grp Volume(v), veh/h	0	372	365	246	484	0				160	0	23
Grp Sat Flow(s),veh/h/ln	0	1692	1653	1697	1781	0				1697	0	1510
Q Serve(g_s), s	0.0	8.4	8.5	6.3	6.2	0.0				4.1	0.0	0.6
Cycle Q Clear(g_c), s	0.0	8.4	8.5	6.3	6.2	0.0				4.1	0.0	0.6
Prop In Lane	0.00		0.43	1.00		0.00				0.99		1.00
Lane Grp Cap(c), veh/h	0	584	570	319	1137	0				235	0	209
V/C Ratio(X)	0.00	0.64	0.64	0.77	0.43	0.00				0.68	0.00	0.11
Avail Cap(c_a), veh/h	0	1484	1450	1116	1562	0				1116	0	993
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	12.5	12.6	17.6	4.1	0.0				18.7	0.0	17.2
Incr Delay (d2), s/veh	0.0	1.2	1.2	4.0	0.3	0.0				1.3	0.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.8	2.7	2.5	1.2	0.0				1.5	0.0	0.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	13.7	13.8	21.5	4.4	0.0				20.0	0.0	17.3
LnGrp LOS	A	B	B	C	A	A				C	A	B
Approach Vol, veh/h		737			730						183	
Approach Delay, s/veh		13.7			10.1						19.7	
Approach LOS		B			B						B	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	13.4	21.1		11.1		34.5
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 30	40.0		* 30		40.0
Max Q Clear Time (g_c+I1), s	8.3	10.5		6.1		8.2
Green Ext Time (p_c), s	0.7	5.3		0.6		3.4

Intersection Summary	
HCM 6th Ctrl Delay	12.8
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	176	504	0	0	577	147	94	3	320	0	0	0
Future Volume (veh/h)	176	504	0	0	577	147	94	3	320	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		0.99			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1781	1781	0	0	1781	1781	1781	1781	1781			
Adj Flow Rate, veh/h	196	560	0	0	641	142	104	3	47			
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90			
Percent Heavy Veh, %	8	8	0	0	8	8	8	8	8			
Cap, veh/h	261	2138	0	0	997	220	230	7	209			
Arrive On Green	0.15	0.63	0.00	0.00	0.36	0.36	0.14	0.14	0.14			
Sat Flow, veh/h	1697	3474	0	0	2832	607	1651	48	1502			
Grp Volume(v), veh/h	196	560	0	0	395	388	107	0	47			
Grp Sat Flow(s),veh/h/ln	1697	1692	0	0	1692	1657	1699	0	1502			
Q Serve(g_s), s	4.6	3.1	0.0	0.0	8.1	8.2	2.4	0.0	1.2			
Cycle Q Clear(g_c), s	4.6	3.1	0.0	0.0	8.1	8.2	2.4	0.0	1.2			
Prop In Lane	1.00		0.00	0.00		0.37	0.97		1.00			
Lane Grp Cap(c), veh/h	261	2138	0	0	615	602	237	0	209			
V/C Ratio(X)	0.75	0.26	0.00	0.00	0.64	0.64	0.45	0.00	0.22			
Avail Cap(c_a), veh/h	1215	2424	0	0	1212	1186	1217	0	1075			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	17.0	3.4	0.0	0.0	11.1	11.1	16.6	0.0	16.0			
Incr Delay (d2), s/veh	4.3	0.1	0.0	0.0	1.1	1.2	1.4	0.0	0.5			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	1.9	0.5	0.0	0.0	2.5	2.5	0.9	0.0	0.4			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	21.3	3.5	0.0	0.0	12.2	12.2	17.9	0.0	16.6			
LnGrp LOS	C	A	A	A	B	B	B	A	B			
Approach Vol, veh/h		756			783			154				
Approach Delay, s/veh		8.1			12.2			17.5				
Approach LOS		A			B			B				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		31.3			11.2	20.0		10.6				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 30			* 30	* 30		30.0				
Max Q Clear Time (g_c+I1), s		5.1			6.6	10.2		4.4				
Green Ext Time (p_c), s		4.0			0.5	5.1		0.7				

Intersection Summary	
HCM 6th Ctrl Delay	10.9
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	2.4

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations														
Traffic Vol, veh/h	13	156	473	182	1	36	635	23	0	0	98	0	0	44
Future Vol, veh/h	13	156	473	182	1	36	635	23	0	0	98	0	0	44
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	-	None	-	-	-	None	-	-	None	-	-	None
Storage Length	-	140	-	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Grade, %	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	86	86	86	86	86	86	86	86	86	86	86	86	86	86
Heavy Vehicles, %	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Mvmt Flow	15	181	550	212	1	42	738	27	0	0	114	0	0	51

Major/Minor	Major1				Major2				Minor1			Minor2		
Conflicting Flow All	765	765	0	0	762	762	0	0	-	-	381	-	-	383
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	6.56	4.26	-	-	6.56	4.26	-	-	-	-	7.06	-	-	7.06
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.58	2.28	-	-	2.58	2.28	-	-	-	-	3.38	-	-	3.38
Pot Cap-1 Maneuver	450	806	-	-	452	808	-	-	0	0	600	0	0	598
Stage 1	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %			-	-			-	-						
Mov Cap-1 Maneuver	752	752	-	-	784	784	-	-	-	-	600	-	-	598
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.4	0.5	12.4	11.6
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	600	752	-	-	784	-	-	598
HCM Lane V/C Ratio	0.19	0.261	-	-	0.055	-	-	0.086
HCM Control Delay (s)	12.4	11.5	-	-	9.9	-	-	11.6
HCM Lane LOS	B	B	-	-	A	-	-	B
HCM 95th %tile Q(veh)	0.7	1	-	-	0.2	-	-	0.3



Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	25	232	240	75	83	264	38	244	34	68	24	45
Future Volume (veh/h)	25	232	240	75	83	264	38	244	34	68	24	45
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1767	1767	1870	1870	1767	1767	1870	1870	1870	1767	1870
Adj Flow Rate, veh/h		280	289	37	90	318	24	265	37	22	29	49
Peak Hour Factor		0.83	0.83	0.92	0.92	0.83	0.83	0.92	0.92	0.92	0.83	0.92
Percent Heavy Veh, %		9	9	2	2	9	9	2	2	2	9	2
Cap, veh/h		421	746	95	132	645	288	332	389	330	57	99
Arrive On Green		0.13	0.25	0.25	0.07	0.19	0.19	0.19	0.21	0.21	0.03	0.05
Sat Flow, veh/h		3264	2997	380	1781	3357	1497	1781	1870	1585	1682	1870
Grp Volume(v), veh/h		280	161	165	90	318	24	265	37	22	29	49
Grp Sat Flow(s),veh/h/ln		1632	1678	1698	1781	1678	1497	1781	1870	1585	1682	1870
Q Serve(g_s), s		3.8	3.7	3.7	2.3	3.9	0.6	6.5	0.7	0.5	0.8	1.2
Cycle Q Clear(g_c), s		3.8	3.7	3.7	2.3	3.9	0.6	6.5	0.7	0.5	0.8	1.2
Prop In Lane		1.00		0.22	1.00		1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		421	418	423	132	645	288	332	389	330	57	99
V/C Ratio(X)		0.67	0.38	0.39	0.68	0.49	0.08	0.80	0.10	0.07	0.51	0.50
Avail Cap(c_a), veh/h		668	1227	1241	194	2067	922	519	732	621	183	354
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		19.1	14.3	14.4	20.7	16.6	15.2	17.9	14.7	14.6	21.8	21.2
Incr Delay (d2), s/veh		1.8	0.8	0.8	6.0	0.8	0.2	4.7	0.1	0.1	7.0	8.0
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		1.4	1.3	1.3	1.1	1.4	0.2	2.8	0.3	0.2	0.4	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		20.9	15.2	15.2	26.7	17.4	15.4	22.6	14.8	14.7	28.8	29.2
LnGrp LOS		C	B	B	C	B	B	C	B	B	C	C
Approach Vol, veh/h			606			432			324			102
Approach Delay, s/veh			17.8			19.2			21.1			28.2
Approach LOS			B			B			C			C

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	7.9	17.1	13.2	7.7	10.5	14.5	6.0	14.9
Change Period (Y+Rc), s	4.5	* 5.7	4.6	5.3	4.6	5.7	4.5	* 5.3
Max Green Setting (Gmax), s	5.0	* 34	13.4	8.7	9.4	28.3	5.0	* 18
Max Q Clear Time (g_c+I1), s	4.3	5.7	8.5	3.2	5.8	5.9	2.8	2.7
Green Ext Time (p_c), s	0.0	2.8	0.3	0.2	0.3	2.9	0.0	0.1

Intersection Summary	
HCM 6th Ctrl Delay	19.7
HCM 6th LOS	B

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	140
Future Volume (veh/h)	140
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1767
Adj Flow Rate, veh/h	24
Peak Hour Factor	0.83
Percent Heavy Veh, %	9
Cap, veh/h	79
Arrive On Green	0.05
Sat Flow, veh/h	1497
Grp Volume(v), veh/h	24
Grp Sat Flow(s),veh/h/ln	1497
Q Serve(g_s), s	0.7
Cycle Q Clear(g_c), s	0.7
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	79
V/C Ratio(X)	0.30
Avail Cap(c_a), veh/h	283
HCM Platoon Ratio	1.00
Upstream Filter(I)	1.00
Uniform Delay (d), s/veh	21.0
Incr Delay (d2), s/veh	4.5
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	0.3
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	25.5
LnGrp LOS	C
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	

Intersection	
Int Delay, s/veh	2.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	124	233	0	0	352	13	0	0	0	5	0	59
Future Vol, veh/h	124	233	0	0	352	13	0	0	0	5	0	59
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	315	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	135	253	0	0	383	14	0	0	0	5	0	64

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	397	0	0	253	0	0	715	920	127	787	913	199
Stage 1	-	-	-	-	-	-	523	523	-	390	390	-
Stage 2	-	-	-	-	-	-	192	397	-	397	523	-
Critical Hdwy	4.14	-	-	4.14	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1158	-	-	1309	-	-	318	269	900	282	272	809
Stage 1	-	-	-	-	-	-	505	529	-	606	606	-
Stage 2	-	-	-	-	-	-	791	602	-	600	529	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1158	-	-	1309	-	-	266	238	900	257	240	809
Mov Cap-2 Maneuver	-	-	-	-	-	-	266	238	-	257	240	-
Stage 1	-	-	-	-	-	-	446	467	-	535	606	-
Stage 2	-	-	-	-	-	-	728	602	-	530	467	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	3	0	0	10.8
HCM LOS			A	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1158	-	-	1309	-	-	693
HCM Lane V/C Ratio	-	0.116	-	-	-	-	-	0.1
HCM Control Delay (s)	0	8.5	-	-	0	-	-	10.8
HCM Lane LOS	A	A	-	-	A	-	-	B
HCM 95th %tile Q(veh)	-	0.4	-	-	0	-	-	0.3

Intersection	
Int Delay, s/veh	2.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	4	2	96	4	95	123
Future Vol, veh/h	4	2	96	4	95	123
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	2	104	4	103	134

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	446	106	0	0	108	0
Stage 1	106	-	-	-	-	-
Stage 2	340	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	570	948	-	-	1483	-
Stage 1	918	-	-	-	-	-
Stage 2	721	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	527	948	-	-	1483	-
Mov Cap-2 Maneuver	527	-	-	-	-	-
Stage 1	918	-	-	-	-	-
Stage 2	667	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10.9	0	3.3
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	619	1483	-
HCM Lane V/C Ratio	-	-	0.011	0.07	-
HCM Control Delay (s)	-	-	10.9	7.6	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0.2	-

Intersection	
Int Delay, s/veh	2.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	100	0	72	55
Future Vol, veh/h	0	0	100	0	72	55
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	109	0	78	60

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	325	109	0	0	109	0
Stage 1	109	-	-	-	-	-
Stage 2	216	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	669	945	-	-	1481	-
Stage 1	916	-	-	-	-	-
Stage 2	820	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	633	945	-	-	1481	-
Mov Cap-2 Maneuver	633	-	-	-	-	-
Stage 1	916	-	-	-	-	-
Stage 2	776	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	4.3
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	-	1481	-
HCM Lane V/C Ratio	-	-	-	0.053	-
HCM Control Delay (s)	-	-	0	7.6	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	-	0.2	-

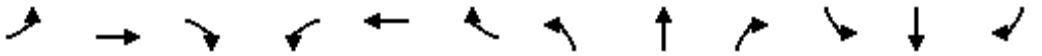
Intersection	
Int Delay, s/veh	7.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	346	0	0	0	0	203
Future Vol, veh/h	346	0	0	0	0	203
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	376	0	0	0	0	221

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	111	111	221	0	-	0
Stage 1	111	-	-	-	-	-
Stage 2	0	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	886	942	1348	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	886	942	1348	-	-	-
Mov Cap-2 Maneuver	886	-	-	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1348	-	886	-	-	-
HCM Lane V/C Ratio	-	-	0.424	-	-	-
HCM Control Delay (s)	0	-	12	0	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0	-	2.1	-	-	-



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	204	557	126	162	565	163	216	430	107	204	380	161
Future Volume (veh/h)	204	557	126	162	565	163	216	430	107	204	380	161
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	206	563	35	164	571	144	218	434	91	206	384	35
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	310	919	410	207	801	201	264	634	132	252	744	331
Arrive On Green	0.09	0.26	0.26	0.12	0.29	0.29	0.15	0.22	0.22	0.14	0.21	0.21
Sat Flow, veh/h	3428	3526	1572	1767	2790	702	1767	2904	604	1767	3526	1570
Grp Volume(v), veh/h	206	563	35	164	360	355	218	262	263	206	384	35
Grp Sat Flow(s),veh/h/ln	1714	1763	1572	1767	1763	1729	1767	1763	1746	1767	1763	1570
Q Serve(g_s), s	4.6	11.1	1.3	7.1	14.4	14.5	9.4	10.7	10.9	8.9	7.6	1.4
Cycle Q Clear(g_c), s	4.6	11.1	1.3	7.1	14.4	14.5	9.4	10.7	10.9	8.9	7.6	1.4
Prop In Lane	1.00		1.00	1.00		0.41	1.00		0.35	1.00		1.00
Lane Grp Cap(c), veh/h	310	919	410	207	506	496	264	385	381	252	744	331
V/C Ratio(X)	0.66	0.61	0.09	0.79	0.71	0.72	0.82	0.68	0.69	0.82	0.52	0.11
Avail Cap(c_a), veh/h	871	1792	799	449	896	879	449	672	666	451	1344	599
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	34.6	25.6	22.0	33.8	25.1	25.2	32.5	28.3	28.3	32.7	27.5	25.0
Incr Delay (d2), s/veh	2.7	0.9	0.1	7.5	2.4	2.5	7.1	2.9	3.1	7.2	0.7	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.0	4.6	0.5	3.4	6.1	6.0	4.4	4.7	4.7	4.2	3.2	0.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	37.4	26.5	22.1	41.3	27.5	27.7	39.6	31.2	31.4	39.9	28.2	25.2
LnGrp LOS	D	C	C	D	C	C	D	C	C	D	C	C
Approach Vol, veh/h		804			879			743			625	
Approach Delay, s/veh		29.1			30.2			33.7			31.9	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	13.9	25.9	16.5	22.4	11.8	28.0	15.9	23.0
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 20	40.0	* 20	* 30	* 20	40.0	* 20	30.0
Max Q Clear Time (g_c+I1), s	9.1	13.1	11.4	9.6	6.6	16.5	10.9	12.9
Green Ext Time (p_c), s	0.4	5.4	0.5	3.2	0.6	6.1	0.4	4.0

Intersection Summary	
HCM 6th Ctrl Delay	31.1
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	679	211	345	651	0	0	0	0	118	5	270
Future Volume (veh/h)	0	679	211	345	651	0	0	0	0	118	5	270
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1841	1841	1841	1841	0				1841	1841	1841
Adj Flow Rate, veh/h	0	799	219	531	1002	0				139	6	245
Peak Hour Factor	0.85	0.85	0.85	0.65	0.65	0.65				0.85	0.85	0.85
Percent Heavy Veh, %	0	4	4	4	4	0				4	4	4
Cap, veh/h	0	944	259	558	1316	0				307	13	284
Arrive On Green	0.00	0.35	0.35	0.32	0.71	0.00				0.18	0.18	0.18
Sat Flow, veh/h	0	2804	743	1753	1841	0				1684	73	1560
Grp Volume(v), veh/h	0	515	503	531	1002	0				145	0	245
Grp Sat Flow(s),veh/h/ln	0	1749	1707	1753	1841	0				1757	0	1560
Q Serve(g_s), s	0.0	26.9	27.0	29.3	33.7	0.0				7.3	0.0	15.1
Cycle Q Clear(g_c), s	0.0	26.9	27.0	29.3	33.7	0.0				7.3	0.0	15.1
Prop In Lane	0.00		0.44	1.00		0.00				0.96		1.00
Lane Grp Cap(c), veh/h	0	609	594	558	1316	0				320	0	284
V/C Ratio(X)	0.00	0.85	0.85	0.95	0.76	0.00				0.45	0.00	0.86
Avail Cap(c_a), veh/h	0	609	594	567	1316	0				710	0	630
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.72	0.72	0.37	0.37	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	29.8	29.8	33.0	8.8	0.0				36.1	0.0	39.3
Incr Delay (d2), s/veh	0.0	10.2	10.4	13.3	1.6	0.0				0.4	0.0	3.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	12.7	12.4	14.2	11.5	0.0				3.1	0.0	5.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	40.0	40.2	46.3	10.4	0.0				36.5	0.0	42.3
LnGrp LOS	A	D	D	D	B	A				D	A	D
Approach Vol, veh/h		1018			1533						390	
Approach Delay, s/veh		40.1			22.8						40.1	
Approach LOS		D			C						D	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	36.3	39.9		22.8		76.2
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 32	12.0		* 40		49.0
Max Q Clear Time (g_c+I1), s	31.3	29.0		17.1		35.7
Green Ext Time (p_c), s	0.2	0.0		0.9		6.6

Intersection Summary	
HCM 6th Ctrl Delay	31.1
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	192	605	0	0	874	131	122	1	275	0	0	0
Future Volume (veh/h)	192	605	0	0	874	131	122	1	275	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		0.99			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1841	1841	0	0	1841	1841	1841	1841	1841			
Adj Flow Rate, veh/h	240	756	0	0	1345	190	145	1	58			
Peak Hour Factor	0.80	0.80	0.80	0.65	0.65	0.65	0.84	0.84	0.84			
Percent Heavy Veh, %	4	4	0	0	4	4	4	4	4			
Cap, veh/h	279	2786	0	0	1809	253	187	1	166			
Arrive On Green	0.16	0.80	0.00	0.00	0.59	0.59	0.11	0.11	0.11			
Sat Flow, veh/h	1753	3589	0	0	3163	430	1742	12	1547			
Grp Volume(v), veh/h	240	756	0	0	760	775	146	0	58			
Grp Sat Flow(s),veh/h/ln	1753	1749	0	0	1749	1753	1754	0	1547			
Q Serve(g_s), s	13.3	5.6	0.0	0.0	31.6	32.5	8.1	0.0	3.5			
Cycle Q Clear(g_c), s	13.3	5.6	0.0	0.0	31.6	32.5	8.1	0.0	3.5			
Prop In Lane	1.00		0.00	0.00		0.25	0.99		1.00			
Lane Grp Cap(c), veh/h	279	2786	0	0	1030	1032	189	0	166			
V/C Ratio(X)	0.86	0.27	0.00	0.00	0.74	0.75	0.77	0.00	0.35			
Avail Cap(c_a), veh/h	579	2786	0	0	1030	1032	368	0	325			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.09	0.09	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	40.9	2.6	0.0	0.0	14.9	15.1	43.4	0.0	41.4			
Incr Delay (d2), s/veh	0.8	0.0	0.0	0.0	4.7	5.0	6.6	0.0	1.2			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	5.7	1.3	0.0	0.0	12.8	13.3	3.8	0.0	1.4			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	41.7	2.7	0.0	0.0	19.7	20.1	50.1	0.0	42.6			
LnGrp LOS	D	A	A	A	B	C	D	A	D			
Approach Vol, veh/h		996			1535			204				
Approach Delay, s/veh		12.1			19.9			48.0				
Approach LOS		B			B			D				

Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		84.4			20.7	63.7		15.6				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 69			* 33	* 31		21.0				
Max Q Clear Time (g_c+I1), s		7.6			15.3	34.5		10.1				
Green Ext Time (p_c), s		6.5			0.6	0.0		0.7				

Intersection Summary		
HCM 6th Ctrl Delay	19.1	
HCM 6th LOS	B	

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	127	639	114	145	927	15	0	0	131	0	0	47
Future Vol, veh/h	127	639	114	145	927	15	0	0	131	0	0	47
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	140	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	80	80	80	65	65	65	77	77	77	71	71	71
Heavy Vehicles, %	4	4	4	4	4	4	4	4	4	4	4	4
Mvmt Flow	159	799	143	223	1426	23	0	0	170	0	0	66

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1449	0	0	942	0	0	-	-	471	-	-	725
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.18	-	-	4.18	-	-	-	-	6.98	-	-	6.98
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.24	-	-	2.24	-	-	-	-	3.34	-	-	3.34
Pot Cap-1 Maneuver	453	-	-	711	-	-	0	0	534	0	0	363
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	453	-	-	711	-	-	-	-	534	-	-	363
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.5	1.6	14.9	17.1
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	534	453	-	-	711	-	-	363
HCM Lane V/C Ratio	0.319	0.35	-	-	0.314	-	-	0.182
HCM Control Delay (s)	14.9	17.2	-	-	12.4	-	-	17.1
HCM Lane LOS	B	C	-	-	B	-	-	C
HCM 95th %tile Q(veh)	1.4	1.6	-	-	1.3	-	-	0.7



Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	7	216	472	75	84	629	78	181	31	67	117	45
Future Volume (veh/h)	7	216	472	75	84	629	78	181	31	67	117	45
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h		270	590	83	129	968	111	226	39	25	146	56
Peak Hour Factor		0.80	0.80	0.80	0.65	0.65	0.65	0.80	0.80	0.80	0.80	0.80
Percent Heavy Veh, %		4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h		385	1343	189	114	1353	603	272	216	183	193	149
Arrive On Green		0.11	0.44	0.44	0.07	0.39	0.39	0.15	0.12	0.12	0.11	0.08
Sat Flow, veh/h		3401	3079	432	1753	3497	1560	1753	1841	1560	1753	1841
Grp Volume(v), veh/h		270	334	339	129	968	111	226	39	25	146	56
Grp Sat Flow(s),veh/h/ln		1700	1749	1763	1753	1749	1560	1753	1841	1560	1753	1841
Q Serve(g_s), s		5.9	10.2	10.3	5.0	18.0	3.6	9.6	1.5	1.1	6.2	2.2
Cycle Q Clear(g_c), s		5.9	10.2	10.3	5.0	18.0	3.6	9.6	1.5	1.1	6.2	2.2
Prop In Lane		1.00		0.25	1.00		1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		385	763	769	114	1353	603	272	216	183	193	149
V/C Ratio(X)		0.70	0.44	0.44	1.13	0.72	0.18	0.83	0.18	0.14	0.76	0.37
Avail Cap(c_a), veh/h		1128	915	923	114	1794	800	444	762	646	451	521
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		32.7	15.1	15.1	35.8	19.9	15.5	31.4	30.5	30.3	33.1	33.3
Incr Delay (d2), s/veh		2.3	0.6	0.6	122.4	1.2	0.2	6.9	0.4	0.3	12.2	3.3
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		2.5	3.9	3.9	6.0	7.0	1.2	4.4	0.7	0.4	3.2	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		35.0	15.6	15.6	158.2	21.1	15.7	38.3	30.9	30.7	45.3	36.6
LnGrp LOS		D	B	B	F	C	B	D	C	C	D	D
Approach Vol, veh/h			943			1208			290			281
Approach Delay, s/veh			21.2			35.3			36.7			43.3
Approach LOS			C			D			D			D

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.5	39.1	16.5	11.5	13.3	35.3	13.7	14.3
Change Period (Y+Rc), s	4.5	* 5.7	4.6	5.3	4.6	5.7	5.3	* 5.3
Max Green Setting (Gmax), s	5.0	* 40	19.4	21.7	25.4	39.3	19.7	* 32
Max Q Clear Time (g_c+I1), s	7.0	12.3	11.6	5.8	7.9	20.0	8.2	3.5
Green Ext Time (p_c), s	0.0	6.5	0.4	0.8	0.8	9.7	0.6	0.2

Intersection Summary	
HCM 6th Ctrl Delay	31.4
HCM 6th LOS	C

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	239
Future Volume (veh/h)	239
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1841
Adj Flow Rate, veh/h	79
Peak Hour Factor	0.65
Percent Heavy Veh, %	4
Cap, veh/h	127
Arrive On Green	0.08
Sat Flow, veh/h	1560
Grp Volume(v), veh/h	79
Grp Sat Flow(s),veh/h/ln	1560
Q Serve(g_s), s	3.8
Cycle Q Clear(g_c), s	3.8
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	127
V/C Ratio(X)	0.62
Avail Cap(c_a), veh/h	442
HCM Platoon Ratio	1.00
Upstream Filter(I)	1.00
Uniform Delay (d), s/veh	34.1
Incr Delay (d2), s/veh	10.3
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	1.7
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	44.3
LnGrp LOS	D
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	

Intersection	
Int Delay, s/veh	36.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	105	551	0	0	556	23	0	0	0	24	0	235
Future Vol, veh/h	105	551	0	0	556	23	0	0	0	24	0	235
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	315	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	69	69	69	93	93	93	54	54	54
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	117	612	0	0	806	33	0	0	0	44	0	435

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	839	0	0	612	0	0	1249	1685	306	1363	1669	420
Stage 1	-	-	-	-	-	-	846	846	-	823	823	-
Stage 2	-	-	-	-	-	-	403	839	-	540	846	-
Critical Hdwy	4.16	-	-	4.16	-	-	7.56	6.56	6.96	7.56	6.56	6.96
Critical Hdwy Stg 1	-	-	-	-	-	-	6.56	5.56	-	6.56	5.56	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.56	5.56	-	6.56	5.56	-
Follow-up Hdwy	2.23	-	-	2.23	-	-	3.53	4.03	3.33	3.53	4.03	3.33
Pot Cap-1 Maneuver	785	-	-	956	-	-	128	92	687	106	94	579
Stage 1	-	-	-	-	-	-	321	374	-	332	384	-
Stage 2	-	-	-	-	-	-	592	377	-	491	374	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	785	-	-	956	-	-	28	78	687	94	80	579
Mov Cap-2 Maneuver	-	-	-	-	-	-	28	78	-	94	80	-
Stage 1	-	-	-	-	-	-	273	318	-	283	384	-
Stage 2	-	-	-	-	-	-	147	377	-	418	318	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.7	0	0	151.6
HCM LOS			A	F

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	785	-	-	956	-	-	392
HCM Lane V/C Ratio	-	0.149	-	-	-	-	-	1.224
HCM Control Delay (s)	0	10.4	-	-	0	-	-	151.6
HCM Lane LOS	A	B	-	-	A	-	-	F
HCM 95th %tile Q(veh)	-	0.5	-	-	0	-	-	20

Intersection	
Int Delay, s/veh	1.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	3	2	129	4	60	199
Future Vol, veh/h	3	2	129	4	60	199
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	2	140	4	65	216

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	488	142	0	0	144	0
Stage 1	142	-	-	-	-	-
Stage 2	346	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	539	906	-	-	1438	-
Stage 1	885	-	-	-	-	-
Stage 2	716	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	512	906	-	-	1438	-
Mov Cap-2 Maneuver	512	-	-	-	-	-
Stage 1	885	-	-	-	-	-
Stage 2	679	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10.9	0	1.8
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	620	1438	-
HCM Lane V/C Ratio	-	-	0.009	0.045	-
HCM Control Delay (s)	-	-	10.9	7.6	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0.1	-

Intersection	
Int Delay, s/veh	0.9

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	133	0	39	163
Future Vol, veh/h	0	0	133	0	39	163
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	145	0	42	177

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	406	145	0	0	145	0
Stage 1	145	-	-	-	-	-
Stage 2	261	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	601	902	-	-	1437	-
Stage 1	882	-	-	-	-	-
Stage 2	783	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	582	902	-	-	1437	-
Mov Cap-2 Maneuver	582	-	-	-	-	-
Stage 1	882	-	-	-	-	-
Stage 2	758	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	1.5
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	-	1437	-
HCM Lane V/C Ratio	-	-	-	0.029	-
HCM Control Delay (s)	-	-	0	7.6	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	-	0.1	-

Intersection	
Int Delay, s/veh	6.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	279	0	0	0	0	204
Future Vol, veh/h	279	0	0	0	0	204
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	303	0	0	0	0	222

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	111	111	222	0	-	0
Stage 1	111	-	-	-	-	-
Stage 2	0	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	886	942	1347	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	886	942	1347	-	-	-
Mov Cap-2 Maneuver	886	-	-	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.2	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1347	-	886	-	-	-
HCM Lane V/C Ratio	-	-	0.342	-	-	-
HCM Control Delay (s)	0	-	11.2	0	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0	-	1.5	-	-	-

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (veh/h)	2	125	440	70	31	175	410	230	2	165	280	410
Future Volume (veh/h)	2	125	440	70	31	175	410	230	2	165	280	410
Initial Q (Qb), veh		0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach			No				No				No	
Adj Sat Flow, veh/h/ln		1796	1796	1796		1796	1796	1796		1796	1796	1796
Adj Flow Rate, veh/h		134	473	9		188	441	189		177	301	227
Peak Hour Factor		0.93	0.93	0.93		0.93	0.93	0.93		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7		7	7	7		7	7	7
Cap, veh/h		206	608	271		224	577	245		215	360	264
Arrive On Green		0.06	0.18	0.18		0.13	0.25	0.25		0.13	0.19	0.19
Sat Flow, veh/h		3319	3413	1522		1711	2333	991		1711	1875	1377
Grp Volume(v), veh/h		134	473	9		188	321	309		177	273	255
Grp Sat Flow(s),veh/h/ln		1659	1706	1522		1711	1706	1618		1711	1706	1546
Q Serve(g_s), s		3.9	13.2	0.5		10.7	17.4	17.7		10.1	15.4	15.9
Cycle Q Clear(g_c), s		3.9	13.2	0.5		10.7	17.4	17.7		10.1	15.4	15.9
Prop In Lane		1.00		1.00		1.00		0.61		1.00		0.89
Lane Grp Cap(c), veh/h		206	608	271		224	422	400		215	327	296
V/C Ratio(X)		0.65	0.78	0.03		0.84	0.76	0.77		0.82	0.83	0.86
Avail Cap(c_a), veh/h		741	841	375		416	455	431		691	357	324
HCM Platoon Ratio		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Uniform Delay (d), s/veh		45.8	39.1	33.9		42.3	34.8	34.9		42.5	38.8	39.0
Incr Delay (d2), s/veh		3.9	3.7	0.1		9.0	7.4	8.3		8.5	15.4	19.9
Initial Q Delay(d3),s/veh		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		1.7	5.8	0.2		5.0	8.0	7.8		4.7	7.7	7.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		49.7	42.8	34.0		51.4	42.2	43.2		51.0	54.2	58.9
LnGrp LOS		D	D	C		D	D	D		D	D	E
Approach Vol, veh/h			616				818				705	
Approach Delay, s/veh			44.2				44.7				55.1	
Approach LOS			D				D				E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	17.8	23.2	17.3	41.6	10.9	30.1	33.9	24.9
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 24	24.6	* 40	* 21	* 22	26.6	* 40	20.9
Max Q Clear Time (g_c+I1), s	12.7	15.2	12.1	8.3	5.9	19.7	27.7	17.9
Green Ext Time (p_c), s	0.4	2.6	0.6	2.0	0.4	2.7	1.5	1.2

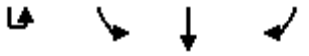
Intersection Summary	
HCM 6th Ctrl Delay	45.1
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBU	SBL	SBT	SBR
Lane Configurations				
Traffic Volume (veh/h)	8	425	285	85
Future Volume (veh/h)	8	425	285	85
Initial Q (Qb), veh		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00
Work Zone On Approach			No	
Adj Sat Flow, veh/h/ln		1796	1796	1796
Adj Flow Rate, veh/h		457	306	25
Peak Hour Factor		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7
Cap, veh/h		500	1223	545
Arrive On Green		0.29	0.36	0.36
Sat Flow, veh/h		1711	3413	1521
Grp Volume(v), veh/h		457	306	25
Grp Sat Flow(s),veh/h/ln		1711	1706	1521
Q Serve(g_s), s		25.7	6.3	1.1
Cycle Q Clear(g_c), s		25.7	6.3	1.1
Prop In Lane		1.00		1.00
Lane Grp Cap(c), veh/h		500	1223	545
V/C Ratio(X)		0.91	0.25	0.05
Avail Cap(c_a), veh/h		691	1223	545
HCM Platoon Ratio		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00
Uniform Delay (d), s/veh		34.1	22.6	20.9
Incr Delay (d2), s/veh		13.7	0.1	0.0
Initial Q Delay(d3),s/veh		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		12.3	2.5	0.4
Unsig. Movement Delay, s/veh				
LnGrp Delay(d),s/veh		47.8	22.7	20.9
LnGrp LOS		D	C	C
Approach Vol, veh/h			788	
Approach Delay, s/veh			37.2	
Approach LOS			D	
Timer - Assigned Phs				



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1020	290	415	645	0	0	0	0	135	0	220
Future Volume (veh/h)	0	1020	290	415	645	0	0	0	0	135	0	220
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1781	1781	1781	1781	0				1781	1781	1781
Adj Flow Rate, veh/h	0	1109	298	451	701	0				147	0	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	8	8	8	8	0				8	8	8
Cap, veh/h	0	1276	340	478	1437	0				178	0	158
Arrive On Green	0.00	0.48	0.48	0.28	0.81	0.00				0.10	0.00	0.10
Sat Flow, veh/h	0	2732	704	1697	1781	0				1697	0	1510
Grp Volume(v), veh/h	0	706	701	451	701	0				147	0	12
Grp Sat Flow(s),veh/h/ln	0	1692	1655	1697	1781	0				1697	0	1510
Q Serve(g_s), s	0.0	42.6	43.7	29.9	14.4	0.0				9.8	0.0	0.8
Cycle Q Clear(g_c), s	0.0	42.6	43.7	29.9	14.4	0.0				9.8	0.0	0.8
Prop In Lane	0.00		0.43	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	817	799	478	1437	0				178	0	158
V/C Ratio(X)	0.00	0.86	0.88	0.94	0.49	0.00				0.83	0.00	0.08
Avail Cap(c_a), veh/h	0	817	799	519	1437	0				328	0	291
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.44	0.44	0.52	0.52	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	26.4	26.7	40.4	3.5	0.0				50.5	0.0	46.5
Incr Delay (d2), s/veh	0.0	5.7	6.3	15.8	0.6	0.0				3.7	0.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	17.8	18.0	14.4	4.1	0.0				4.3	0.0	0.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	32.1	33.0	56.2	4.2	0.0				54.2	0.0	46.5
LnGrp LOS	A	C	C	E	A	A				D	A	D
Approach Vol, veh/h		1407			1152						159	
Approach Delay, s/veh		32.5			24.5						53.6	
Approach LOS		C			C						D	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	37.2	60.9		16.8		98.2
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 35	42.6		* 22		40.0
Max Q Clear Time (g_c+I1), s	31.9	45.7		11.8		16.4
Green Ext Time (p_c), s	0.5	0.0		0.4		5.3

Intersection Summary	
HCM 6th Ctrl Delay	30.4
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	235	920	0	0	935	140	130	5	355	0	0	0
Future Volume (veh/h)	235	920	0	0	935	140	130	5	355	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1781	1781	0	0	1781	1781	1781	1781	1781			
Adj Flow Rate, veh/h	255	1000	0	0	1016	142	141	5	293			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	8	8	0	0	8	8	8	8	8			
Cap, veh/h	285	2328	0	0	1409	197	361	13	330			
Arrive On Green	0.17	0.69	0.00	0.00	0.47	0.47	0.22	0.22	0.22			
Sat Flow, veh/h	1697	3474	0	0	3063	415	1641	58	1504			
Grp Volume(v), veh/h	255	1000	0	0	578	580	146	0	293			
Grp Sat Flow(s),veh/h/ln	1697	1692	0	0	1692	1696	1699	0	1504			
Q Serve(g_s), s	15.3	13.6	0.0	0.0	28.4	28.4	7.6	0.0	19.6			
Cycle Q Clear(g_c), s	15.3	13.6	0.0	0.0	28.4	28.4	7.6	0.0	19.6			
Prop In Lane	1.00		0.00	0.00		0.24	0.97		1.00			
Lane Grp Cap(c), veh/h	285	2328	0	0	802	804	374	0	330			
V/C Ratio(X)	0.90	0.43	0.00	0.00	0.72	0.72	0.39	0.00	0.89			
Avail Cap(c_a), veh/h	313	2328	0	0	802	804	484	0	428			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.10	0.10	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	42.4	7.2	0.0	0.0	21.8	21.9	34.6	0.0	39.3			
Incr Delay (d2), s/veh	3.6	0.1	0.0	0.0	5.5	5.6	0.7	0.0	16.3			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	6.6	4.4	0.0	0.0	12.1	12.1	3.2	0.0	8.7			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	46.0	7.2	0.0	0.0	27.4	27.4	35.3	0.0	55.6			
LnGrp LOS	D	A	A	A	C	C	D	A	E			
Approach Vol, veh/h		1255			1158			439				
Approach Delay, s/veh		15.1			27.4			48.9				
Approach LOS		B			C			D				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		76.3			22.2	54.1		27.7				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 65			* 19	* 41		29.6				
Max Q Clear Time (g_c+I1), s		15.6			17.3	30.4		21.6				
Green Ext Time (p_c), s		9.5			0.1	5.7		1.2				

Intersection Summary	
HCM 6th Ctrl Delay	25.3
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

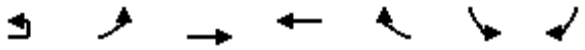
Intersection	
Int Delay, s/veh	3.1

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations														
Traffic Vol, veh/h	13	185	1035	40	1	90	975	30	0	0	155	0	0	55
Future Vol, veh/h	13	185	1035	40	1	90	975	30	0	0	155	0	0	55
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	-	None	-	-	-	None	-	-	None	-	-	None
Storage Length	-	140	-	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Grade, %	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Mvmt Flow	14	201	1125	43	1	98	1060	33	0	0	168	0	0	60

Major/Minor	Major1				Major2				Minor1			Minor2		
Conflicting Flow All	1092	1093	0	0	1168	1168	0	0	-	-	584	-	-	547
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	6.56	4.26	-	-	6.56	4.26	-	-	-	-	7.06	-	-	7.06
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.58	2.28	-	-	2.58	2.28	-	-	-	-	3.38	-	-	3.38
Pot Cap-1 Maneuver	275	600	-	-	245	561	-	-	0	0	440	0	0	466
Stage 1	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %			-	-			-	-						
Mov Cap-1 Maneuver	547	547	-	-	546	546	-	-	-	-	440	-	-	466
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.5	1.1	18.2	13.9
HCM LOS			C	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	440	547	-	-	546	-	-	466
HCM Lane V/C Ratio	0.383	0.393	-	-	0.181	-	-	0.128
HCM Control Delay (s)	18.2	15.8	-	-	13	-	-	13.9
HCM Lane LOS	C	C	-	-	B	-	-	B
HCM 95th %tile Q(veh)	1.8	1.9	-	-	0.7	-	-	0.4



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations							
Traffic Volume (veh/h)	25	550	620	835	90	40	215
Future Volume (veh/h)	25	550	620	835	90	40	215
Initial Q (Qb), veh		0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00			1.00	1.00	1.00
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No	No		No	
Adj Sat Flow, veh/h/ln		1767	1767	1767	1767	1767	1767
Adj Flow Rate, veh/h		625	705	949	93	45	11
Peak Hour Factor		0.88	0.88	0.88	0.88	0.88	0.88
Percent Heavy Veh, %		9	9	9	9	9	9
Cap, veh/h		810	2597	1384	136	68	61
Arrive On Green		0.25	0.77	0.45	0.45	0.04	0.04
Sat Flow, veh/h		3264	3445	3176	303	1682	1497
Grp Volume(v), veh/h		625	705	516	526	45	11
Grp Sat Flow(s),veh/h/ln		1632	1678	1678	1712	1682	1497
Q Serve(g_s), s		10.6	3.6	14.5	14.5	1.6	0.4
Cycle Q Clear(g_c), s		10.6	3.6	14.5	14.5	1.6	0.4
Prop In Lane		1.00			0.18	1.00	1.00
Lane Grp Cap(c), veh/h		810	2597	752	767	68	61
V/C Ratio(X)		0.77	0.27	0.69	0.69	0.66	0.18
Avail Cap(c_a), veh/h		1509	4027	1085	1106	531	472
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		20.7	1.9	13.0	13.0	28.0	27.5
Incr Delay (d2), s/veh		1.6	0.1	1.6	1.6	20.7	3.0
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		3.8	0.4	5.0	5.1	1.0	0.4
Unsig. Movement Delay, s/veh							
LnGrp Delay(d),s/veh		22.3	2.0	14.6	14.6	48.7	30.5
LnGrp LOS		C	A	B	B	D	C
Approach Vol, veh/h			1330	1042		56	
Approach Delay, s/veh			11.6	14.6		45.1	
Approach LOS			B	B		D	

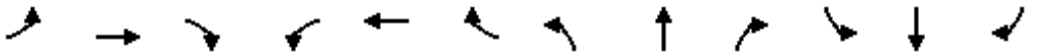
Timer - Assigned Phs	2		4	5	6
Phs Duration (G+Y+Rc), s	51.6		7.7	19.3	32.3
Change Period (Y+Rc), s	* 5.7		5.3	4.6	5.7
Max Green Setting (Gmax), s	* 71		18.7	27.4	38.3
Max Q Clear Time (g_c+I1), s	5.6		3.6	12.6	16.5
Green Ext Time (p_c), s	8.8		0.2	2.1	10.0

Intersection Summary	
HCM 6th Ctrl Delay	13.6
HCM 6th LOS	B

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	240	400	45	180	675	25	65	200	90	15	75	210
Future Volume (veh/h)	240	400	45	180	675	25	65	200	90	15	75	210
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h	250	417	47	188	703	26	68	208	94	16	78	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	6	6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h	305	1126	477	239	921	34	99	261	118	34	332	
Arrive On Green	0.18	0.31	0.31	0.14	0.27	0.27	0.06	0.22	0.22	0.02	0.18	0.00
Sat Flow, veh/h	1725	3622	1535	1725	3384	125	1725	1181	534	1725	1811	1535
Grp Volume(v), veh/h	250	417	47	188	357	372	68	0	302	16	78	0
Grp Sat Flow(s),veh/h/ln	1725	1811	1535	1725	1721	1789	1725	0	1715	1725	1811	1535
Q Serve(g_s), s	8.1	5.2	1.3	6.1	11.1	11.1	2.2	0.0	9.7	0.5	2.1	0.0
Cycle Q Clear(g_c), s	8.1	5.2	1.3	6.1	11.1	11.1	2.2	0.0	9.7	0.5	2.1	0.0
Prop In Lane	1.00		1.00	1.00		0.07	1.00		0.31	1.00		1.00
Lane Grp Cap(c), veh/h	305	1126	477	239	468	487	99	0	379	34	332	
V/C Ratio(X)	0.82	0.37	0.10	0.79	0.76	0.76	0.69	0.00	0.80	0.47	0.24	
Avail Cap(c_a), veh/h	473	1242	526	493	611	635	181	0	606	149	606	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	23.0	15.6	14.2	24.2	19.4	19.4	26.8	0.0	21.4	28.1	20.2	0.0
Incr Delay (d2), s/veh	6.4	0.2	0.1	5.7	4.2	4.0	8.2	0.0	3.9	9.9	0.4	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.6	2.0	0.4	2.7	4.5	4.7	1.1	0.0	3.9	0.3	0.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.4	15.8	14.3	29.9	23.6	23.4	35.0	0.0	25.2	38.1	20.6	0.0
LnGrp LOS	C	B	B	C	C	C	C	A	C	D	C	
Approach Vol, veh/h		714			917			370			94	
Approach Delay, s/veh		20.5			24.8			27.0			23.6	
Approach LOS		C			C			C			C	

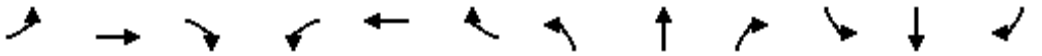
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	5.6	17.3	12.5	22.5	7.8	15.1	14.8	20.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	5.0	20.5	16.6	19.9	6.1	19.4	15.9	20.6
Max Q Clear Time (g_c+I1), s	2.5	11.7	8.1	7.2	4.2	4.1	10.1	13.1
Green Ext Time (p_c), s	0.0	1.2	0.3	2.3	0.0	0.3	0.4	2.7

Intersection Summary	
HCM 6th Ctrl Delay	23.7
HCM 6th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	209	567	131	324	569	325	221	705	491	623	780	171
Future Volume (veh/h)	209	567	131	324	569	325	221	705	491	623	780	171
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	211	573	27	327	575	227	223	712	400	629	788	50
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	264	639	285	266	629	248	251	664	372	397	1366	609
Arrive On Green	0.08	0.18	0.18	0.15	0.25	0.25	0.14	0.30	0.30	0.22	0.39	0.39
Sat Flow, veh/h	3428	3526	1572	1767	2470	973	1767	2177	1220	1767	3526	1571
Grp Volume(v), veh/h	211	573	27	327	410	392	223	576	536	629	788	50
Grp Sat Flow(s),veh/h/ln	1714	1763	1572	1767	1763	1680	1767	1763	1634	1767	1763	1571
Q Serve(g_s), s	9.0	23.6	2.1	22.3	33.5	33.6	18.4	45.2	45.2	33.3	26.1	3.0
Cycle Q Clear(g_c), s	9.0	23.6	2.1	22.3	33.5	33.6	18.4	45.2	45.2	33.3	26.1	3.0
Prop In Lane	1.00		1.00	1.00		0.58	1.00		0.75	1.00		1.00
Lane Grp Cap(c), veh/h	264	639	285	266	449	428	251	537	498	397	1366	609
V/C Ratio(X)	0.80	0.90	0.09	1.23	0.91	0.92	0.89	1.07	1.08	1.58	0.58	0.08
Avail Cap(c_a), veh/h	423	680	303	266	449	428	445	537	498	397	1366	609
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	67.3	59.3	50.6	63.0	53.7	53.7	62.5	51.5	51.5	57.5	35.8	28.7
Incr Delay (d2), s/veh	6.2	14.4	0.2	132.1	23.2	24.5	11.5	59.7	62.0	275.0	0.7	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.2	11.8	0.9	19.8	17.8	17.1	9.1	28.8	27.0	45.2	11.5	1.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	73.5	73.8	50.7	195.1	76.9	78.2	74.0	111.3	113.5	332.5	36.5	28.8
LnGrp LOS	E	E	D	F	E	E	E	F	F	F	D	C
Approach Vol, veh/h		811			1129			1335			1467	
Approach Delay, s/veh		72.9			111.6			106.0			163.1	
Approach LOS		E			F			F			F	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	27.0	32.3	25.7	63.3	16.1	43.2	38.0	51.0
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 22	28.6	* 37	* 42	* 18	32.6	* 33	45.2
Max Q Clear Time (g_c+I1), s	24.3	25.6	20.4	28.1	11.0	35.6	35.3	47.2
Green Ext Time (p_c), s	0.0	1.3	0.7	5.7	0.4	0.0	0.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	119.3
HCM 6th LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1297	406	590	909	0	0	0	0	122	5	330
Future Volume (veh/h)	0	1297	406	590	909	0	0	0	0	122	5	330
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1841	1841	1841	1841	0				1841	1841	1841
Adj Flow Rate, veh/h	0	1441	429	738	1136	0				136	6	134
Peak Hour Factor	0.90	0.90	0.90	0.80	0.80	0.80				0.90	0.90	0.90
Percent Heavy Veh, %	0	4	4	4	4	0				4	4	4
Cap, veh/h	0	1264	361	622	1578	0				126	6	116
Arrive On Green	0.00	0.47	0.47	0.71	1.00	0.00				0.07	0.07	0.07
Sat Flow, veh/h	0	2777	766	1753	1841	0				1682	74	1560
Grp Volume(v), veh/h	0	917	953	738	1136	0				142	0	134
Grp Sat Flow(s),veh/h/ln	0	1749	1703	1753	1841	0				1757	0	1560
Q Serve(g_s), s	0.0	70.6	70.6	53.2	0.0	0.0				11.2	0.0	11.2
Cycle Q Clear(g_c), s	0.0	70.6	70.6	53.2	0.0	0.0				11.2	0.0	11.2
Prop In Lane	0.00		0.45	1.00		0.00				0.96		1.00
Lane Grp Cap(c), veh/h	0	823	801	622	1578	0				131	0	116
V/C Ratio(X)	0.00	1.11	1.19	1.19	0.72	0.00				1.08	0.00	1.15
Avail Cap(c_a), veh/h	0	823	801	622	1578	0				131	0	116
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.09	0.09	0.29	0.29	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	39.7	39.7	21.8	0.0	0.0				69.4	0.0	69.4
Incr Delay (d2), s/veh	0.0	53.0	86.5	89.2	0.8	0.0				102.5	0.0	129.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	41.9	48.3	28.9	0.4	0.0				8.8	0.0	8.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	92.7	126.2	111.0	0.8	0.0				171.9	0.0	198.9
LnGrp LOS	A	F	F	F	A	A				F	A	F
Approach Vol, veh/h		1870			1874						276	
Approach Delay, s/veh		109.8			44.2						185.0	
Approach LOS		F			D						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	58.0	76.0		16.0		134.0
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 53	70.6		* 11		128.6
Max Q Clear Time (g_c+I1), s	55.2	72.6		13.2		2.0
Green Ext Time (p_c), s	0.0	0.0		0.0		16.9

Intersection Summary	
HCM 6th Ctrl Delay	84.4
HCM 6th LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	252	1167	0	0	1347	196	152	1	363	0	0	0
Future Volume (veh/h)	252	1167	0	0	1347	196	152	1	363	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		0.99			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1841	1841	0	0	1841	1841	1841	1841	1841			
Adj Flow Rate, veh/h	296	1373	0	0	1684	238	171	1	306			
Peak Hour Factor	0.85	0.85	0.85	0.80	0.80	0.80	0.89	0.89	0.89			
Percent Heavy Veh, %	4	4	0	0	4	4	4	4	4			
Cap, veh/h	259	2803	0	0	1913	263	235	1	209			
Arrive On Green	0.30	1.00	0.00	0.00	0.62	0.62	0.13	0.13	0.13			
Sat Flow, veh/h	1753	3589	0	0	3171	424	1743	10	1550			
Grp Volume(v), veh/h	296	1373	0	0	938	984	172	0	306			
Grp Sat Flow(s),veh/h/ln	1753	1749	0	0	1749	1754	1754	0	1550			
Q Serve(g_s), s	22.2	0.0	0.0	0.0	65.6	72.7	14.1	0.0	20.2			
Cycle Q Clear(g_c), s	22.2	0.0	0.0	0.0	65.6	72.7	14.1	0.0	20.2			
Prop In Lane	1.00		0.00	0.00		0.24	0.99		1.00			
Lane Grp Cap(c), veh/h	259	2803	0	0	1087	1090	236	0	209			
V/C Ratio(X)	1.14	0.49	0.00	0.00	0.86	0.90	0.73	0.00	1.47			
Avail Cap(c_a), veh/h	259	2803	0	0	1087	1090	236	0	209			
HCM Platoon Ratio	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.09	0.09	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	52.8	0.0	0.0	0.0	23.2	24.5	62.3	0.0	64.9			
Incr Delay (d2), s/veh	68.1	0.1	0.0	0.0	9.1	12.1	10.8	0.0	234.2			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	18.6	0.0	0.0	0.0	28.8	32.6	7.0	0.0	21.6			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	120.9	0.1	0.0	0.0	32.3	36.6	73.1	0.0	299.1			
LnGrp LOS	F	A	A	A	C	D	E	A	F			
Approach Vol, veh/h		1669			1922			478				
Approach Delay, s/veh		21.5			34.5			217.8				
Approach LOS		C			C			F				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		125.0			27.0	98.0		25.0				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 1.2E2			* 22	* 93		20.2				
Max Q Clear Time (g_c+I1), s		2.0			24.2	74.7		22.2				
Green Ext Time (p_c), s		17.1			0.0	14.0		0.0				

Intersection Summary	
HCM 6th Ctrl Delay	50.7
HCM 6th LOS	D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

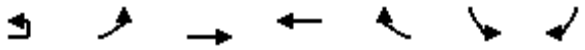
Intersection	
Int Delay, s/veh	9.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	152	1348	30	265	1455	20	0	0	224	0	0	57
Future Vol, veh/h	152	1348	30	265	1455	20	0	0	224	0	0	57
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	140	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	85	85	85	80	80	80	82	82	82	80	80	80
Heavy Vehicles, %	4	4	4	4	4	4	4	4	4	4	4	4
Mvmt Flow	179	1586	35	331	1819	25	0	0	273	0	0	71

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1844	0	0	1621	0	0	-	-	811	-	-	922
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.18	-	-	4.18	-	-	-	-	6.98	-	-	6.98
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.24	-	-	2.24	-	-	-	-	3.34	-	-	3.34
Pot Cap-1 Maneuver	318	-	-	389	-	-	0	0	318	0	0	268
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	318	-	-	389	-	-	-	-	318	-	-	268
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	3	7.5	58	23.2
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	318	318	-	-	389	-	-	268
HCM Lane V/C Ratio	0.859	0.562	-	-	0.852	-	-	0.266
HCM Control Delay (s)	58	29.9	-	-	49.1	-	-	23.2
HCM Lane LOS	F	D	-	-	E	-	-	C
HCM 95th %tile Q(veh)	7.7	3.2	-	-	8.1	-	-	1



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations							
Traffic Volume (veh/h)	7	477	1088	1358	175	154	344
Future Volume (veh/h)	7	477	1088	1358	175	154	344
Initial Q (Qb), veh		0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00			1.00	1.00	1.00
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No	No		No	
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h		561	1280	1698	209	181	64
Peak Hour Factor		0.85	0.85	0.80	0.80	0.85	0.70
Percent Heavy Veh, %		4	4	4	4	4	4
Cap, veh/h		603	2882	1933	233	176	157
Arrive On Green		0.18	0.82	0.62	0.62	0.10	0.10
Sat Flow, veh/h		3401	3589	3234	379	1753	1560
Grp Volume(v), veh/h		561	1280	930	977	181	64
Grp Sat Flow(s),veh/h/ln		1700	1749	1749	1772	1753	1560
Q Serve(g_s), s		23.7	14.8	63.9	69.0	14.7	5.6
Cycle Q Clear(g_c), s		23.7	14.8	63.9	69.0	14.7	5.6
Prop In Lane		1.00			0.21	1.00	1.00
Lane Grp Cap(c), veh/h		603	2882	1076	1090	176	157
V/C Ratio(X)		0.93	0.44	0.86	0.90	1.03	0.41
Avail Cap(c_a), veh/h		615	2995	1117	1132	176	157
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		59.2	3.6	23.1	24.1	65.7	61.6
Incr Delay (d2), s/veh		20.6	0.2	7.4	9.5	74.8	3.6
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		12.0	4.3	27.5	30.6	10.3	0.2
Unsig. Movement Delay, s/veh							
LnGrp Delay(d),s/veh		79.8	3.7	30.5	33.6	140.5	65.2
LnGrp LOS		E	A	C	C	F	E
Approach Vol, veh/h			1841	1907		245	
Approach Delay, s/veh			26.9	32.1		120.8	
Approach LOS			C	C		F	

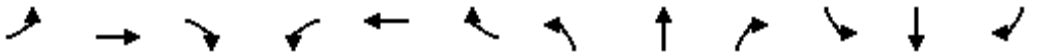
Timer - Assigned Phs	2		4	5	6
Phs Duration (G+Y+Rc), s	126.1		20.0	30.5	95.6
Change Period (Y+Rc), s	* 5.7		5.3	4.6	5.7
Max Green Setting (Gmax), s	* 1.3E2		14.7	26.4	93.3
Max Q Clear Time (g_c+I1), s	16.8		16.7	25.7	71.0
Green Ext Time (p_c), s	24.0		0.0	0.2	18.9

Intersection Summary	
HCM 6th Ctrl Delay	35.1
HCM 6th LOS	D

Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	199	843	200	145	927	38	170	225	110	64	150	436
Future Volume (veh/h)	199	843	200	145	927	38	170	225	110	64	150	436
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	216	916	154	181	1159	46	183	242	105	91	214	0
Peak Hour Factor	0.92	0.92	0.92	0.80	0.80	0.80	0.93	0.93	0.93	0.70	0.70	0.70
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	249	1415	631	214	1318	52	215	284	123	117	326	
Arrive On Green	0.14	0.40	0.40	0.12	0.38	0.38	0.12	0.23	0.23	0.07	0.18	0.00
Sat Flow, veh/h	1767	3526	1572	1767	3456	137	1767	1227	532	1767	1856	1572
Grp Volume(v), veh/h	216	916	154	181	591	614	183	0	347	91	214	0
Grp Sat Flow(s),veh/h/ln	1767	1763	1572	1767	1763	1831	1767	0	1760	1767	1856	1572
Q Serve(g_s), s	12.0	21.0	6.5	10.0	31.2	31.2	10.1	0.0	18.9	5.1	10.7	0.0
Cycle Q Clear(g_c), s	12.0	21.0	6.5	10.0	31.2	31.2	10.1	0.0	18.9	5.1	10.7	0.0
Prop In Lane	1.00		1.00	1.00		0.07	1.00		0.30	1.00		1.00
Lane Grp Cap(c), veh/h	249	1415	631	214	672	698	215	0	407	117	326	
V/C Ratio(X)	0.87	0.65	0.24	0.85	0.88	0.88	0.85	0.00	0.85	0.78	0.66	
Avail Cap(c_a), veh/h	306	1520	678	281	735	763	256	0	848	262	900	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	42.0	24.2	19.9	43.0	28.8	28.8	43.0	0.0	36.8	46.0	38.4	0.0
Incr Delay (d2), s/veh	19.1	0.9	0.2	16.4	11.2	10.9	20.2	0.0	5.1	10.7	2.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.5	8.7	2.4	5.3	14.8	15.3	5.6	0.0	8.6	2.6	5.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	61.1	25.1	20.1	59.5	40.0	39.7	63.2	0.0	41.9	56.6	40.6	0.0
LnGrp LOS	E	C	C	E	D	D	E	A	D	E	D	
Approach Vol, veh/h		1286			1386			530			305	
Approach Delay, s/veh		30.5			42.4			49.2			45.4	
Approach LOS		C			D			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.1	27.7	16.6	44.6	16.7	22.1	18.6	42.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.8	48.2	15.9	43.1	14.5	48.5	17.3	41.7
Max Q Clear Time (g_c+I1), s	7.1	20.9	12.0	23.0	12.1	12.7	14.0	33.2
Green Ext Time (p_c), s	0.1	2.3	0.2	7.2	0.1	1.3	0.2	4.9

Intersection Summary	
HCM 6th Ctrl Delay	39.3
HCM 6th LOS	D

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

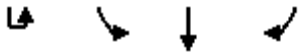
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (veh/h)	2	125	473	70	31	195	438	250	2	165	280	433
Future Volume (veh/h)	2	125	473	70	31	195	438	250	2	165	280	433
Initial Q (Qb), veh		0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach			No				No				No	
Adj Sat Flow, veh/h/ln		1796	1796	1796		1796	1796	1796		1796	1796	1796
Adj Flow Rate, veh/h		134	509	21		210	471	206		177	301	253
Peak Hour Factor		0.93	0.93	0.93		0.93	0.93	0.93		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7		7	7	7		7	7	7
Cap, veh/h		195	634	283		243	624	271		210	374	306
Arrive On Green		0.06	0.19	0.19		0.14	0.27	0.27		0.12	0.21	0.21
Sat Flow, veh/h		3319	3413	1522		1711	2316	1006		1711	1781	1457
Grp Volume(v), veh/h		134	509	21		210	346	331		177	288	266
Grp Sat Flow(s),veh/h/ln		1659	1706	1522		1711	1706	1615		1711	1706	1531
Q Serve(g_s), s		4.5	16.3	1.3		13.8	21.3	21.6		11.6	18.4	19.0
Cycle Q Clear(g_c), s		4.5	16.3	1.3		13.8	21.3	21.6		11.6	18.4	19.0
Prop In Lane		1.00		1.00		1.00		0.62		1.00		0.95
Lane Grp Cap(c), veh/h		195	634	283		243	460	435		210	359	322
V/C Ratio(X)		0.69	0.80	0.07		0.86	0.75	0.76		0.84	0.80	0.83
Avail Cap(c_a), veh/h		443	840	375		438	629	595		482	441	396
HCM Platoon Ratio		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Uniform Delay (d), s/veh		52.9	44.6	38.5		48.0	38.4	38.4		49.2	43.0	43.2
Incr Delay (d2), s/veh		4.8	4.7	0.1		9.8	4.1	4.5		9.8	9.5	12.4
Initial Q Delay(d3),s/veh		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		2.0	7.3	0.5		6.5	9.4	9.0		5.5	8.7	8.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		57.7	49.3	38.6		57.8	42.4	43.0		59.0	52.5	55.6
LnGrp LOS		E	D	D		E	D	D		E	D	E
Approach Vol, veh/h			664				887				731	
Approach Delay, s/veh			50.7				46.3				55.2	
Approach LOS			D				D				E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	21.0	26.7	18.8	48.1	11.4	36.3	37.0	29.9
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 29	28.2	* 32	* 30	* 15	42.2	* 32	29.6
Max Q Clear Time (g_c+I1), s	15.8	18.3	13.6	9.1	6.5	23.6	34.3	21.0
Green Ext Time (p_c), s	0.6	2.9	0.5	2.5	0.3	5.3	0.0	2.9

Intersection Summary	
HCM 6th Ctrl Delay	52.6
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBU	SBL	SBT	SBR
Lane Configurations				
Traffic Volume (veh/h)	8	448	285	85
Future Volume (veh/h)	8	448	285	85
Initial Q (Qb), veh		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00
Work Zone On Approach			No	
Adj Sat Flow, veh/h/ln		1796	1796	1796
Adj Flow Rate, veh/h		482	306	24
Peak Hour Factor		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7
Cap, veh/h		482	1260	562
Arrive On Green		0.28	0.37	0.37
Sat Flow, veh/h		1711	3413	1521
Grp Volume(v), veh/h		482	306	24
Grp Sat Flow(s),veh/h/ln		1711	1706	1521
Q Serve(g_s), s		32.3	7.1	1.2
Cycle Q Clear(g_c), s		32.3	7.1	1.2
Prop In Lane		1.00		1.00
Lane Grp Cap(c), veh/h		482	1260	562
V/C Ratio(X)		1.00	0.24	0.04
Avail Cap(c_a), veh/h		482	1260	562
HCM Platoon Ratio		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00
Uniform Delay (d), s/veh		41.1	25.0	23.2
Incr Delay (d2), s/veh		40.8	0.1	0.0
Initial Q Delay(d3),s/veh		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		18.9	2.9	0.4
Unsig. Movement Delay, s/veh				
LnGrp Delay(d),s/veh		81.9	25.2	23.2
LnGrp LOS		F	C	C
Approach Vol, veh/h			812	
Approach Delay, s/veh			58.8	
Approach LOS			E	
Timer - Assigned Phs				



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1099	290	454	713	0	0	0	0	177	0	220
Future Volume (veh/h)	0	1099	290	454	713	0	0	0	0	177	0	220
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1781	1781	1781	1781	0				1781	1781	1781
Adj Flow Rate, veh/h	0	1195	295	493	775	0				192	0	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	8	8	8	8	0				8	8	8
Cap, veh/h	0	1270	310	485	1414	0				217	0	193
Arrive On Green	0.00	0.47	0.47	0.29	0.79	0.00				0.13	0.00	0.13
Sat Flow, veh/h	0	2786	658	1697	1781	0				1697	0	1510
Grp Volume(v), veh/h	0	744	746	493	775	0				192	0	22
Grp Sat Flow(s),veh/h/ln	0	1692	1663	1697	1781	0				1697	0	1510
Q Serve(g_s), s	0.0	54.0	55.9	37.2	20.6	0.0				14.5	0.0	1.7
Cycle Q Clear(g_c), s	0.0	54.0	55.9	37.2	20.6	0.0				14.5	0.0	1.7
Prop In Lane	0.00		0.40	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	797	783	485	1414	0				217	0	193
V/C Ratio(X)	0.00	0.93	0.95	1.02	0.55	0.00				0.89	0.00	0.11
Avail Cap(c_a), veh/h	0	797	783	485	1414	0				238	0	211
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.16	0.16	0.39	0.39	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	32.5	33.0	46.4	4.9	0.0				55.8	0.0	50.2
Incr Delay (d2), s/veh	0.0	4.5	5.8	29.4	0.6	0.0				27.4	0.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	22.5	23.2	19.5	6.5	0.0				7.8	0.0	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	37.0	38.8	75.8	5.5	0.0				83.2	0.0	50.3
LnGrp LOS	A	D	D	F	A	A				F	A	D
Approach Vol, veh/h		1490			1268						214	
Approach Delay, s/veh		37.9			32.8						79.8	
Approach LOS		D			C						E	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	42.0	66.6		21.4		108.6
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 37	59.6		* 18		101.6
Max Q Clear Time (g_c+I1), s	39.2	57.9		16.5		22.6
Green Ext Time (p_c), s	0.0	1.4		0.1		7.2

Intersection Summary	
HCM 6th Ctrl Delay	38.7
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	235	1041	0	0	1042	191	130	5	408	0	0	0
Future Volume (veh/h)	235	1041	0	0	1042	191	130	5	408	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1781	1781	0	0	1781	1781	1781	1781	1781			
Adj Flow Rate, veh/h	255	1132	0	0	1133	198	141	5	335			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	8	8	0	0	8	8	8	8	8			
Cap, veh/h	282	2374	0	0	1438	250	377	13	346			
Arrive On Green	0.17	0.70	0.00	0.00	0.50	0.50	0.23	0.23	0.23			
Sat Flow, veh/h	1697	3474	0	0	2961	500	1641	58	1504			
Grp Volume(v), veh/h	255	1132	0	0	666	665	146	0	335			
Grp Sat Flow(s),veh/h/ln	1697	1692	0	0	1692	1679	1699	0	1504			
Q Serve(g_s), s	20.6	21.0	0.0	0.0	45.3	45.9	10.1	0.0	30.9			
Cycle Q Clear(g_c), s	20.6	21.0	0.0	0.0	45.3	45.9	10.1	0.0	30.9			
Prop In Lane	1.00		0.00	0.00		0.30	0.97		1.00			
Lane Grp Cap(c), veh/h	282	2374	0	0	847	841	391	0	346			
V/C Ratio(X)	0.90	0.48	0.00	0.00	0.79	0.79	0.37	0.00	0.97			
Avail Cap(c_a), veh/h	463	2374	0	0	847	841	391	0	346			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.09	0.09	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	57.2	9.4	0.0	0.0	28.8	28.9	45.4	0.0	53.4			
Incr Delay (d2), s/veh	1.5	0.1	0.0	0.0	7.2	7.5	0.6	0.0	39.9			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	9.0	7.5	0.0	0.0	19.8	20.0	4.4	0.0	15.5			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	58.8	9.4	0.0	0.0	36.0	36.4	46.0	0.0	93.3			
LnGrp LOS	E	A	A	A	D	D	D	A	F			
Approach Vol, veh/h		1387			1331			481				
Approach Delay, s/veh		18.5			36.2			78.9				
Approach LOS		B			D			E				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		103.0			28.1	74.9		37.0				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 98			* 38	* 55		32.2				
Max Q Clear Time (g_c+I1), s		23.0			22.6	47.9		32.9				
Green Ext Time (p_c), s		11.9			0.7	4.8		0.0				

Intersection Summary	
HCM 6th Ctrl Delay	35.0
HCM 6th LOS	C

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	3.3

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations														
Traffic Vol, veh/h	13	185	1042	207	1	90	1133	30	0	0	157	0	0	55
Future Vol, veh/h	13	185	1042	207	1	90	1133	30	0	0	157	0	0	55
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	-	None	-	-	-	None	-	-	None	-	-	None
Storage Length	-	140	-	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Grade, %	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Mvmt Flow	14	201	1133	225	1	98	1232	33	0	0	171	0	0	60

Major/Minor	Major1				Major2				Minor1			Minor2		
Conflicting Flow All	1264	1265	0	0	1358	1358	0	0	-	-	679	-	-	633
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	6.56	4.26	-	-	6.56	4.26	-	-	-	-	7.06	-	-	7.06
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.58	2.28	-	-	2.58	2.28	-	-	-	-	3.38	-	-	3.38
Pot Cap-1 Maneuver	212	514	-	-	184	472	-	-	0	0	380	0	0	408
Stage 1	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %			-	-			-	-						
Mov Cap-1 Maneuver	459	459	-	-	455	455	-	-	-	-	380	-	-	408
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.7	1.1	22	15.3
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	380	459	-	-	455	-	-	408
HCM Lane V/C Ratio	0.449	0.469	-	-	0.217	-	-	0.147
HCM Control Delay (s)	22	19.6	-	-	15.1	-	-	15.3
HCM Lane LOS	C	C	-	-	C	-	-	C
HCM 95th %tile Q(veh)	2.3	2.5	-	-	0.8	-	-	0.5



Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	25	529	575	75	83	773	83	244	34	68	28	45
Future Volume (veh/h)	25	529	575	75	83	773	83	244	34	68	28	45
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1767	1767	1767	1767	1767	1767	1767	1767	1767	1767	1767
Adj Flow Rate, veh/h		601	653	77	94	878	87	277	39	29	32	51
Peak Hour Factor		0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Percent Heavy Veh, %		9	9	9	9	9	9	9	9	9	9	9
Cap, veh/h		686	1490	175	79	1104	492	312	428	363	48	151
Arrive On Green		0.21	0.49	0.49	0.05	0.33	0.33	0.19	0.24	0.24	0.03	0.09
Sat Flow, veh/h		3264	3025	356	1682	3357	1497	1682	1767	1497	1682	1767
Grp Volume(v), veh/h		601	362	368	94	878	87	277	39	29	32	51
Grp Sat Flow(s),veh/h/ln		1632	1678	1703	1682	1678	1497	1682	1767	1497	1682	1767
Q Serve(g_s), s		18.9	14.8	14.8	5.0	25.2	4.4	17.0	1.8	1.6	2.0	2.9
Cycle Q Clear(g_c), s		18.9	14.8	14.8	5.0	25.2	4.4	17.0	1.8	1.6	2.0	2.9
Prop In Lane		1.00		0.21	1.00		1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		686	827	839	79	1104	492	312	428	363	48	151
V/C Ratio(X)		0.88	0.44	0.44	1.18	0.80	0.18	0.89	0.09	0.08	0.66	0.34
Avail Cap(c_a), veh/h		844	1047	1062	79	1356	605	467	428	363	469	337
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		40.5	17.4	17.4	50.5	32.3	25.3	42.1	31.1	31.0	50.9	45.6
Incr Delay (d2), s/veh		8.8	0.5	0.5	158.7	3.1	0.2	13.3	0.1	0.1	14.3	2.8
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		8.3	5.7	5.8	5.6	10.5	1.6	8.1	0.8	0.6	1.0	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		49.3	17.9	17.9	209.1	35.4	25.6	55.4	31.2	31.1	65.2	48.4
LnGrp LOS		D	B	B	F	D	C	E	C	C	E	D
Approach Vol, veh/h			1331			1059			345			176
Approach Delay, s/veh			32.1			50.0			50.6			59.1
Approach LOS			C			D			D			E

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.5	57.9	24.2	14.3	26.8	40.5	7.5	31.0
Change Period (Y+Rc), s	4.5	* 5.7	4.6	5.3	4.6	5.7	4.5	* 5.3
Max Green Setting (Gmax), s	5.0	* 66	29.4	20.2	27.4	42.8	29.5	* 21
Max Q Clear Time (g_c+I1), s	7.0	16.8	19.0	8.4	20.9	27.2	4.0	3.8
Green Ext Time (p_c), s	0.0	8.2	0.6	0.7	1.4	7.6	0.1	0.2

Intersection Summary	
HCM 6th Ctrl Delay	42.4
HCM 6th LOS	D

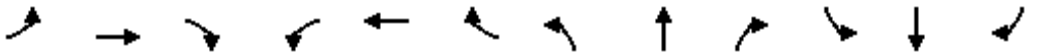
Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	191
Future Volume (veh/h)	191
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1767
Adj Flow Rate, veh/h	93
Peak Hour Factor	0.88
Percent Heavy Veh, %	9
Cap, veh/h	128
Arrive On Green	0.09
Sat Flow, veh/h	1497
Grp Volume(v), veh/h	93
Grp Sat Flow(s),veh/h/ln	1497
Q Serve(g_s), s	6.4
Cycle Q Clear(g_c), s	6.4
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	128
V/C Ratio(X)	0.73
Avail Cap(c_a), veh/h	286
HCM Platoon Ratio	1.00
Upstream Filter(I)	1.00
Uniform Delay (d), s/veh	47.3
Incr Delay (d2), s/veh	15.6
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	2.9
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	62.8
LnGrp LOS	E
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	244	407	45	180	687	25	65	200	90	15	75	212
Future Volume (veh/h)	244	407	45	180	687	25	65	200	90	15	75	212
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h	254	424	21	188	716	23	68	208	75	16	78	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	6	6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h	303	1045	466	234	897	29	94	256	92	135	407	
Arrive On Green	0.18	0.30	0.30	0.14	0.26	0.26	0.05	0.20	0.20	0.08	0.22	0.00
Sat Flow, veh/h	1725	3441	1535	1725	3403	109	1725	1271	458	1725	1811	1535
Grp Volume(v), veh/h	254	424	21	188	362	377	68	0	283	16	78	0
Grp Sat Flow(s),veh/h/ln	1725	1721	1535	1725	1721	1791	1725	0	1729	1725	1811	1535
Q Serve(g_s), s	9.1	6.3	0.6	6.8	12.6	12.6	2.5	0.0	10.0	0.6	2.2	0.0
Cycle Q Clear(g_c), s	9.1	6.3	0.6	6.8	12.6	12.6	2.5	0.0	10.0	0.6	2.2	0.0
Prop In Lane	1.00		1.00	1.00		0.06	1.00		0.27	1.00		1.00
Lane Grp Cap(c), veh/h	303	1045	466	234	454	472	94	0	349	135	407	
V/C Ratio(X)	0.84	0.41	0.05	0.80	0.80	0.80	0.72	0.00	0.81	0.12	0.19	
Avail Cap(c_a), veh/h	391	1145	510	369	551	573	250	0	513	485	783	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	25.5	17.7	15.7	26.9	22.0	22.0	29.8	0.0	24.4	27.5	20.1	0.0
Incr Delay (d2), s/veh	12.0	0.3	0.0	6.8	6.7	6.5	9.8	0.0	6.2	0.4	0.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.5	2.3	0.2	3.1	5.5	5.7	1.2	0.0	4.4	0.2	0.9	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	37.5	18.0	15.8	33.7	28.7	28.5	39.6	0.0	30.6	27.9	20.3	0.0
LnGrp LOS	D	B	B	C	C	C	D	A	C	C	C	
Approach Vol, veh/h		699			927			351			94	
Approach Delay, s/veh		25.0			29.6			32.3			21.6	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.5	17.4	13.2	24.0	8.0	18.9	15.7	21.4
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	18.0	19.0	13.7	21.3	9.3	27.7	14.5	20.5
Max Q Clear Time (g_c+I1), s	2.6	12.0	8.8	8.3	4.5	4.2	11.1	14.6
Green Ext Time (p_c), s	0.0	0.9	0.2	2.3	0.0	0.3	0.2	2.3

Intersection Summary	
HCM 6th Ctrl Delay	28.2
HCM 6th LOS	C

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	1.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	4	2	155	4	95	202
Future Vol, veh/h	4	2	155	4	95	202
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	2	168	4	103	220

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	596	170	0	0	172	0
Stage 1	170	-	-	-	-	-
Stage 2	426	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	466	874	-	-	1405	-
Stage 1	860	-	-	-	-	-
Stage 2	659	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	427	874	-	-	1405	-
Mov Cap-2 Maneuver	427	-	-	-	-	-
Stage 1	860	-	-	-	-	-
Stage 2	604	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	12.1	0	2.5
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	515	1405	-
HCM Lane V/C Ratio	-	-	0.013	0.073	-
HCM Control Delay (s)	-	-	12.1	7.8	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0.2	-

Intersection	
Int Delay, s/veh	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	159	0	72	134
Future Vol, veh/h	0	0	159	0	72	134
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	173	0	78	146

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	475	173	0	0	173	0
Stage 1	173	-	-	-	-	-
Stage 2	302	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	548	871	-	-	1404	-
Stage 1	857	-	-	-	-	-
Stage 2	750	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	515	871	-	-	1404	-
Mov Cap-2 Maneuver	515	-	-	-	-	-
Stage 1	857	-	-	-	-	-
Stage 2	705	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	2.7
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	-	1404	-
HCM Lane V/C Ratio	-	-	-	0.056	-
HCM Control Delay (s)	-	-	0	7.7	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	-	0.2	-

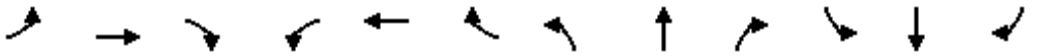
Intersection	
Int Delay, s/veh	7.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	346	0	0	0	0	203
Future Vol, veh/h	346	0	0	0	0	203
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	376	0	0	0	0	221

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	111	111	221	0	-	0
Stage 1	111	-	-	-	-	-
Stage 2	0	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	886	942	1348	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	886	942	1348	-	-	-
Mov Cap-2 Maneuver	886	-	-	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1348	-	886	-	-	-
HCM Lane V/C Ratio	-	-	0.424	-	-	-
HCM Control Delay (s)	0	-	12	0	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0	-	2.1	-	-	-



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	209	597	131	342	595	343	221	705	512	644	780	171
Future Volume (veh/h)	209	597	131	342	595	343	221	705	512	644	780	171
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	211	603	23	345	601	251	223	712	423	651	788	52
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	268	645	288	357	744	310	252	535	317	382	1146	511
Arrive On Green	0.08	0.18	0.18	0.20	0.31	0.31	0.14	0.25	0.25	0.22	0.33	0.33
Sat Flow, veh/h	3428	3526	1572	1767	2425	1012	1767	2129	1261	1767	3526	1571
Grp Volume(v), veh/h	211	603	23	345	437	415	223	589	546	651	788	52
Grp Sat Flow(s),veh/h/ln	1714	1763	1572	1767	1763	1673	1767	1763	1627	1767	1763	1571
Q Serve(g_s), s	8.5	23.6	1.7	27.1	32.0	32.0	17.3	35.2	35.2	30.3	27.2	3.2
Cycle Q Clear(g_c), s	8.5	23.6	1.7	27.1	32.0	32.0	17.3	35.2	35.2	30.3	27.2	3.2
Prop In Lane	1.00		1.00	1.00		0.60	1.00		0.78	1.00		1.00
Lane Grp Cap(c), veh/h	268	645	288	357	541	514	252	443	409	382	1146	511
V/C Ratio(X)	0.79	0.94	0.08	0.97	0.81	0.81	0.88	1.33	1.33	1.70	0.69	0.10
Avail Cap(c_a), veh/h	448	645	288	357	541	514	446	443	409	382	1146	511
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	63.4	56.4	47.4	55.4	44.7	44.7	58.9	52.4	52.4	54.8	41.1	33.0
Incr Delay (d2), s/veh	5.8	21.2	0.2	38.5	9.1	9.6	11.0	163.2	166.3	327.0	1.9	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.9	12.4	0.7	15.9	15.3	14.7	8.5	35.6	33.2	48.2	12.2	1.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	69.2	77.6	47.6	93.9	53.8	54.3	69.9	215.6	218.7	381.8	42.9	33.1
LnGrp LOS	E	E	D	F	D	D	E	F	F	F	D	C
Approach Vol, veh/h		837			1197			1358			1491	
Approach Delay, s/veh		74.6			65.5			192.9			190.6	
Approach LOS		E			E			F			F	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	33.0	31.0	24.7	51.3	15.6	48.4	35.0	41.0
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 28	25.6	* 35	* 31	* 18	35.6	* 30	35.2
Max Q Clear Time (g_c+I1), s	29.1	25.6	19.3	29.2	10.5	34.0	32.3	37.2
Green Ext Time (p_c), s	0.0	0.0	0.6	0.9	0.5	1.0	0.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	140.7
HCM 6th LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1369	406	605	971	0	0	0	0	138	5	330
Future Volume (veh/h)	0	1369	406	605	971	0	0	0	0	138	5	330
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1841	1841	1841	1841	0				1841	1841	1841
Adj Flow Rate, veh/h	0	1521	430	756	1214	0				153	6	247
Peak Hour Factor	0.90	0.90	0.90	0.80	0.80	0.80				0.90	0.90	0.90
Percent Heavy Veh, %	0	4	4	4	4	0				4	4	4
Cap, veh/h	0	1136	306	633	1492	0				205	8	189
Arrive On Green	0.00	0.42	0.42	0.36	0.81	0.00				0.12	0.12	0.12
Sat Flow, veh/h	0	2815	734	1753	1841	0				1690	66	1560
Grp Volume(v), veh/h	0	950	1001	756	1214	0				159	0	247
Grp Sat Flow(s),veh/h/ln	0	1749	1709	1753	1841	0				1756	0	1560
Q Serve(g_s), s	0.0	62.6	62.6	54.2	55.0	0.0				13.1	0.0	18.2
Cycle Q Clear(g_c), s	0.0	62.6	62.6	54.2	55.0	0.0				13.1	0.0	18.2
Prop In Lane	0.00		0.43	1.00		0.00				0.96		1.00
Lane Grp Cap(c), veh/h	0	730	713	633	1492	0				213	0	189
V/C Ratio(X)	0.00	1.30	1.40	1.19	0.81	0.00				0.75	0.00	1.31
Avail Cap(c_a), veh/h	0	730	713	633	1492	0				213	0	189
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.09	0.09	0.15	0.15	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	43.7	43.7	47.9	7.9	0.0				63.7	0.0	65.9
Incr Delay (d2), s/veh	0.0	137.0	182.2	89.6	0.8	0.0				12.0	0.0	170.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	54.6	62.3	39.3	18.2	0.0				6.6	0.0	16.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	180.7	225.9	137.5	8.7	0.0				75.6	0.0	236.0
LnGrp LOS	A	F	F	F	A	A				E	A	F
Approach Vol, veh/h		1951			1970						406	
Approach Delay, s/veh		203.9			58.1						173.2	
Approach LOS		F			E						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	59.0	68.0		23.0		127.0
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 54	62.6		* 18		121.6
Max Q Clear Time (g_c+I1), s	60.2	64.6		20.2		57.0
Green Ext Time (p_c), s	0.0	0.0		0.0		19.4

Intersection Summary	
HCM 6th Ctrl Delay	134.7
HCM 6th LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	252	1255	0	0	1424	211	152	1	380	0	0	0
Future Volume (veh/h)	252	1255	0	0	1424	211	152	1	380	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		0.99			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1841	1841	0	0	1841	1841	1841	1841	1841			
Adj Flow Rate, veh/h	296	1476	0	0	1780	255	171	1	340			
Peak Hour Factor	0.85	0.85	0.85	0.80	0.80	0.80	0.89	0.89	0.89			
Percent Heavy Veh, %	4	4	0	0	4	4	4	4	4			
Cap, veh/h	240	2753	0	0	1892	264	252	1	224			
Arrive On Green	0.14	0.79	0.00	0.00	0.62	0.62	0.14	0.14	0.14			
Sat Flow, veh/h	1753	3589	0	0	3165	428	1743	10	1550			
Grp Volume(v), veh/h	296	1476	0	0	991	1044	172	0	340			
Grp Sat Flow(s),veh/h/ln	1753	1749	0	0	1749	1753	1754	0	1550			
Q Serve(g_s), s	19.2	21.8	0.0	0.0	70.4	79.1	13.0	0.0	20.2			
Cycle Q Clear(g_c), s	19.2	21.8	0.0	0.0	70.4	79.1	13.0	0.0	20.2			
Prop In Lane	1.00		0.00	0.00		0.24	0.99		1.00			
Lane Grp Cap(c), veh/h	240	2753	0	0	1077	1079	253	0	224			
V/C Ratio(X)	1.23	0.54	0.00	0.00	0.92	0.97	0.68	0.00	1.52			
Avail Cap(c_a), veh/h	240	2753	0	0	1077	1079	253	0	224			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.09	0.09	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	60.4	5.5	0.0	0.0	23.9	25.5	56.8	0.0	59.9			
Incr Delay (d2), s/veh	107.5	0.1	0.0	0.0	14.0	20.5	7.2	0.0	255.6			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	15.7	6.9	0.0	0.0	31.8	37.3	6.3	0.0	23.8			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	167.9	5.6	0.0	0.0	37.8	46.0	64.0	0.0	315.5			
LnGrp LOS	F	A	A	A	D	D	E	A	F			
Approach Vol, veh/h		1772			2035			512				
Approach Delay, s/veh		32.7			42.0			231.0				
Approach LOS		C			D			F				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		115.0			24.0	91.0		25.0				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 1.1E2			* 19	* 86		20.2				
Max Q Clear Time (g_c+I1), s		23.8			21.2	81.1		22.2				
Green Ext Time (p_c), s		19.5			0.0	4.6		0.0				

Intersection Summary	
HCM 6th Ctrl Delay	60.6
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	12

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	152	1354	129	265	1547	20	0	0	226	0	0	57
Future Vol, veh/h	152	1354	129	265	1547	20	0	0	226	0	0	57
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	140	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	85	85	85	80	80	80	82	82	82	80	80	80
Heavy Vehicles, %	4	4	4	4	4	4	4	4	4	4	4	4
Mvmt Flow	179	1593	152	331	1934	25	0	0	276	0	0	71

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1959	0	0	1745	0	0	-	-	873	-	-	980
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.18	-	-	4.18	-	-	-	-	6.98	-	-	6.98
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.24	-	-	2.24	-	-	-	-	3.34	-	-	3.34
Pot Cap-1 Maneuver	286	-	-	347	-	-	0	0	289	0	0	245
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	286	-	-	347	-	-	-	-	289	-	-	245
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	3.4	10.5	80.9	25.6
HCM LOS			F	D

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	289	286	-	-	347	-	-	245
HCM Lane V/C Ratio	0.954	0.625	-	-	0.955	-	-	0.291
HCM Control Delay (s)	80.9	36.5	-	-	72.7	-	-	25.6
HCM Lane LOS	F	E	-	-	F	-	-	D
HCM 95th %tile Q(veh)	9.4	3.9	-	-	10.2	-	-	1.2

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	7	456	1042	75	84	1294	168	181	31	67	142	45
Future Volume (veh/h)	7	456	1042	75	84	1294	168	181	31	67	142	45
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h		536	1226	83	105	1618	203	197	34	22	167	49
Peak Hour Factor		0.85	0.85	0.85	0.80	0.80	0.80	0.92	0.92	0.92	0.85	0.92
Percent Heavy Veh, %		4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h		487	1868	126	127	1703	760	175	241	205	183	255
Arrive On Green		0.14	0.56	0.56	0.07	0.49	0.49	0.10	0.13	0.13	0.10	0.14
Sat Flow, veh/h		3401	3324	225	1753	3497	1560	1753	1841	1560	1753	1841
Grp Volume(v), veh/h		536	644	665	105	1618	203	197	34	22	167	49
Grp Sat Flow(s),veh/h/ln		1700	1749	1800	1753	1749	1560	1753	1841	1560	1753	1841
Q Serve(g_s), s		21.4	38.2	38.4	8.8	66.0	11.5	14.9	2.4	1.9	14.1	3.5
Cycle Q Clear(g_c), s		21.4	38.2	38.4	8.8	66.0	11.5	14.9	2.4	1.9	14.1	3.5
Prop In Lane		1.00		0.12	1.00		1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		487	983	1011	127	1703	760	175	241	205	183	255
V/C Ratio(X)		1.10	0.66	0.66	0.83	0.95	0.27	1.13	0.14	0.11	0.91	0.19
Avail Cap(c_a), veh/h		487	983	1011	196	1715	765	175	251	213	183	255
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		64.0	22.7	22.8	68.4	36.6	22.6	67.3	57.5	57.2	66.3	57.0
Incr Delay (d2), s/veh		71.2	1.8	1.8	15.6	12.1	0.3	106.5	0.3	0.2	42.6	0.8
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		14.1	16.1	16.7	4.5	30.6	4.4	11.9	1.2	0.8	8.5	1.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		135.2	24.5	24.5	84.1	48.7	22.9	173.8	57.8	57.5	108.9	57.8
LnGrp LOS		F	C	C	F	D	C	F	E	E	F	E
Approach Vol, veh/h			1845			1926			253			476
Approach Delay, s/veh			56.7			47.9			148.1			148.8
Approach LOS			E			D			F			F

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.8	89.7	19.0	26.0	26.0	78.5	20.1	24.9
Change Period (Y+Rc), s	4.0	* 5.7	4.1	5.3	4.6	5.7	4.5	* 5.3
Max Green Setting (Gmax), s	16.7	* 79	14.9	20.7	21.4	73.3	15.6	* 20
Max Q Clear Time (g_c+I1), s	10.8	40.4	16.9	22.7	23.4	68.0	16.1	4.4
Green Ext Time (p_c), s	0.1	17.9	0.0	0.0	0.0	4.8	0.0	0.1

Intersection Summary	
HCM 6th Ctrl Delay	67.8
HCM 6th LOS	E

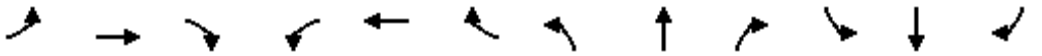
Notes

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	319
Future Volume (veh/h)	319
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1841
Adj Flow Rate, veh/h	260
Peak Hour Factor	0.70
Percent Heavy Veh, %	4
Cap, veh/h	216
Arrive On Green	0.14
Sat Flow, veh/h	1560
Grp Volume(v), veh/h	260
Grp Sat Flow(s),veh/h/ln	1560
Q Serve(g_s), s	20.7
Cycle Q Clear(g_c), s	20.7
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	216
V/C Ratio(X)	1.20
Avail Cap(c_a), veh/h	216
HCM Platoon Ratio	1.00
Upstream Filter(I)	1.00
Uniform Delay (d), s/veh	64.4
Incr Delay (d2), s/veh	127.2
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	15.9
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	191.6
LnGrp LOS	F
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	200	851	200	145	936	38	170	225	110	64	150	440
Future Volume (veh/h)	200	851	200	145	936	38	170	225	110	64	150	440
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	217	925	101	181	1170	44	183	242	103	91	214	0
Peak Hour Factor	0.92	0.92	0.92	0.80	0.80	0.80	0.93	0.93	0.93	0.70	0.70	0.70
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	249	1314	586	216	1228	46	209	281	119	132	340	
Arrive On Green	0.14	0.37	0.37	0.12	0.35	0.35	0.12	0.23	0.23	0.07	0.18	0.00
Sat Flow, veh/h	1767	3526	1572	1767	3465	130	1767	1235	526	1767	1856	1572
Grp Volume(v), veh/h	217	925	101	181	595	619	183	0	345	91	214	0
Grp Sat Flow(s),veh/h/ln	1767	1763	1572	1767	1763	1832	1767	0	1761	1767	1856	1572
Q Serve(g_s), s	10.7	19.8	3.8	8.9	29.2	29.2	9.0	0.0	16.7	4.5	9.4	0.0
Cycle Q Clear(g_c), s	10.7	19.8	3.8	8.9	29.2	29.2	9.0	0.0	16.7	4.5	9.4	0.0
Prop In Lane	1.00		1.00	1.00		0.07	1.00		0.30	1.00		1.00
Lane Grp Cap(c), veh/h	249	1314	586	216	625	649	209	0	400	132	340	
V/C Ratio(X)	0.87	0.70	0.17	0.84	0.95	0.95	0.87	0.00	0.86	0.69	0.63	
Avail Cap(c_a), veh/h	249	1314	586	265	626	651	209	0	562	393	785	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	37.3	23.6	18.6	38.0	27.9	27.9	38.4	0.0	32.9	40.0	33.4	0.0
Incr Delay (d2), s/veh	26.7	1.7	0.1	17.3	24.7	24.3	31.1	0.0	9.6	6.3	1.9	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.4	8.2	1.4	4.8	16.0	16.5	5.6	0.0	8.0	2.1	4.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	64.0	25.4	18.8	55.3	52.6	52.2	69.5	0.0	42.6	46.4	35.3	0.0
LnGrp LOS	E	C	B	E	D	D	E	A	D	D	D	
Approach Vol, veh/h		1243			1395			528			305	
Approach Delay, s/veh		31.6			52.8			51.9			38.6	
Approach LOS		C			D			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.1	24.6	15.4	37.6	15.0	20.8	17.0	35.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	19.7	28.3	13.3	30.7	10.5	37.5	12.5	31.5
Max Q Clear Time (g_c+I1), s	6.5	18.7	10.9	21.8	11.0	11.4	12.7	31.2
Green Ext Time (p_c), s	0.2	1.4	0.1	4.4	0.0	1.2	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	43.8
HCM 6th LOS	D

Notes

Unsignalized Delay for [SBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.9

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	3	2	224	4	60	334
Future Vol, veh/h	3	2	224	4	60	334
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	2	243	4	65	363

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	738	245	0	0	247	0
Stage 1	245	-	-	-	-	-
Stage 2	493	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	385	794	-	-	1319	-
Stage 1	796	-	-	-	-	-
Stage 2	614	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	361	794	-	-	1319	-
Mov Cap-2 Maneuver	361	-	-	-	-	-
Stage 1	796	-	-	-	-	-
Stage 2	576	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	12.9	0	1.2
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	462	1319	-
HCM Lane V/C Ratio	-	-	0.012	0.049	-
HCM Control Delay (s)	-	-	12.9	7.9	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0.2	-

Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	228	0	39	298
Future Vol, veh/h	0	0	228	0	39	298
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	248	0	42	324

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	656	248	0	0	248	0
Stage 1	248	-	-	-	-	-
Stage 2	408	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	430	791	-	-	1318	-
Stage 1	793	-	-	-	-	-
Stage 2	671	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	413	791	-	-	1318	-
Mov Cap-2 Maneuver	413	-	-	-	-	-
Stage 1	793	-	-	-	-	-
Stage 2	645	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0.9
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	-	1318	-
HCM Lane V/C Ratio	-	-	-	0.032	-
HCM Control Delay (s)	-	-	0	7.8	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	-	0.1	-

Intersection	
Int Delay, s/veh	6.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	279	0	0	0	0	204
Future Vol, veh/h	279	0	0	0	0	204
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	303	0	0	0	0	222

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	111	111	222	0	-	0
Stage 1	111	-	-	-	-	-
Stage 2	0	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	886	942	1347	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	886	942	1347	-	-	-
Mov Cap-2 Maneuver	886	-	-	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.2	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1347	-	886	-	-	-
HCM Lane V/C Ratio	-	-	0.342	-	-	-
HCM Control Delay (s)	0	-	11.2	0	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0	-	1.5	-	-	-

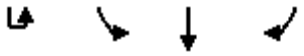
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (veh/h)	2	125	473	70	31	195	438	250	2	165	280	433
Future Volume (veh/h)	2	125	473	70	31	195	438	250	2	165	280	433
Initial Q (Qb), veh		0	0	0		0	0	0		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00		1.00		1.00		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Work Zone On Approach			No				No				No	
Adj Sat Flow, veh/h/ln		1796	1796	1796		1796	1796	1796		1796	1796	1796
Adj Flow Rate, veh/h		134	509	21		210	471	198		177	301	255
Peak Hour Factor		0.93	0.93	0.93		0.93	0.93	0.93		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7		7	7	7		7	7	7
Cap, veh/h		221	800	248		257	846	342		224	412	340
Arrive On Green		0.07	0.16	0.16		0.15	0.25	0.25		0.13	0.23	0.23
Sat Flow, veh/h		3319	4904	1522		1711	3430	1386		1711	1774	1463
Grp Volume(v), veh/h		134	509	21		210	448	221		177	289	267
Grp Sat Flow(s),veh/h/ln		1659	1635	1522		1711	1635	1547		1711	1706	1531
Q Serve(g_s), s		3.1	7.6	0.9		9.3	9.4	9.8		7.8	12.3	12.7
Cycle Q Clear(g_c), s		3.1	7.6	0.9		9.3	9.4	9.8		7.8	12.3	12.7
Prop In Lane		1.00		1.00		1.00		0.90		1.00		0.96
Lane Grp Cap(c), veh/h		221	800	248		257	807	382		224	396	355
V/C Ratio(X)		0.61	0.64	0.08		0.82	0.56	0.58		0.79	0.73	0.75
Avail Cap(c_a), veh/h		1074	1292	401		554	861	408		1057	550	493
HCM Platoon Ratio		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Uniform Delay (d), s/veh		35.5	30.5	27.8		32.2	25.7	25.9		32.9	27.7	27.9
Incr Delay (d2), s/veh		3.0	1.1	0.2		7.0	0.9	2.2		6.9	4.0	5.2
Initial Q Delay(d3),s/veh		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		1.3	3.0	0.3		4.2	3.6	3.7		3.6	5.2	5.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		38.5	31.6	27.9		39.2	26.6	28.0		39.8	31.7	33.1
LnGrp LOS		D	C	C		D	C	C		D	C	C
Approach Vol, veh/h			664				879				733	
Approach Delay, s/veh			32.9				29.9				34.2	
Approach LOS			C				C				C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.4	18.2	14.9	28.6	9.9	24.7	19.6	24.0
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 25	20.6	* 48	* 26	* 25	20.6	* 48	25.2
Max Q Clear Time (g_c+I1), s	11.3	9.6	9.8	9.1	5.1	11.8	12.7	14.7
Green Ext Time (p_c), s	0.6	3.2	0.6	2.6	0.4	3.5	2.2	3.3

Intersection Summary	
HCM 6th Ctrl Delay	31.0
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBU	SBL	SBT	SBR
Lane Configurations				
Traffic Volume (veh/h)	8	448	285	85
Future Volume (veh/h)	8	448	285	85
Initial Q (Qb), veh		0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00
Parking Bus, Adj		1.00	1.00	1.00
Work Zone On Approach			No	
Adj Sat Flow, veh/h/ln		1796	1796	1796
Adj Flow Rate, veh/h		482	306	73
Peak Hour Factor		0.93	0.93	0.93
Percent Heavy Veh, %		7	7	7
Cap, veh/h		633	801	188
Arrive On Green		0.19	0.29	0.29
Sat Flow, veh/h		3319	2742	644
Grp Volume(v), veh/h		482	189	190
Grp Sat Flow(s),veh/h/ln		1659	1706	1680
Q Serve(g_s), s		10.7	6.9	7.1
Cycle Q Clear(g_c), s		10.7	6.9	7.1
Prop In Lane		1.00		0.38
Lane Grp Cap(c), veh/h		633	498	490
V/C Ratio(X)		0.76	0.38	0.39
Avail Cap(c_a), veh/h		2050	559	550
HCM Platoon Ratio		1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00
Uniform Delay (d), s/veh		29.9	22.0	22.1
Incr Delay (d2), s/veh		2.2	0.6	0.6
Initial Q Delay(d3),s/veh		0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		4.3	2.7	2.8
Unsig. Movement Delay, s/veh				
LnGrp Delay(d),s/veh		32.1	22.6	22.7
LnGrp LOS		C	C	C
Approach Vol, veh/h			861	
Approach Delay, s/veh			28.0	
Approach LOS			C	
Timer - Assigned Phs				



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1099	290	454	713	0	0	0	0	177	0	220
Future Volume (veh/h)	0	1099	290	454	713	0	0	0	0	177	0	220
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1781	1781	1781	1781	0				1781	1781	1781
Adj Flow Rate, veh/h	0	1195	281	493	775	0				192	0	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				0.92	0.92	0.92
Percent Heavy Veh, %	0	8	8	8	8	0				8	8	8
Cap, veh/h	0	1758	413	520	3845	0				222	0	198
Arrive On Green	0.00	0.45	0.45	0.31	0.79	0.00				0.13	0.00	0.13
Sat Flow, veh/h	0	4093	925	1697	5024	0				1697	0	1510
Grp Volume(v), veh/h	0	985	491	493	775	0				192	0	22
Grp Sat Flow(s),veh/h/ln	0	1621	1615	1697	1621	0				1697	0	1510
Q Serve(g_s), s	0.0	31.4	31.4	36.9	5.2	0.0				14.4	0.0	1.7
Cycle Q Clear(g_c), s	0.0	31.4	31.4	36.9	5.2	0.0				14.4	0.0	1.7
Prop In Lane	0.00		0.57	1.00		0.00				1.00		1.00
Lane Grp Cap(c), veh/h	0	1449	722	520	3845	0				222	0	198
V/C Ratio(X)	0.00	0.68	0.68	0.95	0.20	0.00				0.86	0.00	0.11
Avail Cap(c_a), veh/h	0	1449	722	590	3845	0				394	0	351
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.67	0.67	0.70	0.70	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	28.6	28.6	44.0	3.4	0.0				55.4	0.0	49.8
Incr Delay (d2), s/veh	0.0	1.7	3.5	18.3	0.1	0.0				3.9	0.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	12.4	12.7	18.0	1.5	0.0				6.4	0.0	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	30.3	32.0	62.3	3.5	0.0				59.3	0.0	49.9
LnGrp LOS	A	C	C	E	A	A				E	A	D
Approach Vol, veh/h		1476			1268						214	
Approach Delay, s/veh		30.9			26.3						58.3	
Approach LOS		C			C						E	

Timer - Assigned Phs	1	2		4		6			
Phs Duration (G+Y+Rc), s	44.7	63.5		21.8		108.2			
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4			
Max Green Setting (Gmax), s	* 15	39.6		* 30		89.6			
Max Q Clear Time (g_c+I1), s	38.9	33.4		16.4		7.2			
Green Ext Time (p_c), s	1.0	4.5		0.6		6.7			

Intersection Summary	
HCM 6th Ctrl Delay	30.9
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	235	1041	0	0	1042	191	130	5	408	0	0	0
Future Volume (veh/h)	235	1041	0	0	1042	191	130	5	408	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1781	1781	0	0	1781	1781	1781	1781	1781			
Adj Flow Rate, veh/h	255	1132	0	0	1133	191	141	5	367			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	8	8	0	0	8	8	8	8	8			
Cap, veh/h	282	3253	0	0	1957	330	431	15	395			
Arrive On Green	0.17	0.67	0.00	0.00	0.47	0.47	0.26	0.26	0.26			
Sat Flow, veh/h	1697	5024	0	0	4336	704	1641	58	1505			
Grp Volume(v), veh/h	255	1132	0	0	880	444	146	0	367			
Grp Sat Flow(s),veh/h/ln	1697	1621	0	0	1621	1637	1699	0	1505			
Q Serve(g_s), s	20.7	14.1	0.0	0.0	27.7	27.7	9.7	0.0	33.3			
Cycle Q Clear(g_c), s	20.7	14.1	0.0	0.0	27.7	27.7	9.7	0.0	33.3			
Prop In Lane	1.00		0.00	0.00		0.43	0.97		1.00			
Lane Grp Cap(c), veh/h	282	3253	0	0	1519	767	446	0	395			
V/C Ratio(X)	0.91	0.35	0.00	0.00	0.58	0.58	0.33	0.00	0.93			
Avail Cap(c_a), veh/h	427	3253	0	0	1519	767	524	0	464			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.52	0.52	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	57.3	10.0	0.0	0.0	27.1	27.1	41.7	0.0	50.4			
Incr Delay (d2), s/veh	9.6	0.2	0.0	0.0	1.6	3.2	0.4	0.0	23.3			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	9.6	5.0	0.0	0.0	11.1	11.5	4.2	0.0	15.1			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	66.9	10.2	0.0	0.0	28.7	30.3	42.1	0.0	73.6			
LnGrp LOS	E	B	A	A	C	C	D	A	E			
Approach Vol, veh/h		1387			1324			513				
Approach Delay, s/veh		20.6			29.3			64.6				
Approach LOS		C			C			E				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		98.5			28.0	70.4		41.5				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 87			* 35	* 47		43.2				
Max Q Clear Time (g_c+I1), s		16.1			22.7	29.7		35.3				
Green Ext Time (p_c), s		11.4			0.6	8.8		1.4				

Intersection Summary	
HCM 6th Ctrl Delay	31.2
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

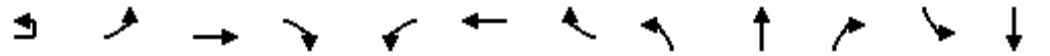
Intersection	
Int Delay, s/veh	6.1

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations														
Traffic Vol, veh/h	13	185	1042	207	1	90	1133	30	0	0	157	0	0	55
Future Vol, veh/h	13	185	1042	207	1	90	1133	30	0	0	157	0	0	55
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	-	None	-	-	-	None	-	-	None	-	-	None
Storage Length	-	140	-	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Grade, %	-	-	0	-	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Mvmt Flow	14	201	1133	225	1	98	1232	33	0	0	171	0	0	60

Major/Minor	Major1				Major2				Minor1			Minor2		
Conflicting Flow All	923	1265	0	0	991	1358	0	0	-	-	679	-	-	633
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	5.76	5.46	-	-	5.76	5.46	-	-	-	-	7.26	-	-	7.26
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.38	3.18	-	-	2.38	3.18	-	-	-	-	3.98	-	-	3.98
Pot Cap-1 Maneuver	461	276	-	-	422	248	-	-	0	0	327	0	0	351
Stage 1	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %			-	-			-	-						
Mov Cap-1 Maneuver	281	281	-	-	248	248	-	-	-	-	327	-	-	351
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	6.8	2.1	27.4	17.4
HCM LOS			D	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	327	281	-	-	248	-	-	351
HCM Lane V/C Ratio	0.522	0.766	-	-	0.399	-	-	0.17
HCM Control Delay (s)	27.4	49.8	-	-	28.9	-	-	17.4
HCM Lane LOS	D	E	-	-	D	-	-	C
HCM 95th %tile Q(veh)	2.9	5.8	-	-	1.8	-	-	0.6



Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	25	529	575	75	83	773	83	244	34	68	28	45
Future Volume (veh/h)	25	529	575	75	83	773	83	244	34	68	28	45
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1767	1767	1767	1767	1767	1767	1767	1767	1767	1767	1767
Adj Flow Rate, veh/h		601	653	71	94	878	22	277	39	22	32	51
Peak Hour Factor		0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Percent Heavy Veh, %		9	9	9	9	9	9	9	9	9	9	9
Cap, veh/h		747	1918	207	121	1333	33	324	369	313	54	83
Arrive On Green		0.23	0.43	0.43	0.07	0.28	0.28	0.19	0.21	0.21	0.03	0.05
Sat Flow, veh/h		3264	4420	476	1682	4839	121	1682	1767	1497	1682	1767
Grp Volume(v), veh/h		601	473	251	94	583	317	277	39	22	32	51
Grp Sat Flow(s),veh/h/ln		1632	1608	1681	1682	1608	1745	1682	1767	1497	1682	1767
Q Serve(g_s), s		13.7	7.7	7.8	4.3	12.7	12.7	12.6	1.4	0.9	1.5	2.2
Cycle Q Clear(g_c), s		13.7	7.7	7.8	4.3	12.7	12.7	12.6	1.4	0.9	1.5	2.2
Prop In Lane		1.00		0.28	1.00		0.07	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		747	1395	729	121	886	481	324	369	313	54	83
V/C Ratio(X)		0.80	0.34	0.34	0.78	0.66	0.66	0.85	0.11	0.07	0.60	0.61
Avail Cap(c_a), veh/h		1753	2244	1173	394	1234	670	595	448	379	597	430
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		28.8	14.8	14.9	36.0	25.3	25.3	30.8	25.3	25.1	37.7	36.9
Incr Delay (d2), s/veh		2.1	0.2	0.4	10.3	1.2	2.2	6.4	0.1	0.1	10.1	14.6
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		5.4	2.7	2.9	2.1	4.8	5.3	5.5	0.6	0.3	0.7	1.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		30.9	15.0	15.3	46.3	26.5	27.5	37.2	25.4	25.2	47.8	51.5
LnGrp LOS		C	B	B	D	C	C	D	C	C	D	D
Approach Vol, veh/h			1325			994			338			106
Approach Delay, s/veh			22.3			28.7			35.1			48.4
Approach LOS			C			C			D			D

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.2	40.0	19.8	9.0	22.7	27.4	7.0	21.8
Change Period (Y+Rc), s	4.5	* 5.7	4.6	5.3	4.6	5.7	4.5	* 5.3
Max Green Setting (Gmax), s	18.5	* 55	27.9	19.2	42.4	30.3	28.0	* 20
Max Q Clear Time (g_c+I1), s	6.3	9.8	14.6	4.2	15.7	14.7	3.5	3.4
Green Ext Time (p_c), s	0.2	8.2	0.7	0.4	2.3	7.1	0.1	0.2

Intersection Summary	
HCM 6th Ctrl Delay	27.1
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	191
Future Volume (veh/h)	191
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1767
Adj Flow Rate, veh/h	23
Peak Hour Factor	0.88
Percent Heavy Veh, %	9
Cap, veh/h	70
Arrive On Green	0.05
Sat Flow, veh/h	1497
Grp Volume(v), veh/h	23
Grp Sat Flow(s),veh/h/ln	1497
Q Serve(g_s), s	1.2
Cycle Q Clear(g_c), s	1.2
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	70
V/C Ratio(X)	0.33
Avail Cap(c_a), veh/h	364
HCM Platoon Ratio	1.00
Upstream Filter(I)	1.00
Uniform Delay (d), s/veh	36.4
Incr Delay (d2), s/veh	5.6
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	0.5
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	42.0
LnGrp LOS	D
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	



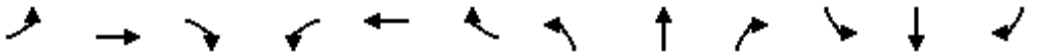
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	244	407	45	180	687	25	65	200	90	15	75	212
Future Volume (veh/h)	244	407	45	180	687	25	65	200	90	15	75	212
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h	254	424	27	188	716	21	68	208	72	16	78	36
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	6	6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h	316	1332	84	242	1170	34	105	260	90	34	292	247
Arrive On Green	0.18	0.28	0.28	0.14	0.24	0.24	0.06	0.20	0.20	0.02	0.16	0.16
Sat Flow, veh/h	1725	4754	300	1725	4937	144	1725	1286	445	1725	1811	1535
Grp Volume(v), veh/h	254	293	158	188	477	260	68	0	280	16	78	36
Grp Sat Flow(s),veh/h/ln	1725	1648	1757	1725	1648	1785	1725	0	1731	1725	1811	1535
Q Serve(g_s), s	7.1	3.5	3.6	5.3	6.5	6.5	1.9	0.0	7.7	0.5	1.9	1.0
Cycle Q Clear(g_c), s	7.1	3.5	3.6	5.3	6.5	6.5	1.9	0.0	7.7	0.5	1.9	1.0
Prop In Lane	1.00		0.17	1.00		0.08	1.00		0.26	1.00		1.00
Lane Grp Cap(c), veh/h	316	923	492	242	781	423	105	0	350	34	292	247
V/C Ratio(X)	0.80	0.32	0.32	0.78	0.61	0.61	0.65	0.00	0.80	0.47	0.27	0.15
Avail Cap(c_a), veh/h	531	1212	646	531	1212	656	291	0	430	189	342	290
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	19.7	14.3	14.3	20.9	17.1	17.1	23.1	0.0	19.1	24.4	18.5	18.1
Incr Delay (d2), s/veh	4.8	0.2	0.4	5.3	0.8	1.4	6.5	0.0	8.5	9.5	0.5	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.0	1.2	1.3	2.3	2.3	2.5	0.9	0.0	3.6	0.3	0.8	0.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	24.4	14.5	14.7	26.2	17.9	18.6	29.6	0.0	27.7	33.9	19.0	18.4
LnGrp LOS	C	B	B	C	B	B	C	A	C	C	B	B
Approach Vol, veh/h		705			925			348			130	
Approach Delay, s/veh		18.1			19.8			28.0			20.7	
Approach LOS		B			B			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	13.7	16.4	7.6	12.6	11.6	18.6	5.5	14.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	15.5	18.5	8.5	9.5	15.5	18.5	5.5	12.5
Max Q Clear Time (g_c+I1), s	9.1	8.5	3.9	3.9	7.3	5.6	2.5	9.7
Green Ext Time (p_c), s	0.4	3.4	0.0	0.2	0.3	2.3	0.0	0.4

Intersection Summary	
HCM 6th Ctrl Delay	20.6
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	209	597	131	342	595	343	221	705	512	644	780	171
Future Volume (veh/h)	209	597	131	342	595	343	221	705	512	644	780	171
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	211	603	20	345	601	265	223	712	416	651	788	160
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	253	776	241	303	871	375	260	575	335	766	1006	204
Arrive On Green	0.07	0.15	0.15	0.17	0.25	0.25	0.15	0.27	0.27	0.22	0.34	0.34
Sat Flow, veh/h	3428	5066	1572	1767	3470	1494	1767	2143	1249	3428	2918	593
Grp Volume(v), veh/h	211	603	20	345	585	281	223	585	543	651	476	472
Grp Sat Flow(s),veh/h/ln	1714	1689	1572	1767	1689	1587	1767	1763	1629	1714	1763	1748
Q Serve(g_s), s	6.8	12.9	1.2	19.3	17.6	18.2	13.8	30.2	30.2	20.5	27.3	27.3
Cycle Q Clear(g_c), s	6.8	12.9	1.2	19.3	17.6	18.2	13.8	30.2	30.2	20.5	27.3	27.3
Prop In Lane	1.00		1.00	1.00		0.94	1.00		0.77	1.00		0.34
Lane Grp Cap(c), veh/h	253	776	241	303	847	398	260	473	437	766	608	603
V/C Ratio(X)	0.83	0.78	0.08	1.14	0.69	0.71	0.86	1.24	1.24	0.85	0.78	0.78
Avail Cap(c_a), veh/h	253	928	288	303	949	446	618	473	437	1198	608	603
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	51.4	45.8	40.8	46.6	38.2	38.4	46.8	41.1	41.1	41.8	33.1	33.1
Incr Delay (d2), s/veh	20.9	3.9	0.2	94.2	2.1	4.9	8.8	123.6	126.4	3.9	6.9	6.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.7	5.7	0.5	16.3	7.5	7.6	6.7	29.2	27.3	9.0	12.6	12.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	72.3	49.6	41.0	140.8	40.2	43.3	55.6	164.7	167.5	45.7	39.9	40.0
LnGrp LOS	E	D	D	F	D	D	E	F	F	D	D	D
Approach Vol, veh/h		834			1211			1351			1599	
Approach Delay, s/veh		55.2			69.6			147.8			42.3	
Approach LOS		E			E			F			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	24.0	22.6	21.3	44.6	13.0	33.6	29.8	36.0
Change Period (Y+Rc), s	* 4.7	5.4	* 4.7	* 5.8	* 4.7	5.4	* 4.7	5.8
Max Green Setting (Gmax), s	* 19	20.6	* 39	* 31	* 8.3	31.6	* 39	30.2
Max Q Clear Time (g_c+I1), s	21.3	14.9	15.8	29.3	8.8	20.2	22.5	32.2
Green Ext Time (p_c), s	0.0	2.3	0.7	0.9	0.0	5.3	2.7	0.0

Intersection Summary	
HCM 6th Ctrl Delay	79.6
HCM 6th LOS	E

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	1369	406	605	971	0	0	0	0	138	5	330
Future Volume (veh/h)	0	1369	406	605	971	0	0	0	0	138	5	330
Initial Q (Qb), veh	0	0	0	0	0	0				0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00				1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00	1.00
Work Zone On Approach		No			No						No	
Adj Sat Flow, veh/h/ln	0	1841	1841	1841	1841	0				1841	1841	1841
Adj Flow Rate, veh/h	0	1521	409	756	1214	0				153	6	240
Peak Hour Factor	0.90	0.90	0.90	0.80	0.80	0.80				0.90	0.90	0.90
Percent Heavy Veh, %	0	4	4	4	4	0				4	4	4
Cap, veh/h	0	1286	343	716	3862	0				268	11	247
Arrive On Green	0.00	0.33	0.33	0.82	1.00	0.00				0.16	0.16	0.16
Sat Flow, veh/h	0	4115	1052	1753	5191	0				1690	66	1560
Grp Volume(v), veh/h	0	1288	642	756	1214	0				159	0	240
Grp Sat Flow(s),veh/h/ln	0	1675	1651	1753	1675	0				1756	0	1560
Q Serve(g_s), s	0.0	45.6	45.6	57.2	0.0	0.0				11.7	0.0	21.4
Cycle Q Clear(g_c), s	0.0	45.6	45.6	57.2	0.0	0.0				11.7	0.0	21.4
Prop In Lane	0.00		0.64	1.00		0.00				0.96		1.00
Lane Grp Cap(c), veh/h	0	1091	538	716	3862	0				278	0	247
V/C Ratio(X)	0.00	1.18	1.19	1.06	0.31	0.00				0.57	0.00	0.97
Avail Cap(c_a), veh/h	0	1091	538	716	3862	0				278	0	247
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	1.00				1.00	1.00	1.00
Upstream Filter(I)	0.00	0.54	0.54	0.50	0.50	0.00				1.00	0.00	1.00
Uniform Delay (d), s/veh	0.0	47.2	47.2	12.8	0.0	0.0				54.5	0.0	58.6
Incr Delay (d2), s/veh	0.0	86.7	97.0	39.9	0.1	0.0				1.8	0.0	48.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	32.0	33.1	13.2	0.0	0.0				5.4	0.0	11.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	133.9	144.2	52.7	0.1	0.0				56.3	0.0	107.1
LnGrp LOS	A	F	F	F	A	A				E	A	F
Approach Vol, veh/h		1930			1970						399	
Approach Delay, s/veh		137.3			20.3						86.8	
Approach LOS		F			C						F	

Timer - Assigned Phs	1	2		4		6
Phs Duration (G+Y+Rc), s	62.0	51.0		27.0		113.0
Change Period (Y+Rc), s	* 4.8	5.4		* 4.8		5.4
Max Green Setting (Gmax), s	* 57	45.6		* 22		107.6
Max Q Clear Time (g_c+I1), s	59.2	47.6		23.4		2.0
Green Ext Time (p_c), s	0.0	0.0		0.0		12.8

Intersection Summary	
HCM 6th Ctrl Delay	79.0
HCM 6th LOS	E

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	252	1255	0	0	1424	211	152	1	380	0	0	0
Future Volume (veh/h)	252	1255	0	0	1424	211	152	1	380	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1841	1841	0	0	1841	1841	1841	1841	1841			
Adj Flow Rate, veh/h	296	1476	0	0	1780	245	171	1	362			
Peak Hour Factor	0.85	0.85	0.85	0.80	0.80	0.80	0.89	0.89	0.89			
Percent Heavy Veh, %	4	4	0	0	4	4	4	4	4			
Cap, veh/h	265	3704	0	0	2458	336	339	2	302			
Arrive On Green	0.15	0.74	0.00	0.00	0.55	0.55	0.19	0.19	0.19			
Sat Flow, veh/h	1753	5191	0	0	4623	609	1743	10	1553			
Grp Volume(v), veh/h	296	1476	0	0	1334	691	172	0	362			
Grp Sat Flow(s),veh/h/ln	1753	1675	0	0	1675	1716	1754	0	1553			
Q Serve(g_s), s	21.2	15.3	0.0	0.0	41.6	42.3	12.3	0.0	27.2			
Cycle Q Clear(g_c), s	21.2	15.3	0.0	0.0	41.6	42.3	12.3	0.0	27.2			
Prop In Lane	1.00		0.00	0.00		0.35	0.99		1.00			
Lane Grp Cap(c), veh/h	265	3704	0	0	1847	946	341	0	302			
V/C Ratio(X)	1.12	0.40	0.00	0.00	0.72	0.73	0.50	0.00	1.20			
Avail Cap(c_a), veh/h	265	3704	0	0	1847	946	341	0	302			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Upstream Filter(I)	0.09	0.09	0.00	0.00	1.00	1.00	1.00	0.00	1.00			
Uniform Delay (d), s/veh	59.4	6.8	0.0	0.0	23.4	23.6	50.4	0.0	56.4			
Incr Delay (d2), s/veh	57.1	0.0	0.0	0.0	2.5	4.9	1.2	0.0	117.4			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	18.6	5.1	0.0	0.0	16.8	18.1	5.5	0.0	20.5			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	116.5	6.9	0.0	0.0	25.9	28.5	51.6	0.0	173.8			
LnGrp LOS	F	A	A	A	C	C	D	A	F			
Approach Vol, veh/h		1772			2025			534				
Approach Delay, s/veh		25.2			26.8			134.5				
Approach LOS		C			C			F				
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		108.0			26.0	82.0		32.0				
Change Period (Y+Rc), s		* 4.8			* 4.8	* 4.8		4.8				
Max Green Setting (Gmax), s		* 1E2			* 21	* 77		27.2				
Max Q Clear Time (g_c+I1), s		17.3			23.2	44.3		29.2				
Green Ext Time (p_c), s		18.0			0.0	20.8		0.0				

Intersection Summary	
HCM 6th Ctrl Delay	39.4
HCM 6th LOS	D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	57.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	152	1354	129	265	1547	20	0	0	226	0	0	57
Future Vol, veh/h	152	1354	129	265	1547	20	0	0	226	0	0	57
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	140	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	85	85	85	80	80	80	82	82	82	80	80	80
Heavy Vehicles, %	4	4	4	4	4	4	4	4	4	4	4	4
Mvmt Flow	179	1593	152	331	1934	25	0	0	276	0	0	71

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1959	0	0	1745	0	0	-	-	873	-	-	980
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	5.38	-	-	5.38	-	-	-	-	7.18	-	-	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.14	-	-	3.14	-	-	-	-	3.94	-	-	3.94
Pot Cap-1 Maneuver	~ 128	-	-	~ 165	-	-	0	0	~ 249	0	0	211
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	~ 128	-	-	~ 165	-	-	-	-	~ 249	-	-	211
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	26.3	75.2	131.7	30.5
HCM LOS			F	D

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	249	~ 128	-	-	~ 165	-	-	211
HCM Lane V/C Ratio	1.107	1.397	-	-	2.008	-	-	0.338
HCM Control Delay (s)	131.7	282.7	-	-	$ 520.2	-	-	30.5
HCM Lane LOS	F	F	-	-	F	-	-	D
HCM 95th %tile Q(veh)	12	12	-	-	25.6	-	-	1.4

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	7	456	1042	75	84	1294	168	181	31	67	142	45
Future Volume (veh/h)	7	456	1042	75	84	1294	168	181	31	67	142	45
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h		536	1226	82	105	1618	123	197	34	22	167	49
Peak Hour Factor		0.85	0.85	0.85	0.80	0.80	0.80	0.92	0.92	0.92	0.85	0.92
Percent Heavy Veh, %		4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h		628	2817	188	101	2182	166	231	120	101	200	85
Arrive On Green		0.18	0.59	0.59	0.06	0.46	0.46	0.13	0.06	0.06	0.11	0.05
Sat Flow, veh/h		3401	4811	322	1753	4764	362	1753	1841	1560	1753	1841
Grp Volume(v), veh/h		536	854	454	105	1137	604	197	34	22	167	49
Grp Sat Flow(s),veh/h/ln		1700	1675	1783	1753	1675	1776	1753	1841	1560	1753	1841
Q Serve(g_s), s		17.2	15.9	16.0	6.5	31.4	31.4	12.4	2.0	1.5	10.5	2.9
Cycle Q Clear(g_c), s		17.2	15.9	16.0	6.5	31.4	31.4	12.4	2.0	1.5	10.5	2.9
Prop In Lane		1.00		0.18	1.00		0.20	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		628	1962	1044	101	1534	813	231	120	101	200	85
V/C Ratio(X)		0.85	0.44	0.44	1.04	0.74	0.74	0.85	0.28	0.22	0.84	0.57
Avail Cap(c_a), veh/h		919	2474	1317	101	1736	920	469	193	164	470	180
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		44.4	13.0	13.0	53.0	25.0	25.0	47.8	50.1	49.9	48.8	52.6
Incr Delay (d2), s/veh		5.4	0.2	0.4	99.8	1.7	3.3	8.7	1.3	1.1	8.8	12.3
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		7.7	5.8	6.3	5.7	12.5	13.6	5.9	1.0	0.6	5.1	1.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		49.8	13.2	13.4	152.8	26.8	28.3	56.5	51.4	51.0	57.7	64.9
LnGrp LOS		D	B	B	F	C	C	E	D	D	E	E
Approach Vol, veh/h			1844			1846			253			262
Approach Delay, s/veh			23.9			34.4			55.3			61.3
Approach LOS			C			C			E			E

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	71.6	19.4	10.5	25.4	57.2	17.3	12.6
Change Period (Y+Rc), s	4.5	* 5.7	4.6	5.3	4.6	5.7	4.5	* 5.3
Max Green Setting (Gmax), s	6.5	* 83	30.1	11.0	30.4	58.3	30.2	* 12
Max Q Clear Time (g_c+I1), s	8.5	18.0	14.4	5.3	19.2	33.4	12.5	4.0
Green Ext Time (p_c), s	0.0	20.4	0.5	0.2	1.6	18.1	0.4	0.1

Intersection Summary	
HCM 6th Ctrl Delay	32.7
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

User approved ignoring U-Turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	319
Future Volume (veh/h)	319
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1841
Adj Flow Rate, veh/h	46
Peak Hour Factor	0.70
Percent Heavy Veh, %	4
Cap, veh/h	72
Arrive On Green	0.05
Sat Flow, veh/h	1560
Grp Volume(v), veh/h	46
Grp Sat Flow(s),veh/h/ln	1560
Q Serve(g_s), s	3.3
Cycle Q Clear(g_c), s	3.3
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	72
V/C Ratio(X)	0.64
Avail Cap(c_a), veh/h	152
HCM Platoon Ratio	1.00
Upstream Filter(I)	1.00
Uniform Delay (d), s/veh	52.7
Incr Delay (d2), s/veh	18.0
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	1.6
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	70.7
LnGrp LOS	E
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	200	851	200	145	936	38	170	225	110	64	150	440
Future Volume (veh/h)	200	851	200	145	936	38	170	225	110	64	150	440
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	217	925	179	181	1170	43	183	242	102	91	214	315
Peak Hour Factor	0.92	0.92	0.92	0.80	0.80	0.80	0.93	0.93	0.93	0.70	0.70	0.70
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	251	1369	264	218	1514	56	218	361	152	117	434	368
Arrive On Green	0.14	0.32	0.32	0.12	0.30	0.30	0.12	0.29	0.29	0.07	0.23	0.23
Sat Flow, veh/h	1767	4263	822	1767	5015	184	1767	1239	522	1767	1856	1572
Grp Volume(v), veh/h	217	732	372	181	788	425	183	0	344	91	214	315
Grp Sat Flow(s),veh/h/ln	1767	1689	1708	1767	1689	1822	1767	0	1762	1767	1856	1572
Q Serve(g_s), s	10.9	17.1	17.2	9.1	19.3	19.3	9.2	0.0	15.6	4.6	9.1	17.4
Cycle Q Clear(g_c), s	10.9	17.1	17.2	9.1	19.3	19.3	9.2	0.0	15.6	4.6	9.1	17.4
Prop In Lane	1.00		0.48	1.00		0.10	1.00		0.30	1.00		1.00
Lane Grp Cap(c), veh/h	251	1084	548	218	1020	550	218	0	513	117	434	368
V/C Ratio(X)	0.86	0.68	0.68	0.83	0.77	0.77	0.84	0.00	0.67	0.78	0.49	0.86
Avail Cap(c_a), veh/h	274	1133	573	321	1222	659	282	0	591	282	623	528
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.1	26.8	26.8	38.9	28.9	28.9	38.9	0.0	28.4	41.8	30.1	33.3
Incr Delay (d2), s/veh	22.3	1.5	3.1	11.3	2.6	4.7	15.7	0.0	2.4	10.4	0.9	9.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.2	6.9	7.3	4.6	7.9	8.9	4.9	0.0	6.8	2.3	4.1	7.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	60.4	28.3	29.8	50.2	31.5	33.6	54.7	0.0	30.8	52.1	31.0	42.7
LnGrp LOS	E	C	C	D	C	C	D	A	C	D	C	D
Approach Vol, veh/h		1321			1394			527			620	
Approach Delay, s/veh		34.0			34.6			39.1			40.0	
Approach LOS		C			C			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	17.4	32.0	15.7	25.8	15.7	33.7	10.5	31.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.1	32.9	14.5	30.5	16.5	30.5	14.5	30.5
Max Q Clear Time (g_c+I1), s	12.9	21.3	11.2	19.4	11.1	19.2	6.6	17.6
Green Ext Time (p_c), s	0.1	6.1	0.1	1.8	0.2	5.6	0.1	1.7

Intersection Summary	
HCM 6th Ctrl Delay	35.9
HCM 6th LOS	D

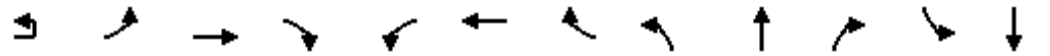
Intersection	
Int Delay, s/veh	2.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	1240	207	0	1133	30	0	0	157	0	0	55
Future Vol, veh/h	0	1240	207	0	1133	30	0	0	157	0	0	55
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	140	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	8	8	8	8	8	8	8	8	8	8	8	8
Mvmt Flow	0	1348	225	0	1232	33	0	0	171	0	0	60

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1265	0	0	1573	0	0	-	-	787	-	-	633
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	5.46	-	-	5.46	-	-	-	-	7.26	-	-	7.26
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.18	-	-	3.18	-	-	-	-	3.98	-	-	3.98
Pot Cap-1 Maneuver	276	-	-	193	-	-	0	0	277	0	0	351
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	276	-	-	193	-	-	-	-	277	-	-	351
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	36.8	17.4
HCM LOS			E	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	277	276	-	-	193	-	-	351
HCM Lane V/C Ratio	0.616	-	-	-	-	-	-	0.17
HCM Control Delay (s)	36.8	0	-	-	0	-	-	17.4
HCM Lane LOS	E	A	-	-	A	-	-	C
HCM 95th %tile Q(veh)	3.8	0	-	-	0	-	-	0.6



Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	38	714	575	75	128	728	83	244	34	68	28	90
Future Volume (veh/h)	38	714	575	75	128	728	83	244	34	68	28	90
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1767	1767	1767	1767	1767	1767	1767	1767	1767	1767	1767
Adj Flow Rate, veh/h		811	653	71	145	827	22	277	39	29	32	102
Peak Hour Factor		0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Percent Heavy Veh, %		9	9	9	9	9	9	9	9	9	9	9
Cap, veh/h		940	1871	202	177	1158	31	315	415	352	50	135
Arrive On Green		0.29	0.42	0.42	0.11	0.24	0.24	0.19	0.23	0.23	0.03	0.08
Sat Flow, veh/h		3264	4420	476	1682	4830	128	1682	1767	1497	1682	1767
Grp Volume(v), veh/h		811	473	251	145	550	299	277	39	29	32	102
Grp Sat Flow(s),veh/h/ln		1632	1608	1681	1682	1608	1744	1682	1767	1497	1682	1767
Q Serve(g_s), s		22.8	9.6	9.8	8.2	15.2	15.2	15.5	1.7	1.5	1.8	5.5
Cycle Q Clear(g_c), s		22.8	9.6	9.8	8.2	15.2	15.2	15.5	1.7	1.5	1.8	5.5
Prop In Lane		1.00		0.28	1.00		0.07	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		940	1361	712	177	770	418	315	415	352	50	135
V/C Ratio(X)		0.86	0.35	0.35	0.82	0.71	0.72	0.88	0.09	0.08	0.64	0.75
Avail Cap(c_a), veh/h		1430	1831	957	322	1007	546	485	415	352	487	350
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		32.6	18.9	18.9	42.4	33.7	33.8	38.3	29.0	28.9	46.4	43.8
Incr Delay (d2), s/veh		3.7	0.2	0.4	9.0	2.1	3.9	11.4	0.1	0.1	12.7	16.3
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		9.3	3.5	3.8	3.8	6.0	6.8	7.3	0.7	0.5	0.9	3.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		36.3	19.1	19.3	51.4	35.9	37.7	49.6	29.1	29.0	59.1	60.1
LnGrp LOS		D	B	B	D	D	D	D	C	C	E	E
Approach Vol, veh/h			1535			994			345			127
Approach Delay, s/veh			28.2			38.7			45.6			63.2
Approach LOS			C			D			D			E

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.7	46.7	22.7	12.7	32.5	28.9	7.4	28.0
Change Period (Y+Rc), s	4.5	* 5.7	4.6	5.3	4.6	5.7	4.5	* 5.3
Max Green Setting (Gmax), s	18.5	* 55	27.9	19.2	42.4	30.3	28.0	* 20
Max Q Clear Time (g_c+I1), s	10.2	11.8	17.5	7.5	24.8	17.2	3.8	3.7
Green Ext Time (p_c), s	0.2	8.2	0.6	0.6	3.1	6.0	0.1	0.2

Intersection Summary	
HCM 6th Ctrl Delay	35.2
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	145
Future Volume (veh/h)	145
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1767
Adj Flow Rate, veh/h	-7
Peak Hour Factor	0.88
Percent Heavy Veh, %	9
Cap, veh/h	115
Arrive On Green	0.00
Sat Flow, veh/h	1497
Grp Volume(v), veh/h	-7
Grp Sat Flow(s),veh/h/ln	1497
Q Serve(g_s), s	0.0
Cycle Q Clear(g_c), s	0.0
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	115
V/C Ratio(X)	-0.06
Avail Cap(c_a), veh/h	297
HCM Platoon Ratio	1.00
Upstream Filter(I)	0.00
Uniform Delay (d), s/veh	0.0
Incr Delay (d2), s/veh	0.0
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	0.0
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	0.0
LnGrp LOS	A
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	

Intersection	
Int Delay, s/veh	9.9

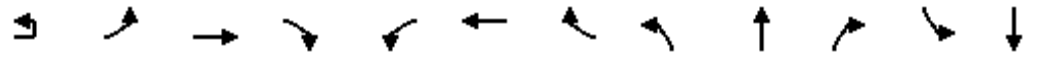
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	1506	129	0	1547	20	0	0	226	0	0	57
Future Vol, veh/h	0	1506	129	0	1547	20	0	0	226	0	0	57
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	140	-	-	100	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	85	85	85	80	80	80	90	90	90	80	80	80
Heavy Vehicles, %	4	4	4	4	4	4	4	4	4	4	4	4
Mvmt Flow	0	1772	152	0	1934	25	0	0	251	0	0	71

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1959	0	0	1924	0	0	-	-	962	-	-	980
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	5.38	-	-	5.38	-	-	-	-	7.18	-	-	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.14	-	-	3.14	-	-	-	-	3.94	-	-	3.94
Pot Cap-1 Maneuver	128	-	-	133	-	-	0	0	~ 217	0	0	211
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	128	-	-	133	-	-	-	-	~ 217	-	-	211
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	156.4	30.5
HCM LOS			F	D

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	217	128	-	-	133	-	-	211
HCM Lane V/C Ratio	1.157	-	-	-	-	-	-	0.338
HCM Control Delay (s)	156.4	0	-	-	0	-	-	30.5
HCM Lane LOS	F	A	-	-	A	-	-	D
HCM 95th %tile Q(veh)	12.1	0	-	-	0	-	-	1.4

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon



Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	7	608	1042	75	216	1162	168	181	31	67	142	176
Future Volume (veh/h)	7	608	1042	75	216	1162	168	181	31	67	142	176
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h		715	1226	82	270	1452	188	197	34	22	167	191
Peak Hour Factor		0.85	0.85	0.85	0.80	0.80	0.80	0.92	0.92	0.92	0.85	0.92
Percent Heavy Veh, %		4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h		586	1774	119	297	1642	212	226	271	230	187	229
Arrive On Green		0.17	0.37	0.37	0.17	0.36	0.36	0.13	0.15	0.15	0.11	0.12
Sat Flow, veh/h		3401	4811	322	1753	4503	583	1753	1841	1560	1753	1841
Grp Volume(v), veh/h		715	854	454	270	1080	560	197	34	22	167	191
Grp Sat Flow(s),veh/h/ln		1700	1675	1783	1753	1675	1736	1753	1841	1560	1753	1841
Q Serve(g_s), s		16.6	20.8	20.8	14.6	29.1	29.2	10.6	1.5	1.2	9.1	9.8
Cycle Q Clear(g_c), s		16.6	20.8	20.8	14.6	29.1	29.2	10.6	1.5	1.2	9.1	9.8
Prop In Lane		1.00		0.18	1.00		0.34	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		586	1235	657	297	1222	633	226	271	230	187	229
V/C Ratio(X)		1.22	0.69	0.69	0.91	0.88	0.88	0.87	0.13	0.10	0.89	0.83
Avail Cap(c_a), veh/h		586	1283	683	297	1242	643	226	346	293	187	289
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		39.9	25.8	25.8	39.3	28.7	28.7	41.2	35.7	35.5	42.5	41.2
Incr Delay (d2), s/veh		113.8	1.7	3.2	30.2	8.0	14.1	29.1	0.2	0.2	37.1	19.7
Initial Q Delay(d3),s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		16.1	8.3	9.1	8.7	12.6	14.2	6.4	0.7	0.5	5.8	5.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh		153.7	27.5	29.0	69.5	36.7	42.8	70.3	35.9	35.7	79.5	60.9
LnGrp LOS		F	C	C	E	D	D	E	D	D	E	E
Approach Vol, veh/h			2023			1910			253			315
Approach Delay, s/veh			72.4			43.1			62.7			79.1
Approach LOS			E			D			E			E

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	20.8	41.2	17.0	17.3	21.2	40.8	14.8	19.5
Change Period (Y+Rc), s	4.5	* 5.7	4.6	5.3	4.6	5.7	4.5	* 5.3
Max Green Setting (Gmax), s	16.3	* 37	12.4	15.1	16.6	35.7	10.3	* 18
Max Q Clear Time (g_c+I1), s	16.6	22.8	12.6	11.8	18.6	31.2	11.1	3.5
Green Ext Time (p_c), s	0.0	9.3	0.0	0.5	0.0	4.0	0.0	0.1

Intersection Summary	
HCM 6th Ctrl Delay	59.9
HCM 6th LOS	E

Notes

User approved pedestrian interval to be less than phase max green.
User approved ignoring U-Turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	186
Future Volume (veh/h)	186
Initial Q (Qb), veh	0
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1841
Adj Flow Rate, veh/h	-43
Peak Hour Factor	0.70
Percent Heavy Veh, %	4
Cap, veh/h	194
Arrive On Green	0.00
Sat Flow, veh/h	1560
Grp Volume(v), veh/h	-43
Grp Sat Flow(s),veh/h/ln	1560
Q Serve(g_s), s	0.0
Cycle Q Clear(g_c), s	0.0
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	194
V/C Ratio(X)	-0.22
Avail Cap(c_a), veh/h	245
HCM Platoon Ratio	1.00
Upstream Filter(I)	0.00
Uniform Delay (d), s/veh	0.0
Incr Delay (d2), s/veh	0.0
Initial Q Delay(d3),s/veh	0.0
%ile BackOfQ(50%),veh/ln	0.0
Unsig. Movement Delay, s/veh	
LnGrp Delay(d),s/veh	0.0
LnGrp LOS	A
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	