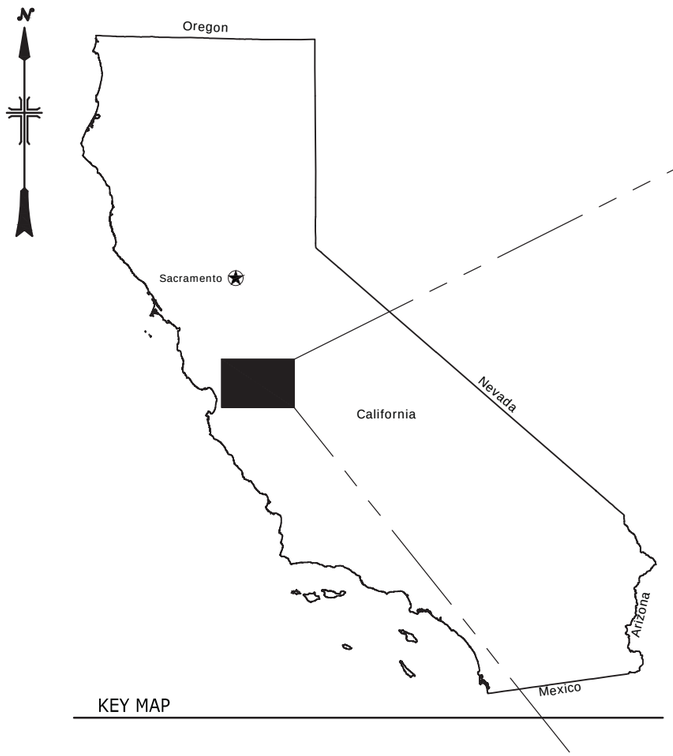
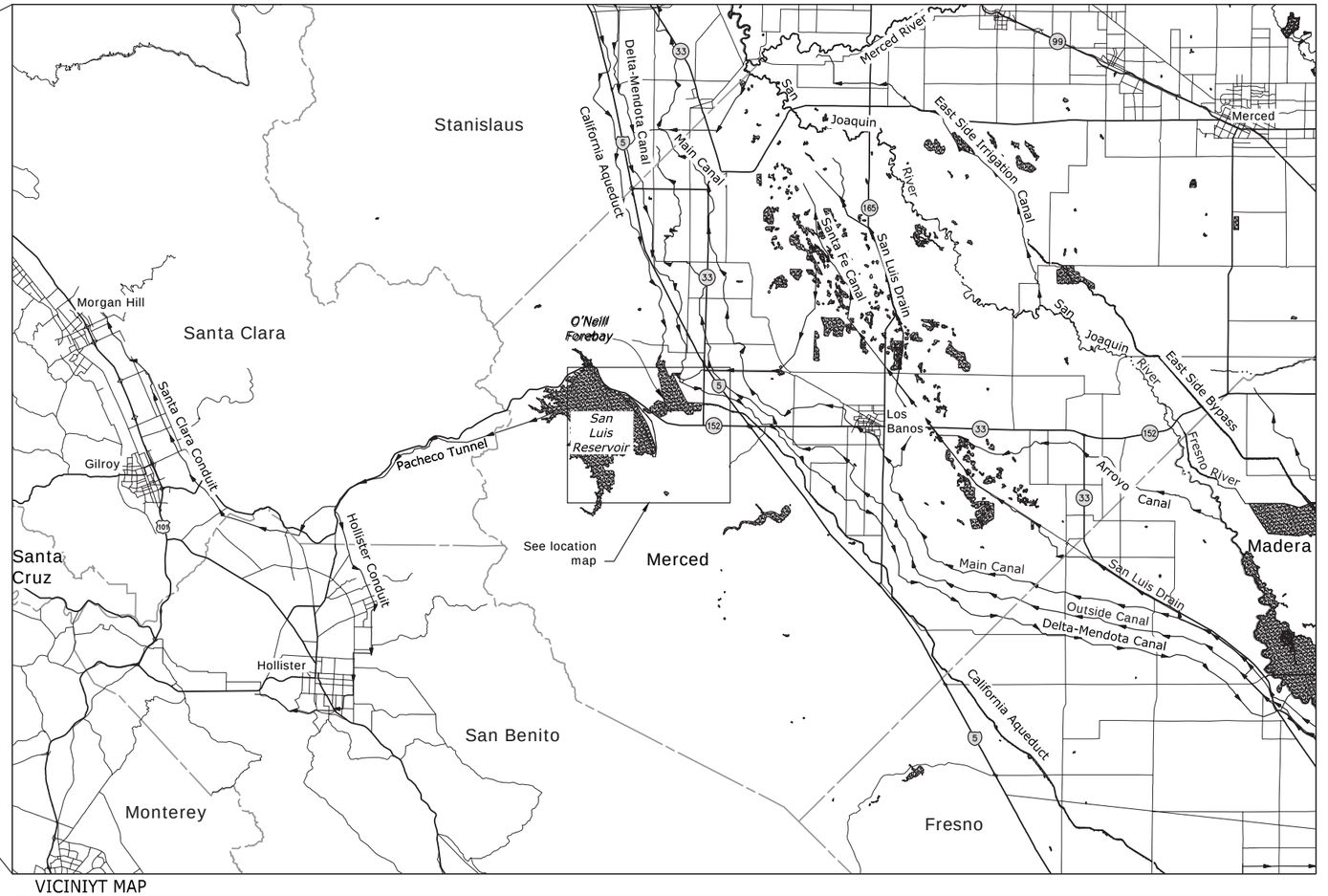
Appendix A

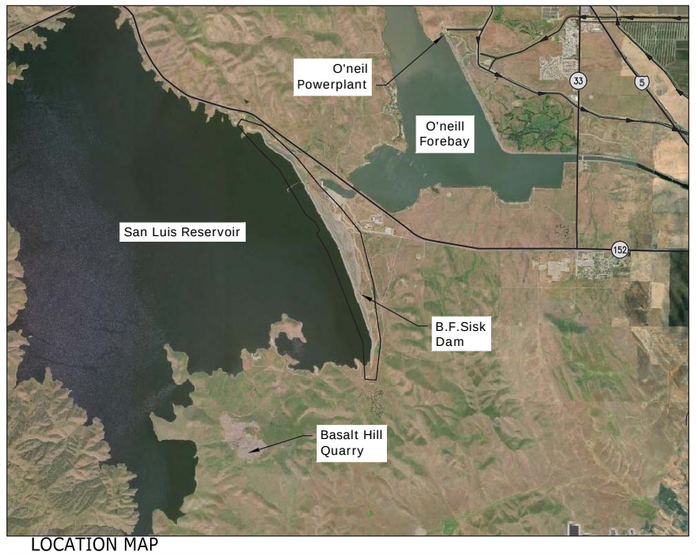
Project Plans



KEY MAP



VICINIYT MAP



LOCATION MAP

LEGEND

- County Boundary
- Interstate Highway
- State Highway
- Paved Road
- River/Creek
- Canal
- Reservoir/Lake

RECLAMATION
Managing Water in the West

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CENTRAL VALLEY PROJECT
WEST SAN JOAQUIN DIVISION

B.F. SISK DAM

SOD MODIFICATIONS, PHASE I

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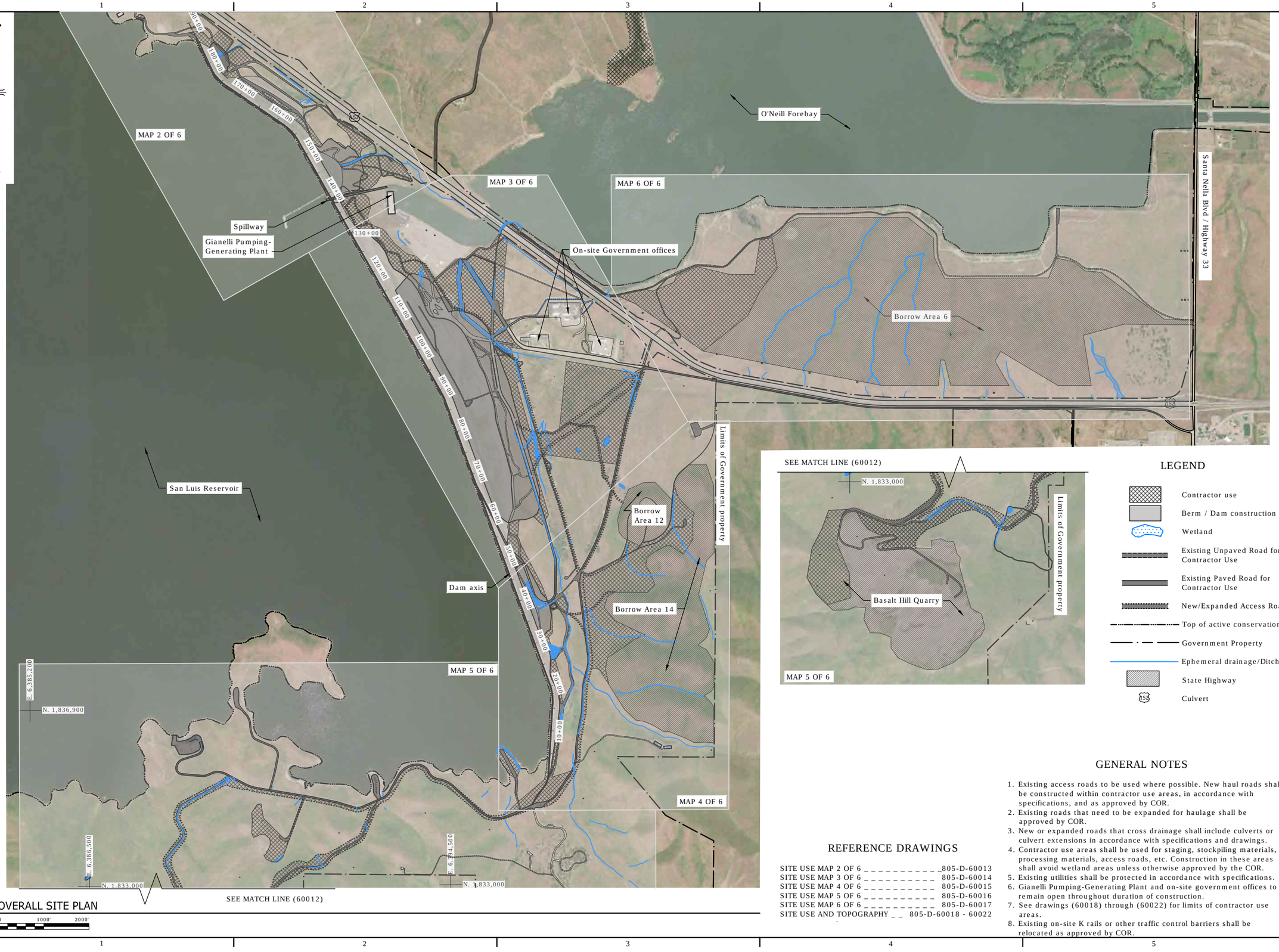
LOCATION AND VICINITY PLAN MAPS

805-D-60011

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CAD FILENAME
805-D-60011 LOCATION.DWG



SEE MATCH LINE (60012)

OVERALL SITE PLAN

0 1000' 2000'

SEE MATCH LINE (60012)

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- State Highway
- Culvert

GENERAL NOTES

1. Existing access roads to be used where possible. New haul roads shall be constructed within contractor use areas, in accordance with specifications, and as approved by COR.
2. Existing roads that need to be expanded for haulage shall be approved by COR.
3. New or expanded roads that cross drainage shall include culverts or culvert extensions in accordance with specifications and drawings.
4. Contractor use areas shall be used for staging, stockpiling materials, processing materials, access roads, etc. Construction in these areas shall avoid wetland areas unless otherwise approved by the COR.
5. Existing utilities shall be protected in accordance with specifications.
6. Gianelli Pumping-Generating Plant and on-site government offices to remain open throughout duration of construction.
7. See drawings (60018) through (60022) for limits of contractor use areas.
8. Existing on-site K rails or other traffic control barriers shall be relocated as approved by COR.

REFERENCE DRAWINGS

SITE USE MAP 2 OF 6	805-D-60013
SITE USE MAP 3 OF 6	805-D-60014
SITE USE MAP 4 OF 6	805-D-60015
SITE USE MAP 5 OF 6	805-D-60016
SITE USE MAP 6 OF 6	805-D-60017
SITE USE AND TOPOGRAPHY	805-D-60018 - 60022

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SITE USE
MAP 1 OF 6

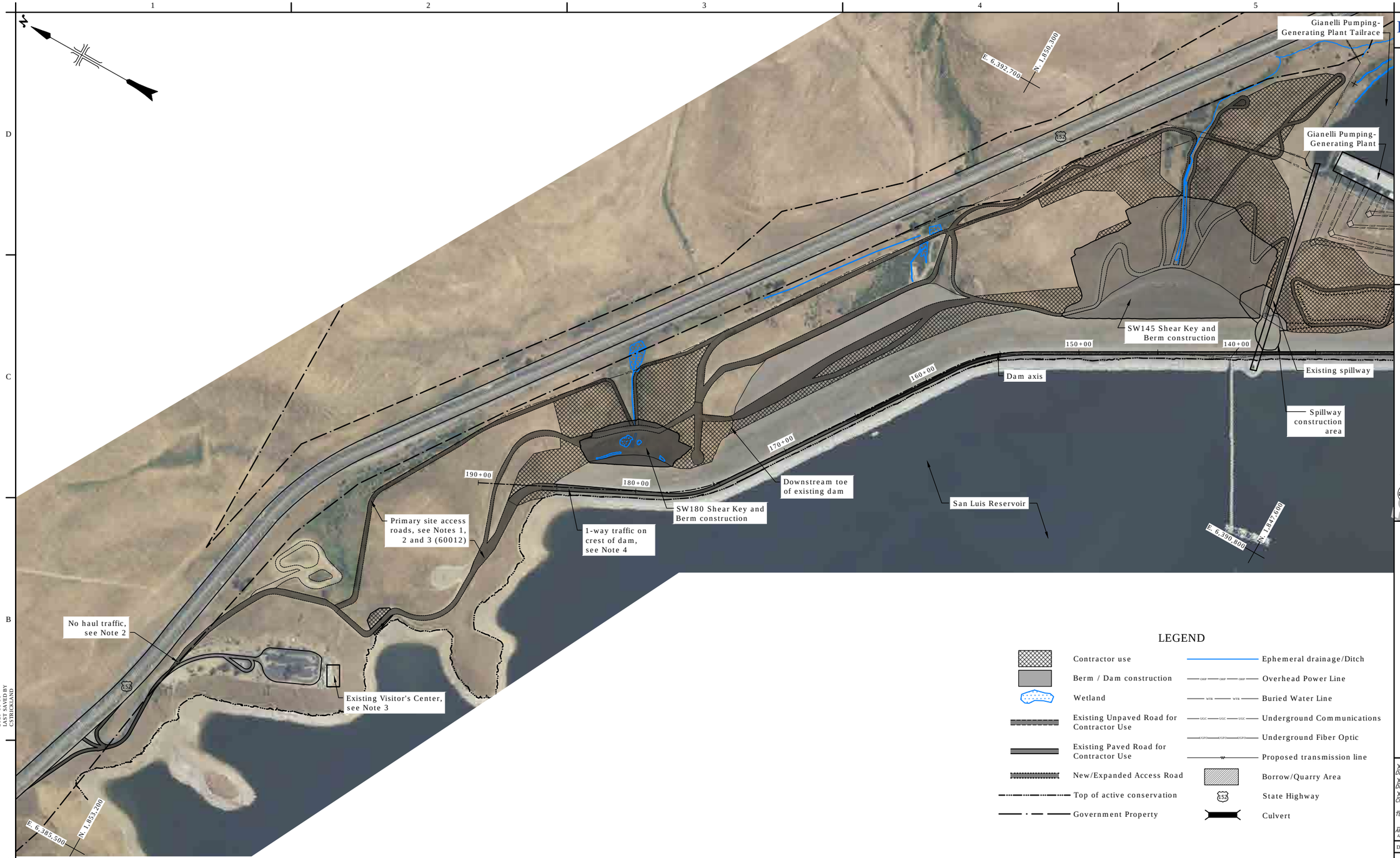
KEY MAP
PLAN

805-D-60012

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CAD FILE NAME
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LEFT ABUTMENT PLAN

0 300' 600'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

NOTES

1. For general notes, see (60012).
2. No haul traffic shall be permitted, in accordance with specifications.
3. Visitor's Center to remain open to the public during construction.
4. Traffic on crest of dam shall be 1-way only. Contractor to comply with safety requirements in accordance with specifications.

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SITE USE
MAP 2 OF 6

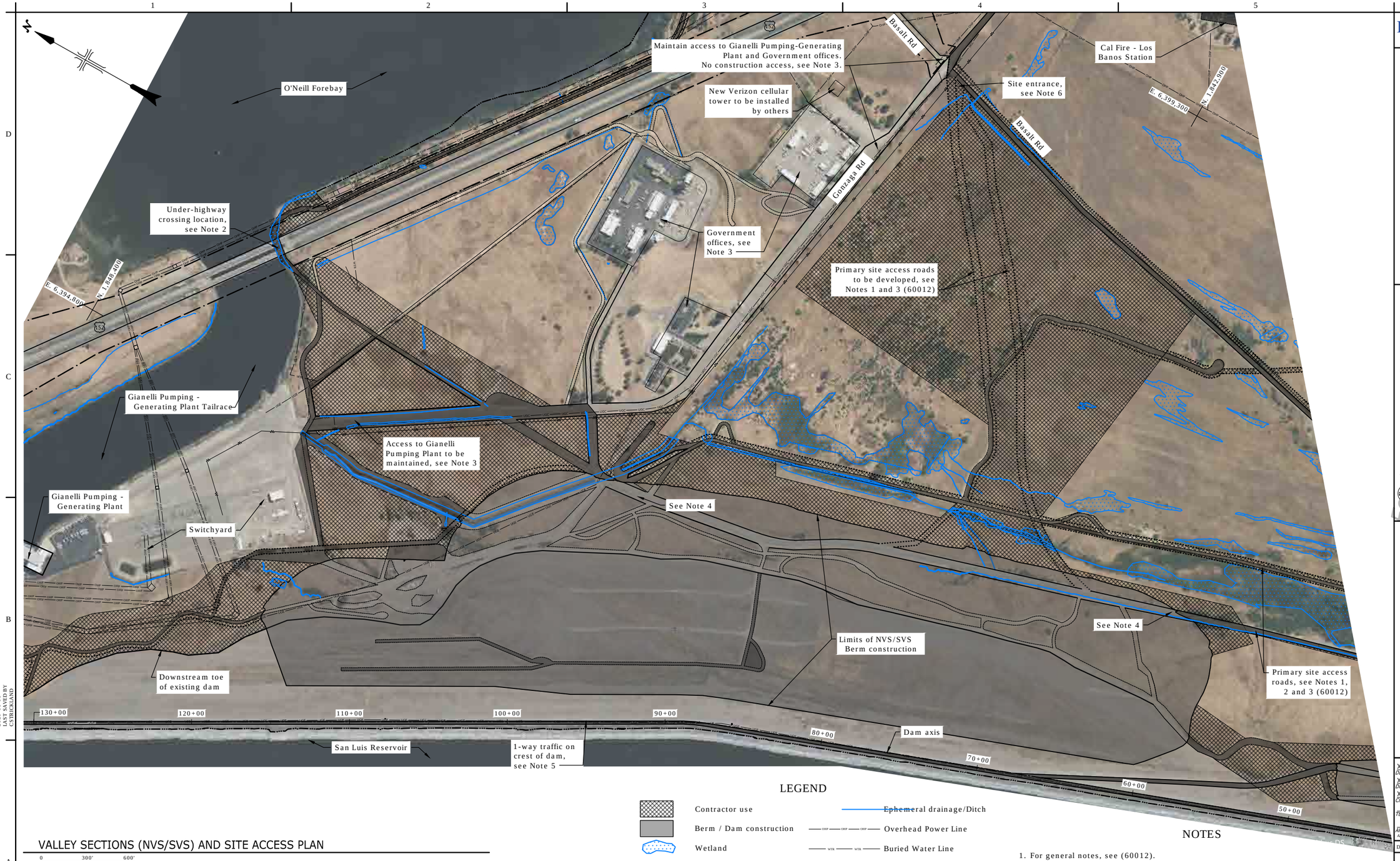
LEFT ABUTMENT PLAN

805-D-60013

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VALLEY SECTIONS (NVS/SVS) AND SITE ACCESS PLAN

0 300' 600'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

NOTES

1. For general notes, see (60012).
2. Permits required for crossing under highway 152 bridge shall be provided by the Government, in accordance with specifications. Vertical clearance limited to 18 feet or less. Crossing design and haul plan shall be approved by COR in accordance with specifications.
3. Employee access to Gianelli Pumping Plant shall be maintained from Gonzaga Road/Basalt Road intersection. Contractor shall provide approved traffic control measures in accordance with specifications.
4. Asphalt pavement shall be removed within footprint of berms in accordance with specifications.
5. Traffic on crest of dam shall be 1-way only. Contractor to comply with safety requirements in accordance with specifications.
6. Site entrance shall be developed in accordance with specifications.
7. Existing k-rails on site shall be relocated as approved by COR.

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SITE USE
MAP 3 of 6

VALLEY SECTIONS
(NVS/SVS)
PLAN

805-D-60014

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Future transmission line, to be constructed by others

Private Property

Government Property

Cal Fire - Los Banos Station

N. 1,842,900
E. 6,399,300

Borrow Area 14

Borrow Area 12

N. 1,834,700
E. 6,400,300

N. 1,834,700
E. 6,397,800

Primary site access roads, see Notes 1, 2 and 3 (60012)

Access roads to be developed, see Notes 1 and 3 (60012)

20+00

10+00

Dam axis

1-way traffic on crest of dam, see Note 3

San Luis Reservoir

30+00

See Note 2

See Note 2

SW36 Berm construction

40+00

NVS/SVS Berm construction

50+00

RIGHT ABUTMENT AND BORROW AREA 12/14 PLAN

0 300' 600'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

NOTES

1. For general notes, see (60012).
2. Asphalt pavement shall be removed within footprint of berms in accordance with specifications.
3. Traffic on crest of dam shall be 1-way only. Contractor to comply with safety requirements in accordance with specifications.
4. Existing k-rails on site shall be relocated as approved by COR.

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SITE USE
MAP 4 OF 6

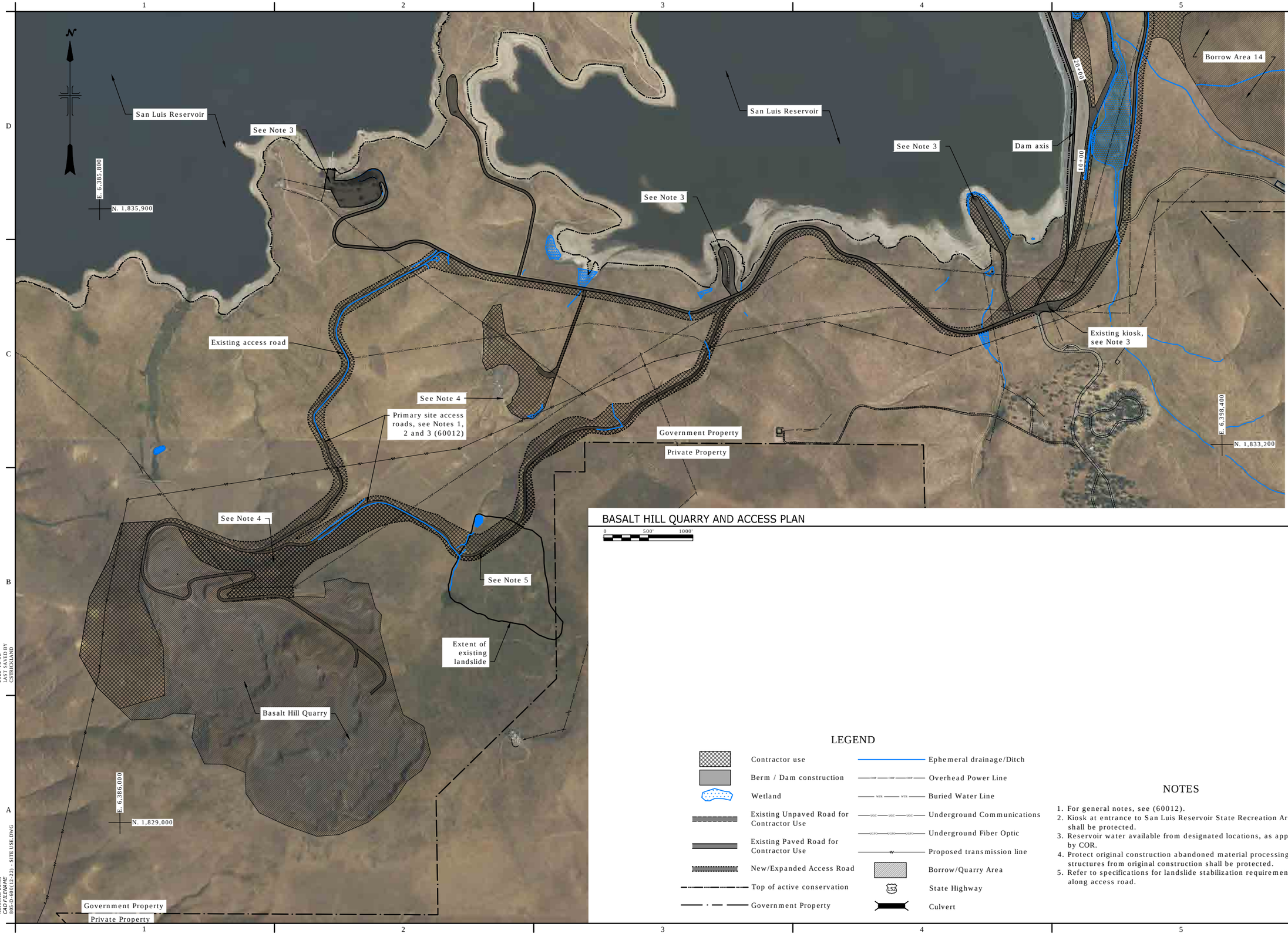
RIGHT ABUTMENT AND BORROW AREA 12/14 PLAN

805-D-60015

SHEET 4 OF 6

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BASALT HILL QUARRY AND ACCESS PLAN

0 500' 1000'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

NOTES

1. For general notes, see (60012).
2. Kiosk at entrance to San Luis Reservoir State Recreation Area shall be protected.
3. Reservoir water available from designated locations, as approved by COR.
4. Protect original construction abandoned material processing structures from original construction shall be protected.
5. Refer to specifications for landslide stabilization requirements along access road.

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SITE USE
MAP 5 OF 6

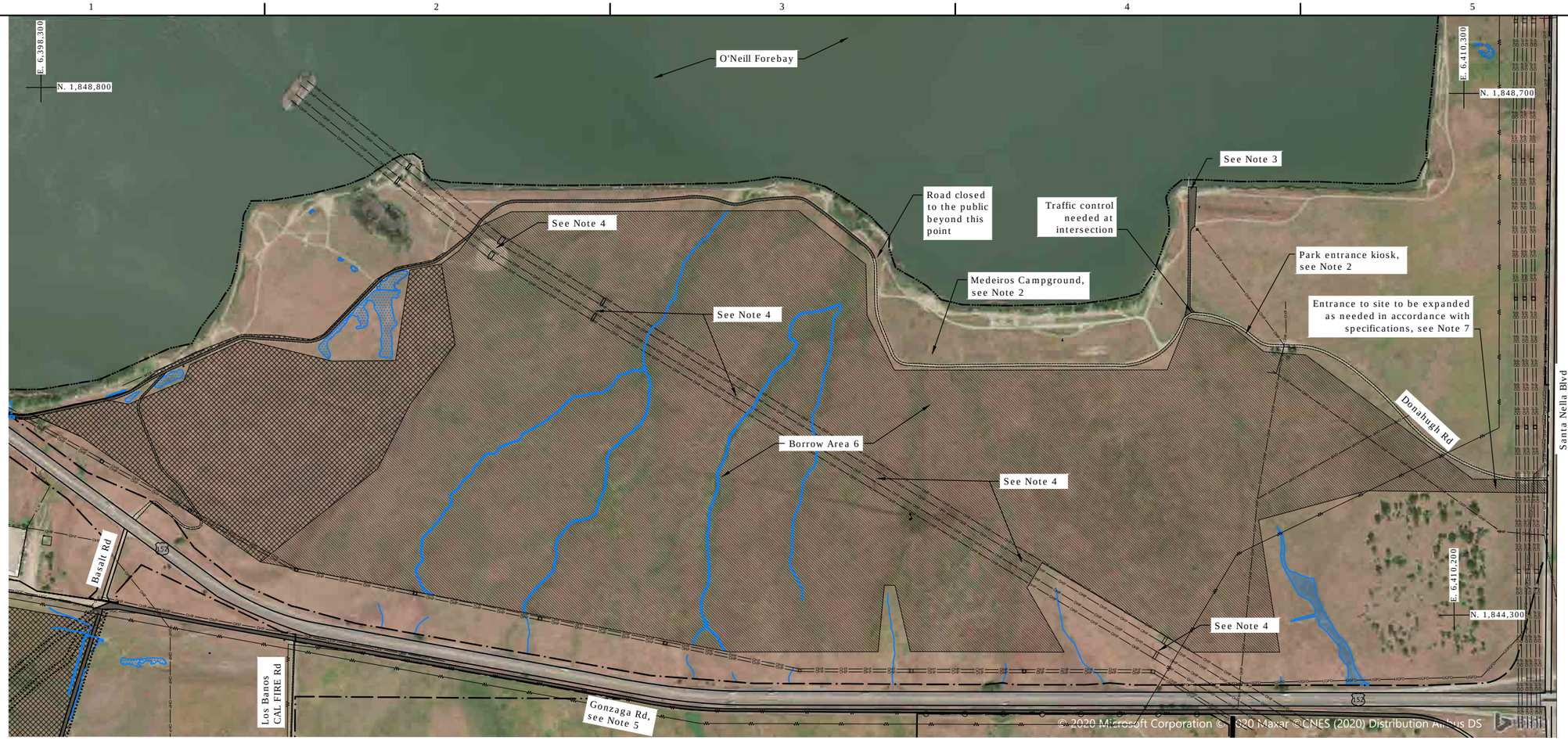
BASALT HILL QUARRY AREA AND ACCESS PLAN

805-D-60016

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BORROW AREA 6 PLAN

0 500' 1000'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway (152)
- Culvert

NOTES

1. For general notes, see (60012).
2. Kiosk, access road, and Medieros Campground to be protected. Medieros Campground to remain open during construction.
3. Reservoir water available from designated locations, as approved by COR.
4. Existing power lines and towers to be protected in accordance with specifications.
5. Gonzaga Road to be closed to public access between Santa Nella Boulevard and Basalt Road, in accordance with the specifications.
6. See (60022) for additional details on subdivisions of Borrow Area 6.
7. No haul truck access on Donahugh Road.

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SITE USE
MAP 6 OF 6

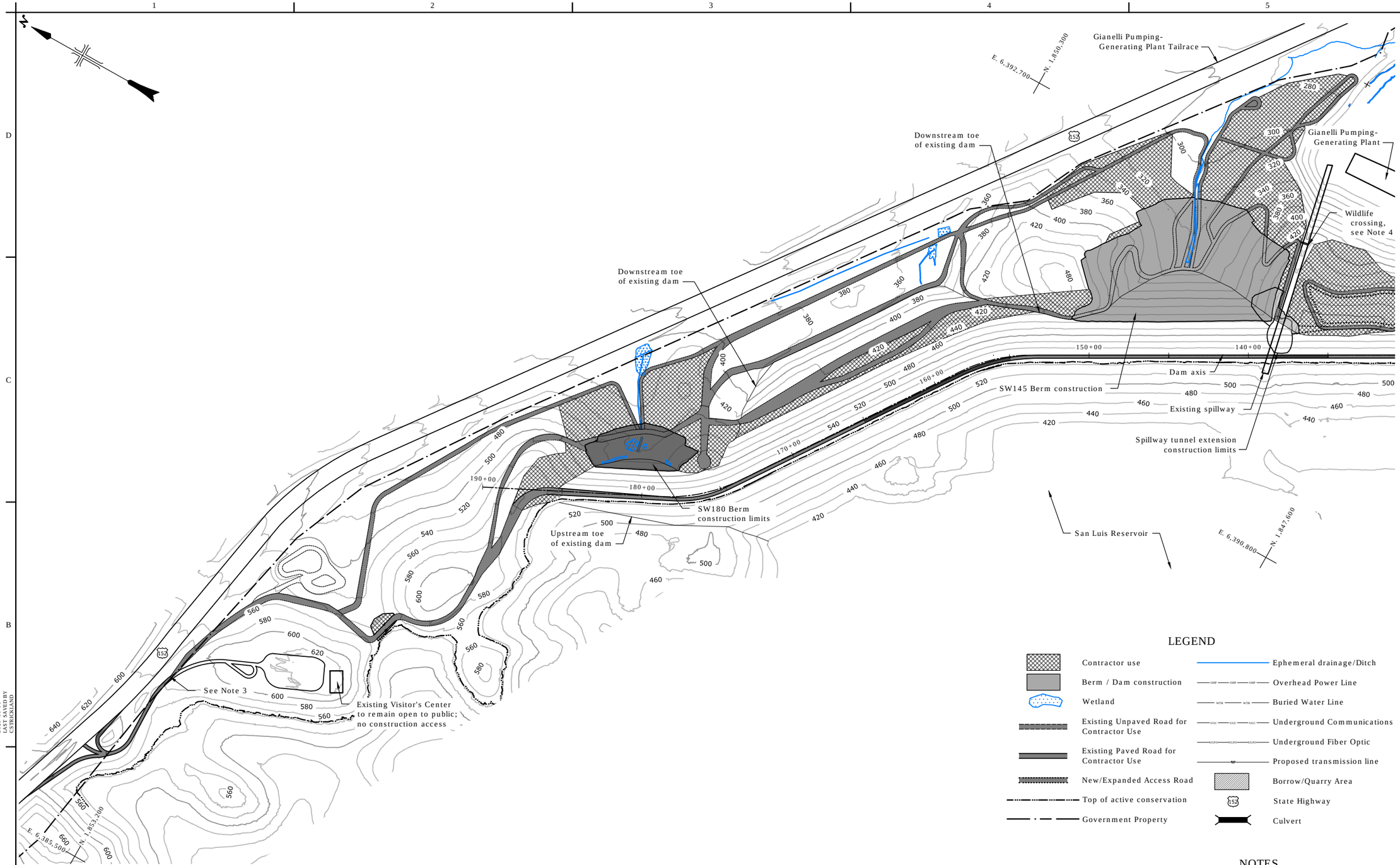
BORROW AREA 6
PLAN

805-D-60017

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805-D-60012(12-22) - SITE USE.DWG



LEFT ABUTMENT PLAN

0 300' 600'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

REFERENCE DRAWINGS

SITE USE MAPS	805-D-60012 - 60017
SITE USE AND TOPOGRAPHY (2 OF 5)	805-D-60019
SITE USE AND TOPOGRAPHY (3 OF 5)	805-D-60020
SITE USE AND TOPOGRAPHY (4 OF 5)	805-D-60021
SITE USE AND TOPOGRAPHY (5 OF 5)	805-D-60022

NOTES

1. For general notes, see (60012).
2. New or expanded roads that cross drainage shall include culverts or culvert extensions in accordance with specifications and drawings.
3. K rails or other traffic control measures shall be installed in accordance with specifications to separate construction traffic from public traffic.
4. Wildlife crossing shall be constructed across spillway in accordance with specifications.

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SITE USE AND TOPOGRAPHY

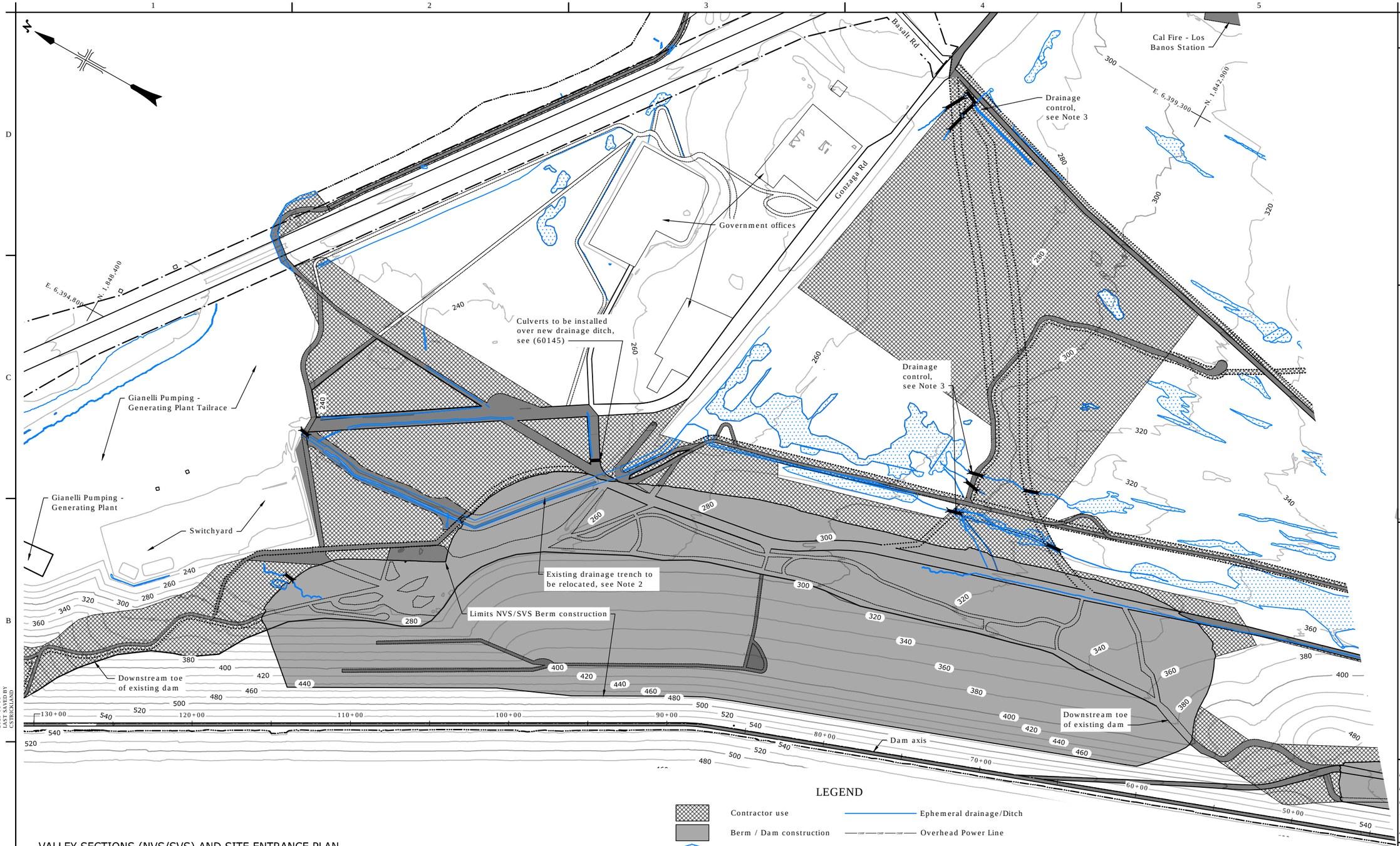
DAM LEFT ABUTMENT PLAN

805-D-60018

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VALLEY SECTIONS (NVS/SVS) AND SITE ENTRANCE PLAN

0 300' 600'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway (152)
- Culvert

NOTES

1. For general notes, see (60012).
2. Existing drainage trench shall be relocated. See (60145) for details.
3. Culverts or other drainage control shall be installed in accordance with specification, as approved by COR.

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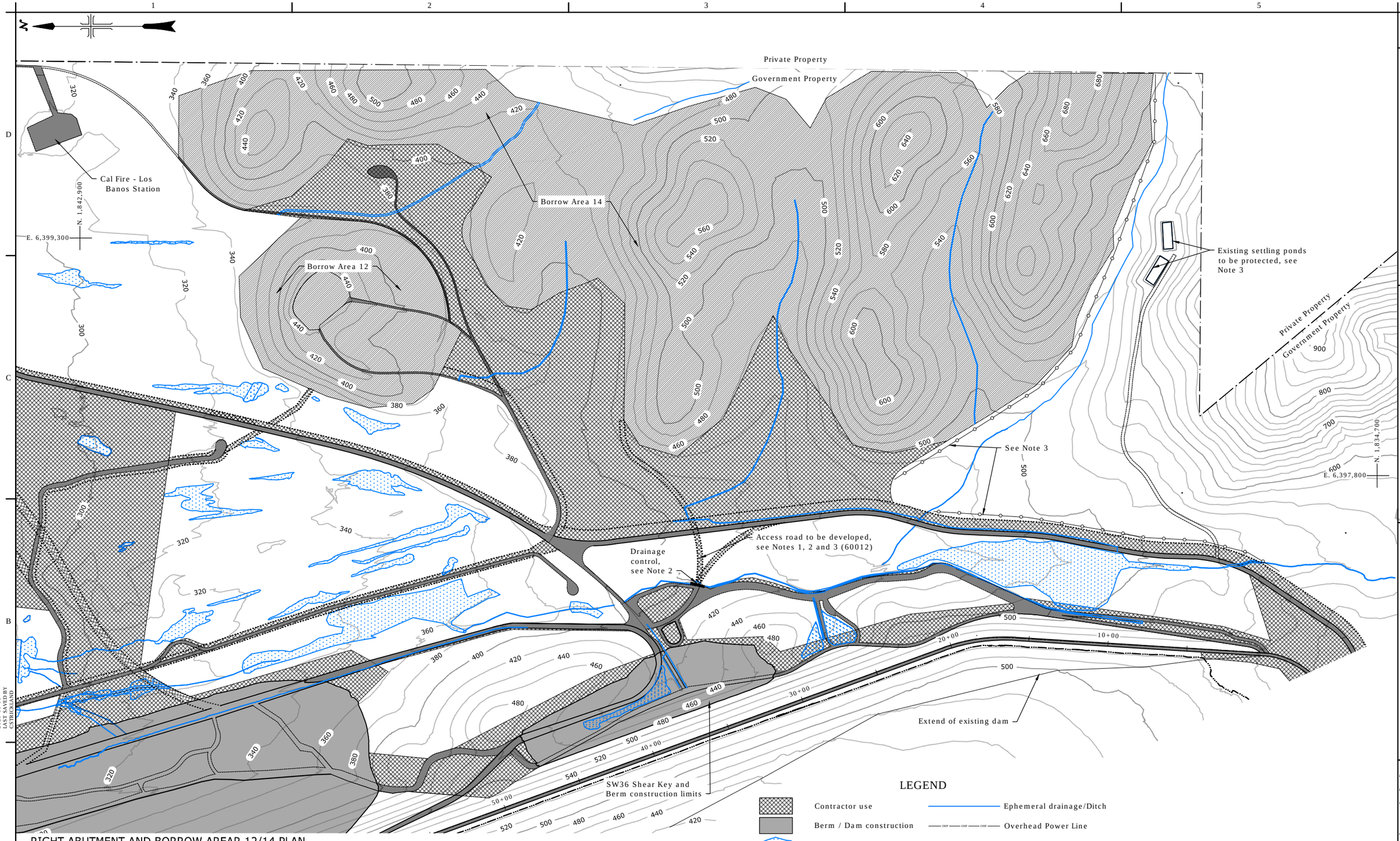
DAM VALLEY SECTIONS (NVS/SVS) PLAN

805-D-60019

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RIGHT ABUTMENT AND BORROW AREAR 12/14 PLAN

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Wildlife exclusion fencing
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

NOTES

1. For general notes, see (60012).
2. Culverts or other drainage control shall be installed in accordance with specification, as approved by COR.
3. Wildlife exclusion fencing shall be installed to prevent wildlife passage into construction areas or onto access roads within 600 meters of settling ponds, in accordance with specifications.

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SITE USE AND TOPOGRAPHY

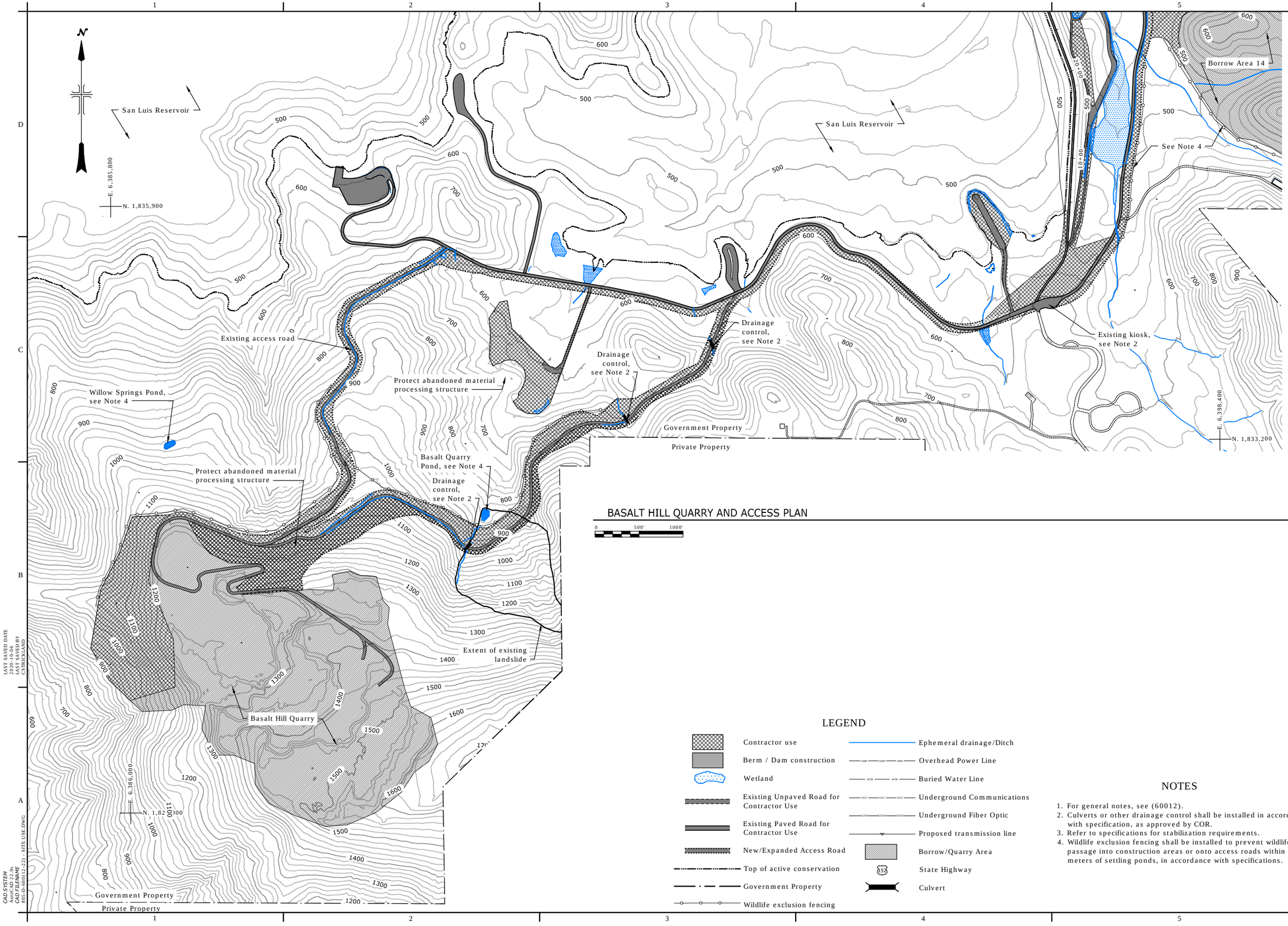
RIGHT ABUTMENT AND BORROW AREA 12/14 PLAN

805-D-60020

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805-D-60012(12-22) - SITE USE.DWG



BASALT HILL QUARRY AND ACCESS PLAN

0 500' 1000'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Wildlife exclusion fencing
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

NOTES

1. For general notes, see (60012).
2. Culverts or other drainage control shall be installed in accordance with specification, as approved by COR.
3. Refer to specifications for stabilization requirements.
4. Wildlife exclusion fencing shall be installed to prevent wildlife passage into construction areas or onto access roads within 600 meters of settling ponds, in accordance with specifications.

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SITE USE AND TOPOGRAPHY

BASALT HILL QUARRY AND ACCESS PLAN

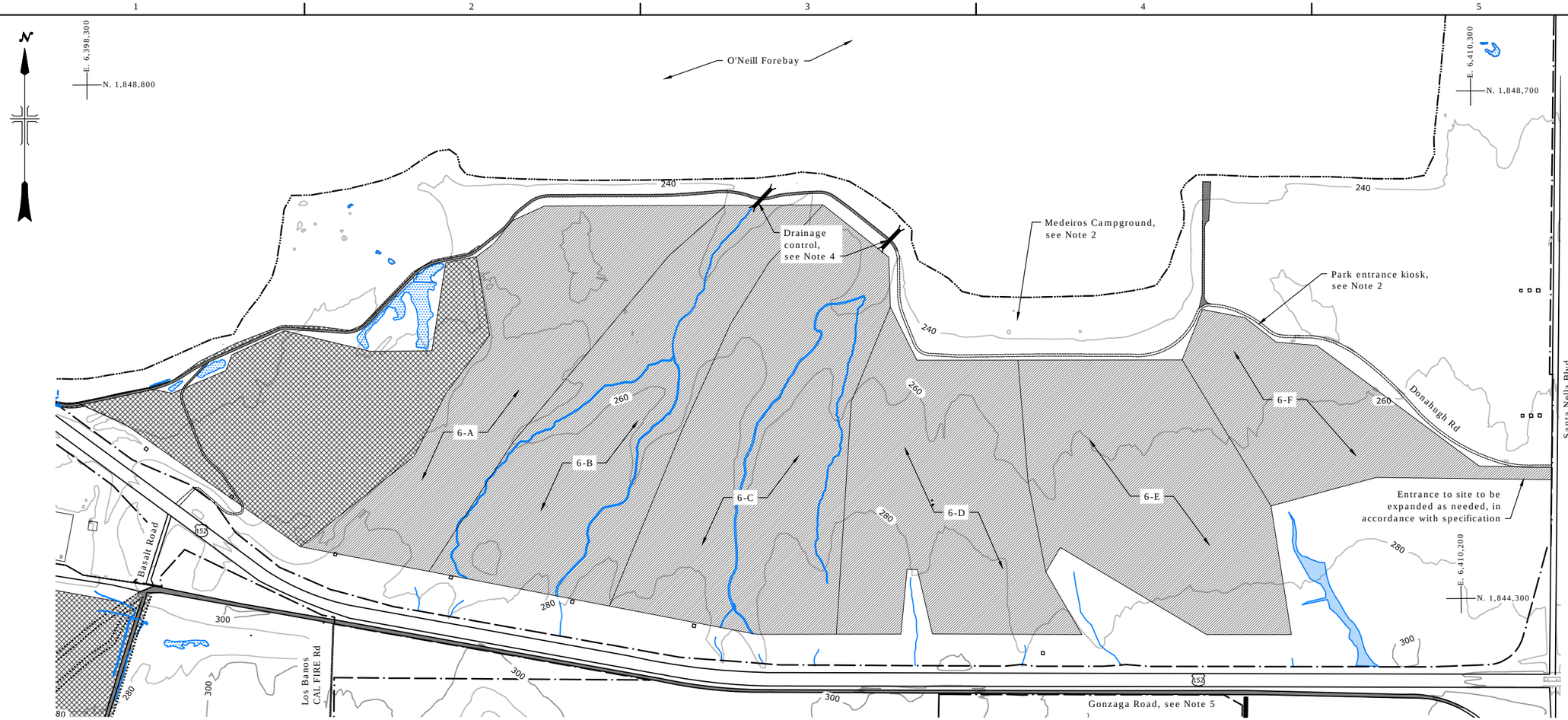
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AutoCAD 2020
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BORROW AREA 6 PLAN

0 500' 1000'

LEGEND

- Contractor use
- Berm / Dam construction
- Wetland
- Existing Unpaved Road for Contractor Use
- Existing Paved Road for Contractor Use
- New/Expanded Access Road
- Top of active conservation
- Government Property
- Ephemeral drainage/Ditch
- Overhead Power Line
- Buried Water Line
- Underground Communications
- Underground Fiber Optic
- Proposed transmission line
- Borrow/Quarry Area
- State Highway
- Culvert

NOTES

1. For general notes, see (60012).
2. Kiosk, Medeiros campground, and access road not for contractor use.
3. Existing powerlines and towers shall be protected in accordance with specifications.
4. Culverts or other drainage control shall be installed in accordance with specification, as approved by COR.
5. Gonzaga road shall be closed to public access between Santa Nella Boulevard and Basalt Road in accordance with specifications.

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WEST SAN JOAQUIN DIVISION

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SITE USE AND TOPOGRAPHY

BORROW AREA 6 PLAN

805-D-60022

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Appendix B1

CalEEMod Assumptions

CalEEMod Modeling Assumptions

Sisk Dam SEIR - Modeling Assumptions

Construction Assumptions

Campground and San Luis Day Use Improvements

18 months to construct, starting in June 2022

79 campsites modeled as mobile home park. Adjusted model defaults to 15 acres for campsites/grading and 20 ksf of building

Paving:	10	acres, including campground roads, parking spaces, and boat lane
Coatings:	20,000	SF of restrooms/buildings
	30,000	SF interior
	15,000	SF exterior
Soil import	20,000	cubic yards
Hours per day	8	hours
Workers	20	per day

Additions to contractor work area

Start Date	Jun-22	
Area to be graded?	20	acres
Soil import/export?	0	cubic yards
Hours per day	8	hours

Operation Assumptions

Campground and San Luis Creek Day Use Improvements

Operational Year	2024	first full year of operations
Water/Wastewater	124,000	gallons per month (assuming 40% average visitation)
	1,488,000	gallons per year (assuming 40% average visitation)
	Conservatively assume default conveyance electricity	
	Wastewater - 100% septic	
Wood Fires	55	campfires based on 70% of all campgrounds during **peak day** * Peak day, assume 70% campfires
	23	campfires per **average day** (based on 40% average visitation and 70% camp fires from State Parks)
	0.75	cubic feet per fire (based on example wood bundles from Home Depot/Walmart)
Electricity	36,600	kWh-year (based on 40% average visitation)
Propane	1,300	gallons per year for showers * No natural gas, model propane separately
Solid Waste	91,104	annual visitors
	3.16	annual average visitor per campground
	249.60	surrogate "population" for solid waste

CalEEMod Outputs: Construction

Annual, Summer, Winter, Mitigation Report

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction

Merced County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0
User Defined Parking	20.00	User Defined Unit	20.00	871,200.00	0
Mobile Home Park	79.00	Dwelling Unit	15.00	20,000.00	250

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	49
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO2 was adjusted based PG&E's reported intensity for 2017.

Land Use - Using mobile home park as surrogate for campground. Acreage and building size based on applicant input. 20 acres assumed to be graded for contractor areas.

Construction Phase - Shortened building construction phase based on minimal structures. 18 month construction assumed for campground. Contractor work area construction assumed in mid 2021.

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Trencher added for utility infrastructure for campground

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Trips and VMT - Adjusted daily trips to even numbers, reduced quantity of workers/vendors for building construction based on minimal structures, and added vendor trips during grading for water trucks. Increased triplengths for worker and vendor trucks to 40 miles. Reduced triplength for material haul from borrow areas to 4 miles.

On-road Fugitive Dust - Default

Grading - 20,000 CY soil assumed to be imported based on applicant input for campground

Architectural Coating - Adjusted coating square feet to 20,000 SF of non-residential building structures and paved striping/parking

Vehicle Trips - Construction run only

Woodstoves - Construction run only

Consumer Products - Construction run only

Area Coating - Construction run only

Landscape Equipment - Construction run only

Energy Use - Construction run only

Water And Wastewater - Construction run only

Solid Waste - Construction run only

Construction Off-road Equipment Mitigation - Water exposed area 2x per day and limit vehicle speeds on unpaved areas to 15 mph. Tier 4 Final equipment assumed for all > 50 hp

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	15,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	30,000.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	40,500.00	0.00
tblAreaCoating	Area_Parking	78408	0

tblAreaCoating	Area_Residential_Exterior	13500	0
tblAreaCoating	Area_Residential_Interior	40500	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	740.00	236.00
tblConstructionPhase	NumDays	75.00	30.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	55.00	50.00
tblConstructionPhase	NumDays	30.00	10.00
tblEnergyUse	LightingElect	1,038.60	0.00
tblEnergyUse	NT24E	4,004.74	0.00
tblEnergyUse	NT24NG	3,723.00	0.00
tblEnergyUse	T24E	666.82	0.00
tblEnergyUse	T24NG	13,224.97	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	43.45	0.00
tblFireplaces	NumberNoFireplace	35.55	0.00
tblGrading	MaterialImported	0.00	20,000.00
tblLandUse	LandUseSquareFeet	0.00	871,200.00
tblLandUse	LandUseSquareFeet	94,800.00	20,000.00
tblLandUse	LotAcreage	0.00	20.00
tblLandUse	LotAcreage	9.95	15.00
tblLandUse	Population	226.00	250.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading/Trenching - Campground-Day Use
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

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tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	36.34	0.00
tblTripsAndVMT	HaulingTripLength	20.00	4.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	223.00	20.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripNumber	23.00	24.00
tblTripsAndVMT	WorkerTripNumber	606.00	24.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	121.00	10.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	SU_TR	4.36	0.00
tblVehicleTrips	WD_TR	4.99	0.00

tblWater	IndoorWaterUseRate	5,147,168.02	0.00
tblWater	OutdoorWaterUseRate	3,244,953.75	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0877	0.9208	0.6111	1.3100e-003	0.2341	0.0402	0.2743	0.1073	0.0370	0.1443	0.0000	115.5040	115.5040	0.0323	0.0000	116.3120
2022	0.2525	2.6390	1.9820	5.1100e-003	0.6153	0.1076	0.7228	0.2797	0.0995	0.3793	0.0000	457.3914	457.3914	0.0989	0.0000	459.8631
2023	0.6456	1.8582	2.0875	5.6900e-003	0.1386	0.0752	0.2138	0.0383	0.0705	0.1088	0.0000	511.9609	511.9609	0.0693	0.0000	513.6934
Maximum	**0.6456**	**2.6390**	**2.0875**	**5.6900e-003**	**0.6153**	**0.1076**	**0.7228**	**0.2797**	**0.0995**	**0.3793**	**0.0000**	**511.9609**	**511.9609**	**0.0989**	**0.0000**	**513.6934**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0192	0.0819	0.6415	1.3100e-003	0.1129	2.0100e-003	0.1149	0.0503	2.0000e-003	0.0523	0.0000	115.5039	115.5039	0.0323	0.0000	116.3119
2022	0.0803	0.6037	2.1575	5.1100e-003	0.3225	9.0100e-003	0.3315	0.1384	8.9300e-003	0.1473	0.0000	457.3910	457.3910	0.0989	0.0000	459.8627
2023	0.5357	0.6070	2.2764	5.6900e-003	0.1386	0.0102	0.1488	0.0383	0.0102	0.0484	0.0000	511.9606	511.9606	0.0693	0.0000	513.6931
Maximum	**0.5357**	**0.6070**	**2.2764**	**5.6900e-003**	**0.3225**	**0.0102**	**0.3315**	**0.1384**	**0.0102**	**0.1473**	**0.0000**	**511.9606**	**511.9606**	**0.0989**	**0.0000**	**513.6931**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**35.57**	**76.14**	**-8.43**	**0.00**	**41.91**	**90.47**	**50.85**	**46.64**	**89.81**	**60.78**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2021**	**8-31-2021**	1.0078	0.1004
5	**6-1-2022**	**8-31-2022**	1.4986	0.2432
6	**9-1-2022**	**11-30-2022**	1.1305	0.3350
7	**12-1-2022**	**2-28-2023**	0.6936	0.2688
8	**3-1-2023**	**5-31-2023**	0.6658	0.2463
9	**6-1-2023**	**8-31-2023**	0.6606	0.2422
10	**9-1-2023**	**9-30-2023**	0.1289	0.0247
		Highest	1.4986	0.3350

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1802	6.7600e-003	0.5866	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9587	0.9587	9.2000e-004	0.0000	0.9817
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1802**	**6.7600e-003**	**0.5866**	**3.0000e-005**	**0.0000**	**3.2500e-003**	**3.2500e-003**	**0.0000**	**3.2500e-003**	**3.2500e-003**	**0.0000**	**0.9587**	**0.9587**	**9.2000e-004**	**0.0000**	**0.9817**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1802	6.7600e-003	0.5866	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9587	0.9587	9.2000e-004	0.0000	0.9817
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1802**	**6.7600e-003**	**0.5866**	**3.0000e-005**	**0.0000**	**3.2500e-003**	**3.2500e-003**	**0.0000**	**3.2500e-003**	**3.2500e-003**	**0.0000**	**0.9587**	**0.9587**	**9.2000e-004**	**0.0000**	**0.9817**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction - Merced County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Prep - Contractor	Site Preparation	6/1/2021	6/14/2021	5	10	
2	Grading - Contractor	Grading	6/15/2021	7/26/2021	5	30	
3	Site Prep - Campground-Day Use	Site Preparation	6/1/2022	7/12/2022	5	30	
4	Grading/Trenching - Campground-Day Use	Grading	7/13/2022	10/4/2022	5	60	
5	Building Construction - Campground-Day Use	Building Construction	10/5/2022	8/30/2023	5	236	
6	Paving - Campground-Day Use	Paving	8/31/2023	11/8/2023	5	50	
7	Architectural Coating - Campground-Day Use	Architectural Coating	11/9/2023	12/6/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 30

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 30,000; Non-Residential Outdoor: 15,000; Striped Parking Area: 78,408 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Prep - Contractor	Rubber Tired Dozers	3	8.00	247	0.40
Site Prep - Contractor	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Contractor	Excavators	2	8.00	158	0.38
Grading - Contractor	Graders	1	8.00	187	0.41
Grading - Contractor	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Contractor	Scrapers	2	8.00	367	0.48
Grading - Contractor	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Prep - Campground-Day Use	Rubber Tired Dozers	3	8.00	247	0.40
Site Prep - Campground-Day Use	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Grading/Trenching - Campground-Day Use	Excavators	2	8.00	158	0.38
Grading/Trenching - Campground-Day Use	Graders	1	8.00	187	0.41
Grading/Trenching - Campground-Day Use	Rubber Tired Dozers	1	8.00	247	0.40
Grading/Trenching - Campground-Day Use	Scrapers	2	8.00	367	0.48
Grading/Trenching - Campground-Day Use	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading/Trenching - Campground-Day Use	Trenchers	1	8.00	78	0.50
Building Construction - Campground-Day Use	Cranes	1	7.00	231	0.29
Building Construction - Campground-Day Use	Forklifts	3	8.00	89	0.20
Building Construction - Campground-Day Use	Generator Sets	1	8.00	84	0.74
Building Construction - Campground-Day Use	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Campground-Day Use	Welders	1	8.00	46	0.45
Paving - Campground-Day Use	Pavers	2	8.00	130	0.42
Paving - Campground-Day Use	Paving Equipment	2	8.00	132	0.36
Paving - Campground-Day Use	Rollers	2	8.00	80	0.38
Architectural Coating - Campground-Day Use	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Prep - Contractor	7	18.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Contractor	8	20.00	4.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep - Campground-Day Use	7	18.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Trenching - Campground-Day Use	9	24.00	4.00	2,500.00	40.00	40.00	4.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Campground-Day Use	9	24.00	20.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Campground-Day Use	6	16.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Campground-Day Use	1	10.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Prep - Contractor - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530
Total	**0.0194**	**0.2025**	**0.1058**	**1.9000e-004**	**0.0903**	**0.0102**	**0.1006**	**0.0497**	**9.4000e-003**	**0.0591**	**0.0000**	**16.7179**	**16.7179**	**5.4100e-003**	**0.0000**	**16.8530**

3.2 Site Prep - Contractor - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0800e-003	8.6000e-004	8.7400e-003	3.0000e-005	2.6600e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.2000e-004	0.0000	2.2990	2.2990	7.0000e-005	0.0000	2.3006
Total	**1.0800e-003**	**8.6000e-004**	**8.7400e-003**	**3.0000e-005**	**2.6600e-003**	**2.0000e-005**	**2.6700e-003**	**7.1000e-004**	**2.0000e-005**	**7.2000e-004**	**0.0000**	**2.2990**	**2.2990**	**7.0000e-005**	**0.0000**	**2.3006**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3300e-003	0.0101	0.1043	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530
Total	**2.3300e-003**	**0.0101**	**0.1043**	**1.9000e-004**	**0.0407**	**3.1000e-004**	**0.0410**	**0.0223**	**3.1000e-004**	**0.0227**	**0.0000**	**16.7178**	**16.7178**	**5.4100e-003**	**0.0000**	**16.8530**

3.2 Site Prep - Contractor - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0800e-003	8.6000e-004	8.7400e-003	3.0000e-005	2.6600e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.2000e-004	0.0000	2.2990	2.2990	7.0000e-005	0.0000	2.3006
Total	**1.0800e-003**	**8.6000e-004**	**8.7400e-003**	**3.0000e-005**	**2.6600e-003**	**2.0000e-005**	**2.6700e-003**	**7.1000e-004**	**2.0000e-005**	**7.2000e-004**	**0.0000**	**2.2990**	**2.2990**	**7.0000e-005**	**0.0000**	**2.3006**

3.3 Grading - Contractor - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0629	0.6960	0.4632	9.3000e-004		0.0298	0.0298		0.0274	0.0274	0.0000	81.7425	81.7425	0.0264	0.0000	82.4034
Total	**0.0629**	**0.6960**	**0.4632**	**9.3000e-004**	**0.1301**	**0.0298**	**0.1599**	**0.0540**	**0.0274**	**0.0814**	**0.0000**	**81.7425**	**81.7425**	**0.0264**	**0.0000**	**82.4034**

3.3 Grading - Contractor - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.4000e-004	0.0185	4.2800e-003	7.0000e-005	2.1700e-003	1.0000e-004	2.2700e-003	6.3000e-004	1.0000e-004	7.2000e-004	0.0000	7.0815	7.0815	2.0000e-004	0.0000	7.0864
Worker	3.6000e-003	2.8800e-003	0.0291	8.0000e-005	8.8500e-003	6.0000e-005	8.9200e-003	2.3500e-003	6.0000e-005	2.4100e-003	0.0000	7.6632	7.6632	2.2000e-004	0.0000	7.6686
Total	**4.3400e-003**	**0.0214**	**0.0334**	**1.5000e-004**	**0.0110**	**1.6000e-004**	**0.0112**	**2.9800e-003**	**1.6000e-004**	**3.1300e-003**	**0.0000**	**14.7447**	**14.7447**	**4.2000e-004**	**0.0000**	**14.7550**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0586	0.0000	0.0586	0.0243	0.0000	0.0243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.0495	0.4950	9.3000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	81.7424	81.7424	0.0264	0.0000	82.4033
Total	**0.0114**	**0.0495**	**0.4950**	**9.3000e-004**	**0.0586**	**1.5200e-003**	**0.0601**	**0.0243**	**1.5200e-003**	**0.0258**	**0.0000**	**81.7424**	**81.7424**	**0.0264**	**0.0000**	**82.4033**

3.3 Grading - Contractor - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.4000e-004	0.0185	4.2800e-003	7.0000e-005	2.1700e-003	1.0000e-004	2.2700e-003	6.3000e-004	1.0000e-004	7.2000e-004	0.0000	7.0815	7.0815	2.0000e-004	0.0000	7.0864
Worker	3.6000e-003	2.8800e-003	0.0291	8.0000e-005	8.8500e-003	6.0000e-005	8.9200e-003	2.3500e-003	6.0000e-005	2.4100e-003	0.0000	7.6632	7.6632	2.2000e-004	0.0000	7.6686
Total	**4.3400e-003**	**0.0214**	**0.0334**	**1.5000e-004**	**0.0110**	**1.6000e-004**	**0.0112**	**2.9800e-003**	**1.6000e-004**	**3.1300e-003**	**0.0000**	**14.7447**	**14.7447**	**4.2000e-004**	**0.0000**	**14.7550**

3.4 Site Prep - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2710	0.0000	0.2710	0.1490	0.0000	0.1490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0476	0.4963	0.2955	5.7000e-004		0.0242	0.0242		0.0223	0.0223	0.0000	50.1591	50.1591	0.0162	0.0000	50.5647
Total	**0.0476**	**0.4963**	**0.2955**	**5.7000e-004**	**0.2710**	**0.0242**	**0.2952**	**0.1490**	**0.0223**	**0.1712**	**0.0000**	**50.1591**	**50.1591**	**0.0162**	**0.0000**	**50.5647**

3.4 Site Prep - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9900e-003	2.3200e-003	0.0239	7.0000e-005	7.9700e-003	5.0000e-005	8.0200e-003	2.1200e-003	5.0000e-005	2.1700e-003	0.0000	6.6494	6.6494	1.8000e-004	0.0000	6.6537
Total	**2.9900e-003**	**2.3200e-003**	**0.0239**	**7.0000e-005**	**7.9700e-003**	**5.0000e-005**	**8.0200e-003**	**2.1200e-003**	**5.0000e-005**	**2.1700e-003**	**0.0000**	**6.6494**	**6.6494**	**1.8000e-004**	**0.0000**	**6.6537**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1220	0.0000	0.1220	0.0670	0.0000	0.0670	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9800e-003	0.0303	0.3130	5.7000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	50.1590	50.1590	0.0162	0.0000	50.5646
Total	**6.9800e-003**	**0.0303**	**0.3130**	**5.7000e-004**	**0.1220**	**9.3000e-004**	**0.1229**	**0.0670**	**9.3000e-004**	**0.0680**	**0.0000**	**50.1590**	**50.1590**	**0.0162**	**0.0000**	**50.5646**

3.4 Site Prep - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9900e-003	2.3200e-003	0.0239	7.0000e-005	7.9700e-003	5.0000e-005	8.0200e-003	2.1200e-003	5.0000e-005	2.1700e-003	0.0000	6.6494	6.6494	1.8000e-004	0.0000	6.6537
Total	**2.9900e-003**	**2.3200e-003**	**0.0239**	**7.0000e-005**	**7.9700e-003**	**5.0000e-005**	**8.0200e-003**	**2.1200e-003**	**5.0000e-005**	**2.1700e-003**	**0.0000**	**6.6494**	**6.6494**	**1.8000e-004**	**0.0000**	**6.6537**

3.5 Grading/Trenching - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2613	0.0000	0.2613	0.1081	0.0000	0.1081	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1197	1.2667	0.9492	1.9600e-003		0.0562	0.0562		0.0517	0.0517	0.0000	172.5019	172.5019	0.0558	0.0000	173.8967
Total	**0.1197**	**1.2667**	**0.9492**	**1.9600e-003**	**0.2613**	**0.0562**	**0.3176**	**0.1081**	**0.0517**	**0.1598**	**0.0000**	**172.5019**	**172.5019**	**0.0558**	**0.0000**	**173.8967**

3.5 Grading/Trenching - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6700e-003	0.1564	0.0184	3.3000e-004	4.2900e-003	2.3000e-004	4.5200e-003	1.1800e-003	2.2000e-004	1.4000e-003	0.0000	31.0360	31.0360	5.9000e-003	0.0000	31.1834
Vendor	1.3600e-003	0.0341	7.8000e-003	1.5000e-004	4.3400e-003	1.7000e-004	4.5100e-003	1.2500e-003	1.7000e-004	1.4200e-003	0.0000	14.0323	14.0323	3.7000e-004	0.0000	14.0416
Worker	7.9900e-003	6.1800e-003	0.0638	2.0000e-004	0.0213	1.4000e-004	0.0214	5.6500e-003	1.3000e-004	5.7800e-003	0.0000	17.7316	17.7316	4.7000e-004	0.0000	17.7433
Total	**0.0130**	**0.1966**	**0.0900**	**6.8000e-004**	**0.0299**	**5.4000e-004**	**0.0304**	**8.0800e-003**	**5.2000e-004**	**8.6000e-003**	**0.0000**	**62.7999**	**62.7999**	**6.7400e-003**	**0.0000**	**62.9683**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1176	0.0000	0.1176	0.0486	0.0000	0.0486	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0241	0.1044	1.0663	1.9600e-003		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	172.5017	172.5017	0.0558	0.0000	173.8965
Total	**0.0241**	**0.1044**	**1.0663**	**1.9600e-003**	**0.1176**	**3.2100e-003**	**0.1208**	**0.0486**	**3.2100e-003**	**0.0518**	**0.0000**	**172.5017**	**172.5017**	**0.0558**	**0.0000**	**173.8965**

3.5 Grading/Trenching - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6700e-003	0.1564	0.0184	3.3000e-004	4.2900e-003	2.3000e-004	4.5200e-003	1.1800e-003	2.2000e-004	1.4000e-003	0.0000	31.0360	31.0360	5.9000e-003	0.0000	31.1834
Vendor	1.3600e-003	0.0341	7.8000e-003	1.5000e-004	4.3400e-003	1.7000e-004	4.5100e-003	1.2500e-003	1.7000e-004	1.4200e-003	0.0000	14.0323	14.0323	3.7000e-004	0.0000	14.0416
Worker	7.9900e-003	6.1800e-003	0.0638	2.0000e-004	0.0213	1.4000e-004	0.0214	5.6500e-003	1.3000e-004	5.7800e-003	0.0000	17.7316	17.7316	4.7000e-004	0.0000	17.7433
Total	**0.0130**	**0.1966**	**0.0900**	**6.8000e-004**	**0.0299**	**5.4000e-004**	**0.0304**	**8.0800e-003**	**5.2000e-004**	**8.6000e-003**	**0.0000**	**62.7999**	**62.7999**	**6.7400e-003**	**0.0000**	**62.9683**

3.6 Building Construction - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0538	0.4919	0.5155	8.5000e-004		0.0255	0.0255		0.0240	0.0240	0.0000	72.9935	72.9935	0.0175	0.0000	73.4306
Total	**0.0538**	**0.4919**	**0.5155**	**8.5000e-004**		**0.0255**	**0.0255**		**0.0240**	**0.0240**	**0.0000**	**72.9935**	**72.9935**	**0.0175**	**0.0000**	**73.4306**

3.6 Building Construction - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1600e-003	0.1788	0.0409	7.8000e-004	0.0228	9.1000e-004	0.0237	6.5700e-003	8.8000e-004	7.4500e-003	0.0000	73.6695	73.6695	1.9700e-003	0.0000	73.7186
Worker	8.3900e-003	6.4900e-003	0.0670	2.1000e-004	0.0223	1.5000e-004	0.0225	5.9300e-003	1.4000e-004	6.0700e-003	0.0000	18.6182	18.6182	4.9000e-004	0.0000	18.6305
Total	**0.0156**	**0.1853**	**0.1079**	**9.9000e-004**	**0.0451**	**1.0600e-003**	**0.0462**	**0.0125**	**1.0200e-003**	**0.0135**	**0.0000**	**92.2877**	**92.2877**	**2.4600e-003**	**0.0000**	**92.3491**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0177	0.0849	0.5563	8.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	72.9934	72.9934	0.0175	0.0000	73.4305
Total	**0.0177**	**0.0849**	**0.5563**	**8.5000e-004**		**3.2100e-003**	**3.2100e-003**		**3.2100e-003**	**3.2100e-003**	**0.0000**	**72.9934**	**72.9934**	**0.0175**	**0.0000**	**73.4305**

3.6 Building Construction - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1600e-003	0.1788	0.0409	7.8000e-004	0.0228	9.1000e-004	0.0237	6.5700e-003	8.8000e-004	7.4500e-003	0.0000	73.6695	73.6695	1.9700e-003	0.0000	73.7186
Worker	8.3900e-003	6.4900e-003	0.0670	2.1000e-004	0.0223	1.5000e-004	0.0225	5.9300e-003	1.4000e-004	6.0700e-003	0.0000	18.6182	18.6182	4.9000e-004	0.0000	18.6305
Total	**0.0156**	**0.1853**	**0.1079**	**9.9000e-004**	**0.0451**	**1.0600e-003**	**0.0462**	**0.0125**	**1.0200e-003**	**0.0135**	**0.0000**	**92.2877**	**92.2877**	**2.4600e-003**	**0.0000**	**92.3491**

3.6 Building Construction - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1360	1.2443	1.4051	2.3300e-003		0.0605	0.0605		0.0570	0.0570	0.0000	200.5111	200.5111	0.0477	0.0000	201.7036
Total	**0.1360**	**1.2443**	**1.4051**	**2.3300e-003**		**0.0605**	**0.0605**		**0.0570**	**0.0570**	**0.0000**	**200.5111**	**200.5111**	**0.0477**	**0.0000**	**201.7036**

3.6 Building Construction - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0133	0.3263	0.0921	2.0800e-003	0.0625	7.1000e-004	0.0633	0.0181	6.8000e-004	0.0187	0.0000	197.7790	197.7790	3.7700e-003	0.0000	197.8732
Worker	0.0213	0.0159	0.1673	5.4000e-004	0.0613	4.0000e-004	0.0617	0.0163	3.7000e-004	0.0167	0.0000	49.2006	49.2006	1.2000e-003	0.0000	49.2305
Total	**0.0346**	**0.3422**	**0.2594**	**2.6200e-003**	**0.1238**	**1.1100e-003**	**0.1249**	**0.0343**	**1.0500e-003**	**0.0354**	**0.0000**	**246.9796**	**246.9796**	**4.9700e-003**	**0.0000**	**247.1038**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0466	0.2293	1.5260	2.3300e-003		8.0400e-003	8.0400e-003		8.0400e-003	8.0400e-003	0.0000	200.5109	200.5109	0.0477	0.0000	201.7033
Total	**0.0466**	**0.2293**	**1.5260**	**2.3300e-003**		**8.0400e-003**	**8.0400e-003**		**8.0400e-003**	**8.0400e-003**	**0.0000**	**200.5109**	**200.5109**	**0.0477**	**0.0000**	**201.7033**

3.6 Building Construction - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0133	0.3263	0.0921	2.0800e-003	0.0625	7.1000e-004	0.0633	0.0181	6.8000e-004	0.0187	0.0000	197.7790	197.7790	3.7700e-003	0.0000	197.8732
Worker	0.0213	0.0159	0.1673	5.4000e-004	0.0613	4.0000e-004	0.0617	0.0163	3.7000e-004	0.0167	0.0000	49.2006	49.2006	1.2000e-003	0.0000	49.2305
Total	**0.0346**	**0.3422**	**0.2594**	**2.6200e-003**	**0.1238**	**1.1100e-003**	**0.1249**	**0.0343**	**1.0500e-003**	**0.0354**	**0.0000**	**246.9796**	**246.9796**	**4.9700e-003**	**0.0000**	**247.1038**

3.7 Paving - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0258	0.2548	0.3646	5.7000e-004		0.0128	0.0128		0.0117	0.0117	0.0000	50.0672	50.0672	0.0162	0.0000	50.4720
Paving	0.0131					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0389**	**0.2548**	**0.3646**	**5.7000e-004**		**0.0128**	**0.0128**		**0.0117**	**0.0117**	**0.0000**	**50.0672**	**50.0672**	**0.0162**	**0.0000**	**50.4720**

3.7 Paving - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1100e-003	3.0700e-003	0.0322	1.0000e-004	0.0118	8.0000e-005	0.0119	3.1400e-003	7.0000e-005	3.2100e-003	0.0000	9.4799	9.4799	2.3000e-004	0.0000	9.4857
Total	**4.1100e-003**	**3.0700e-003**	**0.0322**	**1.0000e-004**	**0.0118**	**8.0000e-005**	**0.0119**	**3.1400e-003**	**7.0000e-005**	**3.2100e-003**	**0.0000**	**9.4799**	**9.4799**	**2.3000e-004**	**0.0000**	**9.4857**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.0100e-003	0.0304	0.4324	5.7000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	50.0671	50.0671	0.0162	0.0000	50.4719
Paving	0.0131					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0201**	**0.0304**	**0.4324**	**5.7000e-004**		**9.3000e-004**	**9.3000e-004**		**9.3000e-004**	**9.3000e-004**	**0.0000**	**50.0671**	**50.0671**	**0.0162**	**0.0000**	**50.4719**

3.7 Paving - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1100e-003	3.0700e-003	0.0322	1.0000e-004	0.0118	8.0000e-005	0.0119	3.1400e-003	7.0000e-005	3.2100e-003	0.0000	9.4799	9.4799	2.3000e-004	0.0000	9.4857
Total	**4.1100e-003**	**3.0700e-003**	**0.0322**	**1.0000e-004**	**0.0118**	**8.0000e-005**	**0.0119**	**3.1400e-003**	**7.0000e-005**	**3.2100e-003**	**0.0000**	**9.4799**	**9.4799**	**2.3000e-004**	**0.0000**	**9.4857**

3.8 Architectural Coating - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4290					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	**0.4309**	**0.0130**	**0.0181**	**3.0000e-005**		**7.1000e-004**	**7.1000e-004**		**7.1000e-004**	**7.1000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.5000e-004**	**0.0000**	**2.5571**

3.8 Architectural Coating - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0300e-003	7.7000e-004	8.0600e-003	3.0000e-005	2.9500e-003	2.0000e-005	2.9700e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.3700	2.3700	6.0000e-005	0.0000	2.3714
Total	**1.0300e-003**	**7.7000e-004**	**8.0600e-003**	**3.0000e-005**	**2.9500e-003**	**2.0000e-005**	**2.9700e-003**	**7.8000e-004**	**2.0000e-005**	**8.0000e-004**	**0.0000**	**2.3700**	**2.3700**	**6.0000e-005**	**0.0000**	**2.3714**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4290					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	**0.4293**	**1.2900e-003**	**0.0183**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.5533**	**2.5533**	**1.5000e-004**	**0.0000**	**2.5571**

3.8 Architectural Coating - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0300e-003	7.7000e-004	8.0600e-003	3.0000e-005	2.9500e-003	2.0000e-005	2.9700e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.3700	2.3700	6.0000e-005	0.0000	2.3714
Total	**1.0300e-003**	**7.7000e-004**	**8.0600e-003**	**3.0000e-005**	**2.9500e-003**	**2.0000e-005**	**2.9700e-003**	**7.8000e-004**	**2.0000e-005**	**8.0000e-004**	**0.0000**	**2.3700**	**2.3700**	**6.0000e-005**	**0.0000**	**2.3714**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Mobile Home Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Parking	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Mobile Home Park	16.80	7.10	7.90	46.90	17.40	35.70	86	11	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
User Defined Parking	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Mobile Home Park	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
Other Asphalt Surfaces	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
User Defined Parking	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1802	6.7600e-003	0.5866	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9587	0.9587	9.2000e-004	0.0000	0.9817
Unmitigated	0.1802	6.7600e-003	0.5866	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9587	0.9587	9.2000e-004	0.0000	0.9817

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1626					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0177	6.7600e-003	0.5866	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9587	0.9587	9.2000e-004	0.0000	0.9817
Total	**0.1802**	**6.7600e-003**	**0.5866**	**3.0000e-005**		**3.2500e-003**	**3.2500e-003**		**3.2500e-003**	**3.2500e-003**	**0.0000**	**0.9587**	**0.9587**	**9.2000e-004**	**0.0000**	**0.9817**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1626					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0177	6.7600e-003	0.5866	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9587	0.9587	9.2000e-004	0.0000	0.9817
Total	**0.1802**	**6.7600e-003**	**0.5866**	**3.0000e-005**		**3.2500e-003**	**3.2500e-003**		**3.2500e-003**	**3.2500e-003**	**0.0000**	**0.9587**	**0.9587**	**9.2000e-004**	**0.0000**	**0.9817**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Mobile Home Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Mobile Home Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction

Merced County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0
User Defined Parking	20.00	User Defined Unit	20.00	871,200.00	0
Mobile Home Park	79.00	Dwelling Unit	15.00	20,000.00	250

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	49
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO2 was adjusted based PG&E's reported intensity for 2017.

Land Use - Using mobile home park as surrogate for campground. Acreage and building size based on applicant input. 20 acres assumed to be graded for contractor areas.

Construction Phase - Shortened building construction phase based on minimal structures. 18 month construction assumed for campground. Contractor work area construction assumed in mid 2021.

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Trencher added for utility infrastructure for campground

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Trips and VMT - Adjusted daily trips to even numbers, reduced quantity of workers/vendors for building construction based on minimal structures, and added vendor trips during grading for water trucks. Increased triplengths for worker and vendor trucks to 40 miles. Reduced triplength for material haul from borrow areas to 4 miles.

On-road Fugitive Dust - Default

Grading - 20,000 CY soil assumed to be imported based on applicant input for campground

Architectural Coating - Adjusted coating square feet to 20,000 SF of non-residential building structures and paved striping/parking

Vehicle Trips - Construction run only

Woodstoves - Construction run only

Consumer Products - Construction run only

Area Coating - Construction run only

Landscape Equipment - Construction run only

Energy Use - Construction run only

Water And Wastewater - Construction run only

Solid Waste - Construction run only

Construction Off-road Equipment Mitigation - Water exposed area 2x per day and limit vehicle speeds on unpaved areas to 15 mph. Tier 4 Final equipment assumed for all > 50 hp

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	15,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	30,000.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	40,500.00	0.00
tblAreaCoating	Area_Parking	78408	0

tblAreaCoating	Area_Residential_Exterior	13500	0
tblAreaCoating	Area_Residential_Interior	40500	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	740.00	236.00
tblConstructionPhase	NumDays	75.00	30.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	55.00	50.00
tblConstructionPhase	NumDays	30.00	10.00
tblEnergyUse	LightingElect	1,038.60	0.00
tblEnergyUse	NT24E	4,004.74	0.00
tblEnergyUse	NT24NG	3,723.00	0.00
tblEnergyUse	T24E	666.82	0.00
tblEnergyUse	T24NG	13,224.97	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	43.45	0.00
tblFireplaces	NumberNoFireplace	35.55	0.00
tblGrading	MaterialImported	0.00	20,000.00
tblLandUse	LandUseSquareFeet	0.00	871,200.00
tblLandUse	LandUseSquareFeet	94,800.00	20,000.00
tblLandUse	LotAcreage	0.00	20.00
tblLandUse	LotAcreage	9.95	15.00
tblLandUse	Population	226.00	250.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading/Trenching - Campground-Day Use
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction - Merced County, Summer

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	36.34	0.00
tblTripsAndVMT	HaulingTripLength	20.00	4.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	223.00	20.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripNumber	23.00	24.00
tblTripsAndVMT	WorkerTripNumber	606.00	24.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	121.00	10.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	SU_TR	4.36	0.00
tblVehicleTrips	WD_TR	4.99	0.00

tblWater	IndoorWaterUseRate	5,147,168.02	0.00
tblWater	OutdoorWaterUseRate	3,244,953.75	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.4924	47.7708	33.4981	0.0732	18.6134	2.0482	20.6616	10.0758	1.8843	11.9601	0.0000	7,145.7850	7,145.7850	1.9748	0.0000	7,195.1543
2022	4.4316	48.7379	34.9908	0.0888	18.6134	1.8922	20.2296	10.0758	1.7413	11.5626	0.0000	8,742.5456	8,742.5456	2.2871	0.0000	8,799.7226
2023	43.1991	18.2107	19.6293	0.0580	1.4704	0.7126	2.1829	0.4065	0.6705	1.0771	0.0000	5,770.1565	5,770.1565	0.7255	0.0000	5,786.9373
Maximum	**43.1991**	**48.7379**	**34.9908**	**0.0888**	**18.6134**	**2.0482**	**20.6616**	**10.0758**	**1.8843**	**11.9601**	**0.0000**	**8,742.5456**	**8,742.5456**	**2.2871**	**0.0000**	**8,799.7226**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.0628	4.6710	35.6188	0.0732	8.6770	0.1123	8.7428	4.6139	0.1117	4.6794	0.0000	7,145.7850	7,145.7850	1.9748	0.0000	7,195.1543
2022	1.2458	9.9937	38.8945	0.0888	8.6770	0.1355	8.7427	4.6139	0.1338	4.6793	0.0000	8,742.5456	8,742.5456	2.2871	0.0000	8,799.7226
2023	43.0371	6.4771	21.0266	0.0580	1.4704	0.1058	1.5762	0.4065	0.1051	0.5116	0.0000	5,770.1565	5,770.1565	0.7255	0.0000	5,786.9373
Maximum	**43.0371**	**9.9937**	**38.8945**	**0.0888**	**8.6770**	**0.1355**	**8.7428**	**4.6139**	**0.1338**	**4.6794**	**0.0000**	**8,742.5456**	**8,742.5456**	**2.2871**	**0.0000**	**8,799.7226**

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction - Merced County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	13.00	81.57	-8.42	0.00	51.35	92.40	55.75	53.14	91.84	59.88	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Prep - Contractor	Site Preparation	6/1/2021	6/14/2021	5	10	
2	Grading - Contractor	Grading	6/15/2021	7/26/2021	5	30	
3	Site Prep - Campground-Day Use	Site Preparation	6/1/2022	7/12/2022	5	30	
4	Grading/Trenching - Campground-Day Use	Grading	7/13/2022	10/4/2022	5	60	
5	Building Construction - Campground-Day Use	Building Construction	10/5/2022	8/30/2023	5	236	
6	Paving - Campground-Day Use	Paving	8/31/2023	11/8/2023	5	50	
7	Architectural Coating - Campground-Day Use	Architectural Coating	11/9/2023	12/6/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 30

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 30,000; Non-Residential Outdoor: 15,000; Striped Parking Area: 78,408 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Prep - Contractor	Rubber Tired Dozers	3	8.00	247	0.40
Site Prep - Contractor	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Grading - Contractor	Excavators	2	8.00	158	0.38
Grading - Contractor	Graders	1	8.00	187	0.41
Grading - Contractor	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Contractor	Scrapers	2	8.00	367	0.48
Grading - Contractor	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Prep - Campground-Day Use	Rubber Tired Dozers	3	8.00	247	0.40
Site Prep - Campground-Day Use	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading/Trenching - Campground-Day Use	Excavators	2	8.00	158	0.38
Grading/Trenching - Campground-Day Use	Graders	1	8.00	187	0.41
Grading/Trenching - Campground-Day Use	Rubber Tired Dozers	1	8.00	247	0.40
Grading/Trenching - Campground-Day Use	Scrapers	2	8.00	367	0.48
Grading/Trenching - Campground-Day Use	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading/Trenching - Campground-Day Use	Trenchers	1	8.00	78	0.50
Building Construction - Campground-Day Use	Cranes	1	7.00	231	0.29
Building Construction - Campground-Day Use	Forklifts	3	8.00	89	0.20
Building Construction - Campground-Day Use	Generator Sets	1	8.00	84	0.74
Building Construction - Campground-Day Use	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Campground-Day Use	Welders	1	8.00	46	0.45
Paving - Campground-Day Use	Pavers	2	8.00	130	0.42
Paving - Campground-Day Use	Paving Equipment	2	8.00	132	0.36
Paving - Campground-Day Use	Rollers	2	8.00	80	0.38
Architectural Coating - Campground-Day Use	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Prep - Contractor	7	18.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Contractor	8	20.00	4.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep - Campground-Day Use	7	18.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Trenching - Campground-Day Use	9	24.00	4.00	2,500.00	40.00	40.00	4.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Campground-Day Use	9	24.00	20.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Campground-Day Use	6	16.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Campground-Day Use	1	10.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Prep - Contractor - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.2 Site Prep - Contractor - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2269	0.1602	2.1048	5.5700e-003	0.5472	3.7100e-003	0.5509	0.1451	3.4200e-003	0.1485		555.0309	555.0309	0.0163		555.4389
Total	**0.2269**	**0.1602**	**2.1048**	**5.5700e-003**	**0.5472**	**3.7100e-003**	**0.5509**	**0.1451**	**3.4200e-003**	**0.1485**		**555.0309**	**555.0309**	**0.0163**		**555.4389**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.2 Site Prep - Contractor - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2269	0.1602	2.1048	5.5700e-003	0.5472	3.7100e-003	0.5509	0.1451	3.4200e-003	0.1485		555.0309	555.0309	0.0163		555.4389
Total	**0.2269**	**0.1602**	**2.1048**	**5.5700e-003**	**0.5472**	**3.7100e-003**	**0.5509**	**0.1451**	**3.4200e-003**	**0.1485**		**555.0309**	**555.0309**	**0.0163**		**555.4389**

3.3 Grading - Contractor - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - Contractor - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0492	1.1930	0.2810	4.9900e-003	0.1482	6.6800e-003	0.1548	0.0426	6.3900e-003	0.0490		522.0405	522.0405	0.0138		522.3866
Worker	0.2521	0.1780	2.3387	6.1900e-003	0.6080	4.1200e-003	0.6121	0.1612	3.8000e-003	0.1650		616.7010	616.7010	0.0181		617.1544
Total	**0.3012**	**1.3710**	**2.6197**	**0.0112**	**0.7561**	**0.0108**	**0.7669**	**0.2038**	**0.0102**	**0.2140**		**1,138.7415**	**1,138.7415**	**0.0320**		**1,139.5409**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**0.7616**	**3.3000**	**32.9991**	**0.0620**	**3.9030**	**0.1015**	**4.0045**	**1.6184**	**0.1015**	**1.7200**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - Contractor - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0492	1.1930	0.2810	4.9900e-003	0.1482	6.6800e-003	0.1548	0.0426	6.3900e-003	0.0490		522.0405	522.0405	0.0138		522.3866
Worker	0.2521	0.1780	2.3387	6.1900e-003	0.6080	4.1200e-003	0.6121	0.1612	3.8000e-003	0.1650		616.7010	616.7010	0.0181		617.1544
Total	**0.3012**	**1.3710**	**2.6197**	**0.0112**	**0.7561**	**0.0108**	**0.7669**	**0.2038**	**0.0102**	**0.2140**		**1,138.7415**	**1,138.7415**	**0.0320**		**1,139.5409**

3.4 Site Prep - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**18.0663**	**1.6126**	**19.6788**	**9.9307**	**1.4836**	**11.4143**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

3.4 Site Prep - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2096	0.1432	1.9230	5.3700e-003	0.5472	3.5800e-003	0.5508	0.1451	3.3000e-003	0.1484		535.1096	535.1096	0.0146		535.4744
Total	**0.2096**	**0.1432**	**1.9230**	**5.3700e-003**	**0.5472**	**3.5800e-003**	**0.5508**	**0.1451**	**3.3000e-003**	**0.1484**		**535.1096**	**535.1096**	**0.0146**		**535.4744**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

3.4 Site Prep - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2096	0.1432	1.9230	5.3700e-003	0.5472	3.5800e-003	0.5508	0.1451	3.3000e-003	0.1484		535.1096	535.1096	0.0146		535.4744
Total	**0.2096**	**0.1432**	**1.9230**	**5.3700e-003**	**0.5472**	**3.5800e-003**	**0.5508**	**0.1451**	**3.3000e-003**	**0.1484**		**535.1096**	**535.1096**	**0.0146**		**535.4744**

3.5 Grading/Trenching - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7110	0.0000	8.7110	3.6022	0.0000	3.6022			0.0000			0.0000
Off-Road	3.9887	42.2232	31.6405	0.0655		1.8744	1.8744		1.7244	1.7244		6,338.3600	6,338.3600	2.0500		6,389.6088
Total	**3.9887**	**42.2232**	**31.6405**	**0.0655**	**8.7110**	**1.8744**	**10.5854**	**3.6022**	**1.7244**	**5.3266**		**6,338.3600**	**6,338.3600**	**2.0500**		**6,389.6088**

3.5 Grading/Trenching - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1181	5.2271	0.5307	0.0112	0.1469	7.2800e-003	0.1541	0.0404	6.9700e-003	0.0473		1,173.4727	1,173.4727	0.2045		1,178.5846
Vendor	0.0453	1.0967	0.2557	4.9500e-003	0.1482	5.7900e-003	0.1540	0.0426	5.5400e-003	0.0482		517.2335	517.2335	0.0132		517.5633
Worker	0.2795	0.1910	2.5640	7.1600e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		713.4794	713.4794	0.0195		713.9658
Total	**0.4430**	**6.5148**	**3.3504**	**0.0233**	**1.0246**	**0.0178**	**1.0424**	**0.2764**	**0.0169**	**0.2933**		**2,404.1856**	**2,404.1856**	**0.2371**		**2,410.1137**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9200	0.0000	3.9200	1.6210	0.0000	1.6210			0.0000			0.0000
Off-Road	0.8028	3.4789	35.5442	0.0655		0.1070	0.1070		0.1070	0.1070	0.0000	6,338.3600	6,338.3600	2.0500		6,389.6088
Total	**0.8028**	**3.4789**	**35.5442**	**0.0655**	**3.9200**	**0.1070**	**4.0270**	**1.6210**	**0.1070**	**1.7280**	**0.0000**	**6,338.3600**	**6,338.3600**	**2.0500**		**6,389.6088**

3.5 Grading/Trenching - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1181	5.2271	0.5307	0.0112	0.1469	7.2800e-003	0.1541	0.0404	6.9700e-003	0.0473		1,173.4727	1,173.4727	0.2045		1,178.5846
Vendor	0.0453	1.0967	0.2557	4.9500e-003	0.1482	5.7900e-003	0.1540	0.0426	5.5400e-003	0.0482		517.2335	517.2335	0.0132		517.5633
Worker	0.2795	0.1910	2.5640	7.1600e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		713.4794	713.4794	0.0195		713.9658
Total	**0.4430**	**6.5148**	**3.3504**	**0.0233**	**1.0246**	**0.0178**	**1.0424**	**0.2764**	**0.0169**	**0.2933**		**2,404.1856**	**2,404.1856**	**0.2371**		**2,410.1137**

3.6 Building Construction - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.6 Building Construction - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2266	5.4836	1.2784	0.0247	0.7408	0.0290	0.7697	0.2131	0.0277	0.2408		2,586.1674	2,586.1674	0.0660		2,587.8165
Worker	0.2795	0.1910	2.5640	7.1600e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		713.4794	713.4794	0.0195		713.9658
Total	**0.5061**	**5.6746**	**3.8424**	**0.0319**	**1.4703**	**0.0337**	**1.5041**	**0.4065**	**0.0321**	**0.4386**		**3,299.6468**	**3,299.6468**	**0.0854**		**3,301.7823**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**0.5608**	**2.6936**	**17.6592**	**0.0269**		**0.1018**	**0.1018**		**0.1018**	**0.1018**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.6 Building Construction - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2266	5.4836	1.2784	0.0247	0.7408	0.0290	0.7697	0.2131	0.0277	0.2408		2,586.1674	2,586.1674	0.0660		2,587.8165
Worker	0.2795	0.1910	2.5640	7.1600e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		713.4794	713.4794	0.0195		713.9658
Total	**0.5061**	**5.6746**	**3.8424**	**0.0319**	**1.4703**	**0.0337**	**1.5041**	**0.4065**	**0.0321**	**0.4386**		**3,299.6468**	**3,299.6468**	**0.0854**		**3,301.7823**

3.6 Building Construction - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.6 Building Construction - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1527	3.6551	1.0505	0.0242	0.7408	8.2300e-003	0.7490	0.2131	7.8700e-003	0.2210		2,528.3446	2,528.3446	0.0461		2,529.4965
Worker	0.2585	0.1707	2.3348	6.8900e-003	0.7296	4.6200e-003	0.7342	0.1934	4.2500e-003	0.1977		686.6020	686.6020	0.0173		687.0348
Total	**0.4112**	**3.8258**	**3.3853**	**0.0311**	**1.4704**	**0.0129**	**1.4832**	**0.4065**	**0.0121**	**0.4186**		**3,214.9466**	**3,214.9466**	**0.0634**		**3,216.5312**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5385	2.6513	17.6413	0.0269		0.0930	0.0930		0.0930	0.0930	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5385**	**2.6513**	**17.6413**	**0.0269**		**0.0930**	**0.0930**		**0.0930**	**0.0930**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.6 Building Construction - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1527	3.6551	1.0505	0.0242	0.7408	8.2300e-003	0.7490	0.2131	7.8700e-003	0.2210		2,528.3446	2,528.3446	0.0461		2,529.4965
Worker	0.2585	0.1707	2.3348	6.8900e-003	0.7296	4.6200e-003	0.7342	0.1934	4.2500e-003	0.1977		686.6020	686.6020	0.0173		687.0348
Total	**0.4112**	**3.8258**	**3.3853**	**0.0311**	**1.4704**	**0.0129**	**1.4832**	**0.4065**	**0.0121**	**0.4186**		**3,214.9466**	**3,214.9466**	**0.0634**		**3,216.5312**

3.7 Paving - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5567**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1723	0.1138	1.5565	4.5900e-003	0.4864	3.0800e-003	0.4895	0.1290	2.8300e-003	0.1318		457.7347	457.7347	0.0115		458.0232
Total	**0.1723**	**0.1138**	**1.5565**	**4.5900e-003**	**0.4864**	**3.0800e-003**	**0.4895**	**0.1290**	**2.8300e-003**	**0.1318**		**457.7347**	**457.7347**	**0.0115**		**458.0232**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8045**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1723	0.1138	1.5565	4.5900e-003	0.4864	3.0800e-003	0.4895	0.1290	2.8300e-003	0.1318		457.7347	457.7347	0.0115		458.0232
Total	**0.1723**	**0.1138**	**1.5565**	**4.5900e-003**	**0.4864**	**3.0800e-003**	**0.4895**	**0.1290**	**2.8300e-003**	**0.1318**		**457.7347**	**457.7347**	**0.0115**		**458.0232**

3.8 Architectural Coating - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.8997					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**43.0914**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1077	0.0711	0.9728	2.8700e-003	0.3040	1.9200e-003	0.3059	0.0806	1.7700e-003	0.0824		286.0842	286.0842	7.2100e-003		286.2645
Total	**0.1077**	**0.0711**	**0.9728**	**2.8700e-003**	**0.3040**	**1.9200e-003**	**0.3059**	**0.0806**	**1.7700e-003**	**0.0824**		**286.0842**	**286.0842**	**7.2100e-003**		**286.2645**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.8997					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**42.9294**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1077	0.0711	0.9728	2.8700e-003	0.3040	1.9200e-003	0.3059	0.0806	1.7700e-003	0.0824		286.0842	286.0842	7.2100e-003		286.2645
Total	**0.1077**	**0.0711**	**0.9728**	**2.8700e-003**	**0.3040**	**1.9200e-003**	**0.3059**	**0.0806**	**1.7700e-003**	**0.0824**		**286.0842**	**286.0842**	**7.2100e-003**		**286.2645**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Mobile Home Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Parking	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Mobile Home Park	16.80	7.10	7.90	46.90	17.40	35.70	86	11	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
User Defined Parking	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Mobile Home Park	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
Other Asphalt Surfaces	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
User Defined Parking	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241
Unmitigated	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1962	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7422	11.7422	0.0113		12.0241
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1962	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7422	11.7422	0.0113		12.0241
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction

Merced County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0
User Defined Parking	20.00	User Defined Unit	20.00	871,200.00	0
Mobile Home Park	79.00	Dwelling Unit	15.00	20,000.00	250

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	49
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO2 was adjusted based PG&E's reported intensity for 2017.

Land Use - Using mobile home park as surrogate for campground. Acreage and building size based on applicant input. 20 acres assumed to be graded for contractor areas.

Construction Phase - Shortened building construction phase based on minimal structures. 18 month construction assumed for campground. Contractor work area construction assumed in mid 2021.

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Trencher added for utility infrastructure for campground

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Trips and VMT - Adjusted daily trips to even numbers, reduced quantity of workers/vendors for building construction based on minimal structures, and added vendor trips during grading for water trucks. Increased triplengths for worker and vendor trucks to 40 miles. Reduced triplength for material haul from borrow areas to 4 miles.

On-road Fugitive Dust - Default

Grading - 20,000 CY soil assumed to be imported based on applicant input for campground

Architectural Coating - Adjusted coating square feet to 20,000 SF of non-residential building structures and paved striping/parking

Vehicle Trips - Construction run only

Woodstoves - Construction run only

Consumer Products - Construction run only

Area Coating - Construction run only

Landscape Equipment - Construction run only

Energy Use - Construction run only

Water And Wastewater - Construction run only

Solid Waste - Construction run only

Construction Off-road Equipment Mitigation - Water exposed area 2x per day and limit vehicle speeds on unpaved areas to 15 mph. Tier 4 Final equipment assumed for all > 50 hp

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	15,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	30,000.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	40,500.00	0.00
tblAreaCoating	Area_Parking	78408	0

tblAreaCoating	Area_Residential_Exterior	13500	0
tblAreaCoating	Area_Residential_Interior	40500	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	740.00	236.00
tblConstructionPhase	NumDays	75.00	30.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	55.00	50.00
tblConstructionPhase	NumDays	30.00	10.00
tblEnergyUse	LightingElect	1,038.60	0.00
tblEnergyUse	NT24E	4,004.74	0.00
tblEnergyUse	NT24NG	3,723.00	0.00
tblEnergyUse	T24E	666.82	0.00
tblEnergyUse	T24NG	13,224.97	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	43.45	0.00
tblFireplaces	NumberNoFireplace	35.55	0.00
tblGrading	MaterialImported	0.00	20,000.00
tblLandUse	LandUseSquareFeet	0.00	871,200.00
tblLandUse	LandUseSquareFeet	94,800.00	20,000.00
tblLandUse	LotAcreage	0.00	20.00
tblLandUse	LotAcreage	9.95	15.00
tblLandUse	Population	226.00	250.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading/Trenching - Campground-Day Use
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction - Merced County, Winter

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	36.34	0.00
tblTripsAndVMT	HaulingTripLength	20.00	4.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripLength	6.60	40.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	223.00	20.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripLength	16.80	40.00
tblTripsAndVMT	WorkerTripNumber	23.00	24.00
tblTripsAndVMT	WorkerTripNumber	606.00	24.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	121.00	10.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	SU_TR	4.36	0.00
tblVehicleTrips	WD_TR	4.99	0.00

tblWater	IndoorWaterUseRate	5,147,168.02	0.00
tblWater	OutdoorWaterUseRate	3,244,953.75	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.5093	47.8617	33.0237	0.0724	18.6134	2.0482	20.6616	10.0758	1.8843	11.9601	0.0000	7,069.1309	7,069.1309	1.9733	0.0000	7,118.4637
2022	4.4613	48.7378	34.6590	0.0871	18.6134	1.8929	20.2296	10.0758	1.7420	11.5626	0.0000	8,575.6898	8,575.6898	2.3143	0.0000	8,633.5474
2023	43.2065	18.3980	19.1696	0.0570	1.4704	0.7126	2.1830	0.4065	0.6706	1.0771	0.0000	5,670.2446	5,670.2446	0.7237	0.0000	5,687.0738
Maximum	**43.2065**	**48.7378**	**34.6590**	**0.0871**	**18.6134**	**2.0482**	**20.6616**	**10.0758**	**1.8843**	**11.9601**	**0.0000**	**8,575.6898**	**8,575.6898**	**2.3143**	**0.0000**	**8,633.5474**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.0797	4.7619	35.1444	0.0724	8.6770	0.1124	8.7428	4.6139	0.1118	4.6794	0.0000	7,069.1309	7,069.1309	1.9733	0.0000	7,118.4637
2022	1.2754	9.9935	38.5627	0.0871	8.6770	0.1357	8.7427	4.6139	0.1341	4.6793	0.0000	8,575.6898	8,575.6898	2.3143	0.0000	8,633.5474
2023	43.0445	6.6644	20.5669	0.0570	1.4704	0.1059	1.5762	0.4065	0.1051	0.5117	0.0000	5,670.2446	5,670.2446	0.7237	0.0000	5,687.0738
Maximum	**43.0445**	**9.9935**	**38.5627**	**0.0871**	**8.6770**	**0.1357**	**8.7428**	**4.6139**	**0.1341**	**4.6794**	**0.0000**	**8,575.6898**	**8,575.6898**	**2.3143**	**0.0000**	**8,633.5474**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	12.99	81.37	-8.55	0.00	51.35	92.39	55.75	53.14	91.83	59.88	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Prep - Contractor	Site Preparation	6/1/2021	6/14/2021	5	10	
2	Grading - Contractor	Grading	6/15/2021	7/26/2021	5	30	
3	Site Prep - Campground-Day Use	Site Preparation	6/1/2022	7/12/2022	5	30	
4	Grading/Trenching - Campground-Day Use	Grading	7/13/2022	10/4/2022	5	60	
5	Building Construction - Campground-Day Use	Building Construction	10/5/2022	8/30/2023	5	236	
6	Paving - Campground-Day Use	Paving	8/31/2023	11/8/2023	5	50	
7	Architectural Coating - Campground-Day Use	Architectural Coating	11/9/2023	12/6/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 30

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 30,000; Non-Residential Outdoor: 15,000; Striped Parking Area: 78,408 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Prep - Contractor	Rubber Tired Dozers	3	8.00	247	0.40
Site Prep - Contractor	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Grading - Contractor	Excavators	2	8.00	158	0.38
Grading - Contractor	Graders	1	8.00	187	0.41
Grading - Contractor	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Contractor	Scrapers	2	8.00	367	0.48
Grading - Contractor	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Prep - Campground-Day Use	Rubber Tired Dozers	3	8.00	247	0.40
Site Prep - Campground-Day Use	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading/Trenching - Campground-Day Use	Excavators	2	8.00	158	0.38
Grading/Trenching - Campground-Day Use	Graders	1	8.00	187	0.41
Grading/Trenching - Campground-Day Use	Rubber Tired Dozers	1	8.00	247	0.40
Grading/Trenching - Campground-Day Use	Scrapers	2	8.00	367	0.48
Grading/Trenching - Campground-Day Use	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading/Trenching - Campground-Day Use	Trenchers	1	8.00	78	0.50
Building Construction - Campground-Day Use	Cranes	1	7.00	231	0.29
Building Construction - Campground-Day Use	Forklifts	3	8.00	89	0.20
Building Construction - Campground-Day Use	Generator Sets	1	8.00	84	0.74
Building Construction - Campground-Day Use	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Campground-Day Use	Welders	1	8.00	46	0.45
Paving - Campground-Day Use	Pavers	2	8.00	130	0.42
Paving - Campground-Day Use	Paving Equipment	2	8.00	132	0.36
Paving - Campground-Day Use	Rollers	2	8.00	80	0.38
Architectural Coating - Campground-Day Use	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Prep - Contractor	7	18.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Contractor	8	20.00	4.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep - Campground-Day Use	7	18.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Trenching - Campground-Day Use	9	24.00	4.00	2,500.00	40.00	40.00	4.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Campground-Day Use	9	24.00	20.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Campground-Day Use	6	16.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Campground-Day Use	1	10.00	0.00	0.00	40.00	40.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Prep - Contractor - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.2 Site Prep - Contractor - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2413	0.1903	1.6686	4.9100e-003	0.5472	3.7100e-003	0.5509	0.1451	3.4200e-003	0.1485		489.5562	489.5562	0.0138		489.9008
Total	**0.2413**	**0.1903**	**1.6686**	**4.9100e-003**	**0.5472**	**3.7100e-003**	**0.5509**	**0.1451**	**3.4200e-003**	**0.1485**		**489.5562**	**489.5562**	**0.0138**		**489.9008**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.2 Site Prep - Contractor - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2413	0.1903	1.6686	4.9100e-003	0.5472	3.7100e-003	0.5509	0.1451	3.4200e-003	0.1485		489.5562	489.5562	0.0138		489.9008
Total	**0.2413**	**0.1903**	**1.6686**	**4.9100e-003**	**0.5472**	**3.7100e-003**	**0.5509**	**0.1451**	**3.4200e-003**	**0.1485**		**489.5562**	**489.5562**	**0.0138**		**489.9008**

3.3 Grading - Contractor - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - Contractor - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0500	1.2504	0.2913	4.9500e-003	0.1482	6.7300e-003	0.1549	0.0426	6.4400e-003	0.0491		518.1362	518.1362	0.0152		518.5161
Worker	0.2682	0.2115	1.8540	5.4600e-003	0.6080	4.1200e-003	0.6121	0.1612	3.8000e-003	0.1650		543.9513	543.9513	0.0153		544.3342
Total	**0.3182**	**1.4618**	**2.1453**	**0.0104**	**0.7561**	**0.0109**	**0.7670**	**0.2038**	**0.0102**	**0.2141**		**1,062.0875**	**1,062.0875**	**0.0305**		**1,062.8502**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**0.7616**	**3.3000**	**32.9991**	**0.0620**	**3.9030**	**0.1015**	**4.0045**	**1.6184**	**0.1015**	**1.7200**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - Contractor - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0500	1.2504	0.2913	4.9500e-003	0.1482	6.7300e-003	0.1549	0.0426	6.4400e-003	0.0491		518.1362	518.1362	0.0152		518.5161
Worker	0.2682	0.2115	1.8540	5.4600e-003	0.6080	4.1200e-003	0.6121	0.1612	3.8000e-003	0.1650		543.9513	543.9513	0.0153		544.3342
Total	**0.3182**	**1.4618**	**2.1453**	**0.0104**	**0.7561**	**0.0109**	**0.7670**	**0.2038**	**0.0102**	**0.2141**		**1,062.0875**	**1,062.0875**	**0.0305**		**1,062.8502**

3.4 Site Prep - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**18.0663**	**1.6126**	**19.6788**	**9.9307**	**1.4836**	**11.4143**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

3.4 Site Prep - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2234	0.1701	1.5206	4.7400e-003	0.5472	3.5800e-003	0.5508	0.1451	3.3000e-003	0.1484		471.9878	471.9878	0.0123		472.2957
Total	**0.2234**	**0.1701**	**1.5206**	**4.7400e-003**	**0.5472**	**3.5800e-003**	**0.5508**	**0.1451**	**3.3000e-003**	**0.1484**		**471.9878**	**471.9878**	**0.0123**		**472.2957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

3.4 Site Prep - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2234	0.1701	1.5206	4.7400e-003	0.5472	3.5800e-003	0.5508	0.1451	3.3000e-003	0.1484		471.9878	471.9878	0.0123		472.2957
Total	**0.2234**	**0.1701**	**1.5206**	**4.7400e-003**	**0.5472**	**3.5800e-003**	**0.5508**	**0.1451**	**3.3000e-003**	**0.1484**		**471.9878**	**471.9878**	**0.0123**		**472.2957**

3.5 Grading/Trenching - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7110	0.0000	8.7110	3.6022	0.0000	3.6022			0.0000			0.0000
Off-Road	3.9887	42.2232	31.6405	0.0655		1.8744	1.8744		1.7244	1.7244		6,338.3600	6,338.3600	2.0500		6,389.6088
Total	**3.9887**	**42.2232**	**31.6405**	**0.0655**	**8.7110**	**1.8744**	**10.5854**	**3.6022**	**1.7244**	**5.3266**		**6,338.3600**	**6,338.3600**	**2.0500**		**6,389.6088**

3.5 Grading/Trenching - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1286	5.1398	0.7252	0.0104	0.1469	7.9700e-003	0.1548	0.0404	7.6300e-003	0.0480		1,094.6722	1,094.6722	0.2334		1,100.5067
Vendor	0.0462	1.1480	0.2659	4.9100e-003	0.1482	5.8400e-003	0.1540	0.0426	5.5800e-003	0.0482		513.3405	513.3405	0.0146		513.7044
Worker	0.2979	0.2268	2.0275	6.3100e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		629.3171	629.3171	0.0164		629.7275
Total	**0.4726**	**6.5146**	**3.0186**	**0.0217**	**1.0246**	**0.0186**	**1.0432**	**0.2764**	**0.0176**	**0.2940**		**2,237.3298**	**2,237.3298**	**0.2644**		**2,243.9386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9200	0.0000	3.9200	1.6210	0.0000	1.6210			0.0000			0.0000
Off-Road	0.8028	3.4789	35.5442	0.0655		0.1070	0.1070		0.1070	0.1070	0.0000	6,338.3600	6,338.3600	2.0500		6,389.6088
Total	**0.8028**	**3.4789**	**35.5442**	**0.0655**	**3.9200**	**0.1070**	**4.0270**	**1.6210**	**0.1070**	**1.7280**	**0.0000**	**6,338.3600**	**6,338.3600**	**2.0500**		**6,389.6088**

3.5 Grading/Trenching - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1286	5.1398	0.7252	0.0104	0.1469	7.9700e-003	0.1548	0.0404	7.6300e-003	0.0480		1,094.6722	1,094.6722	0.2334		1,100.5067
Vendor	0.0462	1.1480	0.2659	4.9100e-003	0.1482	5.8400e-003	0.1540	0.0426	5.5800e-003	0.0482		513.3405	513.3405	0.0146		513.7044
Worker	0.2979	0.2268	2.0275	6.3100e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		629.3171	629.3171	0.0164		629.7275
Total	**0.4726**	**6.5146**	**3.0186**	**0.0217**	**1.0246**	**0.0186**	**1.0432**	**0.2764**	**0.0176**	**0.2940**		**2,237.3298**	**2,237.3298**	**0.2644**		**2,243.9386**

3.6 Building Construction - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.6 Building Construction - Campground-Day Use - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2309	5.7400	1.3293	0.0245	0.7408	0.0292	0.7700	0.2131	0.0279	0.2410		2,566.7025	2,566.7025	0.0728		2,568.5218
Worker	0.2979	0.2268	2.0275	6.3100e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		629.3171	629.3171	0.0164		629.7275
Total	**0.5287**	**5.9668**	**3.3568**	**0.0309**	**1.4703**	**0.0340**	**1.5043**	**0.4065**	**0.0323**	**0.4388**		**3,196.0196**	**3,196.0196**	**0.0892**		**3,198.2493**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**0.5608**	**2.6936**	**17.6592**	**0.0269**		**0.1018**	**0.1018**		**0.1018**	**0.1018**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.6 Building Construction - Campground-Day Use - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2309	5.7400	1.3293	0.0245	0.7408	0.0292	0.7700	0.2131	0.0279	0.2410		2,566.7025	2,566.7025	0.0728		2,568.5218
Worker	0.2979	0.2268	2.0275	6.3100e-003	0.7296	4.7700e-003	0.7343	0.1934	4.3900e-003	0.1978		629.3171	629.3171	0.0164		629.7275
Total	**0.5287**	**5.9668**	**3.3568**	**0.0309**	**1.4703**	**0.0340**	**1.5043**	**0.4065**	**0.0323**	**0.4388**		**3,196.0196**	**3,196.0196**	**0.0892**		**3,198.2493**

3.6 Building Construction - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.6 Building Construction - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1560	3.8106	1.0853	0.0240	0.7408	8.2600e-003	0.7491	0.2131	7.9000e-003	0.2210		2,509.4186	2,509.4186	0.0507		2,510.6871
Worker	0.2762	0.2026	1.8403	6.0700e-003	0.7296	4.6200e-003	0.7342	0.1934	4.2500e-003	0.1977		605.6161	605.6161	0.0146		605.9807
Total	**0.4322**	**4.0131**	**2.9256**	**0.0301**	**1.4704**	**0.0129**	**1.4832**	**0.4065**	**0.0122**	**0.4187**		**3,115.0347**	**3,115.0347**	**0.0653**		**3,116.6678**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5385	2.6513	17.6413	0.0269		0.0930	0.0930		0.0930	0.0930	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5385**	**2.6513**	**17.6413**	**0.0269**		**0.0930**	**0.0930**		**0.0930**	**0.0930**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.6 Building Construction - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1560	3.8106	1.0853	0.0240	0.7408	8.2600e-003	0.7491	0.2131	7.9000e-003	0.2210		2,509.4186	2,509.4186	0.0507		2,510.6871
Worker	0.2762	0.2026	1.8403	6.0700e-003	0.7296	4.6200e-003	0.7342	0.1934	4.2500e-003	0.1977		605.6161	605.6161	0.0146		605.9807
Total	**0.4322**	**4.0131**	**2.9256**	**0.0301**	**1.4704**	**0.0129**	**1.4832**	**0.4065**	**0.0122**	**0.4187**		**3,115.0347**	**3,115.0347**	**0.0653**		**3,116.6678**

3.7 Paving - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5567**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1841	0.1351	1.2269	4.0500e-003	0.4864	3.0800e-003	0.4895	0.1290	2.8300e-003	0.1318		403.7440	403.7440	9.7200e-003		403.9871
Total	**0.1841**	**0.1351**	**1.2269**	**4.0500e-003**	**0.4864**	**3.0800e-003**	**0.4895**	**0.1290**	**2.8300e-003**	**0.1318**		**403.7440**	**403.7440**	**9.7200e-003**		**403.9871**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8045**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1841	0.1351	1.2269	4.0500e-003	0.4864	3.0800e-003	0.4895	0.1290	2.8300e-003	0.1318		403.7440	403.7440	9.7200e-003		403.9871
Total	**0.1841**	**0.1351**	**1.2269**	**4.0500e-003**	**0.4864**	**3.0800e-003**	**0.4895**	**0.1290**	**2.8300e-003**	**0.1318**		**403.7440**	**403.7440**	**9.7200e-003**		**403.9871**

3.8 Architectural Coating - Campground-Day Use - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.8997					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**43.0914**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - Campground-Day Use - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1151	0.0844	0.7668	2.5300e-003	0.3040	1.9200e-003	0.3059	0.0806	1.7700e-003	0.0824		252.3400	252.3400	6.0800e-003		252.4920
Total	**0.1151**	**0.0844**	**0.7668**	**2.5300e-003**	**0.3040**	**1.9200e-003**	**0.3059**	**0.0806**	**1.7700e-003**	**0.0824**		**252.3400**	**252.3400**	**6.0800e-003**		**252.4920**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.8997					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**42.9294**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - Campground-Day Use - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1151	0.0844	0.7668	2.5300e-003	0.3040	1.9200e-003	0.3059	0.0806	1.7700e-003	0.0824		252.3400	252.3400	6.0800e-003		252.4920
Total	**0.1151**	**0.0844**	**0.7668**	**2.5300e-003**	**0.3040**	**1.9200e-003**	**0.3059**	**0.0806**	**1.7700e-003**	**0.0824**		**252.3400**	**252.3400**	**6.0800e-003**		**252.4920**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Mobile Home Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Parking	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Mobile Home Park	16.80	7.10	7.90	46.90	17.40	35.70	86	11	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
User Defined Parking	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Mobile Home Park	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
Other Asphalt Surfaces	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
User Defined Parking	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Parking	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241
Unmitigated	1.0870	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7422	11.7422	0.0113	0.0000	12.0241

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1962	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7422	11.7422	0.0113		12.0241
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8909					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1962	0.0751	6.5179	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7422	11.7422	0.0113		12.0241
Total	**1.0870**	**0.0751**	**6.5179**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7422**	**11.7422**	**0.0113**	**0.0000**	**12.0241**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Sisk Dam - New Campground/San Luis Day Camp Improvements, Contractor Work Area Construction

Merced County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating - Campground-Day Use	0.00	0.85	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Campground-Day Use	0.52	0.63	-0.07	0.00	0.85	0.84	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Contractor	0.77	0.90	-0.06	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Grading/Trenching - Campground-Day Use	0.72	0.79	-0.11	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Campground-Day Use	0.44	0.87	-0.17	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Site Prep - Campground-Day Use	0.80	0.93	-0.05	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Site Prep - Contractor	0.83	0.95	0.01	0.00	0.97	0.96	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Final	1	1	No Change	0.00
Cranes	Diesel	Tier 4 Final	1	1	No Change	0.00
Excavators	Diesel	Tier 4 Final	4	4	No Change	0.00
Forklifts	Diesel	Tier 4 Final	3	3	No Change	0.00
Generator Sets	Diesel	Tier 4 Final	1	1	No Change	0.00
Graders	Diesel	Tier 4 Final	2	2	No Change	0.00
Pavers	Diesel	Tier 4 Final	2	2	No Change	0.00
Paving Equipment	Diesel	Tier 4 Final	2	2	No Change	0.00
Rollers	Diesel	Tier 4 Final	2	2	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Final	8	8	No Change	0.00
Scrapers	Diesel	Tier 4 Final	4	4	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	15	15	No Change	0.00
Trenchers	Diesel	Tier 4 Final	1	1	No Change	0.00
Welders	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	1.92000E-003	1.30300E-002	1.81100E-002	3.00000E-005	7.10000E-004	7.10000E-004	0.00000E+000	2.55325E+000	2.55325E+000	1.50000E-004	0.00000E+000	2.55707E+000
Cranes	3.68800E-002	4.04120E-001	1.91000E-001	6.00000E-004	1.68500E-002	1.55000E-002	0.00000E+000	5.23431E+001	5.23431E+001	1.69300E-002	0.00000E+000	5.27663E+001
Excavators	1.90200E-002	1.71220E-001	2.93460E-001	4.60000E-004	8.29000E-003	7.63000E-003	0.00000E+000	4.08294E+001	4.08294E+001	1.32100E-002	0.00000E+000	4.11595E+001
Forklifts	3.73400E-002	3.48720E-001	4.06100E-001	5.40000E-004	2.19900E-002	2.02300E-002	0.00000E+000	4.75391E+001	4.75391E+001	1.53800E-002	0.00000E+000	4.79235E+001
Generator Sets	3.68500E-002	3.27140E-001	4.33190E-001	7.80000E-004	1.57200E-002	1.57200E-002	0.00000E+000	6.66945E+001	6.66945E+001	3.00000E-003	0.00000E+000	6.67694E+001
Graders	1.92400E-002	2.46600E-001	7.81600E-002	3.00000E-004	7.83000E-003	7.21000E-003	0.00000E+000	2.61846E+001	2.61846E+001	8.47000E-003	0.00000E+000	2.63964E+001
Pavers	9.60000E-003	9.41400E-002	1.44160E-001	2.40000E-004	4.43000E-003	4.07000E-003	0.00000E+000	2.06483E+001	2.06483E+001	6.68000E-003	0.00000E+000	2.08153E+001
Paving Equipment	8.54000E-003	8.01500E-002	1.27840E-001	2.00000E-004	3.90000E-003	3.59000E-003	0.00000E+000	1.78927E+001	1.78927E+001	5.79000E-003	0.00000E+000	1.80374E+001
Rollers	7.69000E-003	8.05100E-002	9.26100E-002	1.30000E-004	4.43000E-003	4.07000E-003	0.00000E+000	1.15261E+001	1.15261E+001	3.73000E-003	0.00000E+000	1.16193E+001
Rubber Tired Dozers	9.41700E-002	9.88660E-001	3.89780E-001	9.00000E-004	4.72800E-002	4.34900E-002	0.00000E+000	7.87874E+001	7.87874E+001	2.54800E-002	0.00000E+000	7.94244E+001
Scrapers	7.70400E-002	8.57690E-001	5.92690E-001	1.37000E-003	3.34400E-002	3.07600E-002	0.00000E+000	1.19980E+002	1.19980E+002	3.88000E-002	0.00000E+000	1.20950E+002
Tractors/Loaders/ Backhoes	7.71200E-002	7.83120E-001	1.07326E+000	1.49000E-003	4.10700E-002	3.77800E-002	0.00000E+000	1.31160E+002	1.31160E+002	4.24200E-002	0.00000E+000	1.32220E+002
Trenchers	1.09200E-002	1.01390E-001	7.79700E-002	1.00000E-004	7.18000E-003	6.61000E-003	0.00000E+000	8.89811E+000	8.89811E+000	2.88000E-003	0.00000E+000	8.97005E+000
Welders	3.07300E-002	1.68960E-001	1.98560E-001	3.00000E-004	6.78000E-003	6.78000E-003	0.00000E+000	2.22100E+001	2.22100E+001	2.49000E-003	0.00000E+000	2.22722E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	3.00000E-004	1.29000E-003	1.83200E-002	3.00000E-005	4.00000E-005	4.00000E-005	0.00000E+000	2.55325E+000	2.55325E+000	1.50000E-004	0.00000E+000	2.55707E+000
Cranes	7.32000E-003	3.17200E-002	2.68380E-001	6.00000E-004	9.80000E-004	9.80000E-004	0.00000E+000	5.23430E+001	5.23430E+001	1.69300E-002	0.00000E+000	5.27663E+001
Excavators	5.72000E-003	2.47800E-002	3.52620E-001	4.60000E-004	7.60000E-004	7.60000E-004	0.00000E+000	4.08293E+001	4.08293E+001	1.32100E-002	0.00000E+000	4.11595E+001
Forklifts	6.67000E-003	2.88900E-002	4.11200E-001	5.40000E-004	8.90000E-004	8.90000E-004	0.00000E+000	4.75391E+001	4.75391E+001	1.53800E-002	0.00000E+000	4.79234E+001
Generator Sets	7.76000E-003	3.36300E-002	4.78650E-001	7.80000E-004	1.03000E-003	1.03000E-003	0.00000E+000	6.66944E+001	6.66944E+001	3.00000E-003	0.00000E+000	6.67693E+001
Graders	3.65000E-003	1.58200E-002	1.33870E-001	3.00000E-004	4.90000E-004	4.90000E-004	0.00000E+000	2.61846E+001	2.61846E+001	8.47000E-003	0.00000E+000	2.63963E+001
Pavers	2.89000E-003	1.25200E-002	1.78150E-001	2.40000E-004	3.90000E-004	3.90000E-004	0.00000E+000	2.06483E+001	2.06483E+001	6.68000E-003	0.00000E+000	2.08152E+001
Paving Equipment	2.51000E-003	1.09000E-002	1.55050E-001	2.00000E-004	3.40000E-004	3.40000E-004	0.00000E+000	1.78927E+001	1.78927E+001	5.79000E-003	0.00000E+000	1.80374E+001
Rollers	1.61000E-003	6.97000E-003	9.91900E-002	1.30000E-004	2.10000E-004	2.10000E-004	0.00000E+000	1.15261E+001	1.15261E+001	3.73000E-003	0.00000E+000	1.16193E+001
Rubber Tired Dozers	1.09800E-002	4.75700E-002	4.02520E-001	9.00000E-004	1.46000E-003	1.46000E-003	0.00000E+000	7.87873E+001	7.87873E+001	2.54800E-002	0.00000E+000	7.94243E+001
Scrapers	1.67800E-002	7.27000E-002	6.15170E-001	1.37000E-003	2.24000E-003	2.24000E-003	0.00000E+000	1.19980E+002	1.19980E+002	3.88000E-002	0.00000E+000	1.20950E+002
Tractors/Loaders/Backhoes	1.82200E-002	7.89600E-002	1.12361E+000	1.49000E-003	2.43000E-003	2.43000E-003	0.00000E+000	1.31160E+002	1.31160E+002	4.24200E-002	0.00000E+000	1.32220E+002
Trenchers	1.24000E-003	5.37000E-003	7.63500E-002	1.00000E-004	1.70000E-004	1.70000E-004	0.00000E+000	8.89810E+000	8.89810E+000	2.88000E-003	0.00000E+000	8.97004E+000
Welders	3.07300E-002	1.68960E-001	1.98560E-001	3.00000E-004	6.78000E-003	6.78000E-003	0.00000E+000	2.22100E+001	2.22100E+001	2.49000E-003	0.00000E+000	2.22722E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	8.43750E-001	9.00998E-001	-1.15958E-002	0.00000E+000	9.43662E-001	9.43662E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	8.01518E-001	9.21508E-001	-4.05131E-001	0.00000E+000	9.41840E-001	9.36774E-001	0.00000E+000	1.14628E-006	1.14628E-006	0.00000E+000	0.00000E+000	1.13709E-006
Excavators	6.99264E-001	8.55274E-001	-2.01595E-001	0.00000E+000	9.08323E-001	9.00393E-001	0.00000E+000	1.22461E-006	1.22461E-006	0.00000E+000	0.00000E+000	1.21479E-006
Forklifts	8.21371E-001	9.17154E-001	-1.25585E-002	0.00000E+000	9.59527E-001	9.56006E-001	0.00000E+000	1.05177E-006	1.05177E-006	0.00000E+000	0.00000E+000	1.25200E-006
Generator Sets	7.89417E-001	8.97200E-001	-1.04942E-001	0.00000E+000	9.34478E-001	9.34478E-001	0.00000E+000	1.19950E-006	1.19950E-006	0.00000E+000	0.00000E+000	1.04838E-006
Graders	8.10291E-001	9.35848E-001	-7.12769E-001	0.00000E+000	9.37420E-001	9.32039E-001	0.00000E+000	1.14571E-006	1.14571E-006	0.00000E+000	0.00000E+000	1.13652E-006
Pavers	6.98958E-001	8.67007E-001	-2.35780E-001	0.00000E+000	9.11964E-001	9.04177E-001	0.00000E+000	9.68602E-007	9.68602E-007	0.00000E+000	0.00000E+000	9.60834E-007
Paving Equipment	7.06089E-001	8.64005E-001	-2.12844E-001	0.00000E+000	9.12821E-001	9.05292E-001	0.00000E+000	1.11777E-006	1.11777E-006	0.00000E+000	0.00000E+000	1.66321E-006
Rollers	7.90637E-001	9.13427E-001	-7.10506E-002	0.00000E+000	9.52596E-001	9.48403E-001	0.00000E+000	8.67594E-007	8.67594E-007	0.00000E+000	0.00000E+000	8.60636E-007
Rubber Tired Dozers	8.83402E-001	9.51884E-001	-3.26851E-002	0.00000E+000	9.69120E-001	9.66429E-001	0.00000E+000	1.26924E-006	1.26924E-006	0.00000E+000	0.00000E+000	1.13315E-006
Scrapers	7.82191E-001	9.15237E-001	-3.79288E-002	0.00000E+000	9.33014E-001	9.27178E-001	0.00000E+000	1.16686E-006	1.16686E-006	0.00000E+000	0.00000E+000	1.24018E-006
Tractors/Loaders/Backhoes	7.63745E-001	8.99173E-001	-4.69131E-002	0.00000E+000	9.40833E-001	9.35680E-001	0.00000E+000	1.21988E-006	1.21988E-006	0.00000E+000	0.00000E+000	1.13447E-006
Trenchers	8.86447E-001	9.47036E-001	2.07772E-002	0.00000E+000	9.76323E-001	9.74281E-001	0.00000E+000	1.12383E-006	1.12383E-006	0.00000E+000	0.00000E+000	1.11482E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.00494E-007	9.00494E-007	0.00000E+000	0.00000E+000	1.34697E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00

No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - Campground-Day Use	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Campground-Day Use	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Campground-Day Use	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Campground-Day Use	Roads	0.17	0.05	0.17	0.05	0.00	0.00
Grading - Contractor	Fugitive Dust	0.13	0.05	0.06	0.02	0.55	0.55
Grading - Contractor	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading/Trenching - Campground-Day Use	Fugitive Dust	0.26	0.11	0.12	0.05	0.55	0.55
Grading/Trenching - Campground-Day Use	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Paving - Campground-Day Use	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Campground-Day Use	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Site Prep - Campground-Day Use	Fugitive Dust	0.27	0.15	0.12	0.07	0.55	0.55
Site Prep - Campground-Day Use	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Site Prep - Contractor	Fugitive Dust	0.09	0.05	0.04	0.02	0.55	0.55
Site Prep - Contractor	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.01	0.16		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	150.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CalEEMod Outputs: Campground Operations Annual Average

Annual, Mitigation Report

Sisk Dam - New Campground/San Luis Day Camp Improvements Annual Average

Merced County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0
Mobile Home Park	79.00	Dwelling Unit	15.00	20,000.00	250

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	49
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO2 was adjusted based PG&E's reported intensity for 2017.

Land Use - Using mobile home park as surrogate for campground. Acreage and building size based on applicant input.

Construction Phase - Modeling operations only

Off-road Equipment - Default

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

On-road Fugitive Dust - Modeling operations only

Sisk Dam - New Campground/San Luis Day Camp Improvements Annual Average - Merced County, Annual

Grading - Modeling operations only

Architectural Coating - Modeling operations only

Vehicle Trips - Annual average trip generation based on 40% occupancy. Default trip lengths assumed since majority of trips would occur in close proximity to the reservoir and campground

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Road Dust - Default

Woodstoves - Estimating emissions from wood burning using "Piled Fuels Biomass and Emissions Calculator" outside of CalEEMod

Consumer Products - Default

Area Coating - Building and parking coatings

Landscape Equipment - Default

Energy Use - Adjusted based on input from State Parks (average annual). Propane modeled separately

Water And Wastewater - Adjusted based on input from State Parks (average annual). 100% septic assumed

Solid Waste - Default

Construction Off-road Equipment Mitigation - Water exposed area 2x per day and limit vehicle speeds on unpaved areas to 15 mph

Stationary Sources - Process Boilers -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	26,136.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	40,500.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	0	15000
tblAreaCoating	Area_Nonresidential_Interior	0	30000
tblAreaCoating	Area_Parking	26136	78408
tblAreaCoating	Area_Residential_Exterior	13500	0

Sisk Dam - New Campground/San Luis Day Camp Improvements Annual Average - Merced County, Annual

tblAreaCoating	Area_Residential_Interior	40500	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	55.00
tblEnergyUse	LightingElect	1,038.60	463.30
tblEnergyUse	NT24E	4,004.74	0.00
tblEnergyUse	NT24NG	3,723.00	0.00
tblEnergyUse	T24E	666.82	0.00
tblEnergyUse	T24NG	13,224.97	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	43.45	0.00
tblFireplaces	NumberNoFireplace	35.55	0.00
tblLandUse	LandUseSquareFeet	94,800.00	20,000.00
tblLandUse	LotAcreage	9.95	15.00
tblLandUse	Population	226.00	250.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	48.00	0.00
tblVehicleTrips	ST_TR	5.00	1.62
tblVehicleTrips	SU_TR	4.36	1.62
tblVehicleTrips	WD_TR	4.99	1.62
tblWater	AerobicPercent	87.46	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	5,147,168.02	1,488,000.00

tblWater	OutdoorWaterUseRate	3,244,953.75	0.00
tblWater	SepticTankPercent	10.33	100.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1668	6.7600e-003	0.5864	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9584	0.9584	9.2000e-004	0.0000	0.9814
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.4864	3.4864	4.8000e-004	1.0000e-004	3.5281
Mobile	0.0475	0.5362	0.5395	3.1700e-003	0.1889	1.8600e-003	0.1908	0.0509	1.7500e-003	0.0526	0.0000	295.7252	295.7252	0.0176	0.0000	296.1653
Stationary						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	7.3767	0.0000	7.3767	0.4360	0.0000	18.2754
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.7670	0.7670	0.3381	1.1700e-003	9.5663
Total	**0.2144**	**0.5429**	**1.1259**	**3.2000e-003**	**0.1889**	**5.1100e-003**	**0.1940**	**0.0509**	**5.0000e-003**	**0.0559**	**7.3767**	**300.9368**	**308.3135**	**0.7930**	**1.2700e-003**	**328.5165**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1668	6.7600e-003	0.5864	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9584	0.9584	9.2000e-004	0.0000	0.9814
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.4864	3.4864	4.8000e-004	1.0000e-004	3.5281
Mobile	0.0475	0.5362	0.5395	3.1700e-003	0.1889	1.8600e-003	0.1908	0.0509	1.7500e-003	0.0526	0.0000	295.7252	295.7252	0.0176	0.0000	296.1653
Stationary						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	7.3767	0.0000	7.3767	0.4360	0.0000	18.2754
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.7670	0.7670	0.3381	1.1700e-003	9.5663
Total	**0.2144**	**0.5429**	**1.1259**	**3.2000e-003**	**0.1889**	**5.1100e-003**	**0.1940**	**0.0509**	**5.0000e-003**	**0.0559**	**7.3767**	**300.9368**	**308.3135**	**0.7930**	**1.2700e-003**	**328.5165**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating - Campground-Day Use	Architectural Coating	6/1/2022	8/16/2022	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating - Campground-Day Use	Air Compressors	0	0.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating - Campground-Day Use	0	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Architectural Coating - Campground-Day Use - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0475	0.5362	0.5395	3.1700e-003	0.1889	1.8600e-003	0.1908	0.0509	1.7500e-003	0.0526	0.0000	295.7252	295.7252	0.0176	0.0000	296.1653
Unmitigated	0.0475	0.5362	0.5395	3.1700e-003	0.1889	1.8600e-003	0.1908	0.0509	1.7500e-003	0.0526	0.0000	295.7252	295.7252	0.0176	0.0000	296.1653

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Mobile Home Park	127.98	127.98	127.98	493,576	493,576
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	127.98	127.98	127.98	493,576	493,576

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Mobile Home Park	16.80	7.10	7.90	46.90	17.40	35.70	86	11	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Mobile Home Park	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
Other Asphalt Surfaces	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.4864	3.4864	4.8000e-004	1.0000e-004	3.5281
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.4864	3.4864	4.8000e-004	1.0000e-004	3.5281
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Mobile Home Park	36600.7	3.4864	4.8000e-004	1.0000e-004	3.5281
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**3.4864**	**4.8000e-004**	**1.0000e-004**	**3.5281**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Mobile Home Park	36600.7	3.4864	4.8000e-004	1.0000e-004	3.5281
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**3.4864**	**4.8000e-004**	**1.0000e-004**	**3.5281**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1668	6.7600e-003	0.5864	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9584	0.9584	9.2000e-004	0.0000	0.9814
Unmitigated	0.1668	6.7600e-003	0.5864	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9584	0.9584	9.2000e-004	0.0000	0.9814

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0429					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1063					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0176	6.7600e-003	0.5864	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9584	0.9584	9.2000e-004	0.0000	0.9814
Total	**0.1668**	**6.7600e-003**	**0.5864**	**3.0000e-005**		**3.2500e-003**	**3.2500e-003**		**3.2500e-003**	**3.2500e-003**	**0.0000**	**0.9584**	**0.9584**	**9.2000e-004**	**0.0000**	**0.9814**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0429					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1063					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0176	6.7600e-003	0.5864	3.0000e-005		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	0.9584	0.9584	9.2000e-004	0.0000	0.9814
Total	**0.1668**	**6.7600e-003**	**0.5864**	**3.0000e-005**		**3.2500e-003**	**3.2500e-003**		**3.2500e-003**	**3.2500e-003**	**0.0000**	**0.9584**	**0.9584**	**9.2000e-004**	**0.0000**	**0.9814**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.7670	0.3381	1.1700e-003	9.5663
Unmitigated	0.7670	0.3381	1.1700e-003	9.5663

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Mobile Home Park	1.488 / 0	0.7670	0.3381	1.1700e-003	9.5663
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.7670**	**0.3381**	**1.1700e-003**	**9.5663**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Mobile Home Park	1.488 / 0	0.7670	0.3381	1.1700e-003	9.5663
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.7670**	**0.3381**	**1.1700e-003**	**9.5663**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	7.3767	0.4360	0.0000	18.2754
Unmitigated	7.3767	0.4360	0.0000	18.2754

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Mobile Home Park	36.34	7.3767	0.4360	0.0000	18.2754
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**7.3767**	**0.4360**	**0.0000**	**18.2754**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Mobile Home Park	36.34	7.3767	0.4360	0.0000	18.2754
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**7.3767**	**0.4360**	**0.0000**	**18.2754**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	0	0	0	0	

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total						**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

11.0 Vegetation

Sisk Dam - New Campground/San Luis Day Camp Improvements Annual Average

Merced County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating - Campground-Day Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	0	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - Campground-Day Use	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Campground-Day Use	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.03	0.21		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	150.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CalEEMod Outputs: Campground Operations Peak Day

Summer, Winter, Mitigation Report

Sisk Dam - New Campground/San Luis Day Camp Improvements Peak Day

Merced County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0
Mobile Home Park	79.00	Dwelling Unit	15.00	20,000.00	250

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	49
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Sisk Dam - New Campground/San Luis Day Camp Improvements Peak Day - Merced County, Summer

Project Characteristics - Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO2 was adjusted based PG&E's reported intensity for 2017.

Land Use - Using mobile home park as surrogate for campground. Acreage and building size based on applicant input.

Construction Phase - Modeling operations only

Off-road Equipment - Default

Trips and VMT - Modeling operations only

On-road Fugitive Dust - Modeling operations only

Grading - Modeling operations only

Architectural Coating - Modeling operations only

Vehicle Trips - Peak day trip generation. Default trip lengths assumed since majority of trips would occur in close proximity to the reservoir and campground

Woodstoves - Estimating emissions from wood burning using "Piled Fuels Biomass and Emissions Calculator" outside of CalEEMod

Consumer Products - Default

Area Coating - Building and parking coatings

Landscape Equipment - Default

Energy Use - Adjusted based on input from State Parks (average annual). Propane modeled separately

Water And Wastewater - Adjusted based on input from State Parks (average annual). 100% septic assumed

Solid Waste - Default

Construction Off-road Equipment Mitigation - Water exposed area 2x per day and limit vehicle speeds on unpaved areas to 15 mph

Off-road Equipment - Modeling operations only

Road Dust - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Stationary Sources - Process Boilers -

Sisk Dam - New Campground/San Luis Day Camp Improvements Peak Day - Merced County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	26,136.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	40,500.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	0	15000
tblAreaCoating	Area_Nonresidential_Interior	0	30000
tblAreaCoating	Area_Parking	26136	78408
tblAreaCoating	Area_Residential_Exterior	13500	0
tblAreaCoating	Area_Residential_Interior	40500	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	55.00
tblEnergyUse	LightingElect	1,038.60	463.30
tblEnergyUse	NT24E	4,004.74	0.00
tblEnergyUse	NT24NG	3,723.00	0.00
tblEnergyUse	T24E	666.82	0.00
tblEnergyUse	T24NG	13,224.97	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	43.45	0.00
tblFireplaces	NumberNoFireplace	35.55	0.00
tblLandUse	LandUseSquareFeet	94,800.00	20,000.00
tblLandUse	LotAcreage	9.95	15.00
tblLandUse	Population	226.00	250.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

tblTripsAndVMT	WorkerTripNumber	48.00	0.00
tblVehicleTrips	ST_TR	5.00	4.00
tblVehicleTrips	SU_TR	4.36	4.00
tblVehicleTrips	WD_TR	4.99	4.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	5,147,168.02	1,488,000.00
tblWater	OutdoorWaterUseRate	3,244,953.75	0.00
tblWater	SepticTankPercent	10.33	100.00
tblWoodstoves	NumberCatalytic	15.00	0.00
tblWoodstoves	NumberNoncatalytic	15.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.7507	7.1773	8.1065	0.0451	2.6371	0.0252	2.6623	0.7085	0.0237	0.7321		4,631.6589	4,631.6589	0.2570		4,638.0825
Stationary						0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7640**	**7.2524**	**14.6224**	**0.0455**	**2.6371**	**0.0613**	**2.6984**	**0.7085**	**0.0598**	**0.7683**	**0.0000**	**4,643.3967**	**4,643.3967**	**0.2682**	**0.0000**	**4,650.1020**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.7507	7.1773	8.1065	0.0451	2.6371	0.0252	2.6623	0.7085	0.0237	0.7321		4,631.6589	4,631.6589	0.2570		4,638.0825
Stationary						0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7640**	**7.2524**	**14.6224**	**0.0455**	**2.6371**	**0.0613**	**2.6984**	**0.7085**	**0.0598**	**0.7683**	**0.0000**	**4,643.3967**	**4,643.3967**	**0.2682**	**0.0000**	**4,650.1020**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating - Campground-Day Use	Architectural Coating	6/1/2022	8/16/2022	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating - Campground-Day Use	Air Compressors	0	0.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating - Campground-Day Use	0	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Architectural Coating - Campground-Day Use - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7507	7.1773	8.1065	0.0451	2.6371	0.0252	2.6623	0.7085	0.0237	0.7321		4,631.6589	4,631.6589	0.2570		4,638.0825
Unmitigated	0.7507	7.1773	8.1065	0.0451	2.6371	0.0252	2.6623	0.7085	0.0237	0.7321		4,631.6589	4,631.6589	0.2570		4,638.0825

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Mobile Home Park	316.00	316.00	316.00	1,218,705	1,218,705
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	316.00	316.00	316.00	1,218,705	1,218,705

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Mobile Home Park	16.80	7.10	7.90	46.90	17.40	35.70	86	11	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Mobile Home Park	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
Other Asphalt Surfaces	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195
Unmitigated	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5823					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1960	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7378	11.7378	0.0113		12.0195
Total	**1.0133**	**0.0751**	**6.5159**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7378**	**11.7378**	**0.0113**	**0.0000**	**12.0195**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5823					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1960	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7378	11.7378	0.0113		12.0195
Total	**1.0133**	**0.0751**	**6.5159**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7378**	**11.7378**	**0.0113**	**0.0000**	**12.0195**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	0	0	0	0	

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
						0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total						**0.0000**	**0.0000**		**0.0000**	**0.0000**			**0.0000**			**0.0000**

11.0 Vegetation

Sisk Dam - New Campground/San Luis Day Camp Improvements Peak Day

Merced County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0
Mobile Home Park	79.00	Dwelling Unit	15.00	20,000.00	250

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	49
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Sisk Dam - New Campground/San Luis Day Camp Improvements Peak Day - Merced County, Winter

Project Characteristics - Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO2 was adjusted based PG&E's reported intensity for 2017.

Land Use - Using mobile home park as surrogate for campground. Acreage and building size based on applicant input.

Construction Phase - Modeling operations only

Off-road Equipment - Default

Trips and VMT - Modeling operations only

On-road Fugitive Dust - Modeling operations only

Grading - Modeling operations only

Architectural Coating - Modeling operations only

Vehicle Trips - Peak day trip generation. Default trip lengths assumed since majority of trips would occur in close proximity to the reservoir and campground

Woodstoves - Estimating emissions from wood burning using "Piled Fuels Biomass and Emissions Calculator" outside of CalEEMod

Consumer Products - Default

Area Coating - Building and parking coatings

Landscape Equipment - Default

Energy Use - Adjusted based on input from State Parks (average annual). Propane modeled separately

Water And Wastewater - Adjusted based on input from State Parks (average annual). 100% septic assumed

Solid Waste - Default

Construction Off-road Equipment Mitigation - Water exposed area 2x per day and limit vehicle speeds on unpaved areas to 15 mph

Off-road Equipment - Modeling operations only

Road Dust - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Stationary Sources - Process Boilers -

Sisk Dam - New Campground/San Luis Day Camp Improvements Peak Day - Merced County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	26,136.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	40,500.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	0	15000
tblAreaCoating	Area_Nonresidential_Interior	0	30000
tblAreaCoating	Area_Parking	26136	78408
tblAreaCoating	Area_Residential_Exterior	13500	0
tblAreaCoating	Area_Residential_Interior	40500	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	55.00
tblEnergyUse	LightingElect	1,038.60	463.30
tblEnergyUse	NT24E	4,004.74	0.00
tblEnergyUse	NT24NG	3,723.00	0.00
tblEnergyUse	T24E	666.82	0.00
tblEnergyUse	T24NG	13,224.97	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	43.45	0.00
tblFireplaces	NumberNoFireplace	35.55	0.00
tblLandUse	LandUseSquareFeet	94,800.00	20,000.00
tblLandUse	LotAcreage	9.95	15.00
tblLandUse	Population	226.00	250.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

tblTripsAndVMT	WorkerTripNumber	48.00	0.00
tblVehicleTrips	ST_TR	5.00	4.00
tblVehicleTrips	SU_TR	4.36	4.00
tblVehicleTrips	WD_TR	4.99	4.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	5,147,168.02	1,488,000.00
tblWater	OutdoorWaterUseRate	3,244,953.75	0.00
tblWater	SepticTankPercent	10.33	100.00
tblWoodstoves	NumberCatalytic	15.00	0.00
tblWoodstoves	NumberNoncatalytic	15.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.6207	7.3088	7.4010	0.0420	2.6371	0.0254	2.6624	0.7085	0.0238	0.7323		4,316.3495	4,316.3495	0.2775		4,323.2873
Stationary						0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6340**	**7.3839**	**13.9169**	**0.0423**	**2.6371**	**0.0615**	**2.6985**	**0.7085**	**0.0599**	**0.7684**	**0.0000**	**4,328.0873**	**4,328.0873**	**0.2888**	**0.0000**	**4,335.3067**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.6207	7.3088	7.4010	0.0420	2.6371	0.0254	2.6624	0.7085	0.0238	0.7323		4,316.3495	4,316.3495	0.2775		4,323.2873
Stationary						0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6340**	**7.3839**	**13.9169**	**0.0423**	**2.6371**	**0.0615**	**2.6985**	**0.7085**	**0.0599**	**0.7684**	**0.0000**	**4,328.0873**	**4,328.0873**	**0.2888**	**0.0000**	**4,335.3067**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating - Campground-Day Use	Architectural Coating	6/1/2022	8/16/2022	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating - Campground-Day Use	Air Compressors	0	0.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating - Campground-Day Use	0	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating - Campground-Day Use - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Architectural Coating - Campground-Day Use - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6207	7.3088	7.4010	0.0420	2.6371	0.0254	2.6624	0.7085	0.0238	0.7323		4,316.3495	4,316.3495	0.2775		4,323.2873
Unmitigated	0.6207	7.3088	7.4010	0.0420	2.6371	0.0254	2.6624	0.7085	0.0238	0.7323		4,316.3495	4,316.3495	0.2775		4,323.2873

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Mobile Home Park	316.00	316.00	316.00	1,218,705	1,218,705
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	316.00	316.00	316.00	1,218,705	1,218,705

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Mobile Home Park	16.80	7.10	7.90	46.90	17.40	35.70	86	11	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Mobile Home Park	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559
Other Asphalt Surfaces	0.510644	0.028911	0.156693	0.100614	0.015429	0.004164	0.015358	0.155771	0.002390	0.001975	0.005996	0.001496	0.000559

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Mobile Home Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195
Unmitigated	1.0133	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	11.7378	11.7378	0.0113	0.0000	12.0195

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5823					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1960	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7378	11.7378	0.0113		12.0195
Total	**1.0133**	**0.0751**	**6.5159**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7378**	**11.7378**	**0.0113**	**0.0000**	**12.0195**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5823					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1960	0.0751	6.5159	3.4000e-004		0.0361	0.0361		0.0361	0.0361		11.7378	11.7378	0.0113		12.0195
Total	**1.0133**	**0.0751**	**6.5159**	**3.4000e-004**		**0.0361**	**0.0361**		**0.0361**	**0.0361**	**0.0000**	**11.7378**	**11.7378**	**0.0113**	**0.0000**	**12.0195**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	0	0	0	0	

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
						0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total						**0.0000**	**0.0000**		**0.0000**	**0.0000**			**0.0000**			**0.0000**

11.0 Vegetation

Sisk Dam - New Campground/San Luis Day Camp Improvements Peak Day

Merced County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating - Campground-Day Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	0	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - Campground-Day Use	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Campground-Day Use	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.03	0.21		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	150.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Campfire Emissions

Annual Average, Peak Day



Piled Fuels Biomass and Emissions Calculator

Last updated: 3/26/2014

1. DATA ENTRY MODE: **MANUAL (USE ONLINE FORM)** [Start over/change measurement system/use batch mode] [Help]

2. MEASUREMENT SYSTEM: **ENGLISH**

Pile Group Data: (Click on Group No./Name to edit given group) [Export inputs to text]

Group No.	Group Name	No. Piles	Pile Type	Pile Shape	Pile Dimensions	Soil %	Packing Ratio	Pile Composition	Pile Quality	Consumption	
1	PileGroup1	8395	Hand	Half sphere	H1: 0.72	N/A	N/A	Shrub/Hardwood	N/A	100%	[Remove]

Add more piles | Start over (clear all piles)

Pile Group Results: [Print-friendly report] [Export results to text]

Pile Group No.	Pile Group Name	Gross Volume (cubic ft)	Adjusted* Volume (cubic ft)	Pile Biomass (tons)	Consumed Fuel (tons)	Emissions by pollutant (tons)						
						PM	PM_{10}	$PM_{2.5}$	CO	CO_2	CH_4	NMHC
1	PileGroup1	6,562.61	8,101.17	1.7126	1.7126	0.0188	0.0133	0.0116	0.0651	2.8492	0.0048	0.0039
TOTAL		**6,562.61**	**8,101.17**	**1.7126**	**1.7126**	**0.0188**	**0.0133**	**0.0116**	**0.0651**	**2.8492**	**0.0048**	**0.0039**

**Adjusted volume for hand piles is corrected to account for the difference between the gross volume of a geometric shape and the actual volume of the pile.*
Machine pile adjusted volume of solid wood is determined by subtracting the amount that is soil from the gross volume and applying the appropriate packing ratio.

Fire and Environmental Research Applications Team
Pacific Wildland Fire Sciences Laboratory
USDA Forest Service Pacific Northwest Research Station
400 N 34th Street, Suite 201, Seattle, WA 98103 (206) 732-7800
Contact: P.C. Eagle

We acknowledge funding from the Joint Fire Science Program under Projects JFSP 07-2-1-57 and JFSP 10-S-02-2.



Piled Fuels Biomass and Emissions Calculator

Last updated: 3/26/2014

1. DATA ENTRY MODE: **MANUAL (USE ONLINE FORM)** [Start over/change measurement system/use batch mode] [Help]

2. MEASUREMENT SYSTEM: **ENGLISH**

Pile Group Data: (Click on Group No./Name to edit given group) [Export inputs to text]

Group No.	Group Name	No. Piles	Pile Type	Pile Shape	Pile Dimensions	Soil %	Packing Ratio	Pile Composition	Pile Quality	Consumption	
1	PileGroup1	55	Hand	Half sphere	H1: 0.72	N/A	N/A	Shrub/Hardwood	N/A	100%	[Remove]

Add more piles | Start over (clear all piles)

Pile Group Results: [Print-friendly report] [Export results to text]

Pile Group No.	Pile Group Name	Gross Volume (cubic ft)	Adjusted* Volume (cubic ft)	Pile Biomass (tons)	Consumed Fuel (tons)	Emissions by pollutant (tons)						
						PM	PM_{10}	$PM_{2.5}$	CO	CO_2	CH_4	NMHC
1	PileGroup1	43.00	53.07	0.0112	0.0112	0.0001	0.0001	0.0001	0.0004	0.0187	0.0000	0.0000
TOTAL		**43.00**	**53.07**	**0.0112**	**0.0112**	**0.0001**	**0.0001**	**0.0001**	**0.0004**	**0.0187**	**0.0000**	**0.0000**

**Adjusted volume for hand piles is corrected to account for the difference between the gross volume of a geometric shape and the actual volume of the pile.*
Machine pile adjusted volume of solid wood is determined by subtracting the amount that is soil from the gross volume and applying the appropriate packing ratio.

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Propane Combustion Calculator

Sisk Dam SEIR - Propane Combusion Calculator

Emission Calculation Assumptions:

Propane	1,300	gallons per year to heat water for shower

Emission Factors:

Pollutant	Emission Factor lb/10^3 gallon	Reference
VOC	0.50	1
Nox	13.00	2
CO	7.50	2
SOx	0.10	1
PM_{10}	0.20	2
$PM_{2.5}$	0.20	2
CO_2	12,500	2
CH_4	0.20	2

References:

1. Emission factor from Haneke n.d.
2. Emission factors from AP-42, Section 1.5, Table 1.5-1.

Emissions Calculations:

	Units	VOC	NOx	CO	SOx	PM_{10}	$PM_{2.5}$	CO_2	CH_4	CO_2e
Emission Factor	lb/10^3 gallon	0.50	13.00	7.50	0.10	0.20	0.20	12500.00	0.20	--
Estimated Emissions	Pounds/day	0.0018	0.0463	0.0267	0.0004	0.0007	0.0007	44.5205	0.0007	--
	Pounds/year	0.65	16.90	9.75	0.13	0.26	0.26	16,250.00	0.26	--
	Tons/year	0.0003	0.0085	0.0049	0.0001	0.0001	0.0001			
	Metric tons/year							7.37	0.00	7.37

Notes:	
VOC	volatile organic compound
NOx	oxides of nitrogen
CO	carbon monoxide
SOx	sulfur oxides
PM_{10}	particulate matter with an aerodynamic diameter equal to or less than 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter equal to or less than 2.5 microns
CO_2	carbon dioxide
CH_4	million British Thermal Units
CO_2e	methane
	carbon dioxide equivalent

Approved Project – Adjusted Haul Truck Trip Length

Sisk Dam SEIR - Adjusted Approved Project Haul Truck Trip Lengths

Approved Project (Crest Raise Alternative - Shear Key Option):

Table C-24

Unmitigated Daily Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per day					
Onsite Construction Equipment	54.2	561.4	474.4	1.1	23.8	20.7
Construction Worker Commuting	0.2	1.0	10.1	0.0	2.0	0.6
Haul Truck Trips	0.9	34.2	3.6	0.1	1.8	0.7
Fugitive Dust:	--	--	--	--	48.9	16.6
Total	**55.3**	**596.7**	**488.1**	**1.2**	**76.6**	**38.6**

Approved Project (Crest Raise Alternative - Shear Key Option) - Adjusted Haul Truck VMT:

Table C-24 Adjusted

Unmitigated Daily Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per day					
Onsite Construction Equipment	54.2	561.4	474.4	1.1	23.8	20.7
Construction Worker Commuting	0.2	1.0	10.1	0.0	2.0	0.6
Haul Truck Trips	0.2	8.0	0.8	0.0	0.4	0.2
Fugitive Dust:	--	--	--	--	48.9	16.6
Total	**54.6**	**570.4**	**485.3**	**1.1**	**75.1**	**38.1**

1. Assumes 15% of total trips would require 40 mile one-way travel, with remainder of trips occurring on-site for material transfer from borrow areas, with 4 mile one-way trips assumed

Table C-25

Unmitigated Annual Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Tons per year					
Onsite Construction Equipment	8.3	85.1	65.2	0.2	3.5	3.1
Construction Worker Commuting	0.0	0.2	1.8	0.0	0.4	0.1
Haul Truck Trips	0.2	6.2	0.7	0.0	0.3	0.1
Fugitive Dust:	--	--	--	--	9.0	3.0
Total	**8.5**	**91.6**	**67.7**	**0.2**	**13.2**	**6.4**

Table C-25 Adjusted

Unmitigated Annual Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Tons per year					
Onsite Construction Equipment	8.3	85.1	65.2	0.2	3.5	3.1
Construction Worker Commuting	0.0	0.2	1.8	0.0	0.4	0.1
Haul Truck Trips	0.0	1.5	0.2	0.0	0.1	0.0
Fugitive Dust:	--	--	--	--	9.0	3.0
Total	**8.3**	**86.8**	**67.2**	**0.2**	**13.0**	**6.2**

1. Assumes 15% of total trips would require 40 mile one-way travel, with remainder of trips occurring on-site for material transfer from borrow areas, with 4 mile one-way trips assumed

Table C-41

Mitigated Daily Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per day					
Onsite Construction Equipment	17.9	55.2	315.0	1.1	4.8	3.3
Construction Worker Commuting	0.2	1.0	10.1	0.0	2.0	0.6
Haul Truck Trips	0.4	6.3	2.6	0.1	1.7	0.5
Fugitive Dust:	--	--	--	--	26.3	6.8
Total	**18.5**	**62.5**	**327.7**	**1.2**	**34.8**	**11.3**

Table C-41 Adjusted

Mitigated Daily Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per day					
Onsite Construction Equipment	17.9	55.2	315.0	1.1	4.8	3.3
Construction Worker Commuting	0.2	1.0	10.1	0.0	2.0	0.6
Haul Truck Trips	0.1	1.5	0.6	0.0	0.4	0.1
Fugitive Dust:	--	--	--	--	26.3	6.8
Total	**18.2**	**57.7**	**325.7**	**1.1**	**33.5**	**10.8**

1. Assumes 15% of total trips would require 40 mile one-way travel, with remainder of trips occurring on-site for material transfer from borrow areas, with 4 mile one-way trips assumed

Table C-42

Mitigated Annual Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Tons per year					
Onsite Construction Equipment	2.7	8.2	40.9	0.2	0.6	0.4
Construction Worker Commuting	0.0	0.2	1.8	0.0	0.4	0.1
Haul Truck Trips	0.1	1.1	0.5	0.0	0.3	0.1
Fugitive Dust:	--	--	--	--	4.8	1.3
Total	**2.8**	**9.5**	**43.2**	**0.2**	**6.1**	**1.9**

Table C-42 Adjusted

Mitigated Annual Emissions Summary

Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Tons per year					
Onsite Construction Equipment	2.7	8.2	40.9	0.2	0.6	0.4
Construction Worker Commuting	0.0	0.2	1.8	0.0	0.4	0.1
Haul Truck Trips	0.0	0.3	0.1	0.0	0.1	0.0
Fugitive Dust:	--	--	--	--	4.8	1.3
Total	**2.7**	**8.7**	**42.8**	**0.2**	**5.9**	**1.8**

1. Assumes 15% of total trips would require 40 mile one-way travel, with remainder of trips occurring on-site for material transfer from borrow areas, with 4 mile one-way trips assumed

Table D-11

Unmitigated Annual Construction GHG Emissions

Source	CO_2	CH_4	N_2O	CO_2e
	metric tons per year			
Onsite Construction Equipment	11,575.90	0.57	0.06	11,609.30
Construction Worker Commuting	685.60	0.41	0.05	709.20
Haul Truck Trips	2,236.90	0.01	0.01	2,239.10
Total Annual Average GHG Emissions	**14,498.40**	**0.99**	**0.12**	**14,557.60**
Total Approved Project Construction GHG Emissions				**145,576.00**

Table D-11 Adjusted

Unmitigated Annual Construction GHG Emissions

Source	CO_2	CH_4	N_2O	CO_2e
	metric tons per year			
Onsite Construction Equipment	11,575.90	0.57	0.06	11,609.30
Construction Worker Commuting	685.60	0.41	0.05	709.20
Haul Truck Trips	525.67	0.00	0.00	526.19
Total Annual Average GHG Emissions	**12,787.17**	**0.98**	**0.11**	**12,844.69**
Total Approved Project Construction GHG Emissions				**128,446.89**

1. Assumes 15% of total trips would require 40 mile one-way travel, with remainder of trips occurring on-site for material transfer from borrow areas, with 4 mile one-way trips assumed

Appendix B2

Ambient Air Quality Assessment

Ambient Air Quality Analysis - Sisk Dam Modified Project - Mitigated Scenario

Table 1. Max Emission Rates (lbs/day) for Project On-Site Activities						
Max Rates	**ROG**	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Offroad Equipment	11.39	35.98	210.37	0.70	2.95	2.05
Fugitive Dust	0.00	0.00	0.00	0.00	14.21	6.55
Total OnSite, lbs/day	11.39	35.98	210.37	0.70	17.15	8.59
Daily Max, g/s	0.06	0.19	1.10	0.00	0.09	0.05
Hourly Max lbs/hr	0.47	1.50	8.77	0.03	0.71	0.36

Note: Emissions are based on Table 3.2-10 in the SEIR with several adjustments to account for localized effects at the dam. Specifically, it was assumed that approximately 2/3rds of daily on-site emissions would occur at the dam, with the remainder at borrow sites. It was also assumed that all material crushing would occur at the borrow sites.
An "Area Source" of approximately 100 acres was used in AERMOD to represent potential daily construction activity at the dam.

Table 2. AERMOD Maximum Impact X/Q, $(ug/m^3)/(g/s)$				
Max 1-Hour	**Max 3-Hour**	**Max 8-Hour**	**Max 24-Hour**	**Max Annual**
197.23	104.90	94.10	29.84	4.18

Note: These concentrations are based on the AERMOD Results Summary Report

Table 3. Project Contribution Concentrations (ug/m3)

Pollutant	CAS No.	Hr. Max (g/s) (from Table 1)	X/Q (ug/m3)/(g/s) (from Table 2)	NO_X to NO_2 Conversion	Project Concentration (ug/m3)
1-hour CO	630080	1.10	197.23	—	217.83
8-hour CO	630080	1.10	94.10	—	103.93
1-hour NO_2	10102440	0.19	197.23	80%	29.80
Annual NO_2	10102440	0.19	4.18	100%	0.79
24-hour PM_{10}	85101	0.09	29.84	—	2.69
Annual PM_{10}	85101	0.09	4.18	—	0.38
24-hour $PM_{2.5}$	88101	0.05	29.84	—	1.35
Annual $PM_{2.5}$	88101	0.05	4.18	—	0.19
1-hour SO_2	7449095	0.00	197.23	—	0.73
24-hour SO_2	7449095	0.00	29.84	—	0.11
Annual SO_2	7449095	0.00	4.18	—	0.02

Sources:

EPA (U.S. Environmental Protection Agency). 2016. *AERSCREEN User's Guide.* EPA-454/B-16-004. December 2016.

Table 4. Level 1 AAQA for South Solar Project									
Impact Parameter	**Applicable Standard**	**Project Area Maximum Background Concentration (Years 2014-2016)**		**Project Contribution (ug/m3)**	**Cumulative Concentration (ug/m3)**	**AAQS Threshold (ug/m3)**	**Step 1 Significance**	**SIL (ug/m3)**	**Step 2 Significance**
		ppmv	**ug/m^3**						
1-hour CO	State	1.8	2,062	217.83	2,280	22,900	PASS	2,000	Step 1
	Federal	1.8	2,062	217.83	2,280	40,100	PASS	2,000	Step 1
8-hour CO	State	1.3	1,489	103.93	1,593	10,300	PASS	500	Step 1
	Federal	1.3	1,489	103.93	1,593	10,300	PASS	500	Step 1
1-hour NO_2	State	0.059	111	29.80	141	339	PASS	7.5	Step 1
	Federal	0.059	111	29.80	141	188	PASS	7.5	Step 1
Annual NO_2	State	0.008	15	0.79	16	57	PASS	1	Step 1
	Federal	0.009	17	0.79	18	100	PASS	1	Step 1
1-hour SO_2	State	0.009	23	0.73	24	655	PASS	7.8	Step 1
	Federal	0.009	23	0.73	24	196	PASS	7.8	Step 1
24-Hour SO_2	State	0.002	6	0.11	6	105	PASS	5	Step 1
	Federal	0.002	6	0.11	6	367	PASS	5	Step 1
Annual SO_2	Federal	0.000	1	0.02	1	79	PASS	1	Step 1
24-hour PM_{10}	State	--	98	2.69	101	50	Step 2	5	PASS
	Federal	--	96	2.69	99	150	PASS	5	PASS
Annual PM_{10}	State	--	31	0.38	31	20	Step 2	1	PASS
24-hour $PM_{2.5}$	Federal	--	41	1.35	42	35	Step 2	5	PASS
Annual $PM_{2.5}$	State	--	11	0.19	11	12	Pass	1	Step 1
	Federal*	--	11	0.19	11	12	Pass	1	Step 1

Sources:

CARB (California Air Resources Board). 2016. “Ambient Air Quality Standards.” May 4, 2016. https://ww2.arb.ca.gov/sites/default/files/2020-07/aaqs2.pdf

CARB. 2020. “iADAM: Air Quality Data Statistics.”Available at http://www.arb.ca.gov/adam.

EPA. 2020. "AirData". Available at http://www.epa.gov/airdata

SJVAPCD (San Joaquin Valley Air Pollution Control District). 2014. APR 1925 (Policy for District Rule 2201 AAQA Modeling). April 2014.

Results Summary

C:\Lakes\AERMOD View\Sisk Dam AAQA
Ambient Air Quality Analysis

ALL - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	197.22915	ug/m^3	672065.11	4101960.25	113.53	0.00	168.45	1/27/2007, 17
3-HR	1ST	104.89527	ug/m^3	671908.77	4101885.34	148.31	0.00	168.45	2/18/2005, 3
8-HR	1ST	94.10401	ug/m^3	671953.44	4101906.74	140.92	0.00	168.45	2/22/2004, 8
24-HR	1ST	29.84419	ug/m^3	671953.44	4101906.74	140.92	0.00	168.45	2/22/2004, 24
PERIOD		4.18075	ug/m^3	671931.75	4102782.37	89.49	0.00	169.31	

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 4/1/2021
** File: C:\Lakes\AERMOD View\Sisk AAQA\Sisk AAQA.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Sisk AAQA
  TITLETWO Ambient Air Quality Analysis
  MODELOPT DFAULT CONC
  AVERTIME 1 3 8 24 PERIOD
  POLLUTID ALL
  RUNORNOT RUN
  ERRORFIL "Sisk AAQA.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY   670936.230  4103723.647     140.810
** DESCRSRC Stability Berm and Embankment
** Source Parameters **
  SRCPARAM PAREA1      2.3711E-06     5.000        5     1.400
  AREAVERT PAREA1      670936.230 4103723.647 671137.929 4103798.790
  AREAVERT PAREA1      671944.726 4102145.647 671727.208 4102050.730
  AREAVERT PAREA1      670924.365 4103735.512
  SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
  INCLUDED "Sisk AAQA.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
  SURFFILE "Met Data\LosBanos_2004-2008.SFC"
  PROFFILE "Met Data\LosBanos_2004-2008.PFL"
  SURFDATA 99004 2004
  UAIRDATA 66666 2004
  PROFBASE 42.0 METERS
```

```
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  RECTABLE 3 1ST
  RECTABLE 8 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "SISK AAQA.AD\01H1GALL.PLT" 31
  PLOTFILE 3 ALL 1ST "SISK AAQA.AD\03H1GALL.PLT" 32
  PLOTFILE 8 ALL 1ST "SISK AAQA.AD\08H1GALL.PLT" 33
  PLOTFILE 24 ALL 1ST "SISK AAQA.AD\24H1GALL.PLT" 34
  PLOTFILE PERIOD ALL "SISK AAQA.AD\PE00GALL.PLT" 35
  SUMMFILE "Sisk AAQA.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     66      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:
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: ALL

**Model Calculates 4 Short Term Average(s) of: 1-HR 3-HR 8-HR 24-HR
and Calculates PERIOD Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 5085 Receptor(s)

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

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

**The AERMET Input Meteorological Data Version Date: 18081

**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) = 42.00 ; 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: Sisk AAQA.err
**File for Summary of Results: Sisk AAQA.sum

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PAREA1	0	0.23711E-05	670936.2	4103723.6	140.8	5.00	5	1.40	NO	

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 ,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671585.0, 4101758.1,	166.7,	166.7,	0.0);	(671574.4, 4101780.6,	166.7,	166.7,	0.0);
(671563.8, 4101803.1,	166.7,	166.7,	0.0);	(671553.2, 4101825.6,	166.7,	166.7,	0.0);
(671542.5, 4101848.1,	166.7,	166.7,	0.0);	(671531.9, 4101870.6,	166.7,	166.7,	0.0);
(671521.3, 4101893.1,	166.7,	166.7,	0.0);	(671510.7, 4101915.6,	166.7,	166.7,	0.0);
(671500.1, 4101938.1,	166.7,	166.7,	0.0);	(671489.4, 4101960.6,	166.7,	166.7,	0.0);
(671478.8, 4101983.1,	166.7,	166.7,	0.0);	(671468.2, 4102005.7,	166.7,	166.7,	0.0);
(671457.6, 4102028.2,	166.7,	166.7,	0.0);	(671447.0, 4102050.7,	166.7,	166.7,	0.0);
(671436.3, 4102073.2,	166.7,	166.7,	0.0);	(671425.7, 4102095.7,	166.7,	166.7,	0.0);
(671415.1, 4102118.2,	166.7,	166.7,	0.0);	(671404.5, 4102140.7,	166.7,	166.7,	0.0);
(671393.9, 4102163.2,	166.7,	166.7,	0.0);	(671383.2, 4102185.7,	166.7,	166.7,	0.0);
(671372.6, 4102208.2,	166.7,	166.7,	0.0);	(671362.0, 4102230.7,	166.7,	166.7,	0.0);
(671351.4, 4102253.2,	166.7,	166.7,	0.0);	(671340.8, 4102275.7,	166.7,	166.7,	0.0);
(671330.1, 4102298.2,	166.7,	166.7,	0.0);	(671319.5, 4102320.7,	166.7,	166.7,	0.0);
(671308.9, 4102343.2,	166.7,	166.7,	0.0);	(671298.3, 4102365.8,	166.7,	166.7,	0.0);
(671287.7, 4102388.2,	166.7,	166.7,	0.0);	(671277.0, 4102410.8,	166.7,	166.7,	0.0);
(671266.4, 4102433.3,	166.7,	166.7,	0.0);	(671255.8, 4102455.8,	166.7,	166.7,	0.0);
(671245.2, 4102478.3,	166.7,	166.7,	0.0);	(671234.5, 4102500.8,	166.7,	166.7,	0.0);
(671223.9, 4102523.3,	166.7,	166.7,	0.0);	(671213.3, 4102545.8,	166.7,	166.7,	0.0);
(671202.7, 4102568.3,	166.7,	166.7,	0.0);	(671192.1, 4102590.8,	166.7,	166.7,	0.0);
(671181.4, 4102613.3,	166.7,	166.7,	0.0);	(671170.8, 4102635.8,	166.7,	166.7,	0.0);
(671160.2, 4102658.3,	166.7,	166.7,	0.0);	(671149.6, 4102680.8,	166.7,	166.7,	0.0);
(671139.0, 4102703.3,	166.7,	166.7,	0.0);	(671128.3, 4102725.8,	166.7,	166.7,	0.0);
(671117.7, 4102748.3,	166.7,	166.7,	0.0);	(671107.1, 4102770.8,	166.7,	166.7,	0.0);
(671096.5, 4102793.3,	166.7,	166.7,	0.0);	(671085.9, 4102815.9,	166.7,	166.7,	0.0);
(671075.2, 4102838.4,	166.7,	166.7,	0.0);	(671064.6, 4102860.9,	166.7,	166.7,	0.0);
(671054.0, 4102883.4,	166.7,	166.7,	0.0);	(671043.4, 4102905.9,	166.7,	166.7,	0.0);
(671032.8, 4102928.4,	166.7,	166.7,	0.0);	(671022.1, 4102950.9,	166.7,	166.7,	0.0);
(671011.5, 4102973.4,	166.7,	166.7,	0.0);	(671000.9, 4102995.9,	166.7,	166.7,	0.0);
(670990.3, 4103018.4,	166.7,	166.7,	0.0);	(670979.7, 4103040.9,	166.7,	166.7,	0.0);
(670969.0, 4103063.4,	166.7,	166.7,	0.0);	(670958.4, 4103085.9,	166.7,	166.7,	0.0);
(670947.8, 4103108.4,	166.7,	166.7,	0.0);	(670937.2, 4103130.9,	166.7,	166.7,	0.0);
(670926.6, 4103153.4,	166.7,	166.7,	0.0);	(670915.9, 4103175.9,	166.7,	166.7,	0.0);
(670905.3, 4103198.4,	166.7,	166.7,	0.0);	(670894.7, 4103220.9,	166.7,	166.7,	0.0);
(670884.1, 4103243.5,	166.7,	166.7,	0.0);	(670873.4, 4103266.0,	166.7,	166.7,	0.0);
(670862.8, 4103288.5,	166.7,	166.7,	0.0);	(670852.2, 4103311.0,	166.7,	166.7,	0.0);
(670841.6, 4103333.5,	166.7,	166.7,	0.0);	(670831.0, 4103356.0,	166.7,	166.7,	0.0);
(670820.3, 4103378.5,	166.7,	166.7,	0.0);	(670809.7, 4103401.0,	166.7,	166.7,	0.0);
(670799.1, 4103423.5,	166.7,	166.7,	0.0);	(670788.5, 4103446.0,	166.7,	166.7,	0.0);
(670777.9, 4103468.5,	166.7,	166.7,	0.0);	(670767.2, 4103491.0,	166.7,	166.7,	0.0);
(670756.6, 4103513.5,	166.7,	166.7,	0.0);	(670746.0, 4103536.0,	166.7,	166.7,	0.0);
(670735.4, 4103558.5,	166.7,	166.7,	0.0);	(670724.8, 4103581.0,	166.7,	166.7,	0.0);
(670714.1, 4103603.5,	166.7,	166.7,	0.0);	(670703.5, 4103626.0,	166.7,	166.7,	0.0);
(670692.9, 4103648.6,	166.7,	166.7,	0.0);	(670682.3, 4103671.1,	166.7,	166.7,	0.0);
(670671.7, 4103693.6,	166.7,	166.7,	0.0);	(670661.0, 4103716.1,	166.7,	166.7,	0.0);
(670650.4, 4103738.6,	166.7,	166.7,	0.0);	(670639.8, 4103761.1,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670629.2, 4103783.6,	166.7,	166.7,	0.0);	(670618.6, 4103806.1,	166.7,	166.7,	0.0);
(670607.9, 4103828.6,	166.7,	166.7,	0.0);	(671576.7, 4101734.5,	166.7,	166.7,	0.0);
(671610.1, 4101722.7,	166.7,	166.7,	0.0);	(671551.8, 4101769.9,	166.7,	166.7,	0.0);
(671541.2, 4101792.4,	166.7,	166.7,	0.0);	(671530.6, 4101814.9,	166.7,	166.7,	0.0);
(671519.9, 4101837.4,	166.7,	166.7,	0.0);	(671509.3, 4101860.0,	166.7,	166.7,	0.0);
(671498.7, 4101882.5,	166.7,	166.7,	0.0);	(671488.1, 4101905.0,	166.7,	166.7,	0.0);
(671477.5, 4101927.5,	166.7,	166.7,	0.0);	(671466.8, 4101950.0,	166.7,	166.7,	0.0);
(671456.2, 4101972.5,	166.7,	166.7,	0.0);	(671445.6, 4101995.0,	166.7,	166.7,	0.0);
(671435.0, 4102017.5,	166.7,	166.7,	0.0);	(671424.4, 4102040.0,	166.7,	166.7,	0.0);
(671413.7, 4102062.5,	166.7,	166.7,	0.0);	(671403.1, 4102085.0,	166.7,	166.7,	0.0);
(671392.5, 4102107.5,	166.7,	166.7,	0.0);	(671381.9, 4102130.0,	166.7,	166.7,	0.0);
(671371.2, 4102152.5,	166.7,	166.7,	0.0);	(671360.6, 4102175.0,	166.7,	166.7,	0.0);
(671350.0, 4102197.5,	166.7,	166.7,	0.0);	(671339.4, 4102220.0,	166.7,	166.7,	0.0);
(671328.8, 4102242.5,	166.7,	166.7,	0.0);	(671318.1, 4102265.1,	166.7,	166.7,	0.0);
(671307.5, 4102287.6,	166.7,	166.7,	0.0);	(671296.9, 4102310.1,	166.7,	166.7,	0.0);
(671286.3, 4102332.6,	166.7,	166.7,	0.0);	(671275.7, 4102355.1,	166.7,	166.7,	0.0);
(671265.0, 4102377.6,	166.7,	166.7,	0.0);	(671254.4, 4102400.1,	166.7,	166.7,	0.0);
(671243.8, 4102422.6,	166.7,	166.7,	0.0);	(671233.2, 4102445.1,	166.7,	166.7,	0.0);
(671222.6, 4102467.6,	166.7,	166.7,	0.0);	(671211.9, 4102490.1,	166.7,	166.7,	0.0);
(671201.3, 4102512.6,	166.7,	166.7,	0.0);	(671190.7, 4102535.1,	166.7,	166.7,	0.0);
(671180.1, 4102557.6,	166.7,	166.7,	0.0);	(671169.5, 4102580.1,	166.7,	166.7,	0.0);
(671158.8, 4102602.6,	166.7,	166.7,	0.0);	(671148.2, 4102625.1,	166.7,	166.7,	0.0);
(671137.6, 4102647.6,	166.7,	166.7,	0.0);	(671127.0, 4102670.1,	166.7,	166.7,	0.0);
(671116.4, 4102692.7,	166.7,	166.7,	0.0);	(671105.7, 4102715.2,	166.7,	166.7,	0.0);
(671095.1, 4102737.7,	166.7,	166.7,	0.0);	(671084.5, 4102760.2,	166.7,	166.7,	0.0);
(671073.9, 4102782.7,	166.7,	166.7,	0.0);	(671063.2, 4102805.2,	166.7,	166.7,	0.0);
(671052.6, 4102827.7,	166.7,	166.7,	0.0);	(671042.0, 4102850.2,	166.7,	166.7,	0.0);
(671031.4, 4102872.7,	166.7,	166.7,	0.0);	(671020.8, 4102895.2,	166.7,	166.7,	0.0);
(671010.1, 4102917.7,	166.7,	166.7,	0.0);	(670999.5, 4102940.2,	166.7,	166.7,	0.0);
(670988.9, 4102962.7,	166.7,	166.7,	0.0);	(670978.3, 4102985.2,	166.7,	166.7,	0.0);
(670967.7, 4103007.7,	166.7,	166.7,	0.0);	(670957.0, 4103030.2,	166.7,	166.7,	0.0);
(670946.4, 4103052.8,	166.7,	166.7,	0.0);	(670935.8, 4103075.2,	166.7,	166.7,	0.0);
(670925.2, 4103097.8,	166.7,	166.7,	0.0);	(670914.6, 4103120.3,	166.7,	166.7,	0.0);
(670903.9, 4103142.8,	166.7,	166.7,	0.0);	(670893.3, 4103165.3,	166.7,	166.7,	0.0);
(670882.7, 4103187.8,	166.7,	166.7,	0.0);	(670872.1, 4103210.3,	166.7,	166.7,	0.0);
(670861.5, 4103232.8,	166.7,	166.7,	0.0);	(670850.8, 4103255.3,	166.7,	166.7,	0.0);
(670840.2, 4103277.8,	166.7,	166.7,	0.0);	(670829.6, 4103300.3,	166.7,	166.7,	0.0);
(670819.0, 4103322.8,	166.7,	166.7,	0.0);	(670808.4, 4103345.3,	166.7,	166.7,	0.0);
(670797.7, 4103367.8,	166.7,	166.7,	0.0);	(670787.1, 4103390.3,	166.7,	166.7,	0.0);
(670776.5, 4103412.8,	166.7,	166.7,	0.0);	(670765.9, 4103435.3,	166.7,	166.7,	0.0);
(670755.2, 4103457.8,	166.7,	166.7,	0.0);	(670744.6, 4103480.3,	166.7,	166.7,	0.0);
(670734.0, 4103502.9,	166.7,	166.7,	0.0);	(670723.4, 4103525.4,	166.7,	166.7,	0.0);
(670712.8, 4103547.9,	166.7,	166.7,	0.0);	(670702.2, 4103570.4,	166.7,	166.7,	0.0);
(670691.5, 4103592.9,	166.7,	166.7,	0.0);	(670680.9, 4103615.4,	166.7,	166.7,	0.0);
(670670.3, 4103637.9,	166.7,	166.7,	0.0);	(670659.7, 4103660.4,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670649.1, 4103682.9,	166.7,	166.7,	0.0);	(670638.4, 4103705.4,	166.7,	166.7,	0.0);
(670627.8, 4103727.9,	166.7,	166.7,	0.0);	(670617.2, 4103750.4,	166.7,	166.7,	0.0);
(670606.6, 4103772.9,	166.7,	166.7,	0.0);	(670595.9, 4103795.4,	166.7,	166.7,	0.0);
(670585.3, 4103817.9,	166.7,	166.7,	0.0);	(671554.0, 4101723.9,	166.7,	166.7,	0.0);
(671601.7, 4101699.1,	166.7,	166.7,	0.0);	(671529.2, 4101759.3,	166.7,	166.7,	0.0);
(671518.6, 4101781.8,	166.7,	166.7,	0.0);	(671507.9, 4101804.3,	166.7,	166.7,	0.0);
(671497.3, 4101826.8,	166.7,	166.7,	0.0);	(671486.7, 4101849.3,	166.7,	166.7,	0.0);
(671476.1, 4101871.8,	166.7,	166.7,	0.0);	(671465.5, 4101894.3,	166.7,	166.7,	0.0);
(671454.8, 4101916.8,	166.7,	166.7,	0.0);	(671444.2, 4101939.3,	166.7,	166.7,	0.0);
(671433.6, 4101961.8,	166.7,	166.7,	0.0);	(671423.0, 4101984.3,	166.7,	166.7,	0.0);
(671412.4, 4102006.8,	166.7,	166.7,	0.0);	(671401.7, 4102029.3,	166.7,	166.7,	0.0);
(671391.1, 4102051.8,	166.7,	166.7,	0.0);	(671380.5, 4102074.3,	166.7,	166.7,	0.0);
(671369.9, 4102096.8,	166.7,	166.7,	0.0);	(671359.2, 4102119.3,	166.7,	166.7,	0.0);
(671348.6, 4102141.9,	166.7,	166.7,	0.0);	(671338.0, 4102164.4,	166.7,	166.7,	0.0);
(671327.4, 4102186.9,	166.7,	166.7,	0.0);	(671316.8, 4102209.4,	166.7,	166.7,	0.0);
(671306.2, 4102231.9,	166.7,	166.7,	0.0);	(671295.5, 4102254.4,	166.7,	166.7,	0.0);
(671284.9, 4102276.9,	166.7,	166.7,	0.0);	(671274.3, 4102299.4,	166.7,	166.7,	0.0);
(671263.7, 4102321.9,	166.7,	166.7,	0.0);	(671253.1, 4102344.4,	166.7,	166.7,	0.0);
(671242.4, 4102366.9,	166.7,	166.7,	0.0);	(671231.8, 4102389.4,	166.7,	166.7,	0.0);
(671221.2, 4102411.9,	166.7,	166.7,	0.0);	(671210.6, 4102434.4,	166.7,	166.7,	0.0);
(671200.0, 4102456.9,	166.7,	166.7,	0.0);	(671189.3, 4102479.4,	166.7,	166.7,	0.0);
(671178.7, 4102501.9,	166.7,	166.7,	0.0);	(671168.1, 4102524.4,	166.7,	166.7,	0.0);
(671157.5, 4102547.0,	166.7,	166.7,	0.0);	(671146.8, 4102569.5,	166.7,	166.7,	0.0);
(671136.2, 4102592.0,	166.7,	166.7,	0.0);	(671125.6, 4102614.5,	166.7,	166.7,	0.0);
(671115.0, 4102637.0,	166.7,	166.7,	0.0);	(671104.4, 4102659.5,	166.7,	166.7,	0.0);
(671093.7, 4102682.0,	166.7,	166.7,	0.0);	(671083.1, 4102704.5,	166.7,	166.7,	0.0);
(671072.5, 4102727.0,	166.7,	166.7,	0.0);	(671061.9, 4102749.5,	166.7,	166.7,	0.0);
(671051.3, 4102772.0,	166.7,	166.7,	0.0);	(671040.6, 4102794.5,	166.7,	166.7,	0.0);
(671030.0, 4102817.0,	166.7,	166.7,	0.0);	(671019.4, 4102839.5,	166.7,	166.7,	0.0);
(671008.8, 4102862.0,	166.7,	166.7,	0.0);	(670998.2, 4102884.5,	166.7,	166.7,	0.0);
(670987.5, 4102907.0,	166.7,	166.7,	0.0);	(670976.9, 4102929.5,	166.7,	166.7,	0.0);
(670966.3, 4102952.1,	166.7,	166.7,	0.0);	(670955.7, 4102974.6,	166.7,	166.7,	0.0);
(670945.1, 4102997.1,	166.7,	166.7,	0.0);	(670934.4, 4103019.6,	166.7,	166.7,	0.0);
(670923.8, 4103042.1,	166.7,	166.7,	0.0);	(670913.2, 4103064.6,	166.7,	166.7,	0.0);
(670902.6, 4103087.1,	166.7,	166.7,	0.0);	(670892.0, 4103109.6,	166.7,	166.7,	0.0);
(670881.3, 4103132.1,	166.7,	166.7,	0.0);	(670870.7, 4103154.6,	166.7,	166.7,	0.0);
(670860.1, 4103177.1,	166.7,	166.7,	0.0);	(670849.5, 4103199.6,	166.7,	166.7,	0.0);
(670838.9, 4103222.1,	166.7,	166.7,	0.0);	(670828.2, 4103244.6,	166.7,	166.7,	0.0);
(670817.6, 4103267.1,	166.7,	166.7,	0.0);	(670807.0, 4103289.6,	166.7,	166.7,	0.0);
(670796.4, 4103312.1,	166.7,	166.7,	0.0);	(670785.7, 4103334.6,	166.7,	166.7,	0.0);
(670775.1, 4103357.1,	166.7,	166.7,	0.0);	(670764.5, 4103379.7,	166.7,	166.7,	0.0);
(670753.9, 4103402.2,	166.7,	166.7,	0.0);	(670743.3, 4103424.7,	166.7,	166.7,	0.0);
(670732.6, 4103447.2,	166.7,	166.7,	0.0);	(670722.0, 4103469.7,	166.7,	166.7,	0.0);
(670711.4, 4103492.2,	166.7,	166.7,	0.0);	(670700.8, 4103514.7,	166.7,	166.7,	0.0);
(670690.2, 4103537.2,	166.7,	166.7,	0.0);	(670679.5, 4103559.7,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670668.9, 4103582.2,	166.7,	166.7,	0.0);	(670658.3, 4103604.7,	166.7,	166.7,	0.0);
(670647.7, 4103627.2,	166.7,	166.7,	0.0);	(670637.1, 4103649.7,	166.7,	166.7,	0.0);
(670626.4, 4103672.2,	166.7,	166.7,	0.0);	(670615.8, 4103694.7,	166.7,	166.7,	0.0);
(670605.2, 4103717.2,	166.7,	166.7,	0.0);	(670594.6, 4103739.8,	166.7,	166.7,	0.0);
(670584.0, 4103762.2,	166.7,	166.7,	0.0);	(670573.3, 4103784.8,	166.7,	166.7,	0.0);
(670562.7, 4103807.3,	166.7,	166.7,	0.0);	(671531.4, 4101713.2,	166.7,	166.7,	0.0);
(671559.9, 4101687.4,	166.7,	166.7,	0.0);	(671593.3, 4101675.6,	166.7,	166.7,	0.0);
(671631.7, 4101677.6,	166.7,	166.7,	0.0);	(671506.6, 4101748.6,	166.7,	166.7,	0.0);
(671496.0, 4101771.1,	166.7,	166.7,	0.0);	(671485.3, 4101793.6,	166.7,	166.7,	0.0);
(671474.7, 4101816.1,	166.7,	166.7,	0.0);	(671464.1, 4101838.6,	166.7,	166.7,	0.0);
(671453.5, 4101861.1,	166.7,	166.7,	0.0);	(671442.9, 4101883.6,	166.7,	166.7,	0.0);
(671432.2, 4101906.1,	166.7,	166.7,	0.0);	(671421.6, 4101928.6,	166.7,	166.7,	0.0);
(671411.0, 4101951.1,	166.7,	166.7,	0.0);	(671400.4, 4101973.6,	166.7,	166.7,	0.0);
(671389.8, 4101996.2,	166.7,	166.7,	0.0);	(671379.1, 4102018.7,	166.7,	166.7,	0.0);
(671368.5, 4102041.2,	166.7,	166.7,	0.0);	(671357.9, 4102063.7,	166.7,	166.7,	0.0);
(671347.3, 4102086.2,	166.7,	166.7,	0.0);	(671336.7, 4102108.7,	166.7,	166.7,	0.0);
(671326.0, 4102131.2,	166.7,	166.7,	0.0);	(671315.4, 4102153.7,	166.7,	166.7,	0.0);
(671304.8, 4102176.2,	166.7,	166.7,	0.0);	(671294.2, 4102198.7,	166.7,	166.7,	0.0);
(671283.5, 4102221.2,	166.7,	166.7,	0.0);	(671272.9, 4102243.7,	166.7,	166.7,	0.0);
(671262.3, 4102266.2,	166.7,	166.7,	0.0);	(671251.7, 4102288.7,	166.7,	166.7,	0.0);
(671241.1, 4102311.2,	166.7,	166.7,	0.0);	(671230.4, 4102333.7,	166.7,	166.7,	0.0);
(671219.8, 4102356.2,	166.7,	166.7,	0.0);	(671209.2, 4102378.8,	166.7,	166.7,	0.0);
(671198.6, 4102401.3,	166.7,	166.7,	0.0);	(671188.0, 4102423.8,	166.7,	166.7,	0.0);
(671177.3, 4102446.3,	166.7,	166.7,	0.0);	(671166.7, 4102468.8,	166.7,	166.7,	0.0);
(671156.1, 4102491.3,	166.7,	166.7,	0.0);	(671145.5, 4102513.8,	166.7,	166.7,	0.0);
(671134.9, 4102536.3,	166.7,	166.7,	0.0);	(671124.2, 4102558.8,	166.7,	166.7,	0.0);
(671113.6, 4102581.3,	166.7,	166.7,	0.0);	(671103.0, 4102603.8,	166.7,	166.7,	0.0);
(671092.4, 4102626.3,	166.7,	166.7,	0.0);	(671081.8, 4102648.8,	166.7,	166.7,	0.0);
(671071.1, 4102671.3,	166.7,	166.7,	0.0);	(671060.5, 4102693.8,	166.7,	166.7,	0.0);
(671049.9, 4102716.3,	166.7,	166.7,	0.0);	(671039.3, 4102738.8,	166.7,	166.7,	0.0);
(671028.7, 4102761.3,	166.7,	166.7,	0.0);	(671018.0, 4102783.8,	166.7,	166.7,	0.0);
(671007.4, 4102806.3,	166.7,	166.7,	0.0);	(670996.8, 4102828.9,	166.7,	166.7,	0.0);
(670986.2, 4102851.4,	166.7,	166.7,	0.0);	(670975.6, 4102873.9,	166.7,	166.7,	0.0);
(670964.9, 4102896.4,	166.7,	166.7,	0.0);	(670954.3, 4102918.9,	166.7,	166.7,	0.0);
(670943.7, 4102941.4,	166.7,	166.7,	0.0);	(670933.1, 4102963.9,	166.7,	166.7,	0.0);
(670922.4, 4102986.4,	166.7,	166.7,	0.0);	(670911.8, 4103008.9,	166.7,	166.7,	0.0);
(670901.2, 4103031.4,	166.7,	166.7,	0.0);	(670890.6, 4103053.9,	166.7,	166.7,	0.0);
(670880.0, 4103076.4,	166.7,	166.7,	0.0);	(670869.3, 4103098.9,	166.7,	166.7,	0.0);
(670858.7, 4103121.4,	166.7,	166.7,	0.0);	(670848.1, 4103143.9,	166.7,	166.7,	0.0);
(670837.5, 4103166.4,	166.7,	166.7,	0.0);	(670826.9, 4103188.9,	166.7,	166.7,	0.0);
(670816.2, 4103211.4,	166.7,	166.7,	0.0);	(670805.6, 4103234.0,	166.7,	166.7,	0.0);
(670795.0, 4103256.5,	166.7,	166.7,	0.0);	(670784.4, 4103279.0,	166.7,	166.7,	0.0);
(670773.8, 4103301.5,	166.7,	166.7,	0.0);	(670763.1, 4103324.0,	166.7,	166.7,	0.0);
(670752.5, 4103346.5,	166.7,	166.7,	0.0);	(670741.9, 4103369.0,	166.7,	166.7,	0.0);
(670731.3, 4103391.5,	166.7,	166.7,	0.0);	(670720.7, 4103414.0,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670710.0, 4103436.5,	166.7,	166.7,	0.0);	(670699.4, 4103459.0,	166.7,	166.7,	0.0);
(670688.8, 4103481.5,	166.7,	166.7,	0.0);	(670678.2, 4103504.0,	166.7,	166.7,	0.0);
(670667.6, 4103526.5,	166.7,	166.7,	0.0);	(670656.9, 4103549.0,	166.7,	166.7,	0.0);
(670646.3, 4103571.5,	166.7,	166.7,	0.0);	(670635.7, 4103594.0,	166.7,	166.7,	0.0);
(670625.1, 4103616.5,	166.7,	166.7,	0.0);	(670614.5, 4103639.0,	166.7,	166.7,	0.0);
(670603.8, 4103661.6,	166.7,	166.7,	0.0);	(670593.2, 4103684.1,	166.7,	166.7,	0.0);
(670582.6, 4103706.6,	166.7,	166.7,	0.0);	(670572.0, 4103729.1,	166.7,	166.7,	0.0);
(670561.4, 4103751.6,	166.7,	166.7,	0.0);	(670550.7, 4103774.1,	166.7,	166.7,	0.0);
(670540.1, 4103796.6,	166.7,	166.7,	0.0);	(671489.1, 4101689.3,	166.7,	166.7,	0.0);
(671506.1, 4101673.8,	166.7,	166.7,	0.0);	(671523.2, 4101658.4,	166.7,	166.7,	0.0);
(671540.3, 4101642.9,	166.7,	166.7,	0.0);	(671580.4, 4101628.6,	166.7,	166.7,	0.0);
(671603.4, 4101629.9,	166.7,	166.7,	0.0);	(671626.4, 4101631.1,	166.7,	166.7,	0.0);
(671649.4, 4101632.3,	166.7,	166.7,	0.0);	(671472.0, 4101704.8,	166.7,	166.7,	0.0);
(671461.4, 4101727.3,	166.7,	166.7,	0.0);	(671450.7, 4101749.8,	166.7,	166.7,	0.0);
(671440.1, 4101772.3,	166.7,	166.7,	0.0);	(671429.5, 4101794.8,	166.7,	166.7,	0.0);
(671418.9, 4101817.3,	166.7,	166.7,	0.0);	(671408.2, 4101839.8,	166.7,	166.7,	0.0);
(671397.6, 4101862.3,	166.7,	166.7,	0.0);	(671387.0, 4101884.8,	166.7,	166.7,	0.0);
(671376.4, 4101907.3,	166.7,	166.7,	0.0);	(671365.8, 4101929.8,	166.7,	166.7,	0.0);
(671355.2, 4101952.3,	166.7,	166.7,	0.0);	(671344.5, 4101974.8,	166.7,	166.7,	0.0);
(671333.9, 4101997.3,	166.7,	166.7,	0.0);	(671323.3, 4102019.8,	166.7,	166.7,	0.0);
(671312.7, 4102042.3,	166.7,	166.7,	0.0);	(671302.1, 4102064.8,	166.7,	166.7,	0.0);
(671291.4, 4102087.3,	166.7,	166.7,	0.0);	(671280.8, 4102109.8,	166.7,	166.7,	0.0);
(671270.2, 4102132.4,	166.7,	166.7,	0.0);	(671259.6, 4102154.9,	166.7,	166.7,	0.0);
(671248.9, 4102177.4,	166.7,	166.7,	0.0);	(671238.3, 4102199.9,	166.7,	166.7,	0.0);
(671227.7, 4102222.4,	166.7,	166.7,	0.0);	(671217.1, 4102244.9,	166.7,	166.7,	0.0);
(671206.5, 4102267.4,	166.7,	166.7,	0.0);	(671195.8, 4102289.9,	166.7,	166.7,	0.0);
(671185.2, 4102312.4,	166.7,	166.7,	0.0);	(671174.6, 4102334.9,	166.7,	166.7,	0.0);
(671164.0, 4102357.4,	166.7,	166.7,	0.0);	(671153.4, 4102379.9,	166.7,	166.7,	0.0);
(671142.7, 4102402.4,	166.7,	166.7,	0.0);	(671132.1, 4102424.9,	166.7,	166.7,	0.0);
(671121.5, 4102447.4,	166.7,	166.7,	0.0);	(671110.9, 4102469.9,	166.7,	166.7,	0.0);
(671100.3, 4102492.4,	166.7,	166.7,	0.0);	(671089.6, 4102514.9,	166.7,	166.7,	0.0);
(671079.0, 4102537.4,	166.7,	166.7,	0.0);	(671068.4, 4102560.0,	166.7,	166.7,	0.0);
(671057.8, 4102582.5,	166.7,	166.7,	0.0);	(671047.2, 4102605.0,	166.7,	166.7,	0.0);
(671036.5, 4102627.5,	166.7,	166.7,	0.0);	(671025.9, 4102650.0,	166.7,	166.7,	0.0);
(671015.3, 4102672.5,	166.7,	166.7,	0.0);	(671004.7, 4102695.0,	166.7,	166.7,	0.0);
(670994.1, 4102717.5,	166.7,	166.7,	0.0);	(670983.4, 4102740.0,	166.7,	166.7,	0.0);
(670972.8, 4102762.5,	166.7,	166.7,	0.0);	(670962.2, 4102785.0,	166.7,	166.7,	0.0);
(670951.6, 4102807.5,	166.7,	166.7,	0.0);	(670941.0, 4102830.0,	166.7,	166.7,	0.0);
(670930.3, 4102852.5,	166.7,	166.7,	0.0);	(670919.7, 4102875.0,	166.7,	166.7,	0.0);
(670909.1, 4102897.5,	166.7,	166.7,	0.0);	(670898.5, 4102920.0,	166.7,	166.7,	0.0);
(670887.9, 4102942.5,	166.7,	166.7,	0.0);	(670877.2, 4102965.1,	166.7,	166.7,	0.0);
(670866.6, 4102987.6,	166.7,	166.7,	0.0);	(670856.0, 4103010.1,	166.7,	166.7,	0.0);
(670845.4, 4103032.6,	166.7,	166.7,	0.0);	(670834.7, 4103055.1,	166.7,	166.7,	0.0);
(670824.1, 4103077.6,	166.7,	166.7,	0.0);	(670813.5, 4103100.1,	166.7,	166.7,	0.0);
(670802.9, 4103122.6,	166.7,	166.7,	0.0);	(670792.3, 4103145.1,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670781.6, 4103167.6,	166.7,	166.7,	0.0);	(670771.0, 4103190.1,	166.7,	166.7,	0.0);
(670760.4, 4103212.6,	166.7,	166.7,	0.0);	(670749.8, 4103235.1,	166.7,	166.7,	0.0);
(670739.2, 4103257.6,	166.7,	166.7,	0.0);	(670728.5, 4103280.1,	166.7,	166.7,	0.0);
(670717.9, 4103302.6,	166.7,	166.7,	0.0);	(670707.3, 4103325.1,	166.7,	166.7,	0.0);
(670696.7, 4103347.6,	166.7,	166.7,	0.0);	(670686.1, 4103370.2,	166.7,	166.7,	0.0);
(670675.4, 4103392.7,	166.7,	166.7,	0.0);	(670664.8, 4103415.2,	166.7,	166.7,	0.0);
(670654.2, 4103437.7,	166.7,	166.7,	0.0);	(670643.6, 4103460.2,	166.7,	166.7,	0.0);
(670633.0, 4103482.7,	166.7,	166.7,	0.0);	(670622.3, 4103505.2,	166.7,	166.7,	0.0);
(670611.7, 4103527.7,	166.7,	166.7,	0.0);	(670601.1, 4103550.2,	166.7,	166.7,	0.0);
(670590.5, 4103572.7,	166.7,	166.7,	0.0);	(670579.9, 4103595.2,	166.7,	166.7,	0.0);
(670569.2, 4103617.7,	166.7,	166.7,	0.0);	(670558.6, 4103640.2,	166.7,	166.7,	0.0);
(670548.0, 4103662.7,	166.7,	166.7,	0.0);	(670537.4, 4103685.2,	166.7,	166.7,	0.0);
(670526.8, 4103707.7,	166.7,	166.7,	0.0);	(670516.1, 4103730.2,	166.7,	166.7,	0.0);
(670505.5, 4103752.8,	166.7,	166.7,	0.0);	(670494.9, 4103775.2,	166.7,	166.7,	0.0);
(671443.0, 4101668.7,	166.7,	166.7,	0.0);	(671475.6, 4101639.2,	166.7,	166.7,	0.0);
(671508.1, 4101609.8,	166.7,	166.7,	0.0);	(671562.6, 4101581.5,	166.7,	166.7,	0.0);
(671606.4, 4101583.8,	166.7,	166.7,	0.0);	(671650.2, 4101586.1,	166.7,	166.7,	0.0);
(671416.1, 4101705.9,	166.7,	166.7,	0.0);	(671405.5, 4101728.4,	166.7,	166.7,	0.0);
(671394.9, 4101750.9,	166.7,	166.7,	0.0);	(671384.3, 4101773.4,	166.7,	166.7,	0.0);
(671373.7, 4101795.9,	166.7,	166.7,	0.0);	(671363.0, 4101818.4,	166.7,	166.7,	0.0);
(671352.4, 4101840.9,	166.7,	166.7,	0.0);	(671341.8, 4101863.5,	166.7,	166.7,	0.0);
(671331.2, 4101886.0,	166.7,	166.7,	0.0);	(671320.6, 4101908.5,	166.7,	166.7,	0.0);
(671309.9, 4101931.0,	166.7,	166.7,	0.0);	(671299.3, 4101953.5,	166.7,	166.7,	0.0);
(671288.7, 4101976.0,	166.7,	166.7,	0.0);	(671278.1, 4101998.5,	166.7,	166.7,	0.0);
(671267.5, 4102021.0,	166.7,	166.7,	0.0);	(671256.8, 4102043.5,	166.7,	166.7,	0.0);
(671246.2, 4102066.0,	166.7,	166.7,	0.0);	(671235.6, 4102088.5,	166.7,	166.7,	0.0);
(671225.0, 4102111.0,	166.7,	166.7,	0.0);	(671214.4, 4102133.5,	166.7,	166.7,	0.0);
(671203.7, 4102156.0,	166.7,	166.7,	0.0);	(671193.1, 4102178.5,	166.7,	166.7,	0.0);
(671182.5, 4102201.0,	166.7,	166.7,	0.0);	(671171.9, 4102223.5,	166.7,	166.7,	0.0);
(671161.2, 4102246.0,	166.7,	166.7,	0.0);	(671150.6, 4102268.6,	166.7,	166.7,	0.0);
(671140.0, 4102291.1,	166.7,	166.7,	0.0);	(671129.4, 4102313.6,	166.7,	166.7,	0.0);
(671118.8, 4102336.1,	166.7,	166.7,	0.0);	(671108.1, 4102358.6,	166.7,	166.7,	0.0);
(671097.5, 4102381.1,	166.7,	166.7,	0.0);	(671086.9, 4102403.6,	166.7,	166.7,	0.0);
(671076.3, 4102426.1,	166.7,	166.7,	0.0);	(671065.7, 4102448.6,	166.7,	166.7,	0.0);
(671055.0, 4102471.1,	166.7,	166.7,	0.0);	(671044.4, 4102493.6,	166.7,	166.7,	0.0);
(671033.8, 4102516.1,	166.7,	166.7,	0.0);	(671023.2, 4102538.6,	166.7,	166.7,	0.0);
(671012.6, 4102561.1,	166.7,	166.7,	0.0);	(671001.9, 4102583.6,	166.7,	166.7,	0.0);
(670991.3, 4102606.1,	166.7,	166.7,	0.0);	(670980.7, 4102628.6,	166.7,	166.7,	0.0);
(670970.1, 4102651.1,	166.7,	166.7,	0.0);	(670959.5, 4102673.6,	166.7,	166.7,	0.0);
(670948.8, 4102696.2,	166.7,	166.7,	0.0);	(670938.2, 4102718.7,	166.7,	166.7,	0.0);
(670927.6, 4102741.2,	166.7,	166.7,	0.0);	(670917.0, 4102763.7,	166.7,	166.7,	0.0);
(670906.4, 4102786.2,	166.7,	166.7,	0.0);	(670895.7, 4102808.7,	166.7,	166.7,	0.0);
(670885.1, 4102831.2,	166.7,	166.7,	0.0);	(670874.5, 4102853.7,	166.7,	166.7,	0.0);
(670863.9, 4102876.2,	166.7,	166.7,	0.0);	(670853.2, 4102898.7,	166.7,	166.7,	0.0);
(670842.6, 4102921.2,	166.7,	166.7,	0.0);	(670832.0, 4102943.7,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670821.4, 4102966.2,	166.7,	166.7,	0.0);	(670810.8, 4102988.7,	166.7,	166.7,	0.0);
(670800.2, 4103011.2,	166.7,	166.7,	0.0);	(670789.5, 4103033.7,	166.7,	166.7,	0.0);
(670778.9, 4103056.2,	166.7,	166.7,	0.0);	(670768.3, 4103078.8,	166.7,	166.7,	0.0);
(670757.7, 4103101.3,	166.7,	166.7,	0.0);	(670747.0, 4103123.8,	166.7,	166.7,	0.0);
(670736.4, 4103146.3,	166.7,	166.7,	0.0);	(670725.8, 4103168.8,	166.7,	166.7,	0.0);
(670715.2, 4103191.3,	166.7,	166.7,	0.0);	(670704.6, 4103213.8,	166.7,	166.7,	0.0);
(670693.9, 4103236.3,	166.7,	166.7,	0.0);	(670683.3, 4103258.8,	166.7,	166.7,	0.0);
(670672.7, 4103281.3,	166.7,	166.7,	0.0);	(670662.1, 4103303.8,	166.7,	166.7,	0.0);
(670651.5, 4103326.3,	166.7,	166.7,	0.0);	(670640.8, 4103348.8,	166.7,	166.7,	0.0);
(670630.2, 4103371.3,	166.7,	166.7,	0.0);	(670619.6, 4103393.8,	166.7,	166.7,	0.0);
(670609.0, 4103416.3,	166.7,	166.7,	0.0);	(670598.4, 4103438.8,	166.7,	166.7,	0.0);
(670587.7, 4103461.3,	166.7,	166.7,	0.0);	(670577.1, 4103483.8,	166.7,	166.7,	0.0);
(670566.5, 4103506.4,	166.7,	166.7,	0.0);	(670555.9, 4103528.9,	166.7,	166.7,	0.0);
(670545.2, 4103551.4,	166.7,	166.7,	0.0);	(670534.6, 4103573.9,	166.7,	166.7,	0.0);
(670524.0, 4103596.4,	166.7,	166.7,	0.0);	(670513.4, 4103618.9,	166.7,	166.7,	0.0);
(670502.8, 4103641.4,	166.7,	166.7,	0.0);	(670492.2, 4103663.9,	166.7,	166.7,	0.0);
(670481.5, 4103686.4,	166.7,	166.7,	0.0);	(670470.9, 4103708.9,	166.7,	166.7,	0.0);
(670460.3, 4103731.4,	166.7,	166.7,	0.0);	(670449.7, 4103753.9,	166.7,	166.7,	0.0);
(671399.3, 4101646.0,	166.7,	166.7,	0.0);	(671417.1, 4101629.9,	166.7,	166.7,	0.0);
(671434.9, 4101613.8,	166.7,	166.7,	0.0);	(671452.7, 4101597.6,	166.7,	166.7,	0.0);
(671470.5, 4101581.5,	166.7,	166.7,	0.0);	(671488.3, 4101565.4,	166.7,	166.7,	0.0);
(671506.1, 4101549.3,	166.7,	166.7,	0.0);	(671547.9, 4101534.5,	166.7,	166.7,	0.0);
(671571.8, 4101535.7,	166.7,	166.7,	0.0);	(671595.8, 4101537.0,	166.7,	166.7,	0.0);
(671619.8, 4101538.3,	166.7,	166.7,	0.0);	(671643.8, 4101539.5,	166.7,	166.7,	0.0);
(671667.7, 4101540.8,	166.7,	166.7,	0.0);	(671691.7, 4101542.0,	166.7,	166.7,	0.0);
(671381.5, 4101662.1,	166.7,	166.7,	0.0);	(671370.9, 4101684.6,	166.7,	166.7,	0.0);
(671360.3, 4101707.1,	166.7,	166.7,	0.0);	(671349.7, 4101729.6,	166.7,	166.7,	0.0);
(671339.1, 4101752.1,	166.7,	166.7,	0.0);	(671328.4, 4101774.6,	166.7,	166.7,	0.0);
(671317.8, 4101797.1,	166.7,	166.7,	0.0);	(671307.2, 4101819.6,	166.7,	166.7,	0.0);
(671296.6, 4101842.1,	166.7,	166.7,	0.0);	(671286.0, 4101864.6,	166.7,	166.7,	0.0);
(671275.3, 4101887.1,	166.7,	166.7,	0.0);	(671264.7, 4101909.6,	166.7,	166.7,	0.0);
(671254.1, 4101932.1,	166.7,	166.7,	0.0);	(671243.5, 4101954.6,	166.7,	166.7,	0.0);
(671232.9, 4101977.1,	166.7,	166.7,	0.0);	(671222.2, 4101999.7,	166.7,	166.7,	0.0);
(671211.6, 4102022.2,	166.7,	166.7,	0.0);	(671201.0, 4102044.7,	166.7,	166.7,	0.0);
(671190.4, 4102067.2,	166.7,	166.7,	0.0);	(671179.8, 4102089.7,	166.7,	166.7,	0.0);
(671169.1, 4102112.2,	166.7,	166.7,	0.0);	(671158.5, 4102134.7,	166.7,	166.7,	0.0);
(671147.9, 4102157.2,	166.7,	166.7,	0.0);	(671137.3, 4102179.7,	166.7,	166.7,	0.0);
(671126.7, 4102202.2,	166.7,	166.7,	0.0);	(671116.0, 4102224.7,	166.7,	166.7,	0.0);
(671105.4, 4102247.2,	166.7,	166.7,	0.0);	(671094.8, 4102269.7,	166.7,	166.7,	0.0);
(671084.2, 4102292.2,	166.7,	166.7,	0.0);	(671073.5, 4102314.7,	166.7,	166.7,	0.0);
(671062.9, 4102337.2,	166.7,	166.7,	0.0);	(671052.3, 4102359.7,	166.7,	166.7,	0.0);
(671041.7, 4102382.2,	166.7,	166.7,	0.0);	(671031.1, 4102404.8,	166.7,	166.7,	0.0);
(671020.4, 4102427.3,	166.7,	166.7,	0.0);	(671009.8, 4102449.8,	166.7,	166.7,	0.0);
(670999.2, 4102472.3,	166.7,	166.7,	0.0);	(670988.6, 4102494.8,	166.7,	166.7,	0.0);
(670978.0, 4102517.3,	166.7,	166.7,	0.0);	(670967.3, 4102539.8,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670956.7, 4102562.3,	166.7,	166.7,	0.0);	(670946.1, 4102584.8,	166.7,	166.7,	0.0);
(670935.5, 4102607.3,	166.7,	166.7,	0.0);	(670924.9, 4102629.8,	166.7,	166.7,	0.0);
(670914.2, 4102652.3,	166.7,	166.7,	0.0);	(670903.6, 4102674.8,	166.7,	166.7,	0.0);
(670893.0, 4102697.3,	166.7,	166.7,	0.0);	(670882.4, 4102719.8,	166.7,	166.7,	0.0);
(670871.8, 4102742.3,	166.7,	166.7,	0.0);	(670861.1, 4102764.8,	166.7,	166.7,	0.0);
(670850.5, 4102787.3,	166.7,	166.7,	0.0);	(670839.9, 4102809.8,	166.7,	166.7,	0.0);
(670829.3, 4102832.4,	166.7,	166.7,	0.0);	(670818.7, 4102854.9,	166.7,	166.7,	0.0);
(670808.0, 4102877.4,	166.7,	166.7,	0.0);	(670797.4, 4102899.9,	166.7,	166.7,	0.0);
(670786.8, 4102922.4,	166.7,	166.7,	0.0);	(670776.2, 4102944.9,	166.7,	166.7,	0.0);
(670765.6, 4102967.4,	166.7,	166.7,	0.0);	(670754.9, 4102989.9,	166.7,	166.7,	0.0);
(670744.3, 4103012.4,	166.7,	166.7,	0.0);	(670733.7, 4103034.9,	166.7,	166.7,	0.0);
(670723.1, 4103057.4,	166.7,	166.7,	0.0);	(670712.5, 4103079.9,	166.7,	166.7,	0.0);
(670701.8, 4103102.4,	166.7,	166.7,	0.0);	(670691.2, 4103124.9,	166.7,	166.7,	0.0);
(670680.6, 4103147.4,	166.7,	166.7,	0.0);	(670670.0, 4103169.9,	166.7,	166.7,	0.0);
(670659.3, 4103192.4,	166.7,	166.7,	0.0);	(670648.7, 4103214.9,	166.7,	166.7,	0.0);
(670638.1, 4103237.5,	166.7,	166.7,	0.0);	(670627.5, 4103260.0,	166.7,	166.7,	0.0);
(670616.9, 4103282.5,	166.7,	166.7,	0.0);	(670606.2, 4103305.0,	166.7,	166.7,	0.0);
(670595.6, 4103327.5,	166.7,	166.7,	0.0);	(670585.0, 4103350.0,	166.7,	166.7,	0.0);
(670574.4, 4103372.5,	166.7,	166.7,	0.0);	(670563.8, 4103395.0,	166.7,	166.7,	0.0);
(670553.1, 4103417.5,	166.7,	166.7,	0.0);	(670542.5, 4103440.0,	166.7,	166.7,	0.0);
(670531.9, 4103462.5,	166.7,	166.7,	0.0);	(670521.3, 4103485.0,	166.7,	166.7,	0.0);
(670510.7, 4103507.5,	166.7,	166.7,	0.0);	(670500.0, 4103530.0,	166.7,	166.7,	0.0);
(670489.4, 4103552.5,	166.7,	166.7,	0.0);	(670478.8, 4103575.0,	166.7,	166.7,	0.0);
(670468.2, 4103597.5,	166.7,	166.7,	0.0);	(670457.6, 4103620.0,	166.7,	166.7,	0.0);
(670446.9, 4103642.5,	166.7,	166.7,	0.0);	(670436.3, 4103665.1,	166.7,	166.7,	0.0);
(670425.7, 4103687.6,	166.7,	166.7,	0.0);	(670415.1, 4103710.1,	166.7,	166.7,	0.0);
(670404.5, 4103732.6,	166.7,	166.7,	0.0);	(671323.4, 4101610.9,	166.7,	166.7,	0.0);
(671340.7, 4101595.3,	166.7,	166.7,	0.0);	(671357.9, 4101579.6,	166.7,	166.7,	0.0);
(671375.2, 4101564.0,	166.7,	166.7,	0.0);	(671392.5, 4101548.4,	166.7,	166.7,	0.0);
(671409.7, 4101532.8,	166.7,	166.7,	0.0);	(671427.0, 4101517.2,	166.7,	166.7,	0.0);
(671444.2, 4101501.5,	166.7,	166.7,	0.0);	(671461.5, 4101485.9,	166.7,	166.7,	0.0);
(671478.7, 4101470.3,	166.7,	166.7,	0.0);	(671519.2, 4101455.9,	166.7,	166.7,	0.0);
(671542.5, 4101457.1,	166.7,	166.7,	0.0);	(671565.7, 4101458.4,	166.7,	166.7,	0.0);
(671589.0, 4101459.6,	166.7,	166.7,	0.0);	(671612.2, 4101460.8,	166.7,	166.7,	0.0);
(671635.5, 4101462.0,	166.7,	166.7,	0.0);	(671658.7, 4101463.3,	166.7,	166.7,	0.0);
(671681.9, 4101464.5,	166.7,	166.7,	0.0);	(671705.2, 4101465.7,	166.7,	166.7,	0.0);
(671728.4, 4101466.9,	166.7,	166.7,	0.0);	(671306.2, 4101626.5,	166.7,	166.7,	0.0);
(671295.6, 4101649.0,	166.7,	166.7,	0.0);	(671284.9, 4101671.5,	166.7,	166.7,	0.0);
(671274.3, 4101694.0,	166.7,	166.7,	0.0);	(671263.7, 4101716.5,	166.7,	166.7,	0.0);
(671253.1, 4101739.0,	166.7,	166.7,	0.0);	(671242.5, 4101761.5,	166.7,	166.7,	0.0);
(671231.8, 4101784.0,	166.7,	166.7,	0.0);	(671221.2, 4101806.5,	166.7,	166.7,	0.0);
(671210.6, 4101829.1,	166.7,	166.7,	0.0);	(671200.0, 4101851.6,	166.7,	166.7,	0.0);
(671189.4, 4101874.1,	166.7,	166.7,	0.0);	(671178.7, 4101896.6,	166.7,	166.7,	0.0);
(671168.1, 4101919.1,	166.7,	166.7,	0.0);	(671157.5, 4101941.6,	166.7,	166.7,	0.0);
(671146.9, 4101964.1,	166.7,	166.7,	0.0);	(671136.2, 4101986.6,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671125.6, 4102009.1,	166.7,	166.7,	0.0);	(671115.0, 4102031.6,	166.7,	166.7,	0.0);
(671104.4, 4102054.1,	166.7,	166.7,	0.0);	(671093.8, 4102076.6,	166.7,	166.7,	0.0);
(671083.2, 4102099.1,	166.7,	166.7,	0.0);	(671072.5, 4102121.6,	166.7,	166.7,	0.0);
(671061.9, 4102144.1,	166.7,	166.7,	0.0);	(671051.3, 4102166.6,	166.7,	166.7,	0.0);
(671040.7, 4102189.1,	166.7,	166.7,	0.0);	(671030.0, 4102211.6,	166.7,	166.7,	0.0);
(671019.4, 4102234.2,	166.7,	166.7,	0.0);	(671008.8, 4102256.7,	166.7,	166.7,	0.0);
(670998.2, 4102279.2,	166.7,	166.7,	0.0);	(670987.6, 4102301.7,	166.7,	166.7,	0.0);
(670976.9, 4102324.2,	166.7,	166.7,	0.0);	(670966.3, 4102346.7,	166.7,	166.7,	0.0);
(670955.7, 4102369.2,	166.7,	166.7,	0.0);	(670945.1, 4102391.7,	166.7,	166.7,	0.0);
(670934.5, 4102414.2,	166.7,	166.7,	0.0);	(670923.8, 4102436.7,	166.7,	166.7,	0.0);
(670913.2, 4102459.2,	166.7,	166.7,	0.0);	(670902.6, 4102481.7,	166.7,	166.7,	0.0);
(670892.0, 4102504.2,	166.7,	166.7,	0.0);	(670881.4, 4102526.7,	166.7,	166.7,	0.0);
(670870.7, 4102549.2,	166.7,	166.7,	0.0);	(670860.1, 4102571.7,	166.7,	166.7,	0.0);
(670849.5, 4102594.2,	166.7,	166.7,	0.0);	(670838.9, 4102616.8,	166.7,	166.7,	0.0);
(670828.2, 4102639.3,	166.7,	166.7,	0.0);	(670817.6, 4102661.8,	166.7,	166.7,	0.0);
(670807.0, 4102684.3,	166.7,	166.7,	0.0);	(670796.4, 4102706.8,	166.7,	166.7,	0.0);
(670785.8, 4102729.3,	166.7,	166.7,	0.0);	(670775.2, 4102751.8,	166.7,	166.7,	0.0);
(670764.5, 4102774.3,	166.7,	166.7,	0.0);	(670753.9, 4102796.8,	166.7,	166.7,	0.0);
(670743.3, 4102819.3,	166.7,	166.7,	0.0);	(670732.7, 4102841.8,	166.7,	166.7,	0.0);
(670722.1, 4102864.3,	166.7,	166.7,	0.0);	(670711.4, 4102886.8,	166.7,	166.7,	0.0);
(670700.8, 4102909.3,	166.7,	166.7,	0.0);	(670690.2, 4102931.8,	166.7,	166.7,	0.0);
(670679.6, 4102954.3,	166.7,	166.7,	0.0);	(670668.9, 4102976.8,	166.7,	166.7,	0.0);
(670658.3, 4102999.3,	166.7,	166.7,	0.0);	(670647.7, 4103021.8,	166.7,	166.7,	0.0);
(670637.1, 4103044.3,	166.7,	166.7,	0.0);	(670626.5, 4103066.9,	166.7,	166.7,	0.0);
(670615.8, 4103089.4,	166.7,	166.7,	0.0);	(670605.2, 4103111.9,	166.7,	166.7,	0.0);
(670594.6, 4103134.4,	166.7,	166.7,	0.0);	(670584.0, 4103156.9,	166.7,	166.7,	0.0);
(670573.4, 4103179.4,	166.7,	166.7,	0.0);	(670562.7, 4103201.9,	166.7,	166.7,	0.0);
(670552.1, 4103224.4,	166.7,	166.7,	0.0);	(670541.5, 4103246.9,	166.7,	166.7,	0.0);
(670530.9, 4103269.4,	166.7,	166.7,	0.0);	(670520.3, 4103291.9,	166.7,	166.7,	0.0);
(670509.6, 4103314.4,	166.7,	166.7,	0.0);	(670499.0, 4103336.9,	166.7,	166.7,	0.0);
(670488.4, 4103359.4,	166.7,	166.7,	0.0);	(670477.8, 4103381.9,	166.7,	166.7,	0.0);
(670467.2, 4103404.4,	166.7,	166.7,	0.0);	(670456.5, 4103426.9,	166.7,	166.7,	0.0);
(670445.9, 4103449.4,	166.7,	166.7,	0.0);	(670435.3, 4103472.0,	166.7,	166.7,	0.0);
(670424.7, 4103494.5,	166.7,	166.7,	0.0);	(670414.1, 4103517.0,	166.7,	166.7,	0.0);
(670403.4, 4103539.5,	166.7,	166.7,	0.0);	(670392.8, 4103562.0,	166.7,	166.7,	0.0);
(670382.2, 4103584.5,	166.7,	166.7,	0.0);	(670371.6, 4103607.0,	166.7,	166.7,	0.0);
(670361.0, 4103629.5,	166.7,	166.7,	0.0);	(670350.3, 4103652.0,	166.7,	166.7,	0.0);
(670339.7, 4103674.5,	166.7,	166.7,	0.0);	(670329.1, 4103697.0,	166.7,	166.7,	0.0);
(671249.1, 4101574.4,	166.7,	166.7,	0.0);	(671267.3, 4101557.9,	166.7,	166.7,	0.0);
(671285.6, 4101541.4,	166.7,	166.7,	0.0);	(671303.8, 4101524.9,	166.7,	166.7,	0.0);
(671322.1, 4101508.3,	166.7,	166.7,	0.0);	(671340.3, 4101491.8,	166.7,	166.7,	0.0);
(671358.6, 4101475.3,	166.7,	166.7,	0.0);	(671376.8, 4101458.8,	166.7,	166.7,	0.0);
(671395.1, 4101442.2,	166.7,	166.7,	0.0);	(671413.3, 4101425.7,	166.7,	166.7,	0.0);
(671431.6, 4101409.2,	166.7,	166.7,	0.0);	(671449.8, 4101392.7,	166.7,	166.7,	0.0);
(671492.7, 4101377.5,	166.7,	166.7,	0.0);	(671517.2, 4101378.8,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671541.8, 4101380.0,	166.7,	166.7,	0.0);	(671566.4, 4101381.3,	166.7,	166.7,	0.0);
(671591.0, 4101382.6,	166.7,	166.7,	0.0);	(671615.6, 4101383.9,	166.7,	166.7,	0.0);
(671640.2, 4101385.2,	166.7,	166.7,	0.0);	(671664.8, 4101386.5,	166.7,	166.7,	0.0);
(671689.3, 4101387.8,	166.7,	166.7,	0.0);	(671713.9, 4101389.1,	166.7,	166.7,	0.0);
(671738.5, 4101390.4,	166.7,	166.7,	0.0);	(671763.1, 4101391.7,	166.7,	166.7,	0.0);
(671230.8, 4101590.9,	166.7,	166.7,	0.0);	(671220.2, 4101613.4,	166.7,	166.7,	0.0);
(671209.6, 4101636.0,	166.7,	166.7,	0.0);	(671199.0, 4101658.5,	166.7,	166.7,	0.0);
(671188.3, 4101681.0,	166.7,	166.7,	0.0);	(671177.7, 4101703.5,	166.7,	166.7,	0.0);
(671167.1, 4101726.0,	166.7,	166.7,	0.0);	(671156.5, 4101748.5,	166.7,	166.7,	0.0);
(671145.9, 4101771.0,	166.7,	166.7,	0.0);	(671135.2, 4101793.5,	166.7,	166.7,	0.0);
(671124.6, 4101816.0,	166.7,	166.7,	0.0);	(671114.0, 4101838.5,	166.7,	166.7,	0.0);
(671103.4, 4101861.0,	166.7,	166.7,	0.0);	(671092.8, 4101883.5,	166.7,	166.7,	0.0);
(671082.1, 4101906.0,	166.7,	166.7,	0.0);	(671071.5, 4101928.5,	166.7,	166.7,	0.0);
(671060.9, 4101951.0,	166.7,	166.7,	0.0);	(671050.3, 4101973.5,	166.7,	166.7,	0.0);
(671039.6, 4101996.0,	166.7,	166.7,	0.0);	(671029.0, 4102018.5,	166.7,	166.7,	0.0);
(671018.4, 4102041.1,	166.7,	166.7,	0.0);	(671007.8, 4102063.6,	166.7,	166.7,	0.0);
(670997.2, 4102086.1,	166.7,	166.7,	0.0);	(670986.5, 4102108.6,	166.7,	166.7,	0.0);
(670975.9, 4102131.1,	166.7,	166.7,	0.0);	(670965.3, 4102153.6,	166.7,	166.7,	0.0);
(670954.7, 4102176.1,	166.7,	166.7,	0.0);	(670944.1, 4102198.6,	166.7,	166.7,	0.0);
(670933.4, 4102221.1,	166.7,	166.7,	0.0);	(670922.8, 4102243.6,	166.7,	166.7,	0.0);
(670912.2, 4102266.1,	166.7,	166.7,	0.0);	(670901.6, 4102288.6,	166.7,	166.7,	0.0);
(670891.0, 4102311.1,	166.7,	166.7,	0.0);	(670880.3, 4102333.6,	166.7,	166.7,	0.0);
(670869.7, 4102356.1,	166.7,	166.7,	0.0);	(670859.1, 4102378.6,	166.7,	166.7,	0.0);
(670848.5, 4102401.1,	166.7,	166.7,	0.0);	(670837.9, 4102423.6,	166.7,	166.7,	0.0);
(670827.2, 4102446.1,	166.7,	166.7,	0.0);	(670816.6, 4102468.7,	166.7,	166.7,	0.0);
(670806.0, 4102491.2,	166.7,	166.7,	0.0);	(670795.4, 4102513.7,	166.7,	166.7,	0.0);
(670784.8, 4102536.2,	166.7,	166.7,	0.0);	(670774.1, 4102558.7,	166.7,	166.7,	0.0);
(670763.5, 4102581.2,	166.7,	166.7,	0.0);	(670752.9, 4102603.7,	166.7,	166.7,	0.0);
(670742.3, 4102626.2,	166.7,	166.7,	0.0);	(670731.7, 4102648.7,	166.7,	166.7,	0.0);
(670721.0, 4102671.2,	166.7,	166.7,	0.0);	(670710.4, 4102693.7,	166.7,	166.7,	0.0);
(670699.8, 4102716.2,	166.7,	166.7,	0.0);	(670689.2, 4102738.7,	166.7,	166.7,	0.0);
(670678.6, 4102761.2,	166.7,	166.7,	0.0);	(670667.9, 4102783.7,	166.7,	166.7,	0.0);
(670657.3, 4102806.2,	166.7,	166.7,	0.0);	(670646.7, 4102828.8,	166.7,	166.7,	0.0);
(670636.1, 4102851.2,	166.7,	166.7,	0.0);	(670625.4, 4102873.8,	166.7,	166.7,	0.0);
(670614.8, 4102896.3,	166.7,	166.7,	0.0);	(670604.2, 4102918.8,	166.7,	166.7,	0.0);
(670593.6, 4102941.3,	166.7,	166.7,	0.0);	(670583.0, 4102963.8,	166.7,	166.7,	0.0);
(670572.3, 4102986.3,	166.7,	166.7,	0.0);	(670561.7, 4103008.8,	166.7,	166.7,	0.0);
(670551.1, 4103031.3,	166.7,	166.7,	0.0);	(670540.5, 4103053.8,	166.7,	166.7,	0.0);
(670529.9, 4103076.3,	166.7,	166.7,	0.0);	(670519.2, 4103098.8,	166.7,	166.7,	0.0);
(670508.6, 4103121.3,	166.7,	166.7,	0.0);	(670498.0, 4103143.8,	166.7,	166.7,	0.0);
(670487.4, 4103166.3,	166.7,	166.7,	0.0);	(670476.8, 4103188.8,	166.7,	166.7,	0.0);
(670466.1, 4103211.3,	166.7,	166.7,	0.0);	(670455.5, 4103233.8,	166.7,	166.7,	0.0);
(670444.9, 4103256.3,	166.7,	166.7,	0.0);	(670434.3, 4103278.8,	166.7,	166.7,	0.0);
(670423.7, 4103301.4,	166.7,	166.7,	0.0);	(670413.0, 4103323.9,	166.7,	166.7,	0.0);
(670402.4, 4103346.4,	166.7,	166.7,	0.0);	(670391.8, 4103368.9,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670381.2, 4103391.4,	166.7,	166.7,	0.0);	(670370.6, 4103413.9,	166.7,	166.7,	0.0);
(670359.9, 4103436.4,	166.7,	166.7,	0.0);	(670349.3, 4103458.9,	166.7,	166.7,	0.0);
(670338.7, 4103481.4,	166.7,	166.7,	0.0);	(670328.1, 4103503.9,	166.7,	166.7,	0.0);
(670317.5, 4103526.4,	166.7,	166.7,	0.0);	(670306.8, 4103548.9,	166.7,	166.7,	0.0);
(670296.2, 4103571.4,	166.7,	166.7,	0.0);	(670285.6, 4103593.9,	166.7,	166.7,	0.0);
(670275.0, 4103616.4,	166.7,	166.7,	0.0);	(670264.3, 4103638.9,	166.7,	166.7,	0.0);
(670253.7, 4103661.4,	166.7,	166.7,	0.0);	(671173.2, 4101539.3,	166.7,	166.7,	0.0);
(671191.0, 4101523.2,	166.7,	166.7,	0.0);	(671208.8, 4101507.1,	166.7,	166.7,	0.0);
(671226.6, 4101490.9,	166.7,	166.7,	0.0);	(671244.4, 4101474.8,	166.7,	166.7,	0.0);
(671262.2, 4101458.7,	166.7,	166.7,	0.0);	(671280.0, 4101442.6,	166.7,	166.7,	0.0);
(671297.8, 4101426.5,	166.7,	166.7,	0.0);	(671315.6, 4101410.4,	166.7,	166.7,	0.0);
(671333.4, 4101394.3,	166.7,	166.7,	0.0);	(671351.2, 4101378.2,	166.7,	166.7,	0.0);
(671369.0, 4101362.1,	166.7,	166.7,	0.0);	(671386.8, 4101346.0,	166.7,	166.7,	0.0);
(671404.6, 4101329.9,	166.7,	166.7,	0.0);	(671422.4, 4101313.8,	166.7,	166.7,	0.0);
(671464.1, 4101298.9,	166.7,	166.7,	0.0);	(671488.1, 4101300.2,	166.7,	166.7,	0.0);
(671512.1, 4101301.4,	166.7,	166.7,	0.0);	(671536.1, 4101302.7,	166.7,	166.7,	0.0);
(671560.0, 4101304.0,	166.7,	166.7,	0.0);	(671584.0, 4101305.2,	166.7,	166.7,	0.0);
(671608.0, 4101306.5,	166.7,	166.7,	0.0);	(671631.9, 4101307.8,	166.7,	166.7,	0.0);
(671655.9, 4101309.0,	166.7,	166.7,	0.0);	(671679.9, 4101310.3,	166.7,	166.7,	0.0);
(671703.8, 4101311.5,	166.7,	166.7,	0.0);	(671727.8, 4101312.8,	166.7,	166.7,	0.0);
(671751.8, 4101314.1,	166.7,	166.7,	0.0);	(671775.8, 4101315.3,	166.7,	166.7,	0.0);
(671799.7, 4101316.6,	166.7,	166.7,	0.0);	(671155.5, 4101555.4,	166.7,	166.7,	0.0);
(671144.8, 4101577.9,	166.7,	166.7,	0.0);	(671134.2, 4101600.4,	166.7,	166.7,	0.0);
(671123.6, 4101622.9,	166.7,	166.7,	0.0);	(671113.0, 4101645.4,	166.7,	166.7,	0.0);
(671102.4, 4101667.9,	166.7,	166.7,	0.0);	(671091.7, 4101690.4,	166.7,	166.7,	0.0);
(671081.1, 4101712.9,	166.7,	166.7,	0.0);	(671070.5, 4101735.4,	166.7,	166.7,	0.0);
(671059.9, 4101757.9,	166.7,	166.7,	0.0);	(671049.2, 4101780.4,	166.7,	166.7,	0.0);
(671038.6, 4101802.9,	166.7,	166.7,	0.0);	(671028.0, 4101825.4,	166.7,	166.7,	0.0);
(671017.4, 4101847.9,	166.7,	166.7,	0.0);	(671006.8, 4101870.5,	166.7,	166.7,	0.0);
(670996.1, 4101893.0,	166.7,	166.7,	0.0);	(670985.5, 4101915.5,	166.7,	166.7,	0.0);
(670974.9, 4101938.0,	166.7,	166.7,	0.0);	(670964.3, 4101960.5,	166.7,	166.7,	0.0);
(670953.7, 4101983.0,	166.7,	166.7,	0.0);	(670943.0, 4102005.5,	166.7,	166.7,	0.0);
(670932.4, 4102028.0,	166.7,	166.7,	0.0);	(670921.8, 4102050.5,	166.7,	166.7,	0.0);
(670911.2, 4102073.0,	166.7,	166.7,	0.0);	(670900.6, 4102095.5,	166.7,	166.7,	0.0);
(670889.9, 4102118.0,	166.7,	166.7,	0.0);	(670879.3, 4102140.5,	166.7,	166.7,	0.0);
(670868.7, 4102163.0,	166.7,	166.7,	0.0);	(670858.1, 4102185.5,	166.7,	166.7,	0.0);
(670847.5, 4102208.0,	166.7,	166.7,	0.0);	(670836.8, 4102230.5,	166.7,	166.7,	0.0);
(670826.2, 4102253.0,	166.7,	166.7,	0.0);	(670815.6, 4102275.6,	166.7,	166.7,	0.0);
(670805.0, 4102298.1,	166.7,	166.7,	0.0);	(670794.4, 4102320.6,	166.7,	166.7,	0.0);
(670783.7, 4102343.1,	166.7,	166.7,	0.0);	(670773.1, 4102365.6,	166.7,	166.7,	0.0);
(670762.5, 4102388.1,	166.7,	166.7,	0.0);	(670751.9, 4102410.6,	166.7,	166.7,	0.0);
(670741.2, 4102433.1,	166.7,	166.7,	0.0);	(670730.6, 4102455.6,	166.7,	166.7,	0.0);
(670720.0, 4102478.1,	166.7,	166.7,	0.0);	(670709.4, 4102500.6,	166.7,	166.7,	0.0);
(670698.8, 4102523.1,	166.7,	166.7,	0.0);	(670688.2, 4102545.6,	166.7,	166.7,	0.0);
(670677.5, 4102568.1,	166.7,	166.7,	0.0);	(670666.9, 4102590.6,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670656.3, 4102613.1,	166.7,	166.7,	0.0);	(670645.7, 4102635.6,	166.7,	166.7,	0.0);
(670635.0, 4102658.1,	166.7,	166.7,	0.0);	(670624.4, 4102680.6,	166.7,	166.7,	0.0);
(670613.8, 4102703.2,	166.7,	166.7,	0.0);	(670603.2, 4102725.7,	166.7,	166.7,	0.0);
(670592.6, 4102748.2,	166.7,	166.7,	0.0);	(670581.9, 4102770.7,	166.7,	166.7,	0.0);
(670571.3, 4102793.2,	166.7,	166.7,	0.0);	(670560.7, 4102815.7,	166.7,	166.7,	0.0);
(670550.1, 4102838.2,	166.7,	166.7,	0.0);	(670539.5, 4102860.7,	166.7,	166.7,	0.0);
(670528.8, 4102883.2,	166.7,	166.7,	0.0);	(670518.2, 4102905.7,	166.7,	166.7,	0.0);
(670507.6, 4102928.2,	166.7,	166.7,	0.0);	(670497.0, 4102950.7,	166.7,	166.7,	0.0);
(670486.4, 4102973.2,	166.7,	166.7,	0.0);	(670475.7, 4102995.7,	166.7,	166.7,	0.0);
(670465.1, 4103018.2,	166.7,	166.7,	0.0);	(670454.5, 4103040.7,	166.7,	166.7,	0.0);
(670443.9, 4103063.2,	166.7,	166.7,	0.0);	(670433.2, 4103085.8,	166.7,	166.7,	0.0);
(670422.6, 4103108.3,	166.7,	166.7,	0.0);	(670412.0, 4103130.8,	166.7,	166.7,	0.0);
(670401.4, 4103153.3,	166.7,	166.7,	0.0);	(670390.8, 4103175.8,	166.7,	166.7,	0.0);
(670380.2, 4103198.3,	166.7,	166.7,	0.0);	(670369.5, 4103220.8,	166.7,	166.7,	0.0);
(670358.9, 4103243.3,	166.7,	166.7,	0.0);	(670348.3, 4103265.8,	166.7,	166.7,	0.0);
(670337.7, 4103288.3,	166.7,	166.7,	0.0);	(670327.1, 4103310.8,	166.7,	166.7,	0.0);
(670316.4, 4103333.3,	166.7,	166.7,	0.0);	(670305.8, 4103355.8,	166.7,	166.7,	0.0);
(670295.2, 4103378.3,	166.7,	166.7,	0.0);	(670284.6, 4103400.8,	166.7,	166.7,	0.0);
(670274.0, 4103423.3,	166.7,	166.7,	0.0);	(670263.3, 4103445.8,	166.7,	166.7,	0.0);
(670252.7, 4103468.3,	166.7,	166.7,	0.0);	(670242.1, 4103490.8,	166.7,	166.7,	0.0);
(670231.5, 4103513.4,	166.7,	166.7,	0.0);	(670220.8, 4103535.9,	166.7,	166.7,	0.0);
(670210.2, 4103558.4,	166.7,	166.7,	0.0);	(670199.6, 4103580.9,	166.7,	166.7,	0.0);
(670189.0, 4103603.4,	166.7,	166.7,	0.0);	(670178.4, 4103625.9,	166.7,	166.7,	0.0);
(670947.2, 4101432.6,	166.7,	402.5,	0.0);	(670965.0, 4101416.5,	166.7,	402.5,	0.0);
(670982.8, 4101400.4,	166.7,	402.5,	0.0);	(671000.5, 4101384.2,	166.7,	402.5,	0.0);
(671018.3, 4101368.1,	166.7,	402.5,	0.0);	(671036.1, 4101352.0,	166.7,	402.5,	0.0);
(671053.9, 4101335.9,	166.7,	402.5,	0.0);	(671071.7, 4101319.8,	166.7,	402.5,	0.0);
(671089.5, 4101303.7,	166.7,	402.5,	0.0);	(671107.3, 4101287.6,	166.7,	402.5,	0.0);
(671125.1, 4101271.5,	166.7,	402.5,	0.0);	(671142.9, 4101255.4,	166.7,	402.5,	0.0);
(671160.7, 4101239.3,	166.7,	402.5,	0.0);	(671178.5, 4101223.2,	166.7,	402.5,	0.0);
(671196.3, 4101207.1,	166.7,	402.5,	0.0);	(671214.1, 4101190.9,	166.7,	402.5,	0.0);
(671231.9, 4101174.8,	166.7,	402.5,	0.0);	(671249.7, 4101158.7,	166.7,	402.5,	0.0);
(671267.5, 4101142.6,	166.7,	402.5,	0.0);	(671285.3, 4101126.5,	166.7,	402.5,	0.0);
(671303.1, 4101110.4,	166.7,	402.5,	0.0);	(671320.9, 4101094.3,	166.7,	402.5,	0.0);
(671338.7, 4101078.2,	166.7,	402.5,	0.0);	(671380.4, 4101063.3,	166.7,	402.5,	0.0);
(671404.4, 4101064.6,	166.7,	402.5,	0.0);	(671428.4, 4101065.9,	166.7,	402.5,	0.0);
(671452.3, 4101067.1,	166.7,	402.5,	0.0);	(671476.3, 4101068.4,	166.7,	402.5,	0.0);
(671500.3, 4101069.7,	166.7,	402.5,	0.0);	(671524.2, 4101070.9,	166.7,	402.5,	0.0);
(671548.2, 4101072.2,	166.7,	402.5,	0.0);	(671572.2, 4101073.4,	166.7,	402.5,	0.0);
(671596.1, 4101074.7,	166.7,	402.5,	0.0);	(671620.1, 4101076.0,	166.7,	402.5,	0.0);
(671644.1, 4101077.2,	166.7,	402.5,	0.0);	(671668.1, 4101078.5,	166.7,	402.5,	0.0);
(671692.0, 4101079.8,	166.7,	402.5,	0.0);	(671716.0, 4101081.0,	166.7,	402.5,	0.0);
(671740.0, 4101082.3,	166.7,	402.5,	0.0);	(671763.9, 4101083.6,	166.7,	402.5,	0.0);
(671787.9, 4101084.8,	166.7,	402.5,	0.0);	(671811.9, 4101086.1,	166.7,	166.7,	0.0);
(671835.8, 4101087.3,	166.7,	166.7,	0.0);	(671859.8, 4101088.6,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671883.8, 4101089.9,	166.7,	281.8,	0.0);	(671907.8, 4101091.1,	166.7,	282.0,	0.0);
(670929.4, 4101448.7,	166.7,	166.7,	0.0);	(670918.7, 4101471.2,	166.7,	166.7,	0.0);
(670908.1, 4101493.7,	166.7,	166.7,	0.0);	(670897.5, 4101516.2,	166.7,	166.7,	0.0);
(670886.9, 4101538.7,	166.7,	166.7,	0.0);	(670876.3, 4101561.2,	166.7,	166.7,	0.0);
(670865.6, 4101583.7,	166.7,	166.7,	0.0);	(670855.0, 4101606.2,	166.7,	166.7,	0.0);
(670844.4, 4101628.7,	166.7,	166.7,	0.0);	(670833.8, 4101651.2,	166.7,	166.7,	0.0);
(670823.2, 4101673.7,	166.7,	166.7,	0.0);	(670812.5, 4101696.2,	166.7,	166.7,	0.0);
(670801.9, 4101718.8,	166.7,	166.7,	0.0);	(670791.3, 4101741.3,	166.7,	166.7,	0.0);
(670780.7, 4101763.8,	166.7,	166.7,	0.0);	(670770.1, 4101786.3,	166.7,	166.7,	0.0);
(670759.4, 4101808.8,	166.7,	166.7,	0.0);	(670748.8, 4101831.3,	166.7,	166.7,	0.0);
(670738.2, 4101853.8,	166.7,	166.7,	0.0);	(670727.6, 4101876.3,	166.7,	166.7,	0.0);
(670717.0, 4101898.8,	166.7,	166.7,	0.0);	(670706.3, 4101921.3,	166.7,	166.7,	0.0);
(670695.7, 4101943.8,	166.7,	166.7,	0.0);	(670685.1, 4101966.3,	166.7,	166.7,	0.0);
(670674.5, 4101988.8,	166.7,	166.7,	0.0);	(670663.9, 4102011.3,	166.7,	166.7,	0.0);
(670653.2, 4102033.8,	166.7,	166.7,	0.0);	(670642.6, 4102056.3,	166.7,	166.7,	0.0);
(670632.0, 4102078.8,	166.7,	166.7,	0.0);	(670621.4, 4102101.3,	166.7,	166.7,	0.0);
(670610.8, 4102123.8,	166.7,	166.7,	0.0);	(670600.1, 4102146.4,	166.7,	166.7,	0.0);
(670589.5, 4102168.9,	166.7,	166.7,	0.0);	(670578.9, 4102191.4,	166.7,	166.7,	0.0);
(670568.3, 4102213.9,	166.7,	166.7,	0.0);	(670557.6, 4102236.4,	166.7,	166.7,	0.0);
(670547.0, 4102258.9,	166.7,	166.7,	0.0);	(670536.4, 4102281.4,	166.7,	166.7,	0.0);
(670525.8, 4102303.9,	166.7,	166.7,	0.0);	(670515.2, 4102326.4,	166.7,	166.7,	0.0);
(670504.5, 4102348.9,	166.7,	166.7,	0.0);	(670493.9, 4102371.4,	166.7,	166.7,	0.0);
(670483.3, 4102393.9,	166.7,	166.7,	0.0);	(670472.7, 4102416.4,	166.7,	166.7,	0.0);
(670462.1, 4102438.9,	166.7,	166.7,	0.0);	(670451.4, 4102461.4,	166.7,	166.7,	0.0);
(670440.8, 4102483.9,	166.7,	166.7,	0.0);	(670430.2, 4102506.4,	166.7,	166.7,	0.0);
(670419.6, 4102528.9,	166.7,	166.7,	0.0);	(670409.0, 4102551.4,	166.7,	166.7,	0.0);
(670398.3, 4102574.0,	166.7,	166.7,	0.0);	(670387.7, 4102596.5,	166.7,	166.7,	0.0);
(670377.1, 4102619.0,	166.7,	166.7,	0.0);	(670366.5, 4102641.5,	166.7,	166.7,	0.0);
(670355.9, 4102664.0,	166.7,	166.7,	0.0);	(670345.2, 4102686.5,	166.7,	166.7,	0.0);
(670334.6, 4102709.0,	166.7,	166.7,	0.0);	(670324.0, 4102731.5,	166.7,	166.7,	0.0);
(670313.4, 4102754.0,	166.7,	166.7,	0.0);	(670302.8, 4102776.5,	166.7,	166.7,	0.0);
(670292.1, 4102799.0,	166.7,	166.7,	0.0);	(670281.5, 4102821.5,	166.7,	166.7,	0.0);
(670270.9, 4102844.0,	166.7,	166.7,	0.0);	(670260.3, 4102866.5,	166.7,	166.7,	0.0);
(670249.7, 4102889.0,	166.7,	166.7,	0.0);	(670239.0, 4102911.5,	166.7,	166.7,	0.0);
(670228.4, 4102934.0,	166.7,	166.7,	0.0);	(670217.8, 4102956.5,	166.7,	166.7,	0.0);
(670207.2, 4102979.1,	166.7,	166.7,	0.0);	(670196.5, 4103001.6,	166.7,	166.7,	0.0);
(670185.9, 4103024.1,	166.7,	166.7,	0.0);	(670175.3, 4103046.6,	166.7,	166.7,	0.0);
(670164.7, 4103069.1,	166.7,	166.7,	0.0);	(670154.1, 4103091.6,	166.7,	166.7,	0.0);
(670143.4, 4103114.1,	166.7,	166.7,	0.0);	(670132.8, 4103136.6,	166.7,	166.7,	0.0);
(670122.2, 4103159.1,	166.7,	166.7,	0.0);	(670111.6, 4103181.6,	166.7,	166.7,	0.0);
(670101.0, 4103204.1,	166.7,	166.7,	0.0);	(670090.3, 4103226.6,	166.7,	166.7,	0.0);
(670079.7, 4103249.1,	166.7,	166.7,	0.0);	(670069.1, 4103271.6,	166.7,	166.7,	0.0);
(670058.5, 4103294.1,	166.7,	166.7,	0.0);	(670047.9, 4103316.6,	166.7,	166.7,	0.0);
(670037.2, 4103339.1,	166.7,	166.7,	0.0);	(670026.6, 4103361.6,	166.7,	166.7,	0.0);
(670016.0, 4103384.2,	166.7,	166.7,	0.0);	(670005.4, 4103406.7,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(669994.8, 4103429.2,	166.7,	166.7,	0.0);	(669984.1, 4103451.7,	166.7,	166.7,	0.0);
(669973.5, 4103474.2,	166.7,	166.7,	0.0);	(669962.9, 4103496.7,	166.7,	166.7,	0.0);
(669952.3, 4103519.2,	166.7,	166.7,	0.0);	(670721.6, 4101325.4,	166.7,	417.2,	0.0);
(670740.0, 4101308.7,	166.7,	417.2,	0.0);	(670758.4, 4101292.1,	166.7,	417.2,	0.0);
(670776.8, 4101275.5,	166.7,	417.2,	0.0);	(670795.1, 4101258.8,	166.7,	417.2,	0.0);
(670813.5, 4101242.2,	166.7,	417.2,	0.0);	(670831.9, 4101225.6,	166.7,	417.2,	0.0);
(670850.2, 4101209.0,	166.7,	417.2,	0.0);	(670868.6, 4101192.3,	166.7,	417.2,	0.0);
(670887.0, 4101175.7,	166.7,	417.2,	0.0);	(670905.3, 4101159.1,	166.7,	417.2,	0.0);
(670923.7, 4101142.5,	166.7,	417.2,	0.0);	(670942.1, 4101125.8,	166.7,	417.2,	0.0);
(670960.4, 4101109.2,	166.7,	417.2,	0.0);	(670978.8, 4101092.6,	166.7,	417.2,	0.0);
(670997.2, 4101075.9,	166.7,	417.2,	0.0);	(671015.6, 4101059.3,	166.7,	417.2,	0.0);
(671033.9, 4101042.7,	166.7,	417.2,	0.0);	(671052.3, 4101026.1,	166.7,	417.2,	0.0);
(671070.7, 4101009.4,	166.7,	417.2,	0.0);	(671089.0, 4100992.8,	166.7,	417.2,	0.0);
(671107.4, 4100976.2,	166.7,	417.2,	0.0);	(671125.8, 4100959.5,	166.7,	417.2,	0.0);
(671144.1, 4100942.9,	166.7,	417.2,	0.0);	(671162.5, 4100926.3,	166.7,	417.2,	0.0);
(671180.9, 4100909.7,	166.7,	417.2,	0.0);	(671199.2, 4100893.0,	166.7,	417.2,	0.0);
(671217.6, 4100876.4,	166.7,	417.2,	0.0);	(671236.0, 4100859.8,	166.7,	417.2,	0.0);
(671254.3, 4100843.1,	166.7,	417.2,	0.0);	(671297.5, 4100827.8,	166.7,	417.2,	0.0);
(671322.2, 4100829.1,	166.7,	417.2,	0.0);	(671346.9, 4100830.4,	166.7,	417.2,	0.0);
(671371.7, 4100831.7,	166.7,	417.2,	0.0);	(671396.4, 4100833.0,	166.7,	417.2,	0.0);
(671421.2, 4100834.3,	166.7,	417.2,	0.0);	(671445.9, 4100835.6,	166.7,	417.2,	0.0);
(671470.7, 4100837.0,	166.7,	417.2,	0.0);	(671495.4, 4100838.3,	166.7,	417.2,	0.0);
(671520.1, 4100839.6,	166.7,	417.2,	0.0);	(671544.9, 4100840.9,	166.7,	417.2,	0.0);
(671569.6, 4100842.2,	166.7,	416.7,	0.0);	(671594.4, 4100843.5,	166.7,	415.2,	0.0);
(671619.1, 4100844.8,	166.7,	402.5,	0.0);	(671643.9, 4100846.1,	166.7,	402.5,	0.0);
(671668.6, 4100847.4,	166.7,	402.5,	0.0);	(671693.3, 4100848.7,	166.7,	402.5,	0.0);
(671718.1, 4100850.0,	166.7,	402.5,	0.0);	(671742.8, 4100851.3,	166.7,	402.5,	0.0);
(671767.6, 4100852.6,	166.7,	402.5,	0.0);	(671792.3, 4100853.9,	166.7,	402.5,	0.0);
(671817.1, 4100855.2,	166.7,	402.5,	0.0);	(671841.8, 4100856.5,	166.7,	402.5,	0.0);
(671866.5, 4100857.8,	166.7,	402.5,	0.0);	(671891.3, 4100859.1,	166.7,	402.5,	0.0);
(671916.0, 4100860.4,	166.7,	402.5,	0.0);	(671940.8, 4100861.7,	166.7,	402.5,	0.0);
(671965.5, 4100863.0,	166.7,	402.5,	0.0);	(671990.3, 4100864.3,	166.7,	402.5,	0.0);
(672015.0, 4100865.6,	166.7,	402.5,	0.0);	(670703.3, 4101342.0,	166.7,	417.2,	0.0);
(670692.7, 4101364.5,	166.7,	417.2,	0.0);	(670682.0, 4101387.0,	166.7,	417.2,	0.0);
(670671.4, 4101409.5,	166.7,	417.2,	0.0);	(670660.8, 4101432.0,	166.7,	417.2,	0.0);
(670650.2, 4101454.5,	166.7,	416.7,	0.0);	(670639.6, 4101477.0,	166.7,	402.5,	0.0);
(670628.9, 4101499.5,	166.7,	212.0,	0.0);	(670618.3, 4101522.0,	166.7,	212.0,	0.0);
(670607.7, 4101544.5,	166.7,	212.0,	0.0);	(670597.1, 4101567.0,	166.7,	212.0,	0.0);
(670586.5, 4101589.5,	166.7,	212.0,	0.0);	(670575.8, 4101612.1,	166.7,	211.8,	0.0);
(670565.2, 4101634.6,	166.7,	211.0,	0.0);	(670554.6, 4101657.1,	166.7,	166.7,	0.0);
(670544.0, 4101679.6,	166.7,	166.7,	0.0);	(670533.3, 4101702.1,	166.7,	166.7,	0.0);
(670522.7, 4101724.6,	166.7,	166.7,	0.0);	(670512.1, 4101747.1,	166.7,	166.7,	0.0);
(670501.5, 4101769.6,	166.7,	166.7,	0.0);	(670490.9, 4101792.1,	166.7,	166.7,	0.0);
(670480.2, 4101814.6,	166.7,	166.7,	0.0);	(670469.6, 4101837.1,	166.7,	166.7,	0.0);
(670459.0, 4101859.6,	166.7,	166.7,	0.0);	(670448.4, 4101882.1,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670437.8, 4101904.6,	166.7,	166.7,	0.0);	(670427.1, 4101927.1,	166.7,	166.7,	0.0);
(670416.5, 4101949.6,	166.7,	166.7,	0.0);	(670405.9, 4101972.1,	166.7,	166.7,	0.0);
(670395.3, 4101994.6,	166.7,	166.7,	0.0);	(670384.7, 4102017.2,	166.7,	166.7,	0.0);
(670374.0, 4102039.7,	166.7,	166.7,	0.0);	(670363.4, 4102062.2,	166.7,	166.7,	0.0);
(670352.8, 4102084.7,	166.7,	166.7,	0.0);	(670342.2, 4102107.2,	166.7,	166.7,	0.0);
(670331.6, 4102129.7,	166.7,	166.7,	0.0);	(670320.9, 4102152.2,	166.7,	166.7,	0.0);
(670310.3, 4102174.7,	166.7,	166.7,	0.0);	(670299.7, 4102197.2,	166.7,	166.7,	0.0);
(670289.1, 4102219.7,	166.7,	166.7,	0.0);	(670278.5, 4102242.2,	166.7,	166.7,	0.0);
(670267.8, 4102264.7,	166.7,	166.7,	0.0);	(670257.2, 4102287.2,	166.7,	166.7,	0.0);
(670246.6, 4102309.7,	166.7,	166.7,	0.0);	(670236.0, 4102332.2,	166.7,	166.7,	0.0);
(670225.4, 4102354.7,	166.7,	166.7,	0.0);	(670214.7, 4102377.2,	166.7,	166.7,	0.0);
(670204.1, 4102399.8,	166.7,	166.7,	0.0);	(670193.5, 4102422.3,	166.7,	166.7,	0.0);
(670182.9, 4102444.8,	166.7,	166.7,	0.0);	(670172.2, 4102467.3,	166.7,	166.7,	0.0);
(670161.6, 4102489.8,	166.7,	166.7,	0.0);	(670151.0, 4102512.3,	166.7,	166.7,	0.0);
(670140.4, 4102534.8,	166.7,	166.7,	0.0);	(670129.8, 4102557.3,	166.7,	166.7,	0.0);
(670119.1, 4102579.8,	166.7,	166.7,	0.0);	(670108.5, 4102602.3,	166.7,	166.7,	0.0);
(670097.9, 4102624.8,	166.7,	166.7,	0.0);	(670087.3, 4102647.3,	166.7,	166.7,	0.0);
(670076.7, 4102669.8,	166.7,	166.7,	0.0);	(670066.0, 4102692.3,	166.7,	166.7,	0.0);
(670055.4, 4102714.8,	166.7,	166.7,	0.0);	(670044.8, 4102737.3,	166.7,	166.7,	0.0);
(670034.2, 4102759.8,	166.7,	166.7,	0.0);	(670023.6, 4102782.3,	166.7,	166.7,	0.0);
(670012.9, 4102804.8,	166.7,	166.7,	0.0);	(670002.3, 4102827.3,	166.7,	166.7,	0.0);
(669991.7, 4102849.9,	166.7,	166.7,	0.0);	(669981.1, 4102872.4,	166.7,	166.7,	0.0);
(669970.5, 4102894.9,	166.7,	166.7,	0.0);	(669959.8, 4102917.4,	166.7,	166.7,	0.0);
(669949.2, 4102939.9,	166.7,	166.7,	0.0);	(669938.6, 4102962.4,	166.7,	166.7,	0.0);
(669928.0, 4102984.9,	166.7,	166.7,	0.0);	(669917.4, 4103007.4,	166.7,	166.7,	0.0);
(669906.7, 4103029.9,	166.7,	166.7,	0.0);	(669896.1, 4103052.4,	166.7,	166.7,	0.0);
(669885.5, 4103074.9,	166.7,	166.7,	0.0);	(669874.9, 4103097.4,	166.7,	166.7,	0.0);
(669864.2, 4103119.9,	166.7,	166.7,	0.0);	(669853.6, 4103142.4,	166.7,	166.7,	0.0);
(669843.0, 4103164.9,	166.7,	166.7,	0.0);	(669832.4, 4103187.4,	166.7,	166.7,	0.0);
(669821.8, 4103209.9,	166.7,	166.7,	0.0);	(669811.2, 4103232.4,	166.7,	166.7,	0.0);
(669800.5, 4103255.0,	166.7,	166.7,	0.0);	(669789.9, 4103277.5,	166.7,	166.7,	0.0);
(669779.3, 4103300.0,	166.7,	166.7,	0.0);	(669768.7, 4103322.5,	166.7,	166.7,	0.0);
(669758.0, 4103345.0,	166.7,	166.7,	0.0);	(669747.4, 4103367.5,	166.7,	166.7,	0.0);
(669736.8, 4103390.0,	166.7,	166.7,	0.0);	(669726.2, 4103412.5,	166.7,	166.7,	0.0);
(670269.3, 4101112.2,	170.7,	417.2,	0.0);	(670287.4, 4101095.7,	172.0,	417.2,	0.0);
(670305.6, 4101079.2,	174.5,	417.2,	0.0);	(670323.8, 4101062.8,	177.1,	417.2,	0.0);
(670342.0, 4101046.3,	178.6,	417.2,	0.0);	(670360.1, 4101029.9,	177.2,	417.2,	0.0);
(670378.3, 4101013.4,	172.2,	417.2,	0.0);	(670396.5, 4100997.0,	168.0,	417.2,	0.0);
(670414.7, 4100980.5,	166.7,	417.2,	0.0);	(670432.8, 4100964.1,	166.7,	417.2,	0.0);
(670451.0, 4100947.6,	166.7,	417.2,	0.0);	(670469.2, 4100931.2,	166.7,	417.2,	0.0);
(670487.4, 4100914.7,	166.7,	417.2,	0.0);	(670505.5, 4100898.3,	166.7,	417.2,	0.0);
(670523.7, 4100881.8,	166.7,	417.2,	0.0);	(670541.9, 4100865.4,	166.7,	417.2,	0.0);
(670560.0, 4100848.9,	166.7,	417.2,	0.0);	(670578.2, 4100832.5,	166.7,	417.2,	0.0);
(670596.4, 4100816.0,	166.7,	417.2,	0.0);	(670614.6, 4100799.6,	166.7,	417.2,	0.0);
(670632.7, 4100783.1,	166.7,	417.2,	0.0);	(670650.9, 4100766.7,	166.7,	417.2,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670669.1, 4100750.2,	166.7,	417.2,	0.0);	(670687.3, 4100733.8,	166.7,	417.2,	0.0);
(670705.4, 4100717.3,	166.7,	417.2,	0.0);	(670723.6, 4100700.9,	166.7,	417.2,	0.0);
(670741.8, 4100684.4,	166.7,	417.2,	0.0);	(670760.0, 4100668.0,	166.7,	417.2,	0.0);
(670778.1, 4100651.5,	166.7,	417.2,	0.0);	(670796.3, 4100635.1,	166.7,	417.2,	0.0);
(670814.5, 4100618.6,	166.7,	417.2,	0.0);	(670832.7, 4100602.2,	166.7,	417.2,	0.0);
(670850.8, 4100585.7,	166.7,	417.2,	0.0);	(670869.0, 4100569.3,	166.7,	417.2,	0.0);
(670887.2, 4100552.8,	166.7,	417.2,	0.0);	(670905.3, 4100536.4,	166.7,	417.2,	0.0);
(670923.5, 4100519.9,	166.7,	417.2,	0.0);	(670941.7, 4100503.5,	166.7,	417.2,	0.0);
(670959.9, 4100487.0,	166.7,	417.2,	0.0);	(670978.0, 4100470.6,	166.7,	417.2,	0.0);
(670996.2, 4100454.1,	166.7,	417.2,	0.0);	(671014.4, 4100437.7,	166.7,	417.2,	0.0);
(671032.6, 4100421.2,	166.7,	417.2,	0.0);	(671050.7, 4100404.8,	168.0,	417.2,	0.0);
(671068.9, 4100388.3,	173.3,	417.2,	0.0);	(671087.1, 4100371.8,	176.2,	417.2,	0.0);
(671129.7, 4100356.7,	192.1,	417.2,	0.0);	(671154.2, 4100358.0,	198.9,	417.2,	0.0);
(671178.7, 4100359.3,	202.5,	417.2,	0.0);	(671203.2, 4100360.6,	202.0,	417.2,	0.0);
(671227.7, 4100361.8,	197.7,	417.2,	0.0);	(671252.1, 4100363.1,	191.2,	417.2,	0.0);
(671276.6, 4100364.4,	184.5,	417.2,	0.0);	(671301.1, 4100365.7,	181.6,	417.2,	0.0);
(671325.6, 4100367.0,	179.7,	417.2,	0.0);	(671350.1, 4100368.3,	177.6,	417.2,	0.0);
(671374.5, 4100369.6,	175.5,	417.2,	0.0);	(671399.0, 4100370.9,	173.9,	417.2,	0.0);
(671423.5, 4100372.2,	172.4,	417.2,	0.0);	(671448.0, 4100373.5,	170.6,	417.2,	0.0);
(671472.5, 4100374.8,	167.2,	417.2,	0.0);	(671496.9, 4100376.0,	168.8,	417.2,	0.0);
(671521.4, 4100377.3,	170.1,	417.2,	0.0);	(671545.9, 4100378.6,	171.6,	417.2,	0.0);
(671570.4, 4100379.9,	172.2,	417.2,	0.0);	(671594.9, 4100381.2,	171.6,	417.2,	0.0);
(671619.3, 4100382.5,	168.2,	417.2,	0.0);	(671643.8, 4100383.8,	166.7,	417.2,	0.0);
(671668.3, 4100385.1,	166.7,	417.2,	0.0);	(671692.8, 4100386.4,	166.7,	417.2,	0.0);
(671717.2, 4100387.7,	166.7,	417.2,	0.0);	(671741.7, 4100388.9,	166.7,	417.2,	0.0);
(671766.2, 4100390.2,	166.7,	417.2,	0.0);	(671790.7, 4100391.5,	166.7,	417.2,	0.0);
(671815.2, 4100392.8,	166.7,	417.2,	0.0);	(671839.6, 4100394.1,	167.3,	417.2,	0.0);
(671864.1, 4100395.4,	168.5,	417.2,	0.0);	(671888.6, 4100396.7,	168.3,	416.7,	0.0);
(671913.1, 4100398.0,	166.9,	416.4,	0.0);	(671937.6, 4100399.3,	166.7,	414.9,	0.0);
(671962.0, 4100400.6,	166.7,	413.3,	0.0);	(671986.5, 4100401.8,	167.5,	413.3,	0.0);
(672011.0, 4100403.1,	169.4,	413.3,	0.0);	(672035.5, 4100404.4,	170.8,	413.3,	0.0);
(672060.0, 4100405.7,	171.0,	413.3,	0.0);	(672084.4, 4100407.0,	169.9,	413.3,	0.0);
(672108.9, 4100408.3,	168.7,	413.3,	0.0);	(672133.4, 4100409.6,	167.4,	413.3,	0.0);
(672157.9, 4100410.9,	167.3,	413.3,	0.0);	(672182.4, 4100412.2,	168.2,	413.3,	0.0);
(672206.8, 4100413.5,	167.0,	413.3,	0.0);	(672231.3, 4100414.8,	161.3,	413.3,	0.0);
(670251.1, 4101128.6,	171.1,	417.2,	0.0);	(670240.5, 4101151.1,	174.9,	417.2,	0.0);
(670229.9, 4101173.6,	179.5,	417.2,	0.0);	(670219.2, 4101196.1,	183.4,	417.2,	0.0);
(670208.6, 4101218.6,	186.0,	417.2,	0.0);	(670198.0, 4101241.1,	188.0,	417.2,	0.0);
(670187.4, 4101263.6,	188.8,	417.2,	0.0);	(670176.8, 4101286.1,	184.7,	417.2,	0.0);
(670166.1, 4101308.6,	177.6,	417.2,	0.0);	(670155.5, 4101331.2,	170.6,	417.2,	0.0);
(670144.9, 4101353.7,	167.0,	417.2,	0.0);	(670134.3, 4101376.2,	166.7,	417.2,	0.0);
(670123.7, 4101398.7,	166.7,	417.2,	0.0);	(670113.0, 4101421.2,	166.7,	417.2,	0.0);
(670102.4, 4101443.7,	166.7,	417.2,	0.0);	(670091.8, 4101466.2,	166.7,	417.2,	0.0);
(670081.2, 4101488.7,	166.7,	417.2,	0.0);	(670070.5, 4101511.2,	166.7,	417.2,	0.0);
(670059.9, 4101533.7,	166.7,	417.2,	0.0);	(670049.3, 4101556.2,	166.7,	417.2,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670038.7, 4101578.7,	166.7,	417.2,	0.0);	(670028.1, 4101601.2,	166.7,	417.2,	0.0);
(670017.4, 4101623.7,	166.7,	416.5,	0.0);	(670006.8, 4101646.2,	166.7,	166.7,	0.0);
(669996.2, 4101668.7,	166.7,	166.7,	0.0);	(669985.6, 4101691.2,	166.7,	166.7,	0.0);
(669975.0, 4101713.8,	166.7,	166.7,	0.0);	(669964.3, 4101736.2,	166.7,	166.7,	0.0);
(669953.7, 4101758.8,	166.7,	166.7,	0.0);	(669943.1, 4101781.3,	166.7,	166.7,	0.0);
(669932.5, 4101803.8,	166.7,	166.7,	0.0);	(669921.9, 4101826.3,	166.7,	166.7,	0.0);
(669911.2, 4101848.8,	166.7,	166.7,	0.0);	(669900.6, 4101871.3,	166.7,	166.7,	0.0);
(669890.0, 4101893.8,	166.7,	166.7,	0.0);	(669879.4, 4101916.3,	166.7,	166.7,	0.0);
(669868.8, 4101938.8,	166.7,	166.7,	0.0);	(669858.1, 4101961.3,	166.7,	166.7,	0.0);
(669847.5, 4101983.8,	166.7,	166.7,	0.0);	(669836.9, 4102006.3,	166.7,	166.7,	0.0);
(669826.3, 4102028.8,	166.7,	166.7,	0.0);	(669815.7, 4102051.3,	166.7,	166.7,	0.0);
(669805.0, 4102073.8,	166.7,	166.7,	0.0);	(669794.4, 4102096.3,	166.7,	166.7,	0.0);
(669783.8, 4102118.8,	166.7,	166.7,	0.0);	(669773.2, 4102141.3,	166.7,	166.7,	0.0);
(669762.6, 4102163.9,	166.7,	166.7,	0.0);	(669751.9, 4102186.4,	166.7,	166.7,	0.0);
(669741.3, 4102208.9,	166.7,	166.7,	0.0);	(669730.7, 4102231.4,	166.7,	166.7,	0.0);
(669720.1, 4102253.9,	166.7,	166.7,	0.0);	(669709.5, 4102276.4,	166.7,	166.7,	0.0);
(669698.8, 4102298.9,	166.7,	166.7,	0.0);	(669688.2, 4102321.4,	166.7,	166.7,	0.0);
(669677.6, 4102343.9,	166.7,	166.7,	0.0);	(669667.0, 4102366.4,	166.7,	166.7,	0.0);
(669656.3, 4102388.9,	166.7,	166.7,	0.0);	(669645.7, 4102411.4,	166.7,	166.7,	0.0);
(669635.1, 4102433.9,	166.7,	166.7,	0.0);	(669624.5, 4102456.4,	166.7,	166.7,	0.0);
(669613.9, 4102478.9,	166.7,	166.7,	0.0);	(669603.2, 4102501.4,	166.7,	166.7,	0.0);
(669592.6, 4102523.9,	166.7,	166.7,	0.0);	(669582.0, 4102546.4,	166.7,	166.7,	0.0);
(669571.4, 4102568.9,	166.7,	166.7,	0.0);	(669560.8, 4102591.5,	166.7,	166.7,	0.0);
(669550.1, 4102614.0,	166.7,	166.7,	0.0);	(669539.5, 4102636.5,	166.7,	166.7,	0.0);
(669528.9, 4102659.0,	166.7,	166.7,	0.0);	(669518.3, 4102681.5,	166.7,	166.7,	0.0);
(669507.7, 4102704.0,	166.7,	166.7,	0.0);	(669497.0, 4102726.5,	166.7,	166.7,	0.0);
(669486.4, 4102749.0,	166.7,	166.7,	0.0);	(669475.8, 4102771.5,	166.7,	166.7,	0.0);
(669465.2, 4102794.0,	166.7,	166.7,	0.0);	(669454.6, 4102816.5,	166.7,	166.7,	0.0);
(669443.9, 4102839.0,	166.7,	166.7,	0.0);	(669433.3, 4102861.5,	166.7,	166.7,	0.0);
(669422.7, 4102884.0,	166.7,	166.7,	0.0);	(669412.1, 4102906.5,	166.7,	166.7,	0.0);
(669401.5, 4102929.0,	166.7,	166.7,	0.0);	(669390.8, 4102951.5,	166.7,	166.7,	0.0);
(669380.2, 4102974.0,	166.7,	166.7,	0.0);	(669369.6, 4102996.6,	166.7,	166.7,	0.0);
(669359.0, 4103019.1,	166.7,	166.7,	0.0);	(669348.4, 4103041.6,	166.7,	166.7,	0.0);
(669337.7, 4103064.1,	166.7,	166.7,	0.0);	(669327.1, 4103086.6,	166.7,	166.7,	0.0);
(669316.5, 4103109.1,	166.7,	166.7,	0.0);	(669305.9, 4103131.6,	166.7,	166.7,	0.0);
(669295.2, 4103154.1,	166.7,	166.7,	0.0);	(669284.6, 4103176.6,	166.7,	166.7,	0.0);
(669274.0, 4103199.1,	166.7,	166.7,	0.0);	(669817.3, 4100898.6,	166.7,	417.2,	0.0);
(669835.7, 4100882.0,	166.7,	417.2,	0.0);	(669854.0, 4100865.3,	166.7,	417.2,	0.0);
(669872.4, 4100848.7,	166.7,	417.2,	0.0);	(669890.8, 4100832.1,	166.7,	417.2,	0.0);
(669909.1, 4100815.4,	166.7,	417.2,	0.0);	(669927.5, 4100798.8,	167.7,	417.2,	0.0);
(669945.9, 4100782.2,	172.1,	417.2,	0.0);	(669964.2, 4100765.6,	175.9,	417.2,	0.0);
(669982.6, 4100748.9,	179.6,	417.2,	0.0);	(670001.0, 4100732.3,	181.8,	417.2,	0.0);
(670019.3, 4100715.7,	181.1,	417.2,	0.0);	(670037.7, 4100699.0,	178.2,	417.2,	0.0);
(670056.1, 4100682.4,	173.8,	417.2,	0.0);	(670074.5, 4100665.8,	170.7,	417.2,	0.0);
(670092.8, 4100649.2,	169.0,	417.2,	0.0);	(670111.2, 4100632.5,	167.9,	417.2,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670129.6, 4100615.9,	169.4,	417.2,	0.0);	(670147.9, 4100599.3,	171.8,	417.2,	0.0);
(670166.3, 4100582.7,	174.8,	417.2,	0.0);	(670184.7, 4100566.0,	177.2,	417.2,	0.0);
(670203.0, 4100549.4,	178.5,	417.2,	0.0);	(670221.4, 4100532.8,	178.3,	417.2,	0.0);
(670239.8, 4100516.1,	177.6,	417.2,	0.0);	(670258.1, 4100499.5,	176.1,	417.2,	0.0);
(670276.5, 4100482.9,	172.5,	417.2,	0.0);	(670294.9, 4100466.3,	171.1,	417.2,	0.0);
(670313.2, 4100449.6,	170.4,	417.2,	0.0);	(670331.6, 4100433.0,	167.0,	417.2,	0.0);
(670350.0, 4100416.4,	166.7,	417.2,	0.0);	(670368.4, 4100399.8,	166.7,	417.2,	0.0);
(670386.7, 4100383.1,	166.7,	417.2,	0.0);	(670405.1, 4100366.5,	166.7,	417.2,	0.0);
(670423.5, 4100349.9,	166.7,	417.2,	0.0);	(670441.8, 4100333.2,	166.7,	417.2,	0.0);
(670460.2, 4100316.6,	166.7,	417.2,	0.0);	(670478.6, 4100300.0,	167.1,	417.2,	0.0);
(670496.9, 4100283.3,	171.2,	417.2,	0.0);	(670515.3, 4100266.7,	173.6,	417.2,	0.0);
(670533.7, 4100250.1,	176.3,	417.2,	0.0);	(670552.0, 4100233.5,	178.9,	417.2,	0.0);
(670570.4, 4100216.8,	181.6,	417.2,	0.0);	(670588.8, 4100200.2,	184.3,	417.2,	0.0);
(670607.2, 4100183.6,	186.8,	417.2,	0.0);	(670625.5, 4100166.9,	188.5,	417.2,	0.0);
(670643.9, 4100150.3,	189.5,	417.2,	0.0);	(670662.3, 4100133.7,	190.2,	417.2,	0.0);
(670680.6, 4100117.1,	190.7,	417.2,	0.0);	(670699.0, 4100100.4,	191.3,	417.2,	0.0);
(670717.4, 4100083.8,	192.4,	417.2,	0.0);	(670735.7, 4100067.2,	194.3,	417.2,	0.0);
(670754.1, 4100050.6,	197.0,	417.2,	0.0);	(670772.5, 4100033.9,	200.0,	417.2,	0.0);
(670790.8, 4100017.3,	202.4,	417.2,	0.0);	(670809.2, 4100000.7,	199.9,	417.2,	0.0);
(670827.6, 4099984.0,	197.7,	417.2,	0.0);	(670846.0, 4099967.4,	200.7,	417.2,	0.0);
(670864.3, 4099950.8,	201.5,	417.2,	0.0);	(670882.7, 4099934.2,	210.9,	417.2,	0.0);
(670901.1, 4099917.5,	223.8,	417.2,	0.0);	(670919.4, 4099900.9,	230.9,	417.2,	0.0);
(670962.5, 4099885.6,	245.2,	417.2,	0.0);	(670987.3, 4099886.9,	254.4,	417.2,	0.0);
(671012.0, 4099888.2,	262.8,	417.2,	0.0);	(671036.8, 4099889.5,	269.6,	415.5,	0.0);
(671061.5, 4099890.8,	270.8,	402.5,	0.0);	(671086.2, 4099892.1,	267.7,	402.5,	0.0);
(671111.0, 4099893.4,	260.8,	416.7,	0.0);	(671135.7, 4099894.7,	252.8,	417.2,	0.0);
(671160.5, 4099896.0,	243.1,	417.2,	0.0);	(671185.2, 4099897.3,	235.8,	417.2,	0.0);
(671210.0, 4099898.6,	229.0,	417.2,	0.0);	(671234.7, 4099899.9,	219.9,	417.2,	0.0);
(671259.5, 4099901.2,	216.6,	417.2,	0.0);	(671284.2, 4099902.5,	224.6,	417.2,	0.0);
(671308.9, 4099903.8,	231.4,	417.2,	0.0);	(671333.7, 4099905.1,	237.9,	417.2,	0.0);
(671358.4, 4099906.4,	245.7,	402.5,	0.0);	(671383.2, 4099907.8,	250.2,	402.5,	0.0);
(671407.9, 4099909.0,	250.2,	402.5,	0.0);	(671432.7, 4099910.4,	244.1,	402.5,	0.0);
(671457.4, 4099911.7,	235.5,	402.5,	0.0);	(671482.1, 4099913.0,	227.6,	416.4,	0.0);
(671506.9, 4099914.3,	220.7,	417.2,	0.0);	(671531.6, 4099915.6,	215.4,	417.2,	0.0);
(671556.4, 4099916.9,	208.2,	417.2,	0.0);	(671581.1, 4099918.2,	202.7,	417.2,	0.0);
(671605.9, 4099919.5,	201.6,	417.2,	0.0);	(671630.6, 4099920.8,	200.8,	417.2,	0.0);
(671655.3, 4099922.1,	198.7,	417.2,	0.0);	(671680.1, 4099923.4,	197.3,	417.2,	0.0);
(671704.8, 4099924.7,	197.7,	417.2,	0.0);	(671729.6, 4099926.0,	199.5,	417.2,	0.0);
(671754.3, 4099927.3,	198.9,	417.2,	0.0);	(671779.1, 4099928.6,	194.2,	417.2,	0.0);
(671803.8, 4099929.9,	189.8,	417.2,	0.0);	(671828.5, 4099931.2,	186.5,	417.2,	0.0);
(671853.3, 4099932.5,	183.8,	417.2,	0.0);	(671878.0, 4099933.8,	180.9,	417.2,	0.0);
(671902.8, 4099935.1,	182.8,	417.2,	0.0);	(671927.5, 4099936.4,	186.0,	416.2,	0.0);
(671952.2, 4099937.7,	188.8,	413.3,	0.0);	(671977.0, 4099939.0,	190.7,	413.3,	0.0);
(672001.7, 4099940.3,	191.6,	413.3,	0.0);	(672026.5, 4099941.7,	191.6,	413.3,	0.0);
(672051.2, 4099943.0,	190.8,	413.3,	0.0);	(672076.0, 4099944.3,	189.7,	413.3,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672100.7, 4099945.6,	188.7,	413.3,	0.0);	(672125.5, 4099946.9,	187.4,	413.3,	0.0);
(672150.2, 4099948.2,	185.6,	413.3,	0.0);	(672174.9, 4099949.5,	184.3,	413.3,	0.0);
(672199.7, 4099950.8,	182.3,	413.3,	0.0);	(672224.4, 4099952.1,	178.9,	413.3,	0.0);
(672249.2, 4099953.4,	176.8,	413.3,	0.0);	(672273.9, 4099954.7,	175.4,	413.3,	0.0);
(672298.7, 4099956.0,	174.3,	413.3,	0.0);	(672323.4, 4099957.3,	174.5,	413.3,	0.0);
(672348.1, 4099958.6,	175.3,	413.3,	0.0);	(672372.9, 4099959.9,	175.5,	413.3,	0.0);
(672397.6, 4099961.2,	177.0,	413.3,	0.0);	(672422.4, 4099962.5,	178.9,	413.3,	0.0);
(672447.1, 4099963.8,	180.6,	413.3,	0.0);	(669798.9, 4100915.2,	166.7,	417.2,	0.0);
(669788.3, 4100937.7,	166.7,	417.2,	0.0);	(669777.7, 4100960.2,	166.7,	417.2,	0.0);
(669767.1, 4100982.7,	166.7,	417.2,	0.0);	(669756.4, 4101005.2,	166.7,	417.2,	0.0);
(669745.8, 4101027.8,	166.7,	417.2,	0.0);	(669735.2, 4101050.2,	166.7,	417.2,	0.0);
(669724.6, 4101072.8,	166.7,	417.2,	0.0);	(669714.0, 4101095.3,	166.7,	417.2,	0.0);
(669703.3, 4101117.8,	166.7,	417.2,	0.0);	(669692.7, 4101140.3,	166.7,	417.2,	0.0);
(669682.1, 4101162.8,	166.7,	417.2,	0.0);	(669671.5, 4101185.3,	166.7,	417.2,	0.0);
(669660.9, 4101207.8,	166.7,	417.2,	0.0);	(669650.2, 4101230.3,	166.7,	417.2,	0.0);
(669639.6, 4101252.8,	166.7,	417.2,	0.0);	(669629.0, 4101275.3,	166.7,	417.2,	0.0);
(669618.4, 4101297.8,	166.7,	417.2,	0.0);	(669607.8, 4101320.3,	166.7,	417.2,	0.0);
(669597.1, 4101342.8,	166.7,	417.2,	0.0);	(669586.5, 4101365.3,	166.7,	417.2,	0.0);
(669575.9, 4101387.8,	166.7,	417.2,	0.0);	(669565.3, 4101410.3,	166.7,	417.2,	0.0);
(669554.6, 4101432.8,	166.7,	417.2,	0.0);	(669544.0, 4101455.3,	166.7,	417.2,	0.0);
(669533.4, 4101477.8,	166.7,	417.2,	0.0);	(669522.8, 4101500.4,	166.7,	417.2,	0.0);
(669512.2, 4101522.9,	166.7,	417.2,	0.0);	(669501.5, 4101545.4,	166.7,	417.2,	0.0);
(669490.9, 4101567.9,	166.7,	417.2,	0.0);	(669480.3, 4101590.4,	166.7,	417.2,	0.0);
(669469.7, 4101612.9,	166.7,	416.9,	0.0);	(669459.1, 4101635.4,	166.7,	416.9,	0.0);
(669448.4, 4101657.9,	166.7,	415.5,	0.0);	(669437.8, 4101680.4,	166.7,	166.7,	0.0);
(669427.2, 4101702.9,	166.7,	166.7,	0.0);	(669416.6, 4101725.4,	166.7,	166.7,	0.0);
(669406.0, 4101747.9,	166.7,	166.7,	0.0);	(669395.3, 4101770.4,	166.7,	166.7,	0.0);
(669384.7, 4101792.9,	166.7,	166.7,	0.0);	(669374.1, 4101815.4,	166.7,	166.7,	0.0);
(669363.5, 4101837.9,	166.7,	166.7,	0.0);	(669352.9, 4101860.4,	166.7,	166.7,	0.0);
(669342.2, 4101882.9,	166.7,	166.7,	0.0);	(669331.6, 4101905.5,	166.7,	166.7,	0.0);
(669321.0, 4101928.0,	166.7,	166.7,	0.0);	(669310.4, 4101950.5,	166.7,	166.7,	0.0);
(669299.8, 4101973.0,	166.7,	166.7,	0.0);	(669289.1, 4101995.5,	166.7,	166.7,	0.0);
(669278.5, 4102018.0,	166.7,	166.7,	0.0);	(669267.9, 4102040.5,	166.7,	166.7,	0.0);
(669257.3, 4102063.0,	166.7,	166.7,	0.0);	(669246.7, 4102085.5,	166.7,	166.7,	0.0);
(669236.0, 4102108.0,	166.7,	166.7,	0.0);	(669225.4, 4102130.5,	166.7,	166.7,	0.0);
(669214.8, 4102153.0,	166.7,	166.7,	0.0);	(669204.2, 4102175.5,	166.7,	166.7,	0.0);
(669193.5, 4102198.0,	166.7,	166.7,	0.0);	(669182.9, 4102220.5,	166.7,	166.7,	0.0);
(669172.3, 4102243.0,	166.7,	166.7,	0.0);	(669161.7, 4102265.5,	166.7,	166.7,	0.0);
(669151.1, 4102288.0,	166.7,	166.7,	0.0);	(669140.4, 4102310.6,	166.7,	166.7,	0.0);
(669129.8, 4102333.1,	166.7,	166.7,	0.0);	(669119.2, 4102355.6,	166.7,	166.7,	0.0);
(669108.6, 4102378.1,	166.7,	166.7,	0.0);	(669098.0, 4102400.6,	166.7,	166.7,	0.0);
(669087.3, 4102423.1,	166.7,	166.7,	0.0);	(669076.7, 4102445.6,	166.7,	166.7,	0.0);
(669066.1, 4102468.1,	166.7,	166.7,	0.0);	(669055.5, 4102490.6,	166.7,	166.7,	0.0);
(669044.9, 4102513.1,	166.7,	166.7,	0.0);	(669034.2, 4102535.6,	166.7,	166.7,	0.0);
(669023.6, 4102558.1,	166.7,	166.7,	0.0);	(669013.0, 4102580.6,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(669002.4, 4102603.1,	166.7,	166.7,	0.0);	(668991.8, 4102625.6,	166.7,	166.7,	0.0);
(668981.1, 4102648.1,	166.7,	166.7,	0.0);	(668970.5, 4102670.6,	166.7,	166.7,	0.0);
(668959.9, 4102693.1,	166.7,	166.7,	0.0);	(668949.3, 4102715.6,	166.7,	166.7,	0.0);
(668938.7, 4102738.2,	166.7,	166.7,	0.0);	(668928.0, 4102760.7,	166.7,	166.7,	0.0);
(668917.4, 4102783.2,	166.7,	166.7,	0.0);	(668906.8, 4102805.7,	166.7,	166.7,	0.0);
(668896.2, 4102828.2,	166.7,	166.7,	0.0);	(668885.6, 4102850.7,	166.7,	166.7,	0.0);
(668874.9, 4102873.2,	166.7,	166.7,	0.0);	(668864.3, 4102895.7,	166.7,	166.7,	0.0);
(668853.7, 4102918.2,	166.7,	166.7,	0.0);	(668843.1, 4102940.7,	166.7,	166.7,	0.0);
(668832.5, 4102963.2,	166.7,	166.7,	0.0);	(668821.8, 4102985.7,	166.7,	166.7,	0.0);
(670622.4, 4103862.9,	166.7,	166.7,	0.0);	(670645.1, 4103870.8,	166.7,	166.7,	0.0);
(670667.8, 4103878.6,	166.7,	166.7,	0.0);	(670690.5, 4103886.5,	166.7,	166.7,	0.0);
(670713.3, 4103894.4,	166.7,	166.7,	0.0);	(670736.0, 4103902.3,	167.8,	168.5,	0.0);
(670758.7, 4103910.1,	165.8,	168.5,	0.0);	(670781.5, 4103918.0,	155.9,	168.5,	0.0);
(670804.2, 4103925.9,	145.5,	169.7,	0.0);	(670826.9, 4103933.8,	135.4,	169.9,	0.0);
(670849.6, 4103941.6,	125.7,	169.9,	0.0);	(670872.4, 4103949.5,	113.9,	169.9,	0.0);
(670895.1, 4103957.4,	107.8,	169.9,	0.0);	(670917.8, 4103965.3,	103.5,	169.9,	0.0);
(670940.5, 4103973.1,	99.1,	169.9,	0.0);	(670963.3, 4103981.0,	94.1,	169.9,	0.0);
(670986.0, 4103988.9,	84.8,	169.9,	0.0);	(671008.7, 4103996.8,	74.7,	169.9,	0.0);
(671031.5, 4104004.6,	71.0,	169.9,	0.0);	(671054.2, 4104012.5,	71.0,	169.9,	0.0);
(671076.9, 4104020.4,	71.0,	169.9,	0.0);	(671099.6, 4104028.2,	71.0,	169.9,	0.0);
(671122.4, 4104036.1,	71.0,	169.9,	0.0);	(671145.1, 4104044.0,	71.0,	169.9,	0.0);
(671167.8, 4104051.9,	71.0,	169.9,	0.0);	(671190.5, 4104059.8,	71.0,	169.9,	0.0);
(671213.3, 4104067.6,	71.0,	169.9,	0.0);	(670599.3, 4103872.6,	166.7,	166.7,	0.0);
(670636.9, 4103894.4,	166.7,	166.7,	0.0);	(670659.6, 4103902.3,	166.7,	166.7,	0.0);
(670682.4, 4103910.1,	166.7,	166.7,	0.0);	(670705.1, 4103918.0,	166.7,	166.7,	0.0);
(670727.8, 4103925.9,	168.2,	168.2,	0.0);	(670750.5, 4103933.8,	164.0,	168.5,	0.0);
(670773.3, 4103941.6,	153.7,	168.5,	0.0);	(670796.0, 4103949.5,	143.2,	169.7,	0.0);
(670818.7, 4103957.4,	133.2,	169.9,	0.0);	(670841.4, 4103965.3,	123.4,	169.9,	0.0);
(670864.2, 4103973.1,	112.1,	169.9,	0.0);	(670886.9, 4103981.0,	107.1,	169.9,	0.0);
(670909.6, 4103988.9,	103.2,	169.9,	0.0);	(670932.4, 4103996.8,	98.9,	169.9,	0.0);
(670955.1, 4104004.6,	92.1,	169.9,	0.0);	(670977.8, 4104012.5,	79.7,	169.9,	0.0);
(671000.5, 4104020.4,	71.3,	169.9,	0.0);	(671023.3, 4104028.2,	71.0,	169.9,	0.0);
(671046.0, 4104036.1,	71.0,	169.9,	0.0);	(671068.7, 4104044.0,	71.0,	169.9,	0.0);
(671091.4, 4104051.9,	71.0,	169.9,	0.0);	(671114.2, 4104059.8,	71.0,	169.9,	0.0);
(671136.9, 4104067.6,	71.0,	169.9,	0.0);	(671159.6, 4104075.5,	71.0,	169.9,	0.0);
(671182.4, 4104083.4,	71.0,	169.9,	0.0);	(671205.1, 4104091.2,	71.0,	169.9,	0.0);
(670591.1, 4103896.2,	166.7,	166.7,	0.0);	(670561.8, 4103848.0,	166.7,	166.7,	0.0);
(670628.7, 4103918.0,	166.7,	166.7,	0.0);	(670651.4, 4103925.9,	166.7,	166.7,	0.0);
(670674.2, 4103933.8,	166.7,	166.7,	0.0);	(670696.9, 4103941.6,	166.6,	166.6,	0.0);
(670719.6, 4103949.5,	168.1,	168.1,	0.0);	(670742.4, 4103957.4,	161.9,	168.5,	0.0);
(670765.1, 4103965.3,	151.4,	168.5,	0.0);	(670787.8, 4103973.1,	141.1,	169.7,	0.0);
(670810.5, 4103981.0,	131.1,	169.9,	0.0);	(670833.3, 4103988.9,	120.6,	169.9,	0.0);
(670856.0, 4103996.8,	110.7,	169.9,	0.0);	(670878.7, 4104004.6,	107.1,	169.9,	0.0);
(670901.4, 4104012.5,	103.6,	169.9,	0.0);	(670924.2, 4104020.4,	100.3,	169.9,	0.0);
(670946.9, 4104028.2,	93.5,	169.9,	0.0);	(670969.6, 4104036.1,	79.2,	169.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670992.4, 4104044.0,	71.1,	169.9,	0.0);	(671015.1, 4104051.9,	71.0,	169.9,	0.0);
(671037.8, 4104059.8,	71.0,	169.9,	0.0);	(671060.5, 4104067.6,	71.0,	169.9,	0.0);
(671083.3, 4104075.5,	71.0,	169.9,	0.0);	(671106.0, 4104083.4,	71.0,	169.9,	0.0);
(671128.7, 4104091.2,	71.0,	169.9,	0.0);	(671151.4, 4104099.1,	71.0,	169.9,	0.0);
(671174.2, 4104107.0,	71.0,	169.9,	0.0);	(671196.9, 4104114.9,	71.0,	169.9,	0.0);
(670582.9, 4103919.8,	166.7,	166.7,	0.0);	(670553.2, 4103892.0,	166.7,	166.7,	0.0);
(670538.8, 4103857.7,	166.7,	166.7,	0.0);	(670620.5, 4103941.6,	166.7,	166.7,	0.0);
(670643.3, 4103949.5,	166.7,	166.7,	0.0);	(670666.0, 4103957.4,	166.7,	166.7,	0.0);
(670688.7, 4103965.3,	166.7,	168.4,	0.0);	(670711.4, 4103973.1,	167.5,	167.5,	0.0);
(670734.2, 4103981.0,	159.6,	168.5,	0.0);	(670756.9, 4103988.9,	149.1,	168.5,	0.0);
(670779.6, 4103996.8,	139.2,	169.7,	0.0);	(670802.4, 4104004.6,	128.9,	169.9,	0.0);
(670825.1, 4104012.5,	118.0,	169.9,	0.0);	(670847.8, 4104020.4,	110.9,	169.9,	0.0);
(670870.5, 4104028.2,	108.5,	169.9,	0.0);	(670893.3, 4104036.1,	106.0,	169.9,	0.0);
(670916.0, 4104044.0,	103.2,	169.9,	0.0);	(670938.7, 4104051.9,	94.5,	169.9,	0.0);
(670961.4, 4104059.8,	82.1,	169.9,	0.0);	(670984.2, 4104067.6,	73.1,	169.9,	0.0);
(671006.9, 4104075.5,	70.9,	169.9,	0.0);	(671029.6, 4104083.4,	71.0,	169.9,	0.0);
(671052.4, 4104091.2,	71.0,	169.9,	0.0);	(671075.1, 4104099.1,	71.0,	169.9,	0.0);
(671097.8, 4104107.0,	71.0,	169.9,	0.0);	(671120.5, 4104114.9,	71.0,	169.9,	0.0);
(671143.3, 4104122.7,	71.0,	169.9,	0.0);	(671166.0, 4104130.6,	71.0,	169.9,	0.0);
(671188.7, 4104138.5,	71.0,	169.9,	0.0);	(670566.6, 4103967.1,	166.7,	166.7,	0.0);
(670536.9, 4103939.2,	166.7,	166.7,	0.0);	(670507.1, 4103911.4,	166.7,	166.7,	0.0);
(670492.7, 4103877.1,	166.7,	166.7,	0.0);	(670493.6, 4103836.3,	166.7,	166.7,	0.0);
(670604.2, 4103988.9,	166.7,	166.7,	0.0);	(670626.9, 4103996.8,	166.7,	166.7,	0.0);
(670649.6, 4104004.6,	166.7,	166.7,	0.0);	(670672.3, 4104012.5,	168.0,	168.0,	0.0);
(670695.1, 4104020.4,	165.1,	168.5,	0.0);	(670717.8, 4104028.2,	154.7,	168.5,	0.0);
(670740.5, 4104036.1,	144.9,	168.5,	0.0);	(670763.2, 4104044.0,	135.1,	169.7,	0.0);
(670786.0, 4104051.9,	126.7,	169.9,	0.0);	(670808.7, 4104059.8,	122.2,	169.9,	0.0);
(670831.4, 4104067.6,	119.5,	169.9,	0.0);	(670854.2, 4104075.5,	117.6,	169.9,	0.0);
(670876.9, 4104083.4,	114.8,	169.9,	0.0);	(670899.6, 4104091.2,	105.4,	169.9,	0.0);
(670922.3, 4104099.1,	97.1,	169.9,	0.0);	(670945.1, 4104107.0,	87.8,	169.9,	0.0);
(670967.8, 4104114.9,	76.1,	169.9,	0.0);	(670990.5, 4104122.7,	72.8,	169.9,	0.0);
(671013.2, 4104130.6,	71.0,	169.9,	0.0);	(671036.0, 4104138.5,	71.0,	169.9,	0.0);
(671058.7, 4104146.4,	71.0,	169.9,	0.0);	(671081.4, 4104154.2,	71.0,	169.9,	0.0);
(671104.2, 4104162.1,	71.0,	169.9,	0.0);	(671126.9, 4104170.0,	71.0,	169.9,	0.0);
(671149.6, 4104177.9,	71.0,	169.9,	0.0);	(671172.3, 4104185.7,	71.0,	169.9,	0.0);
(670548.1, 4104012.3,	166.7,	166.7,	0.0);	(670531.1, 4103996.4,	166.7,	166.7,	0.0);
(670514.1, 4103980.5,	166.7,	166.7,	0.0);	(670497.1, 4103964.6,	166.7,	166.7,	0.0);
(670480.2, 4103948.6,	166.7,	166.7,	0.0);	(670463.2, 4103932.7,	166.7,	166.7,	0.0);
(670446.7, 4103893.5,	166.7,	166.7,	0.0);	(670447.2, 4103870.3,	166.7,	166.7,	0.0);
(670447.7, 4103847.0,	166.7,	166.7,	0.0);	(670448.2, 4103823.7,	166.7,	166.7,	0.0);
(670448.7, 4103800.5,	166.7,	166.7,	0.0);	(670449.2, 4103777.2,	166.7,	166.7,	0.0);
(670565.1, 4104028.2,	166.7,	166.7,	0.0);	(670587.8, 4104036.1,	166.7,	166.7,	0.0);
(670610.5, 4104044.0,	166.7,	166.7,	0.0);	(670633.2, 4104051.9,	166.7,	166.7,	0.0);
(670656.0, 4104059.8,	168.0,	168.0,	0.0);	(670678.7, 4104067.6,	161.5,	168.5,	0.0);
(670701.4, 4104075.5,	151.4,	168.5,	0.0);	(670724.2, 4104083.4,	144.3,	168.5,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670746.9, 4104091.2,	138.9,	168.5,	0.0);	(670769.6, 4104099.1,	135.9,	168.5,	0.0);
(670792.3, 4104107.0,	132.0,	169.7,	0.0);	(670815.1, 4104114.9,	126.1,	169.7,	0.0);
(670837.8, 4104122.7,	116.7,	169.9,	0.0);	(670860.5, 4104130.6,	105.0,	169.9,	0.0);
(670883.2, 4104138.5,	94.5,	169.9,	0.0);	(670906.0, 4104146.4,	84.0,	169.9,	0.0);
(670928.7, 4104154.2,	74.4,	169.9,	0.0);	(670951.4, 4104162.1,	72.7,	169.9,	0.0);
(670974.2, 4104170.0,	71.2,	169.9,	0.0);	(670996.9, 4104177.9,	71.0,	169.9,	0.0);
(671019.6, 4104185.7,	71.0,	169.9,	0.0);	(671042.3, 4104193.6,	71.0,	169.9,	0.0);
(671065.1, 4104201.5,	71.0,	169.9,	0.0);	(671087.8, 4104209.4,	71.0,	169.9,	0.0);
(671110.5, 4104217.2,	71.0,	169.9,	0.0);	(671133.2, 4104225.1,	71.0,	169.9,	0.0);
(671156.0, 4104233.0,	71.0,	169.9,	0.0);	(670532.2, 4104060.0,	166.7,	166.7,	0.0);
(670515.7, 4104044.5,	166.7,	166.7,	0.0);	(670499.2, 4104029.1,	166.7,	166.7,	0.0);
(670482.7, 4104013.6,	166.7,	166.7,	0.0);	(670466.1, 4103998.1,	166.7,	166.7,	0.0);
(670433.1, 4103967.2,	166.7,	166.7,	0.0);	(670416.6, 4103951.7,	166.7,	166.7,	0.0);
(670400.6, 4103913.6,	166.7,	166.7,	0.0);	(670401.1, 4103890.9,	166.7,	166.7,	0.0);
(670401.6, 4103868.3,	166.7,	166.7,	0.0);	(670402.0, 4103845.7,	166.7,	166.7,	0.0);
(670402.5, 4103823.1,	166.7,	166.7,	0.0);	(670403.0, 4103800.4,	166.7,	166.7,	0.0);
(670403.5, 4103777.8,	166.7,	166.7,	0.0);	(670404.0, 4103755.2,	166.7,	166.7,	0.0);
(670548.7, 4104075.5,	166.7,	166.7,	0.0);	(670571.4, 4104083.4,	166.7,	166.7,	0.0);
(670594.2, 4104091.2,	166.7,	166.7,	0.0);	(670616.9, 4104099.1,	167.1,	167.6,	0.0);
(670639.6, 4104107.0,	165.9,	168.2,	0.0);	(670662.3, 4104114.9,	157.9,	168.5,	0.0);
(670685.1, 4104122.7,	154.2,	168.5,	0.0);	(670707.8, 4104130.6,	151.8,	168.5,	0.0);
(670730.5, 4104138.5,	145.5,	168.5,	0.0);	(670753.2, 4104146.4,	139.0,	168.5,	0.0);
(670776.0, 4104154.2,	132.4,	168.7,	0.0);	(670798.7, 4104162.1,	122.2,	169.7,	0.0);
(670821.4, 4104170.0,	109.8,	169.9,	0.0);	(670844.2, 4104177.9,	98.7,	169.9,	0.0);
(670866.9, 4104185.7,	84.8,	169.9,	0.0);	(670889.6, 4104193.6,	74.0,	169.9,	0.0);
(670912.3, 4104201.5,	72.9,	169.9,	0.0);	(670935.1, 4104209.4,	71.5,	169.9,	0.0);
(670957.8, 4104217.2,	71.0,	169.9,	0.0);	(670980.5, 4104225.1,	71.0,	169.9,	0.0);
(671003.2, 4104233.0,	71.0,	169.9,	0.0);	(671026.0, 4104240.8,	71.0,	169.9,	0.0);
(671048.7, 4104248.7,	71.0,	169.9,	0.0);	(671071.4, 4104256.6,	71.0,	169.9,	0.0);
(671094.2, 4104264.5,	71.0,	169.9,	0.0);	(671116.9, 4104272.3,	71.0,	169.9,	0.0);
(671139.6, 4104280.2,	71.0,	169.9,	0.0);	(670504.9, 4104138.8,	166.7,	166.7,	0.0);
(670488.4, 4104123.3,	166.7,	166.7,	0.0);	(670471.9, 4104107.8,	166.7,	166.7,	0.0);
(670455.4, 4104092.3,	166.7,	166.7,	0.0);	(670438.9, 4104076.8,	166.7,	166.7,	0.0);
(670405.8, 4104045.9,	166.7,	166.7,	0.0);	(670389.3, 4104030.4,	166.7,	166.7,	0.0);
(670372.8, 4104014.9,	166.7,	166.7,	0.0);	(670356.3, 4103999.5,	166.7,	166.7,	0.0);
(670339.8, 4103984.0,	166.7,	166.7,	0.0);	(670323.8, 4103945.9,	166.7,	166.7,	0.0);
(670324.2, 4103923.3,	166.7,	166.7,	0.0);	(670324.7, 4103900.6,	166.7,	166.7,	0.0);
(670325.2, 4103878.0,	166.7,	166.7,	0.0);	(670325.7, 4103855.4,	166.7,	166.7,	0.0);
(670326.2, 4103832.8,	166.7,	166.7,	0.0);	(670326.7, 4103810.1,	166.7,	166.7,	0.0);
(670327.2, 4103787.5,	166.7,	166.7,	0.0);	(670327.6, 4103764.9,	166.7,	166.7,	0.0);
(670328.1, 4103742.3,	166.7,	166.7,	0.0);	(670328.6, 4103719.6,	166.7,	166.7,	0.0);
(670521.4, 4104154.2,	166.7,	166.7,	0.0);	(670544.1, 4104162.1,	166.7,	166.7,	0.0);
(670566.9, 4104170.0,	166.8,	166.8,	0.0);	(670589.6, 4104177.9,	167.1,	167.1,	0.0);
(670612.3, 4104185.7,	159.8,	167.9,	0.0);	(670635.1, 4104193.6,	156.8,	168.4,	0.0);
(670657.8, 4104201.5,	153.6,	168.4,	0.0);	(670680.5, 4104209.3,	147.0,	168.6,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670703.2, 4104217.2,	138.7,	168.9,	0.0);	(670726.0, 4104225.1,	132.3,	168.9,	0.0);
(670748.7, 4104233.0,	126.4,	168.9,	0.0);	(670771.4, 4104240.8,	121.1,	169.7,	0.0);
(670794.1, 4104248.7,	116.2,	169.7,	0.0);	(670816.9, 4104256.6,	106.3,	169.9,	0.0);
(670839.6, 4104264.5,	94.5,	169.9,	0.0);	(670862.3, 4104272.3,	80.8,	169.9,	0.0);
(670885.1, 4104280.2,	73.2,	169.9,	0.0);	(670907.8, 4104288.1,	72.2,	169.9,	0.0);
(670930.5, 4104296.0,	71.0,	169.9,	0.0);	(670953.2, 4104303.8,	71.0,	169.9,	0.0);
(670976.0, 4104311.7,	71.0,	169.9,	0.0);	(670998.7, 4104319.6,	71.0,	169.9,	0.0);
(671021.4, 4104327.5,	71.0,	169.9,	0.0);	(671044.1, 4104335.3,	71.0,	169.9,	0.0);
(671066.9, 4104343.2,	71.0,	169.9,	0.0);	(671089.6, 4104351.1,	71.7,	169.9,	0.0);
(671112.3, 4104359.0,	74.5,	169.9,	0.0);	(670477.6, 4104217.5,	166.7,	166.7,	0.0);
(670461.1, 4104202.0,	166.7,	166.7,	0.0);	(670444.6, 4104186.5,	166.7,	166.7,	0.0);
(670428.1, 4104171.1,	166.7,	166.7,	0.0);	(670411.6, 4104155.6,	166.7,	166.7,	0.0);
(670395.1, 4104140.1,	166.7,	166.7,	0.0);	(670362.1, 4104109.2,	166.7,	166.7,	0.0);
(670345.5, 4104093.7,	166.7,	166.7,	0.0);	(670329.0, 4104078.2,	166.7,	166.7,	0.0);
(670312.5, 4104062.7,	166.7,	166.7,	0.0);	(670296.0, 4104047.3,	166.7,	166.7,	0.0);
(670279.5, 4104031.8,	166.7,	166.7,	0.0);	(670263.0, 4104016.3,	166.7,	166.7,	0.0);
(670247.0, 4103978.2,	166.7,	166.7,	0.0);	(670247.4, 4103955.6,	166.7,	166.7,	0.0);
(670247.9, 4103932.9,	166.7,	166.7,	0.0);	(670248.4, 4103910.3,	166.7,	166.7,	0.0);
(670248.9, 4103887.7,	166.7,	166.7,	0.0);	(670249.4, 4103865.1,	166.7,	166.7,	0.0);
(670249.9, 4103842.4,	166.7,	166.7,	0.0);	(670250.3, 4103819.8,	166.7,	166.7,	0.0);
(670250.8, 4103797.2,	166.7,	166.7,	0.0);	(670251.3, 4103774.6,	166.7,	166.7,	0.0);
(670251.8, 4103751.9,	166.7,	166.7,	0.0);	(670252.3, 4103729.3,	166.7,	166.7,	0.0);
(670252.8, 4103706.7,	166.7,	166.7,	0.0);	(670253.2, 4103684.1,	166.7,	166.7,	0.0);
(670494.1, 4104233.0,	166.7,	166.7,	0.0);	(670516.9, 4104240.8,	166.7,	166.7,	0.0);
(670539.6, 4104248.7,	167.7,	167.7,	0.0);	(670562.3, 4104256.6,	162.2,	168.2,	0.0);
(670585.0, 4104264.5,	153.4,	168.7,	0.0);	(670607.8, 4104272.3,	148.4,	168.9,	0.0);
(670630.5, 4104280.2,	146.4,	168.9,	0.0);	(670653.2, 4104288.1,	145.5,	168.9,	0.0);
(670676.0, 4104296.0,	142.4,	168.9,	0.0);	(670698.7, 4104303.8,	137.4,	168.9,	0.0);
(670721.4, 4104311.7,	133.7,	168.9,	0.0);	(670744.1, 4104319.6,	129.4,	168.9,	0.0);
(670766.9, 4104327.5,	123.2,	168.9,	0.0);	(670789.6, 4104335.3,	112.8,	168.9,	0.0);
(670812.3, 4104343.2,	101.1,	169.8,	0.0);	(670835.0, 4104351.1,	90.6,	169.9,	0.0);
(670857.8, 4104359.0,	82.4,	169.9,	0.0);	(670880.5, 4104366.8,	75.6,	169.9,	0.0);
(670903.2, 4104374.7,	71.9,	169.9,	0.0);	(670926.0, 4104382.6,	72.6,	169.9,	0.0);
(670948.7, 4104390.5,	74.5,	169.9,	0.0);	(670971.4, 4104398.3,	77.7,	169.9,	0.0);
(670994.1, 4104406.2,	81.9,	169.9,	0.0);	(671016.9, 4104414.1,	86.0,	169.9,	0.0);
(671039.6, 4104422.0,	84.5,	169.9,	0.0);	(671062.3, 4104429.8,	82.6,	169.9,	0.0);
(671085.0, 4104437.7,	82.5,	169.9,	0.0);	(670449.4, 4104295.3,	166.7,	166.7,	0.0);
(670431.9, 4104278.9,	166.7,	166.7,	0.0);	(670414.4, 4104262.6,	166.7,	166.7,	0.0);
(670396.9, 4104246.2,	166.7,	166.7,	0.0);	(670379.4, 4104229.8,	166.7,	166.7,	0.0);
(670362.0, 4104213.4,	166.7,	166.7,	0.0);	(670344.5, 4104197.0,	166.7,	166.7,	0.0);
(670327.0, 4104180.6,	166.7,	166.7,	0.0);	(670309.5, 4104164.2,	166.7,	166.7,	0.0);
(670292.0, 4104147.8,	166.7,	166.7,	0.0);	(670274.6, 4104131.5,	166.7,	166.7,	0.0);
(670257.1, 4104115.1,	166.7,	166.7,	0.0);	(670239.6, 4104098.7,	166.7,	166.7,	0.0);
(670222.1, 4104082.3,	166.7,	166.7,	0.0);	(670204.6, 4104065.9,	166.7,	166.7,	0.0);
(670187.1, 4104049.5,	166.7,	166.7,	0.0);	(670170.2, 4104009.2,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(670170.7, 4103985.2,	166.7,	166.7,	0.0);	(670171.2, 4103961.3,	166.7,	166.7,	0.0);
(670171.7, 4103937.3,	166.7,	166.7,	0.0);	(670172.2, 4103913.4,	166.7,	166.7,	0.0);
(670172.7, 4103889.4,	166.7,	166.7,	0.0);	(670173.2, 4103865.4,	166.7,	166.7,	0.0);
(670173.8, 4103841.5,	166.7,	166.7,	0.0);	(670174.3, 4103817.5,	166.7,	166.7,	0.0);
(670174.8, 4103793.6,	166.7,	166.7,	0.0);	(670175.3, 4103769.6,	166.7,	166.7,	0.0);
(670175.8, 4103745.7,	166.7,	166.7,	0.0);	(670176.3, 4103721.7,	166.7,	166.7,	0.0);
(670176.8, 4103697.8,	166.7,	166.7,	0.0);	(670177.3, 4103673.8,	166.7,	166.7,	0.0);
(670177.9, 4103649.8,	166.7,	166.7,	0.0);	(670466.9, 4104311.7,	166.7,	166.7,	0.0);
(670489.6, 4104319.6,	168.1,	168.6,	0.0);	(670512.3, 4104327.5,	165.1,	168.7,	0.0);
(670535.0, 4104335.3,	154.3,	168.9,	0.0);	(670557.8, 4104343.2,	144.0,	168.9,	0.0);
(670580.5, 4104351.1,	133.5,	168.9,	0.0);	(670603.2, 4104359.0,	127.6,	168.9,	0.0);
(670625.9, 4104366.8,	127.7,	168.9,	0.0);	(670648.7, 4104374.7,	126.7,	168.9,	0.0);
(670671.4, 4104382.6,	125.4,	168.9,	0.0);	(670694.1, 4104390.5,	122.6,	168.9,	0.0);
(670716.9, 4104398.3,	119.4,	168.9,	0.0);	(670739.6, 4104406.2,	116.7,	168.9,	0.0);
(670762.3, 4104414.1,	114.3,	168.9,	0.0);	(670785.0, 4104422.0,	111.1,	168.9,	0.0);
(670807.8, 4104429.8,	107.4,	168.9,	0.0);	(670830.5, 4104437.7,	103.4,	168.9,	0.0);
(670853.2, 4104445.6,	99.1,	169.7,	0.0);	(670875.9, 4104453.4,	96.1,	169.7,	0.0);
(670898.7, 4104461.3,	93.6,	169.7,	0.0);	(670921.4, 4104469.2,	91.9,	169.7,	0.0);
(670944.1, 4104477.1,	90.0,	169.7,	0.0);	(670966.9, 4104484.9,	88.2,	169.7,	0.0);
(670989.6, 4104492.8,	86.8,	169.7,	0.0);	(671012.3, 4104500.7,	85.8,	169.7,	0.0);
(671035.0, 4104508.6,	85.6,	169.7,	0.0);	(671057.8, 4104516.4,	86.0,	169.7,	0.0);
(670367.9, 4104531.9,	167.7,	167.7,	0.0);	(670350.7, 4104515.8,	166.7,	166.7,	0.0);
(670333.6, 4104499.7,	166.7,	166.7,	0.0);	(670316.4, 4104483.6,	166.7,	166.7,	0.0);
(670299.3, 4104467.6,	166.7,	166.7,	0.0);	(670282.1, 4104451.5,	166.7,	166.7,	0.0);
(670265.0, 4104435.4,	166.7,	166.7,	0.0);	(670247.8, 4104419.4,	166.7,	166.7,	0.0);
(670230.7, 4104403.3,	166.7,	166.7,	0.0);	(670213.6, 4104387.2,	166.7,	166.7,	0.0);
(670196.4, 4104371.1,	166.7,	166.7,	0.0);	(670179.3, 4104355.1,	166.7,	166.7,	0.0);
(670162.1, 4104339.0,	166.7,	166.7,	0.0);	(670145.0, 4104322.9,	166.7,	166.7,	0.0);
(670127.8, 4104306.9,	166.7,	166.7,	0.0);	(670110.7, 4104290.8,	166.7,	166.7,	0.0);
(670093.5, 4104274.7,	166.7,	166.7,	0.0);	(670076.4, 4104258.6,	166.7,	166.7,	0.0);
(670059.2, 4104242.6,	166.7,	166.7,	0.0);	(670042.1, 4104226.5,	166.7,	166.7,	0.0);
(670024.9, 4104210.4,	166.7,	166.7,	0.0);	(670007.8, 4104194.4,	166.7,	166.7,	0.0);
(669990.7, 4104178.3,	166.7,	166.7,	0.0);	(669973.5, 4104162.2,	166.7,	166.7,	0.0);
(669956.4, 4104146.1,	166.7,	166.7,	0.0);	(669939.7, 4104106.6,	166.7,	166.7,	0.0);
(669940.2, 4104083.1,	166.7,	166.7,	0.0);	(669940.7, 4104059.6,	166.7,	166.7,	0.0);
(669941.2, 4104036.1,	166.7,	166.7,	0.0);	(669941.7, 4104012.6,	166.7,	166.7,	0.0);
(669942.2, 4103989.1,	166.7,	166.7,	0.0);	(669942.7, 4103965.6,	166.7,	166.7,	0.0);
(669943.2, 4103942.1,	166.7,	166.7,	0.0);	(669943.7, 4103918.6,	166.7,	166.7,	0.0);
(669944.2, 4103895.1,	166.7,	166.7,	0.0);	(669944.7, 4103871.6,	166.7,	166.7,	0.0);
(669945.2, 4103848.1,	166.7,	166.7,	0.0);	(669945.7, 4103824.6,	166.7,	166.7,	0.0);
(669946.2, 4103801.1,	166.7,	166.7,	0.0);	(669946.8, 4103777.6,	166.7,	166.7,	0.0);
(669947.2, 4103754.1,	166.7,	166.7,	0.0);	(669947.8, 4103730.6,	166.7,	166.7,	0.0);
(669948.2, 4103707.1,	166.7,	166.7,	0.0);	(669948.8, 4103683.7,	166.7,	166.7,	0.0);
(669949.3, 4103660.2,	166.7,	166.7,	0.0);	(669949.8, 4103636.7,	166.7,	166.7,	0.0);
(669950.3, 4103613.2,	166.7,	166.7,	0.0);	(669950.8, 4103589.7,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(669951.3, 4103566.2,	166.7,	166.7,	0.0);	(669951.8, 4103542.7,	166.7,	166.7,	0.0);
(670385.0, 4104547.9,	163.4,	168.2,	0.0);	(670407.7, 4104555.8,	153.0,	168.7,	0.0);
(670430.5, 4104563.7,	142.3,	168.9,	0.0);	(670453.2, 4104571.6,	131.9,	168.9,	0.0);
(670475.9, 4104579.4,	124.7,	168.9,	0.0);	(670498.7, 4104587.3,	119.9,	168.9,	0.0);
(670521.4, 4104595.2,	117.1,	168.9,	0.0);	(670544.1, 4104603.1,	115.5,	168.9,	0.0);
(670566.8, 4104610.9,	115.0,	168.9,	0.0);	(670589.6, 4104618.8,	114.3,	168.9,	0.0);
(670612.3, 4104626.7,	113.0,	168.9,	0.0);	(670635.0, 4104634.6,	109.9,	168.9,	0.0);
(670657.7, 4104642.4,	105.7,	168.9,	0.0);	(670680.5, 4104650.3,	101.8,	168.9,	0.0);
(670703.2, 4104658.2,	98.5,	168.9,	0.0);	(670725.9, 4104666.0,	96.9,	168.9,	0.0);
(670748.7, 4104673.9,	95.3,	168.9,	0.0);	(670771.4, 4104681.8,	93.8,	168.9,	0.0);
(670794.1, 4104689.7,	93.7,	168.9,	0.0);	(670816.8, 4104697.5,	94.0,	168.9,	0.0);
(670839.6, 4104705.4,	94.0,	168.9,	0.0);	(670862.3, 4104713.3,	93.4,	168.9,	0.0);
(670885.0, 4104721.2,	92.6,	168.9,	0.0);	(670907.7, 4104729.0,	91.2,	168.9,	0.0);
(670930.5, 4104736.9,	89.4,	168.9,	0.0);	(670953.2, 4104744.8,	88.6,	168.9,	0.0);
(670975.9, 4104752.7,	87.9,	168.9,	0.0);	(670285.7, 4104767.8,	143.5,	168.9,	0.0);
(670268.2, 4104751.4,	154.4,	168.9,	0.0);	(670250.7, 4104735.0,	165.0,	168.0,	0.0);
(670233.2, 4104718.6,	167.0,	167.0,	0.0);	(670215.8, 4104702.2,	166.7,	166.7,	0.0);
(670198.3, 4104685.8,	166.7,	166.7,	0.0);	(670180.8, 4104669.5,	166.7,	166.7,	0.0);
(670163.3, 4104653.1,	166.7,	166.7,	0.0);	(670145.8, 4104636.7,	166.7,	166.7,	0.0);
(670128.3, 4104620.3,	166.7,	166.7,	0.0);	(670110.9, 4104603.9,	166.7,	166.7,	0.0);
(670093.4, 4104587.5,	166.7,	166.7,	0.0);	(670075.9, 4104571.1,	166.7,	166.7,	0.0);
(670058.4, 4104554.8,	166.7,	166.7,	0.0);	(670040.9, 4104538.4,	166.7,	166.7,	0.0);
(670023.5, 4104522.0,	166.7,	166.7,	0.0);	(670006.0, 4104505.6,	166.7,	166.7,	0.0);
(669988.5, 4104489.2,	166.7,	166.7,	0.0);	(669971.0, 4104472.8,	166.7,	166.7,	0.0);
(669953.5, 4104456.4,	166.7,	166.7,	0.0);	(669936.0, 4104440.0,	166.7,	166.7,	0.0);
(669918.6, 4104423.6,	166.7,	166.7,	0.0);	(669901.1, 4104407.3,	166.7,	166.7,	0.0);
(669883.6, 4104390.9,	166.7,	166.7,	0.0);	(669866.1, 4104374.5,	166.7,	166.7,	0.0);
(669848.6, 4104358.1,	166.7,	166.7,	0.0);	(669831.2, 4104341.7,	166.7,	166.7,	0.0);
(669813.7, 4104325.3,	166.7,	166.7,	0.0);	(669796.2, 4104308.9,	166.7,	166.7,	0.0);
(669778.7, 4104292.5,	166.7,	166.7,	0.0);	(669761.2, 4104276.2,	166.7,	166.7,	0.0);
(669743.7, 4104259.8,	166.7,	166.7,	0.0);	(669726.2, 4104243.4,	166.7,	166.7,	0.0);
(669709.3, 4104203.0,	166.7,	166.7,	0.0);	(669709.8, 4104179.1,	166.7,	166.7,	0.0);
(669710.3, 4104155.1,	166.7,	166.7,	0.0);	(669710.8, 4104131.2,	166.7,	166.7,	0.0);
(669711.3, 4104107.2,	166.7,	166.7,	0.0);	(669711.8, 4104083.3,	166.7,	166.7,	0.0);
(669712.4, 4104059.3,	166.7,	166.7,	0.0);	(669712.9, 4104035.4,	166.7,	166.7,	0.0);
(669713.4, 4104011.4,	166.7,	166.7,	0.0);	(669713.9, 4103987.4,	166.7,	166.7,	0.0);
(669714.4, 4103963.5,	166.7,	166.7,	0.0);	(669714.9, 4103939.5,	166.7,	166.7,	0.0);
(669715.4, 4103915.6,	166.7,	166.7,	0.0);	(669715.9, 4103891.6,	166.7,	166.7,	0.0);
(669716.5, 4103867.7,	166.7,	166.7,	0.0);	(669717.0, 4103843.7,	166.7,	166.7,	0.0);
(669717.5, 4103819.8,	166.7,	166.7,	0.0);	(669718.0, 4103795.8,	166.7,	166.7,	0.0);
(669718.5, 4103771.8,	166.7,	166.7,	0.0);	(669719.0, 4103747.9,	166.7,	166.7,	0.0);
(669719.5, 4103723.9,	166.7,	166.7,	0.0);	(669720.0, 4103700.0,	166.7,	166.7,	0.0);
(669720.6, 4103676.0,	166.7,	166.7,	0.0);	(669721.1, 4103652.1,	166.7,	166.7,	0.0);
(669721.6, 4103628.1,	166.7,	166.7,	0.0);	(669722.1, 4103604.1,	166.7,	166.7,	0.0);
(669722.6, 4103580.2,	166.7,	166.7,	0.0);	(669723.1, 4103556.2,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(669723.6, 4103532.3,	166.7,	166.7,	0.0);	(669724.1, 4103508.3,	166.7,	166.7,	0.0);
(669724.7, 4103484.4,	166.7,	166.7,	0.0);	(669725.2, 4103460.4,	166.7,	166.7,	0.0);
(669725.7, 4103436.4,	166.7,	166.7,	0.0);	(670303.2, 4104784.2,	134.1,	169.0,	0.0);
(670325.9, 4104792.0,	128.3,	169.0,	0.0);	(670348.6, 4104799.9,	129.1,	169.0,	0.0);
(670371.4, 4104807.8,	130.0,	169.0,	0.0);	(670394.1, 4104815.7,	129.6,	169.0,	0.0);
(670416.8, 4104823.5,	127.6,	169.0,	0.0);	(670439.5, 4104831.4,	126.3,	168.9,	0.0);
(670462.3, 4104839.3,	124.8,	168.9,	0.0);	(670485.0, 4104847.2,	122.7,	168.9,	0.0);
(670507.7, 4104855.0,	120.5,	168.9,	0.0);	(670530.4, 4104862.9,	116.2,	169.0,	0.0);
(670553.2, 4104870.8,	108.4,	169.0,	0.0);	(670575.9, 4104878.7,	103.3,	169.0,	0.0);
(670598.6, 4104886.5,	103.6,	169.0,	0.0);	(670621.4, 4104894.4,	109.6,	168.9,	0.0);
(670644.1, 4104902.3,	111.8,	168.9,	0.0);	(670666.8, 4104910.1,	112.9,	168.9,	0.0);
(670689.5, 4104918.0,	116.2,	168.7,	0.0);	(670712.3, 4104925.9,	118.4,	168.6,	0.0);
(670735.0, 4104933.8,	120.0,	132.3,	0.0);	(670757.7, 4104941.6,	120.1,	132.3,	0.0);
(670780.4, 4104949.5,	120.2,	132.3,	0.0);	(670803.2, 4104957.4,	121.6,	132.3,	0.0);
(670825.9, 4104965.3,	123.1,	132.3,	0.0);	(670848.6, 4104973.1,	121.3,	132.3,	0.0);
(670871.4, 4104981.0,	115.8,	132.3,	0.0);	(670894.1, 4104988.9,	110.3,	132.3,	0.0);
(670122.0, 4105240.2,	119.8,	199.8,	0.0);	(670104.5, 4105223.8,	118.7,	199.8,	0.0);
(670087.0, 4105207.4,	118.6,	199.2,	0.0);	(670069.6, 4105191.1,	119.0,	198.7,	0.0);
(670052.1, 4105174.7,	119.6,	198.5,	0.0);	(670034.6, 4105158.3,	119.9,	180.2,	0.0);
(670017.1, 4105141.9,	119.9,	180.6,	0.0);	(669999.6, 4105125.5,	120.2,	181.8,	0.0);
(669982.1, 4105109.1,	120.8,	184.3,	0.0);	(669964.7, 4105092.7,	121.9,	183.7,	0.0);
(669947.2, 4105076.4,	123.4,	180.9,	0.0);	(669929.7, 4105060.0,	127.1,	180.2,	0.0);
(669912.2, 4105043.6,	134.8,	169.0,	0.0);	(669894.7, 4105027.2,	145.4,	169.0,	0.0);
(669877.2, 4105010.8,	157.5,	168.9,	0.0);	(669859.8, 4104994.4,	167.1,	168.8,	0.0);
(669842.3, 4104978.0,	167.1,	168.7,	0.0);	(669824.8, 4104961.6,	166.7,	166.7,	0.0);
(669807.3, 4104945.3,	166.7,	166.7,	0.0);	(669789.8, 4104928.9,	166.7,	166.7,	0.0);
(669772.4, 4104912.5,	166.7,	166.7,	0.0);	(669754.9, 4104896.1,	166.7,	166.7,	0.0);
(669737.4, 4104879.7,	166.7,	166.7,	0.0);	(669719.9, 4104863.3,	166.7,	166.7,	0.0);
(669702.4, 4104846.9,	166.7,	166.7,	0.0);	(669684.9, 4104830.5,	166.7,	166.7,	0.0);
(669667.5, 4104814.2,	166.7,	166.7,	0.0);	(669650.0, 4104797.8,	166.7,	166.7,	0.0);
(669632.5, 4104781.4,	166.7,	166.7,	0.0);	(669615.0, 4104765.0,	166.7,	166.7,	0.0);
(669597.5, 4104748.6,	166.7,	166.7,	0.0);	(669580.1, 4104732.2,	166.7,	166.7,	0.0);
(669562.6, 4104715.8,	166.7,	166.7,	0.0);	(669545.1, 4104699.4,	166.7,	166.7,	0.0);
(669527.6, 4104683.1,	166.7,	166.7,	0.0);	(669510.1, 4104666.7,	166.7,	166.7,	0.0);
(669492.6, 4104650.3,	166.7,	166.7,	0.0);	(669475.2, 4104633.9,	166.7,	166.7,	0.0);
(669457.7, 4104617.5,	166.7,	166.7,	0.0);	(669440.2, 4104601.1,	166.7,	166.7,	0.0);
(669422.7, 4104584.7,	166.7,	166.7,	0.0);	(669405.2, 4104568.4,	166.7,	166.7,	0.0);
(669387.7, 4104552.0,	166.7,	166.7,	0.0);	(669370.3, 4104535.6,	166.7,	166.7,	0.0);
(669352.8, 4104519.2,	166.7,	166.7,	0.0);	(669335.3, 4104502.8,	166.7,	166.7,	0.0);
(669317.8, 4104486.4,	166.7,	166.7,	0.0);	(669300.3, 4104470.0,	166.7,	166.7,	0.0);
(669282.9, 4104453.6,	166.7,	166.7,	0.0);	(669265.4, 4104437.3,	166.7,	166.7,	0.0);
(669248.4, 4104396.9,	166.7,	166.7,	0.0);	(669248.9, 4104373.0,	166.7,	166.7,	0.0);
(669249.4, 4104349.0,	166.7,	166.7,	0.0);	(669249.9, 4104325.0,	166.7,	166.7,	0.0);
(669250.5, 4104301.1,	166.7,	166.7,	0.0);	(669251.0, 4104277.1,	166.7,	166.7,	0.0);
(669251.5, 4104253.2,	166.7,	166.7,	0.0);	(669252.0, 4104229.2,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(669252.5, 4104205.3,	166.7,	166.7,	0.0);	(669253.0, 4104181.3,	166.7,	166.7,	0.0);
(669253.5, 4104157.4,	166.7,	166.7,	0.0);	(669254.0, 4104133.4,	166.7,	166.7,	0.0);
(669254.5, 4104109.4,	166.7,	166.7,	0.0);	(669255.1, 4104085.5,	166.7,	166.7,	0.0);
(669255.6, 4104061.5,	166.7,	166.7,	0.0);	(669256.1, 4104037.6,	166.7,	166.7,	0.0);
(669256.6, 4104013.6,	166.7,	166.7,	0.0);	(669257.1, 4103989.7,	166.7,	166.7,	0.0);
(669257.6, 4103965.7,	166.7,	166.7,	0.0);	(669258.1, 4103941.8,	166.7,	166.7,	0.0);
(669258.6, 4103917.8,	166.7,	166.7,	0.0);	(669259.2, 4103893.8,	166.7,	166.7,	0.0);
(669259.7, 4103869.9,	166.7,	166.7,	0.0);	(669260.2, 4103845.9,	166.7,	166.7,	0.0);
(669260.7, 4103822.0,	166.7,	166.7,	0.0);	(669261.2, 4103798.0,	166.7,	166.7,	0.0);
(669261.7, 4103774.1,	166.7,	166.7,	0.0);	(669262.2, 4103750.1,	166.7,	166.7,	0.0);
(669262.7, 4103726.1,	166.7,	166.7,	0.0);	(669263.2, 4103702.2,	166.7,	166.7,	0.0);
(669263.8, 4103678.2,	166.7,	166.7,	0.0);	(669264.3, 4103654.3,	166.7,	166.7,	0.0);
(669264.8, 4103630.3,	166.7,	166.7,	0.0);	(669265.3, 4103606.4,	166.7,	166.7,	0.0);
(669265.8, 4103582.4,	166.7,	166.7,	0.0);	(669266.3, 4103558.4,	166.7,	166.7,	0.0);
(669266.8, 4103534.5,	166.7,	166.7,	0.0);	(669267.4, 4103510.5,	166.7,	166.7,	0.0);
(669267.9, 4103486.6,	166.7,	166.7,	0.0);	(669268.4, 4103462.6,	166.7,	166.7,	0.0);
(669268.9, 4103438.7,	166.7,	166.7,	0.0);	(669269.4, 4103414.7,	166.7,	166.7,	0.0);
(669269.9, 4103390.8,	166.7,	166.7,	0.0);	(669270.4, 4103366.8,	166.7,	166.7,	0.0);
(669270.9, 4103342.8,	166.7,	166.7,	0.0);	(669271.4, 4103318.9,	166.7,	166.7,	0.0);
(669272.0, 4103294.9,	166.7,	166.7,	0.0);	(669272.5, 4103271.0,	166.7,	166.7,	0.0);
(669273.0, 4103247.0,	166.7,	166.7,	0.0);	(669273.5, 4103223.1,	166.7,	166.7,	0.0);
(670139.5, 4105256.6,	121.5,	199.8,	0.0);	(670162.2, 4105264.5,	123.8,	198.7,	0.0);
(670184.9, 4105272.4,	127.3,	198.7,	0.0);	(670207.7, 4105280.2,	132.3,	151.8,	0.0);
(670230.4, 4105288.1,	137.5,	151.8,	0.0);	(670253.1, 4105296.0,	140.0,	151.8,	0.0);
(670275.8, 4105303.9,	138.1,	151.8,	0.0);	(670298.6, 4105311.7,	136.3,	151.8,	0.0);
(670321.3, 4105319.6,	133.2,	151.8,	0.0);	(670344.0, 4105327.5,	130.0,	197.7,	0.0);
(670366.8, 4105335.3,	127.2,	198.7,	0.0);	(670389.5, 4105343.2,	123.5,	199.2,	0.0);
(670412.2, 4105351.1,	119.7,	205.1,	0.0);	(670434.9, 4105359.0,	117.2,	205.2,	0.0);
(670457.7, 4105366.8,	115.8,	205.2,	0.0);	(670480.4, 4105374.7,	114.8,	205.2,	0.0);
(670503.1, 4105382.6,	112.7,	205.2,	0.0);	(670525.8, 4105390.5,	112.0,	205.2,	0.0);
(670548.6, 4105398.3,	115.0,	205.2,	0.0);	(670571.3, 4105406.2,	117.3,	199.8,	0.0);
(670594.0, 4105414.1,	117.9,	198.7,	0.0);	(670616.8, 4105422.0,	118.0,	198.7,	0.0);
(670639.5, 4105429.8,	117.7,	198.7,	0.0);	(670662.2, 4105437.7,	116.2,	198.7,	0.0);
(670684.9, 4105445.6,	113.2,	199.2,	0.0);	(670707.7, 4105453.5,	109.3,	205.2,	0.0);
(670730.4, 4105461.3,	104.0,	205.2,	0.0);	(669958.3, 4105712.7,	136.0,	224.2,	0.0);
(669940.8, 4105696.3,	136.2,	224.2,	0.0);	(669923.4, 4105679.9,	139.2,	224.2,	0.0);
(669905.9, 4105663.5,	140.2,	224.2,	0.0);	(669888.4, 4105647.1,	138.3,	224.2,	0.0);
(669870.9, 4105630.7,	135.4,	224.2,	0.0);	(669853.4, 4105614.3,	134.0,	226.7,	0.0);
(669835.9, 4105598.0,	133.1,	226.7,	0.0);	(669818.5, 4105581.6,	132.3,	226.7,	0.0);
(669801.0, 4105565.2,	131.7,	226.7,	0.0);	(669783.5, 4105548.8,	131.1,	226.7,	0.0);
(669766.0, 4105532.4,	130.6,	226.7,	0.0);	(669748.5, 4105516.0,	130.4,	226.7,	0.0);
(669731.0, 4105499.6,	131.5,	226.7,	0.0);	(669713.6, 4105483.2,	133.2,	224.2,	0.0);
(669696.1, 4105466.9,	134.8,	224.2,	0.0);	(669678.6, 4105450.5,	142.6,	187.3,	0.0);
(669661.1, 4105434.1,	150.5,	187.3,	0.0);	(669643.6, 4105417.7,	158.5,	185.5,	0.0);
(669626.2, 4105401.3,	164.6,	180.2,	0.0);	(669608.7, 4105384.9,	170.9,	173.4,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(669591.2, 4105368.5,	173.5,	173.5,	0.0);	(669573.7, 4105352.2,	173.5,	179.2,	0.0);
(669556.2, 4105335.8,	172.5,	180.2,	0.0);	(669538.7, 4105319.4,	169.9,	182.3,	0.0);
(669521.2, 4105303.0,	167.4,	185.9,	0.0);	(669503.8, 4105286.6,	166.7,	186.7,	0.0);
(669486.3, 4105270.2,	166.7,	186.7,	0.0);	(669468.8, 4105253.8,	166.7,	186.7,	0.0);
(669451.3, 4105237.4,	166.7,	186.7,	0.0);	(669433.8, 4105221.1,	166.7,	186.7,	0.0);
(669416.4, 4105204.7,	166.7,	185.5,	0.0);	(669398.9, 4105188.3,	166.7,	185.5,	0.0);
(669381.4, 4105171.9,	166.7,	185.4,	0.0);	(669363.9, 4105155.5,	166.7,	166.7,	0.0);
(669346.4, 4105139.1,	166.7,	166.7,	0.0);	(669329.0, 4105122.7,	166.7,	166.7,	0.0);
(669311.5, 4105106.3,	166.7,	166.7,	0.0);	(669294.0, 4105090.0,	166.7,	166.7,	0.0);
(669276.5, 4105073.6,	166.7,	166.7,	0.0);	(669259.0, 4105057.2,	166.7,	166.7,	0.0);
(669241.5, 4105040.8,	166.7,	166.7,	0.0);	(669224.1, 4105024.4,	166.7,	166.7,	0.0);
(669206.6, 4105008.0,	166.7,	166.7,	0.0);	(669189.1, 4104991.6,	166.7,	166.7,	0.0);
(669171.6, 4104975.3,	166.7,	166.7,	0.0);	(669154.1, 4104958.9,	166.7,	166.7,	0.0);
(669136.6, 4104942.5,	166.7,	166.7,	0.0);	(669119.2, 4104926.1,	166.7,	166.7,	0.0);
(669101.7, 4104909.7,	166.7,	166.7,	0.0);	(669084.2, 4104893.3,	166.7,	166.7,	0.0);
(669066.7, 4104876.9,	166.7,	166.7,	0.0);	(669049.2, 4104860.5,	166.7,	166.7,	0.0);
(669031.8, 4104844.2,	166.7,	166.7,	0.0);	(669014.3, 4104827.8,	166.7,	166.7,	0.0);
(668996.8, 4104811.4,	166.7,	166.7,	0.0);	(668979.3, 4104795.0,	166.7,	166.7,	0.0);
(668961.8, 4104778.6,	166.7,	166.7,	0.0);	(668944.3, 4104762.2,	166.7,	166.7,	0.0);
(668926.9, 4104745.8,	166.7,	166.7,	0.0);	(668909.4, 4104729.4,	166.7,	166.7,	0.0);
(668891.9, 4104713.1,	166.7,	166.7,	0.0);	(668874.4, 4104696.7,	166.7,	166.7,	0.0);
(668856.9, 4104680.3,	166.7,	166.7,	0.0);	(668839.5, 4104663.9,	166.7,	166.7,	0.0);
(668822.0, 4104647.5,	166.7,	166.7,	0.0);	(668804.5, 4104631.1,	166.7,	166.7,	0.0);
(668787.5, 4104590.8,	166.7,	166.7,	0.0);	(668788.0, 4104566.8,	166.7,	166.7,	0.0);
(668788.5, 4104542.9,	166.7,	166.7,	0.0);	(668789.1, 4104518.9,	166.7,	166.7,	0.0);
(668789.6, 4104495.0,	166.7,	166.7,	0.0);	(668790.1, 4104471.0,	166.7,	166.7,	0.0);
(668790.6, 4104447.0,	166.7,	166.7,	0.0);	(668791.1, 4104423.1,	166.7,	166.7,	0.0);
(668791.6, 4104399.1,	166.7,	166.7,	0.0);	(668792.1, 4104375.2,	166.7,	166.7,	0.0);
(668792.6, 4104351.2,	166.7,	166.7,	0.0);	(668793.2, 4104327.3,	166.7,	166.7,	0.0);
(668793.7, 4104303.3,	166.7,	166.7,	0.0);	(668794.2, 4104279.4,	166.7,	166.7,	0.0);
(668794.7, 4104255.4,	166.7,	166.7,	0.0);	(668795.2, 4104231.4,	166.7,	166.7,	0.0);
(668795.7, 4104207.5,	166.7,	166.7,	0.0);	(668796.2, 4104183.5,	166.7,	166.7,	0.0);
(668796.7, 4104159.6,	166.7,	166.7,	0.0);	(668797.2, 4104135.6,	166.7,	166.7,	0.0);
(668797.8, 4104111.7,	166.7,	166.7,	0.0);	(668798.3, 4104087.7,	166.7,	166.7,	0.0);
(668798.8, 4104063.8,	166.7,	166.7,	0.0);	(668799.3, 4104039.8,	166.7,	166.7,	0.0);
(668799.8, 4104015.8,	166.7,	166.7,	0.0);	(668800.3, 4103991.9,	166.7,	166.7,	0.0);
(668800.8, 4103967.9,	166.7,	166.7,	0.0);	(668801.3, 4103944.0,	166.7,	166.7,	0.0);
(668801.9, 4103920.0,	166.7,	166.7,	0.0);	(668802.4, 4103896.1,	166.7,	166.7,	0.0);
(668802.9, 4103872.1,	166.7,	166.7,	0.0);	(668803.4, 4103848.1,	166.7,	166.7,	0.0);
(668803.9, 4103824.2,	166.7,	166.7,	0.0);	(668804.4, 4103800.2,	166.7,	166.7,	0.0);
(668804.9, 4103776.3,	166.7,	166.7,	0.0);	(668805.4, 4103752.3,	166.7,	166.7,	0.0);
(668806.0, 4103728.4,	166.7,	166.7,	0.0);	(668806.5, 4103704.4,	166.7,	166.7,	0.0);
(668807.0, 4103680.4,	166.7,	166.7,	0.0);	(668807.5, 4103656.5,	166.7,	166.7,	0.0);
(668808.0, 4103632.5,	166.7,	166.7,	0.0);	(668808.5, 4103608.6,	166.7,	166.7,	0.0);
(668809.0, 4103584.6,	166.7,	166.7,	0.0);	(668809.5, 4103560.7,	166.7,	166.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(668810.1, 4103536.7,	166.7,	166.7,	0.0);	(668810.6, 4103512.8,	166.7,	166.7,	0.0);
(668811.1, 4103488.8,	166.7,	166.7,	0.0);	(668811.6, 4103464.8,	166.7,	166.7,	0.0);
(668812.1, 4103440.9,	166.7,	166.7,	0.0);	(668812.6, 4103416.9,	166.7,	166.7,	0.0);
(668813.1, 4103393.0,	166.7,	166.7,	0.0);	(668813.6, 4103369.0,	166.7,	166.7,	0.0);
(668814.1, 4103345.1,	166.7,	166.7,	0.0);	(668814.7, 4103321.1,	166.7,	166.7,	0.0);
(668815.2, 4103297.1,	166.7,	166.7,	0.0);	(668815.7, 4103273.2,	166.7,	166.7,	0.0);
(668816.2, 4103249.2,	166.7,	166.7,	0.0);	(668816.7, 4103225.3,	166.7,	166.7,	0.0);
(668817.2, 4103201.3,	166.7,	166.7,	0.0);	(668817.7, 4103177.4,	166.7,	166.7,	0.0);
(668818.2, 4103153.4,	166.7,	166.7,	0.0);	(668818.8, 4103129.5,	166.7,	166.7,	0.0);
(668819.3, 4103105.5,	166.7,	166.7,	0.0);	(668819.8, 4103081.5,	166.7,	166.7,	0.0);
(668820.3, 4103057.6,	166.7,	166.7,	0.0);	(668820.8, 4103033.6,	166.7,	166.7,	0.0);
(668821.3, 4103009.7,	166.7,	166.7,	0.0);	(669975.8, 4105729.1,	139.2,	224.2,	0.0);
(669998.5, 4105736.9,	142.9,	224.2,	0.0);	(670021.2, 4105744.8,	148.0,	224.2,	0.0);
(670044.0, 4105752.7,	153.9,	224.2,	0.0);	(670066.7, 4105760.6,	160.4,	224.2,	0.0);
(670089.4, 4105768.4,	167.6,	205.2,	0.0);	(670112.2, 4105776.3,	176.6,	198.7,	0.0);
(670134.9, 4105784.2,	179.2,	198.5,	0.0);	(670157.6, 4105792.0,	176.4,	198.7,	0.0);
(670180.3, 4105799.9,	171.8,	199.8,	0.0);	(670203.1, 4105807.8,	164.4,	205.2,	0.0);
(670225.8, 4105815.7,	158.6,	223.6,	0.0);	(670248.5, 4105823.5,	152.2,	224.2,	0.0);
(670271.2, 4105831.4,	147.2,	224.2,	0.0);	(670294.0, 4105839.3,	141.6,	224.2,	0.0);
(670316.7, 4105847.2,	137.0,	224.2,	0.0);	(670339.4, 4105855.0,	133.2,	224.2,	0.0);
(670362.2, 4105862.9,	129.5,	224.2,	0.0);	(670384.9, 4105870.8,	126.2,	224.2,	0.0);
(670407.6, 4105878.7,	122.8,	224.2,	0.0);	(670430.3, 4105886.5,	119.0,	224.2,	0.0);
(670453.1, 4105894.4,	116.2,	224.2,	0.0);	(670475.8, 4105902.3,	114.6,	224.2,	0.0);
(670498.5, 4105910.2,	114.2,	224.2,	0.0);	(670521.2, 4105918.0,	114.1,	224.2,	0.0);
(670544.0, 4105925.9,	114.6,	224.2,	0.0);	(670566.7, 4105933.8,	115.0,	224.2,	0.0);
(671243.4, 4104055.9,	71.0,	169.9,	0.0);	(671255.3, 4104033.9,	71.0,	169.9,	0.0);
(671267.2, 4104012.0,	71.0,	169.9,	0.0);	(671279.1, 4103990.0,	71.0,	169.9,	0.0);
(671290.9, 4103968.1,	71.0,	169.9,	0.0);	(671302.8, 4103946.1,	71.0,	169.9,	0.0);
(671314.7, 4103924.1,	71.0,	169.9,	0.0);	(671326.5, 4103902.2,	71.0,	169.9,	0.0);
(671338.4, 4103880.2,	71.0,	169.9,	0.0);	(671350.2, 4103858.3,	74.7,	169.9,	0.0);
(671362.1, 4103836.3,	76.4,	169.9,	0.0);	(671374.0, 4103814.4,	74.5,	169.9,	0.0);
(671385.9, 4103792.4,	72.3,	169.9,	0.0);	(671397.7, 4103770.4,	71.7,	169.9,	0.0);
(671409.6, 4103748.5,	71.7,	169.9,	0.0);	(671421.5, 4103726.5,	72.2,	169.9,	0.0);
(671433.3, 4103704.6,	73.0,	169.9,	0.0);	(671445.2, 4103682.6,	73.9,	169.9,	0.0);
(671457.1, 4103660.7,	74.6,	169.9,	0.0);	(671468.9, 4103638.7,	75.0,	169.9,	0.0);
(671480.8, 4103616.7,	75.2,	169.9,	0.0);	(671492.7, 4103594.8,	75.5,	169.9,	0.0);
(671504.5, 4103572.8,	75.8,	169.9,	0.0);	(671516.4, 4103550.9,	76.1,	169.9,	0.0);
(671528.3, 4103528.9,	76.4,	169.9,	0.0);	(671540.1, 4103507.0,	76.8,	169.9,	0.0);
(671552.0, 4103485.0,	77.2,	169.9,	0.0);	(671563.9, 4103463.0,	77.7,	169.9,	0.0);
(671575.7, 4103441.1,	78.1,	169.9,	0.0);	(671587.6, 4103419.1,	78.5,	169.9,	0.0);
(671599.5, 4103397.2,	79.0,	169.9,	0.0);	(671611.3, 4103375.2,	79.3,	169.9,	0.0);
(671623.2, 4103353.3,	79.5,	169.9,	0.0);	(671635.1, 4103331.3,	79.6,	169.9,	0.0);
(671646.9, 4103309.3,	79.9,	169.9,	0.0);	(671658.8, 4103287.4,	80.5,	169.9,	0.0);
(671670.7, 4103265.4,	81.5,	169.9,	0.0);	(671682.5, 4103243.5,	83.0,	169.1,	0.0);
(671694.4, 4103221.5,	84.4,	169.1,	0.0);	(671706.3, 4103199.6,	86.0,	169.1,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671718.1, 4103177.6,	87.1,	169.1,	0.0);	(671730.0, 4103155.6,	87.6,	169.1,	0.0);
(671741.9, 4103133.7,	87.6,	169.1,	0.0);	(671753.7, 4103111.7,	87.5,	169.1,	0.0);
(671765.6, 4103089.8,	87.4,	169.3,	0.0);	(671777.5, 4103067.8,	87.2,	169.3,	0.0);
(671789.3, 4103045.9,	87.1,	169.3,	0.0);	(671801.2, 4103023.9,	87.1,	169.3,	0.0);
(671813.1, 4103001.9,	87.0,	169.3,	0.0);	(671824.9, 4102980.0,	87.0,	169.3,	0.0);
(671836.8, 4102958.0,	87.0,	169.3,	0.0);	(671848.7, 4102936.1,	86.9,	169.3,	0.0);
(671860.5, 4102914.1,	86.6,	169.3,	0.0);	(671872.4, 4102892.2,	86.1,	169.3,	0.0);
(671884.3, 4102870.2,	85.9,	169.3,	0.0);	(671896.1, 4102848.2,	86.4,	169.3,	0.0);
(671908.0, 4102826.3,	87.8,	169.3,	0.0);	(671919.9, 4102804.3,	88.8,	169.3,	0.0);
(671931.8, 4102782.4,	89.5,	169.3,	0.0);	(671943.6, 4102760.4,	90.0,	169.3,	0.0);
(671955.5, 4102738.5,	90.4,	169.3,	0.0);	(671967.4, 4102716.5,	90.9,	169.3,	0.0);
(671979.2, 4102694.5,	91.6,	169.3,	0.0);	(671991.1, 4102672.6,	92.4,	169.3,	0.0);
(672003.0, 4102650.6,	93.2,	169.3,	0.0);	(672014.8, 4102628.7,	93.9,	169.3,	0.0);
(672026.7, 4102606.7,	94.5,	169.3,	0.0);	(672038.6, 4102584.8,	95.5,	169.3,	0.0);
(672050.4, 4102562.8,	96.3,	169.3,	0.0);	(672062.3, 4102540.8,	96.8,	169.3,	0.0);
(672074.2, 4102518.9,	97.1,	169.3,	0.0);	(672086.0, 4102496.9,	97.3,	169.3,	0.0);
(672097.9, 4102475.0,	97.5,	169.3,	0.0);	(672109.8, 4102453.0,	97.8,	169.3,	0.0);
(672121.6, 4102431.0,	98.1,	169.3,	0.0);	(672133.5, 4102409.1,	98.4,	169.3,	0.0);
(672145.4, 4102387.1,	98.9,	169.3,	0.0);	(672157.2, 4102365.2,	99.6,	169.3,	0.0);
(672169.1, 4102343.2,	100.3,	169.3,	0.0);	(672181.0, 4102321.3,	101.1,	169.3,	0.0);
(672192.8, 4102299.3,	101.8,	169.3,	0.0);	(672204.7, 4102277.3,	102.4,	169.3,	0.0);
(672216.6, 4102255.4,	102.8,	169.3,	0.0);	(672228.4, 4102233.4,	103.3,	168.6,	0.0);
(672240.3, 4102211.5,	103.8,	168.5,	0.0);	(672252.2, 4102189.5,	104.3,	168.5,	0.0);
(672264.0, 4102167.6,	105.0,	168.5,	0.0);	(672275.9, 4102145.6,	105.7,	168.5,	0.0);
(672287.8, 4102123.6,	106.3,	168.5,	0.0);	(672299.6, 4102101.7,	107.1,	168.5,	0.0);
(671252.5, 4104079.2,	71.0,	169.9,	0.0);	(671277.3, 4104045.8,	71.0,	169.9,	0.0);
(671289.2, 4104023.9,	71.0,	169.9,	0.0);	(671301.0, 4104001.9,	71.0,	169.9,	0.0);
(671312.9, 4103979.9,	71.0,	169.9,	0.0);	(671324.8, 4103958.0,	71.0,	169.9,	0.0);
(671336.6, 4103936.0,	71.0,	169.9,	0.0);	(671348.5, 4103914.1,	71.0,	169.9,	0.0);
(671360.4, 4103892.1,	71.7,	169.9,	0.0);	(671372.2, 4103870.2,	73.6,	169.9,	0.0);
(671384.1, 4103848.2,	72.1,	169.9,	0.0);	(671396.0, 4103826.2,	71.1,	169.9,	0.0);
(671407.8, 4103804.3,	71.2,	169.9,	0.0);	(671419.7, 4103782.3,	71.7,	169.9,	0.0);
(671431.6, 4103760.4,	72.5,	169.9,	0.0);	(671443.5, 4103738.4,	73.8,	169.9,	0.0);
(671455.3, 4103716.5,	74.7,	169.9,	0.0);	(671467.2, 4103694.5,	75.1,	169.9,	0.0);
(671479.1, 4103672.5,	75.3,	169.9,	0.0);	(671490.9, 4103650.6,	75.4,	169.9,	0.0);
(671502.8, 4103628.6,	75.6,	169.9,	0.0);	(671514.7, 4103606.7,	75.9,	169.9,	0.0);
(671526.5, 4103584.7,	76.1,	169.9,	0.0);	(671538.4, 4103562.8,	76.3,	169.9,	0.0);
(671550.2, 4103540.8,	76.5,	169.9,	0.0);	(671562.1, 4103518.8,	76.8,	169.9,	0.0);
(671574.0, 4103496.9,	77.1,	169.9,	0.0);	(671585.9, 4103474.9,	77.4,	169.9,	0.0);
(671597.7, 4103453.0,	77.8,	169.9,	0.0);	(671609.6, 4103431.0,	78.2,	169.9,	0.0);
(671621.5, 4103409.1,	78.7,	169.9,	0.0);	(671633.3, 4103387.1,	79.1,	169.9,	0.0);
(671645.2, 4103365.1,	79.6,	169.9,	0.0);	(671657.1, 4103343.2,	79.6,	169.9,	0.0);
(671668.9, 4103321.2,	79.5,	169.9,	0.0);	(671680.8, 4103299.3,	79.5,	169.9,	0.0);
(671692.7, 4103277.3,	79.9,	169.9,	0.0);	(671704.5, 4103255.4,	81.1,	169.1,	0.0);
(671716.4, 4103233.4,	83.2,	169.1,	0.0);	(671728.3, 4103211.4,	85.7,	169.1,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671740.1,	4103189.5,	86.8,	169.1,	0.0);	(671752.0,	4103167.5,	86.9,	169.1,	0.0);
(671763.9,	4103145.6,	86.8,	169.1,	0.0);	(671775.7,	4103123.6,	86.7,	169.1,	0.0);
(671787.6,	4103101.7,	86.6,	169.3,	0.0);	(671799.5,	4103079.7,	86.5,	169.3,	0.0);
(671811.3,	4103057.7,	86.3,	169.3,	0.0);	(671823.2,	4103035.8,	86.3,	169.3,	0.0);
(671835.1,	4103013.8,	86.1,	169.3,	0.0);	(671846.9,	4102991.9,	86.0,	169.3,	0.0);
(671858.8,	4102969.9,	85.9,	169.3,	0.0);	(671870.7,	4102948.0,	85.8,	169.3,	0.0);
(671882.5,	4102926.0,	85.6,	169.3,	0.0);	(671894.4,	4102904.0,	85.3,	169.3,	0.0);
(671906.3,	4102882.1,	85.4,	169.3,	0.0);	(671918.1,	4102860.1,	86.2,	169.3,	0.0);
(671930.0,	4102838.2,	86.8,	169.3,	0.0);	(671941.9,	4102816.2,	87.5,	169.3,	0.0);
(671953.7,	4102794.3,	88.3,	169.3,	0.0);	(671965.6,	4102772.3,	89.1,	169.3,	0.0);
(671977.5,	4102750.3,	89.7,	169.3,	0.0);	(671989.3,	4102728.4,	90.4,	169.3,	0.0);
(672001.2,	4102706.4,	91.1,	169.3,	0.0);	(672013.1,	4102684.5,	92.0,	169.3,	0.0);
(672024.9,	4102662.5,	93.1,	169.3,	0.0);	(672036.8,	4102640.6,	94.4,	169.3,	0.0);
(672048.7,	4102618.6,	95.7,	169.3,	0.0);	(672060.6,	4102596.6,	96.5,	169.3,	0.0);
(672072.4,	4102574.7,	97.2,	169.3,	0.0);	(672084.3,	4102552.7,	97.7,	169.3,	0.0);
(672096.2,	4102530.8,	97.6,	169.3,	0.0);	(672108.0,	4102508.8,	97.5,	169.3,	0.0);
(672119.9,	4102486.9,	97.8,	169.3,	0.0);	(672131.8,	4102464.9,	98.3,	169.3,	0.0);
(672143.6,	4102442.9,	98.5,	169.3,	0.0);	(672155.5,	4102421.0,	98.8,	169.3,	0.0);
(672167.4,	4102399.0,	99.1,	169.3,	0.0);	(672179.2,	4102377.1,	99.6,	169.3,	0.0);
(672191.1,	4102355.1,	100.2,	169.3,	0.0);	(672203.0,	4102333.2,	100.9,	169.3,	0.0);
(672214.8,	4102311.2,	101.5,	169.3,	0.0);	(672226.7,	4102289.2,	102.1,	169.3,	0.0);
(672238.6,	4102267.3,	102.7,	168.6,	0.0);	(672250.4,	4102245.3,	103.2,	168.5,	0.0);
(672262.3,	4102223.4,	103.9,	168.5,	0.0);	(672274.2,	4102201.4,	104.5,	168.4,	0.0);
(672286.0,	4102179.5,	105.0,	168.4,	0.0);	(672297.9,	4102157.5,	105.4,	168.4,	0.0);
(672309.8,	4102135.5,	106.0,	106.0,	0.0);	(672321.6,	4102113.6,	106.8,	106.8,	0.0);
(671274.5,	4104091.1,	71.0,	169.9,	0.0);	(671231.4,	4104114.2,	71.0,	169.9,	0.0);
(671299.3,	4104057.7,	71.0,	169.9,	0.0);	(671311.2,	4104035.8,	71.0,	169.9,	0.0);
(671323.0,	4104013.8,	71.0,	169.9,	0.0);	(671334.9,	4103991.8,	71.0,	169.9,	0.0);
(671346.8,	4103969.9,	71.0,	169.9,	0.0);	(671358.6,	4103947.9,	71.0,	169.9,	0.0);
(671370.5,	4103926.0,	71.0,	169.9,	0.0);	(671382.4,	4103904.0,	71.1,	169.9,	0.0);
(671394.2,	4103882.0,	71.0,	169.9,	0.0);	(671406.1,	4103860.1,	71.0,	169.9,	0.0);
(671418.0,	4103838.1,	71.0,	169.9,	0.0);	(671429.8,	4103816.2,	71.6,	169.9,	0.0);
(671441.7,	4103794.2,	73.3,	169.9,	0.0);	(671453.6,	4103772.3,	74.5,	169.9,	0.0);
(671465.4,	4103750.3,	74.9,	169.9,	0.0);	(671477.3,	4103728.3,	75.1,	169.9,	0.0);
(671489.2,	4103706.4,	75.3,	169.9,	0.0);	(671501.0,	4103684.4,	75.5,	169.9,	0.0);
(671512.9,	4103662.5,	75.7,	169.9,	0.0);	(671524.8,	4103640.5,	75.8,	169.9,	0.0);
(671536.6,	4103618.6,	76.0,	169.9,	0.0);	(671548.5,	4103596.6,	76.2,	169.9,	0.0);
(671560.4,	4103574.6,	76.3,	169.9,	0.0);	(671572.2,	4103552.7,	76.5,	169.9,	0.0);
(671584.1,	4103530.7,	76.6,	169.9,	0.0);	(671596.0,	4103508.8,	76.8,	169.9,	0.0);
(671607.9,	4103486.8,	77.1,	169.9,	0.0);	(671619.7,	4103464.9,	77.4,	169.9,	0.0);
(671631.6,	4103442.9,	77.9,	169.9,	0.0);	(671643.5,	4103420.9,	78.4,	169.9,	0.0);
(671655.3,	4103399.0,	78.9,	169.9,	0.0);	(671667.2,	4103377.0,	79.5,	169.9,	0.0);
(671679.1,	4103355.1,	80.0,	169.9,	0.0);	(671690.9,	4103333.1,	79.9,	169.9,	0.0);
(671702.8,	4103311.2,	79.6,	169.9,	0.0);	(671714.7,	4103289.2,	79.5,	169.9,	0.0);
(671726.5,	4103267.2,	79.6,	169.1,	0.0);	(671738.4,	4103245.3,	80.7,	169.1,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671750.2, 4103223.3,	82.2,	169.1,	0.0);	(671762.1, 4103201.4,	83.2,	169.1,	0.0);
(671774.0, 4103179.4,	83.2,	169.1,	0.0);	(671785.9, 4103157.5,	82.9,	169.1,	0.0);
(671797.7, 4103135.5,	84.1,	169.1,	0.0);	(671809.6, 4103113.5,	85.0,	169.3,	0.0);
(671821.5, 4103091.6,	85.2,	169.3,	0.0);	(671833.3, 4103069.6,	85.2,	169.3,	0.0);
(671845.2, 4103047.7,	85.2,	169.3,	0.0);	(671857.1, 4103025.7,	85.2,	169.3,	0.0);
(671868.9, 4103003.8,	85.2,	169.3,	0.0);	(671880.8, 4102981.8,	85.2,	169.3,	0.0);
(671892.7, 4102959.8,	85.1,	169.3,	0.0);	(671904.5, 4102937.9,	85.0,	169.3,	0.0);
(671916.4, 4102915.9,	84.9,	169.3,	0.0);	(671928.3, 4102894.0,	85.2,	169.3,	0.0);
(671940.1, 4102872.0,	85.7,	169.3,	0.0);	(671952.0, 4102850.1,	86.1,	169.3,	0.0);
(671963.9, 4102828.1,	86.8,	169.3,	0.0);	(671975.7, 4102806.1,	87.6,	169.3,	0.0);
(671987.6, 4102784.2,	88.4,	169.3,	0.0);	(671999.5, 4102762.2,	89.2,	169.3,	0.0);
(672011.3, 4102740.3,	90.0,	169.3,	0.0);	(672023.2, 4102718.3,	90.8,	169.3,	0.0);
(672035.1, 4102696.4,	91.7,	169.3,	0.0);	(672046.9, 4102674.4,	93.1,	169.3,	0.0);
(672058.8, 4102652.4,	96.4,	169.3,	0.0);	(672070.7, 4102630.5,	98.3,	169.3,	0.0);
(672082.5, 4102608.5,	98.3,	169.3,	0.0);	(672094.4, 4102586.6,	98.4,	169.3,	0.0);
(672106.3, 4102564.6,	98.4,	169.3,	0.0);	(672118.1, 4102542.7,	98.4,	169.3,	0.0);
(672130.0, 4102520.7,	98.1,	169.3,	0.0);	(672141.9, 4102498.7,	98.0,	169.3,	0.0);
(672153.7, 4102476.8,	98.3,	169.3,	0.0);	(672165.6, 4102454.8,	98.4,	169.3,	0.0);
(672177.5, 4102432.9,	98.5,	169.3,	0.0);	(672189.3, 4102410.9,	98.8,	169.3,	0.0);
(672201.2, 4102389.0,	99.5,	169.3,	0.0);	(672213.1, 4102367.0,	100.1,	169.3,	0.0);
(672225.0, 4102345.0,	100.7,	169.3,	0.0);	(672236.8, 4102323.1,	101.2,	169.3,	0.0);
(672248.7, 4102301.1,	101.8,	168.4,	0.0);	(672260.6, 4102279.2,	102.4,	168.4,	0.0);
(672272.4, 4102257.2,	103.0,	168.4,	0.0);	(672284.3, 4102235.3,	103.8,	168.4,	0.0);
(672296.2, 4102213.3,	104.5,	104.5,	0.0);	(672308.0, 4102191.3,	104.6,	104.6,	0.0);
(672319.9, 4102169.4,	104.8,	104.8,	0.0);	(672331.8, 4102147.4,	105.5,	105.5,	0.0);
(672343.6, 4102125.5,	106.4,	106.4,	0.0);	(671292.2, 4104106.8,	71.0,	169.9,	0.0);
(671274.9, 4104122.0,	71.0,	169.9,	0.0);	(671234.7, 4104137.6,	71.0,	169.9,	0.0);
(671211.7, 4104138.1,	71.0,	169.9,	0.0);	(671309.4, 4104091.5,	71.0,	169.9,	0.0);
(671321.3, 4104069.6,	71.0,	169.9,	0.0);	(671333.2, 4104047.6,	71.0,	169.9,	0.0);
(671345.0, 4104025.7,	71.0,	169.9,	0.0);	(671356.9, 4104003.7,	71.0,	169.9,	0.0);
(671368.8, 4103981.8,	71.0,	169.9,	0.0);	(671380.6, 4103959.8,	71.0,	169.9,	0.0);
(671392.5, 4103937.8,	71.0,	169.9,	0.0);	(671404.4, 4103915.9,	71.0,	169.9,	0.0);
(671416.2, 4103893.9,	71.0,	169.9,	0.0);	(671428.1, 4103872.0,	71.0,	169.9,	0.0);
(671440.0, 4103850.0,	72.2,	169.9,	0.0);	(671451.8, 4103828.1,	73.7,	169.9,	0.0);
(671463.7, 4103806.1,	74.4,	169.9,	0.0);	(671475.6, 4103784.1,	74.7,	169.9,	0.0);
(671487.4, 4103762.2,	74.8,	169.9,	0.0);	(671499.3, 4103740.2,	75.0,	169.9,	0.0);
(671511.2, 4103718.3,	75.2,	169.9,	0.0);	(671523.0, 4103696.3,	75.5,	169.9,	0.0);
(671534.9, 4103674.4,	75.7,	169.9,	0.0);	(671546.8, 4103652.4,	75.8,	169.9,	0.0);
(671558.6, 4103630.4,	76.0,	169.9,	0.0);	(671570.5, 4103608.5,	76.1,	169.9,	0.0);
(671582.4, 4103586.5,	76.2,	169.9,	0.0);	(671594.2, 4103564.6,	76.2,	169.9,	0.0);
(671606.1, 4103542.6,	76.3,	169.9,	0.0);	(671618.0, 4103520.7,	76.4,	169.9,	0.0);
(671629.8, 4103498.7,	76.6,	169.9,	0.0);	(671641.7, 4103476.8,	76.9,	169.9,	0.0);
(671653.6, 4103454.8,	77.4,	169.9,	0.0);	(671665.4, 4103432.8,	77.9,	169.9,	0.0);
(671677.3, 4103410.9,	78.5,	169.9,	0.0);	(671689.2, 4103388.9,	79.0,	169.9,	0.0);
(671701.0, 4103367.0,	79.7,	169.9,	0.0);	(671712.9, 4103345.0,	80.2,	169.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671724.8, 4103323.0,	80.2,	169.9,	0.0);	(671736.7, 4103301.1,	79.8,	169.1,	0.0);
(671748.5, 4103279.1,	79.5,	169.1,	0.0);	(671760.4, 4103257.2,	79.6,	169.1,	0.0);
(671772.2, 4103235.2,	79.9,	169.1,	0.0);	(671784.1, 4103213.3,	79.7,	169.1,	0.0);
(671796.0, 4103191.3,	79.5,	169.1,	0.0);	(671807.9, 4103169.3,	79.5,	169.3,	0.0);
(671819.7, 4103147.4,	80.6,	169.3,	0.0);	(671831.6, 4103125.4,	82.4,	169.3,	0.0);
(671843.5, 4103103.5,	83.5,	169.3,	0.0);	(671855.3, 4103081.5,	84.0,	169.3,	0.0);
(671867.2, 4103059.6,	84.1,	169.3,	0.0);	(671879.1, 4103037.6,	84.2,	169.3,	0.0);
(671890.9, 4103015.6,	84.4,	169.3,	0.0);	(671902.8, 4102993.7,	84.5,	169.3,	0.0);
(671914.7, 4102971.7,	84.5,	169.3,	0.0);	(671926.5, 4102949.8,	84.5,	169.3,	0.0);
(671938.4, 4102927.8,	84.6,	169.3,	0.0);	(671950.3, 4102905.9,	84.9,	169.3,	0.0);
(671962.1, 4102883.9,	85.3,	169.3,	0.0);	(671974.0, 4102861.9,	85.8,	169.3,	0.0);
(671985.9, 4102840.0,	86.3,	169.3,	0.0);	(671997.7, 4102818.0,	87.1,	169.3,	0.0);
(672009.6, 4102796.1,	87.9,	169.3,	0.0);	(672021.5, 4102774.1,	88.8,	169.3,	0.0);
(672033.3, 4102752.2,	89.6,	169.3,	0.0);	(672045.2, 4102730.2,	90.6,	169.3,	0.0);
(672057.1, 4102708.2,	91.6,	169.3,	0.0);	(672068.9, 4102686.3,	93.2,	169.3,	0.0);
(672080.8, 4102664.3,	97.7,	169.3,	0.0);	(672092.7, 4102642.4,	98.6,	169.3,	0.0);
(672104.5, 4102620.4,	98.5,	169.3,	0.0);	(672116.4, 4102598.5,	98.5,	169.3,	0.0);
(672128.3, 4102576.5,	98.5,	169.3,	0.0);	(672140.1, 4102554.5,	98.5,	169.3,	0.0);
(672152.0, 4102532.6,	98.4,	169.3,	0.0);	(672163.9, 4102510.6,	98.3,	169.3,	0.0);
(672175.7, 4102488.7,	98.3,	169.3,	0.0);	(672187.6, 4102466.7,	98.4,	169.3,	0.0);
(672199.5, 4102444.8,	98.5,	169.3,	0.0);	(672211.3, 4102422.8,	98.8,	169.3,	0.0);
(672223.2, 4102400.8,	99.4,	169.3,	0.0);	(672235.1, 4102378.9,	100.0,	169.3,	0.0);
(672246.9, 4102356.9,	100.5,	169.3,	0.0);	(672258.8, 4102335.0,	101.0,	168.4,	0.0);
(672270.7, 4102313.0,	101.6,	168.4,	0.0);	(672282.5, 4102291.1,	102.2,	168.3,	0.0);
(672294.4, 4102269.1,	102.8,	102.8,	0.0);	(672306.3, 4102247.1,	103.4,	103.4,	0.0);
(672318.1, 4102225.2,	103.8,	103.8,	0.0);	(672330.0, 4102203.2,	104.1,	139.0,	0.0);
(672341.9, 4102181.3,	104.5,	139.0,	0.0);	(672353.8, 4102159.3,	105.2,	139.0,	0.0);
(672365.6, 4102137.4,	106.0,	129.2,	0.0);	(671337.9, 4104129.0,	71.0,	169.9,	0.0);
(671306.9, 4104156.4,	71.0,	169.9,	0.0);	(671255.1, 4104184.2,	71.0,	169.9,	0.0);
(671213.7, 4104185.0,	71.0,	169.9,	0.0);	(671365.3, 4104093.4,	71.0,	169.9,	0.0);
(671377.1, 4104071.4,	71.0,	169.9,	0.0);	(671389.0, 4104049.4,	71.0,	169.9,	0.0);
(671400.9, 4104027.5,	71.0,	169.9,	0.0);	(671412.8, 4104005.5,	71.0,	169.9,	0.0);
(671424.6, 4103983.6,	71.0,	169.9,	0.0);	(671436.5, 4103961.6,	71.0,	169.9,	0.0);
(671448.4, 4103939.7,	71.0,	169.9,	0.0);	(671460.2, 4103917.7,	71.0,	169.9,	0.0);
(671472.1, 4103895.8,	71.4,	169.9,	0.0);	(671484.0, 4103873.8,	72.4,	169.9,	0.0);
(671495.8, 4103851.8,	73.0,	169.9,	0.0);	(671507.7, 4103829.9,	73.3,	169.9,	0.0);
(671519.6, 4103807.9,	73.9,	169.9,	0.0);	(671531.4, 4103786.0,	74.0,	169.9,	0.0);
(671543.3, 4103764.0,	74.3,	169.9,	0.0);	(671555.2, 4103742.0,	74.6,	169.9,	0.0);
(671567.0, 4103720.1,	75.0,	169.9,	0.0);	(671578.9, 4103698.1,	75.2,	169.9,	0.0);
(671590.8, 4103676.2,	75.4,	169.9,	0.0);	(671602.6, 4103654.2,	75.5,	169.9,	0.0);
(671614.5, 4103632.3,	75.5,	169.9,	0.0);	(671626.4, 4103610.3,	75.5,	169.9,	0.0);
(671638.2, 4103588.3,	75.4,	169.9,	0.0);	(671650.1, 4103566.4,	75.4,	169.9,	0.0);
(671662.0, 4103544.4,	75.4,	169.9,	0.0);	(671673.8, 4103522.5,	75.4,	169.9,	0.0);
(671685.7, 4103500.5,	75.6,	169.9,	0.0);	(671697.6, 4103478.6,	75.9,	169.9,	0.0);
(671709.4, 4103456.6,	76.5,	169.9,	0.0);	(671721.3, 4103434.6,	77.3,	169.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671733.2, 4103412.7,	78.2,	169.9,	0.0);	(671745.0, 4103390.7,	79.1,	169.9,	0.0);
(671756.9, 4103368.8,	79.8,	169.6,	0.0);	(671768.8, 4103346.8,	80.3,	169.0,	0.0);
(671780.6, 4103324.9,	80.6,	169.1,	0.0);	(671792.5, 4103302.9,	80.4,	169.1,	0.0);
(671804.4, 4103280.9,	79.9,	169.1,	0.0);	(671816.2, 4103259.0,	79.6,	169.1,	0.0);
(671828.1, 4103237.0,	79.5,	169.1,	0.0);	(671840.0, 4103215.1,	79.5,	169.1,	0.0);
(671851.8, 4103193.1,	79.5,	169.1,	0.0);	(671863.7, 4103171.2,	80.1,	169.1,	0.0);
(671875.6, 4103149.2,	80.7,	169.1,	0.0);	(671887.4, 4103127.2,	81.3,	169.3,	0.0);
(671899.3, 4103105.3,	81.9,	169.3,	0.0);	(671911.2, 4103083.3,	82.3,	169.3,	0.0);
(671923.0, 4103061.4,	82.6,	169.3,	0.0);	(671934.9, 4103039.4,	82.9,	169.3,	0.0);
(671946.8, 4103017.5,	83.1,	169.3,	0.0);	(671958.6, 4102995.5,	83.4,	169.3,	0.0);
(671970.5, 4102973.5,	83.6,	169.3,	0.0);	(671982.4, 4102951.6,	83.9,	169.3,	0.0);
(671994.2, 4102929.6,	84.3,	169.3,	0.0);	(672006.1, 4102907.7,	84.8,	169.3,	0.0);
(672018.0, 4102885.7,	85.3,	169.3,	0.0);	(672029.9, 4102863.8,	85.8,	169.3,	0.0);
(672041.7, 4102841.8,	86.4,	169.3,	0.0);	(672053.6, 4102819.8,	87.2,	169.3,	0.0);
(672065.5, 4102797.9,	88.2,	169.3,	0.0);	(672077.3, 4102775.9,	89.5,	169.3,	0.0);
(672089.2, 4102754.0,	90.7,	169.3,	0.0);	(672101.1, 4102732.0,	91.8,	169.3,	0.0);
(672112.9, 4102710.1,	94.4,	169.3,	0.0);	(672124.8, 4102688.1,	97.9,	169.3,	0.0);
(672136.7, 4102666.1,	98.6,	169.3,	0.0);	(672148.5, 4102644.2,	97.8,	169.3,	0.0);
(672160.4, 4102622.2,	97.8,	169.3,	0.0);	(672172.2, 4102600.3,	98.3,	169.3,	0.0);
(672184.1, 4102578.3,	98.4,	169.3,	0.0);	(672196.0, 4102556.4,	98.4,	169.3,	0.0);
(672207.9, 4102534.4,	98.3,	169.3,	0.0);	(672219.7, 4102512.4,	98.2,	169.3,	0.0);
(672231.6, 4102490.5,	98.2,	169.3,	0.0);	(672243.5, 4102468.5,	98.2,	169.3,	0.0);
(672255.3, 4102446.6,	98.5,	169.3,	0.0);	(672267.2, 4102424.6,	98.9,	98.9,	0.0);
(672279.1, 4102402.7,	99.5,	99.5,	0.0);	(672290.9, 4102380.7,	100.0,	100.0,	0.0);
(672302.8, 4102358.8,	100.5,	139.6,	0.0);	(672314.7, 4102336.8,	101.1,	139.7,	0.0);
(672326.5, 4102314.8,	101.7,	139.9,	0.0);	(672338.4, 4102292.9,	102.2,	140.0,	0.0);
(672350.3, 4102270.9,	102.7,	140.0,	0.0);	(672362.1, 4102249.0,	103.2,	140.0,	0.0);
(672374.0, 4102227.0,	103.7,	140.0,	0.0);	(672385.9, 4102205.0,	104.1,	140.0,	0.0);
(672397.7, 4102183.1,	104.6,	140.0,	0.0);	(672409.6, 4102161.1,	105.6,	140.0,	0.0);
(671380.2, 4104154.3,	71.0,	169.9,	0.0);	(671362.9, 4104169.5,	71.0,	169.9,	0.0);
(671345.7, 4104184.8,	71.0,	169.9,	0.0);	(671328.4, 4104200.0,	71.0,	169.9,	0.0);
(671311.2, 4104215.2,	71.0,	169.9,	0.0);	(671270.9, 4104230.8,	71.0,	169.9,	0.0);
(671248.0, 4104231.3,	71.0,	169.9,	0.0);	(671225.0, 4104231.7,	71.0,	169.9,	0.0);
(671202.0, 4104232.1,	71.0,	169.9,	0.0);	(671179.0, 4104232.5,	71.0,	169.9,	0.0);
(671397.4, 4104139.1,	71.0,	169.9,	0.0);	(671409.3, 4104117.1,	71.0,	169.9,	0.0);
(671421.1, 4104095.2,	71.0,	169.9,	0.0);	(671433.0, 4104073.2,	71.0,	169.9,	0.0);
(671444.9, 4104051.3,	71.0,	169.9,	0.0);	(671456.7, 4104029.3,	71.0,	169.9,	0.0);
(671468.6, 4104007.3,	71.0,	169.9,	0.0);	(671480.5, 4103985.4,	71.0,	169.9,	0.0);
(671492.3, 4103963.4,	71.0,	169.9,	0.0);	(671504.2, 4103941.5,	71.0,	169.9,	0.0);
(671516.1, 4103919.5,	71.0,	169.9,	0.0);	(671527.9, 4103897.6,	71.0,	169.9,	0.0);
(671539.8, 4103875.6,	71.5,	169.9,	0.0);	(671551.7, 4103853.6,	72.2,	169.9,	0.0);
(671563.5, 4103831.7,	72.7,	169.9,	0.0);	(671575.4, 4103809.7,	73.2,	169.9,	0.0);
(671587.3, 4103787.8,	73.9,	169.9,	0.0);	(671599.1, 4103765.8,	74.3,	169.9,	0.0);
(671611.0, 4103743.9,	74.5,	169.9,	0.0);	(671622.9, 4103721.9,	74.6,	169.9,	0.0);
(671634.7, 4103699.9,	74.7,	169.9,	0.0);	(671646.6, 4103678.0,	74.8,	169.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671658.5, 4103656.0,	74.8,	169.9,	0.0);	(671670.3, 4103634.1,	74.6,	169.9,	0.0);
(671682.2, 4103612.1,	74.4,	169.9,	0.0);	(671694.1, 4103590.2,	74.4,	169.9,	0.0);
(671706.0, 4103568.2,	74.4,	169.9,	0.0);	(671717.8, 4103546.2,	74.4,	169.9,	0.0);
(671729.7, 4103524.3,	74.2,	169.9,	0.0);	(671741.6, 4103502.3,	74.3,	169.9,	0.0);
(671753.4, 4103480.4,	74.8,	169.9,	0.0);	(671765.3, 4103458.4,	75.6,	169.9,	0.0);
(671777.2, 4103436.5,	76.7,	169.9,	0.0);	(671789.0, 4103414.5,	78.4,	168.9,	0.0);
(671800.9, 4103392.5,	79.8,	168.9,	0.0);	(671812.8, 4103370.6,	80.6,	168.9,	0.0);
(671824.6, 4103348.6,	81.0,	169.0,	0.0);	(671836.5, 4103326.7,	81.0,	169.0,	0.0);
(671848.4, 4103304.7,	80.8,	169.0,	0.0);	(671860.2, 4103282.8,	80.3,	169.1,	0.0);
(671872.1, 4103260.8,	80.1,	169.1,	0.0);	(671884.0, 4103238.8,	79.9,	169.1,	0.0);
(671895.8, 4103216.9,	79.8,	169.1,	0.0);	(671907.7, 4103194.9,	79.8,	169.1,	0.0);
(671919.6, 4103173.0,	80.0,	169.1,	0.0);	(671931.4, 4103151.0,	80.3,	169.1,	0.0);
(671943.3, 4103129.1,	80.7,	169.1,	0.0);	(671955.2, 4103107.1,	81.2,	169.1,	0.0);
(671967.0, 4103085.1,	81.6,	169.3,	0.0);	(671978.9, 4103063.2,	81.9,	169.3,	0.0);
(671990.8, 4103041.2,	82.2,	169.3,	0.0);	(672002.6, 4103019.3,	82.5,	169.3,	0.0);
(672014.5, 4102997.3,	82.8,	169.3,	0.0);	(672026.4, 4102975.4,	83.2,	169.3,	0.0);
(672038.2, 4102953.4,	83.7,	169.3,	0.0);	(672050.1, 4102931.4,	84.2,	169.3,	0.0);
(672062.0, 4102909.5,	84.7,	169.3,	0.0);	(672073.8, 4102887.5,	85.3,	169.3,	0.0);
(672085.7, 4102865.6,	85.8,	169.3,	0.0);	(672097.6, 4102843.6,	86.4,	169.3,	0.0);
(672109.4, 4102821.7,	87.4,	169.3,	0.0);	(672121.3, 4102799.7,	89.1,	169.3,	0.0);
(672133.2, 4102777.8,	91.3,	169.3,	0.0);	(672145.0, 4102755.8,	94.4,	169.3,	0.0);
(672156.9, 4102733.8,	98.8,	98.8,	0.0);	(672168.8, 4102711.9,	98.6,	98.6,	0.0);
(672180.6, 4102689.9,	98.6,	98.6,	0.0);	(672192.5, 4102668.0,	97.2,	169.3,	0.0);
(672204.4, 4102646.0,	96.2,	169.3,	0.0);	(672216.2, 4102624.0,	96.5,	169.3,	0.0);
(672228.1, 4102602.1,	96.8,	169.3,	0.0);	(672240.0, 4102580.1,	97.0,	169.3,	0.0);
(672251.8, 4102558.2,	97.0,	97.0,	0.0);	(672263.7, 4102536.2,	97.0,	97.0,	0.0);
(672275.6, 4102514.3,	97.2,	97.2,	0.0);	(672287.4, 4102492.3,	97.4,	97.4,	0.0);
(672299.3, 4102470.3,	97.8,	97.8,	0.0);	(672311.2, 4102448.4,	98.4,	139.7,	0.0);
(672323.1, 4102426.4,	98.8,	140.0,	0.0);	(672334.9, 4102404.5,	99.4,	140.0,	0.0);
(672346.8, 4102382.5,	100.0,	140.0,	0.0);	(672358.7, 4102360.6,	100.6,	140.0,	0.0);
(672370.5, 4102338.6,	101.3,	140.0,	0.0);	(672382.4, 4102316.6,	102.1,	140.0,	0.0);
(672394.2, 4102294.7,	102.8,	140.0,	0.0);	(672406.1, 4102272.7,	103.5,	140.0,	0.0);
(672418.0, 4102250.8,	104.1,	140.0,	0.0);	(672429.9, 4102228.8,	104.9,	140.0,	0.0);
(672441.7, 4102206.9,	105.7,	140.0,	0.0);	(672453.6, 4102184.9,	106.7,	140.0,	0.0);
(671422.9, 4104179.2,	71.2,	169.9,	0.0);	(671404.4, 4104195.5,	71.8,	169.9,	0.0);
(671386.0, 4104211.8,	72.7,	169.9,	0.0);	(671367.5, 4104228.1,	73.7,	169.9,	0.0);
(671349.0, 4104244.4,	74.9,	169.9,	0.0);	(671330.5, 4104260.7,	77.2,	169.9,	0.0);
(671287.4, 4104277.5,	76.1,	169.9,	0.0);	(671262.8, 4104277.9,	73.4,	169.9,	0.0);
(671238.2, 4104278.4,	71.6,	169.9,	0.0);	(671213.5, 4104278.8,	71.0,	169.9,	0.0);
(671188.9, 4104279.3,	71.0,	169.9,	0.0);	(671164.2, 4104279.8,	71.0,	169.9,	0.0);
(671441.4, 4104162.9,	71.0,	169.9,	0.0);	(671453.2, 4104140.9,	71.0,	169.9,	0.0);
(671465.1, 4104118.9,	71.0,	169.9,	0.0);	(671477.0, 4104097.0,	71.0,	169.9,	0.0);
(671488.9, 4104075.0,	71.0,	169.9,	0.0);	(671500.7, 4104053.1,	71.0,	169.9,	0.0);
(671512.6, 4104031.1,	71.0,	169.9,	0.0);	(671524.5, 4104009.2,	71.0,	169.9,	0.0);
(671536.3, 4103987.2,	71.0,	169.9,	0.0);	(671548.2, 4103965.2,	71.0,	169.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671560.1, 4103943.3,	71.0,	169.9,	0.0);	(671571.9, 4103921.3,	71.0,	169.9,	0.0);
(671583.8, 4103899.4,	71.0,	169.9,	0.0);	(671595.7, 4103877.4,	71.2,	169.9,	0.0);
(671607.5, 4103855.5,	71.8,	169.9,	0.0);	(671619.4, 4103833.5,	72.4,	169.9,	0.0);
(671631.3, 4103811.5,	72.9,	169.9,	0.0);	(671643.1, 4103789.6,	73.3,	169.9,	0.0);
(671655.0, 4103767.6,	73.6,	169.9,	0.0);	(671666.9, 4103745.7,	73.8,	169.9,	0.0);
(671678.7, 4103723.7,	73.9,	169.9,	0.0);	(671690.6, 4103701.8,	74.0,	169.9,	0.0);
(671702.5, 4103679.8,	74.0,	169.9,	0.0);	(671714.3, 4103657.8,	73.9,	169.9,	0.0);
(671726.2, 4103635.9,	73.8,	169.9,	0.0);	(671738.1, 4103613.9,	73.8,	169.9,	0.0);
(671749.9, 4103592.0,	73.7,	169.9,	0.0);	(671761.8, 4103570.0,	73.7,	169.9,	0.0);
(671773.7, 4103548.1,	73.7,	169.9,	0.0);	(671785.5, 4103526.1,	73.7,	169.9,	0.0);
(671797.4, 4103504.1,	73.9,	169.9,	0.0);	(671809.3, 4103482.2,	74.0,	169.9,	0.0);
(671821.1, 4103460.2,	74.1,	169.9,	0.0);	(671833.0, 4103438.3,	76.1,	168.9,	0.0);
(671844.9, 4103416.3,	79.6,	168.9,	0.0);	(671856.7, 4103394.4,	80.6,	168.9,	0.0);
(671868.6, 4103372.4,	81.2,	168.9,	0.0);	(671880.5, 4103350.4,	81.4,	168.9,	0.0);
(671892.3, 4103328.5,	81.4,	168.9,	0.0);	(671904.2, 4103306.5,	81.4,	169.0,	0.0);
(671916.1, 4103284.6,	80.9,	169.0,	0.0);	(671927.9, 4103262.6,	80.4,	169.1,	0.0);
(671939.8, 4103240.7,	80.0,	169.1,	0.0);	(671951.7, 4103218.7,	79.8,	169.1,	0.0);
(671963.5, 4103196.8,	79.7,	169.1,	0.0);	(671975.4, 4103174.8,	79.8,	169.1,	0.0);
(671987.3, 4103152.8,	80.1,	169.1,	0.0);	(671999.2, 4103130.9,	80.4,	169.1,	0.0);
(672011.0, 4103108.9,	80.8,	169.1,	0.0);	(672022.9, 4103087.0,	81.2,	169.1,	0.0);
(672034.8, 4103065.0,	81.4,	169.1,	0.0);	(672046.6, 4103043.0,	81.7,	169.3,	0.0);
(672058.5, 4103021.1,	82.0,	169.3,	0.0);	(672070.4, 4102999.1,	82.4,	169.3,	0.0);
(672082.2, 4102977.2,	83.0,	169.3,	0.0);	(672094.1, 4102955.2,	83.5,	169.3,	0.0);
(672106.0, 4102933.3,	84.1,	169.3,	0.0);	(672117.8, 4102911.3,	84.7,	169.3,	0.0);
(672129.7, 4102889.3,	85.2,	169.3,	0.0);	(672141.6, 4102867.4,	85.8,	169.3,	0.0);
(672153.4, 4102845.4,	86.4,	169.3,	0.0);	(672165.3, 4102823.5,	87.6,	169.3,	0.0);
(672177.2, 4102801.5,	89.6,	169.3,	0.0);	(672189.0, 4102779.6,	91.3,	169.3,	0.0);
(672200.9, 4102757.6,	91.8,	169.3,	0.0);	(672212.8, 4102735.6,	92.7,	169.1,	0.0);
(672224.6, 4102713.7,	93.7,	98.6,	0.0);	(672236.5, 4102691.7,	94.4,	94.4,	0.0);
(672248.4, 4102669.8,	94.6,	94.6,	0.0);	(672260.2, 4102647.8,	94.9,	94.9,	0.0);
(672272.1, 4102625.9,	95.3,	95.3,	0.0);	(672284.0, 4102603.9,	95.6,	95.6,	0.0);
(672295.8, 4102581.9,	95.9,	95.9,	0.0);	(672307.7, 4102560.0,	96.1,	96.1,	0.0);
(672319.6, 4102538.0,	96.5,	96.5,	0.0);	(672331.4, 4102516.1,	96.8,	139.7,	0.0);
(672343.3, 4102494.1,	97.3,	140.0,	0.0);	(672355.2, 4102472.2,	97.8,	140.0,	0.0);
(672367.0, 4102450.2,	98.4,	140.0,	0.0);	(672378.9, 4102428.2,	98.9,	140.0,	0.0);
(672390.8, 4102406.3,	99.4,	140.0,	0.0);	(672402.6, 4102384.3,	99.9,	140.0,	0.0);
(672414.5, 4102362.4,	100.7,	140.0,	0.0);	(672426.4, 4102340.4,	101.7,	140.0,	0.0);
(672438.2, 4102318.5,	102.8,	140.0,	0.0);	(672450.1, 4102296.5,	103.7,	140.0,	0.0);
(672462.0, 4102274.5,	104.5,	140.0,	0.0);	(672473.8, 4102252.6,	105.6,	140.0,	0.0);
(672485.7, 4102230.6,	106.3,	140.0,	0.0);	(672497.6, 4102208.7,	107.8,	140.0,	0.0);
(671497.5, 4104217.7,	75.8,	169.9,	0.0);	(671480.2, 4104232.9,	76.2,	169.9,	0.0);
(671463.0, 4104248.1,	76.7,	169.9,	0.0);	(671445.7, 4104263.4,	77.0,	169.9,	0.0);
(671428.5, 4104278.6,	77.3,	169.9,	0.0);	(671411.2, 4104293.8,	77.6,	169.9,	0.0);
(671394.0, 4104309.0,	77.9,	169.9,	0.0);	(671376.8, 4104324.2,	78.1,	169.9,	0.0);
(671359.5, 4104339.4,	78.3,	169.9,	0.0);	(671319.3, 4104355.1,	79.5,	169.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671296.3, 4104355.5,	80.1,	169.9,	0.0);	(671273.3, 4104356.0,	80.5,	169.9,	0.0);
(671250.3, 4104356.4,	81.2,	169.9,	0.0);	(671227.3, 4104356.8,	80.8,	169.9,	0.0);
(671204.3, 4104357.2,	80.4,	169.9,	0.0);	(671181.3, 4104357.7,	79.8,	169.9,	0.0);
(671158.3, 4104358.1,	78.7,	169.9,	0.0);	(671135.3, 4104358.5,	76.6,	169.9,	0.0);
(671514.7, 4104202.5,	75.4,	169.9,	0.0);	(671526.6, 4104180.5,	73.3,	169.9,	0.0);
(671538.4, 4104158.6,	71.0,	169.9,	0.0);	(671550.3, 4104136.6,	71.0,	169.9,	0.0);
(671562.2, 4104114.7,	71.0,	169.9,	0.0);	(671574.0, 4104092.7,	71.0,	169.9,	0.0);
(671585.9, 4104070.8,	71.0,	169.9,	0.0);	(671597.8, 4104048.8,	71.0,	169.9,	0.0);
(671609.6, 4104026.8,	71.0,	169.9,	0.0);	(671621.5, 4104004.9,	71.0,	169.9,	0.0);
(671633.4, 4103982.9,	71.0,	169.9,	0.0);	(671645.2, 4103961.0,	71.0,	169.9,	0.0);
(671657.1, 4103939.0,	71.0,	169.9,	0.0);	(671669.0, 4103917.0,	71.0,	169.9,	0.0);
(671680.8, 4103895.1,	71.0,	169.9,	0.0);	(671692.7, 4103873.1,	71.0,	169.9,	0.0);
(671704.6, 4103851.2,	71.2,	169.9,	0.0);	(671716.4, 4103829.2,	71.5,	169.9,	0.0);
(671728.3, 4103807.3,	71.7,	169.9,	0.0);	(671740.2, 4103785.3,	71.9,	169.9,	0.0);
(671752.0, 4103763.3,	72.1,	169.9,	0.0);	(671763.9, 4103741.4,	72.3,	169.9,	0.0);
(671775.8, 4103719.4,	72.5,	169.9,	0.0);	(671787.6, 4103697.5,	72.6,	169.9,	0.0);
(671799.5, 4103675.5,	72.7,	169.9,	0.0);	(671811.4, 4103653.6,	72.8,	169.9,	0.0);
(671823.2, 4103631.6,	72.8,	169.9,	0.0);	(671835.1, 4103609.6,	72.9,	169.9,	0.0);
(671847.0, 4103587.7,	73.0,	169.9,	0.0);	(671858.9, 4103565.7,	73.2,	169.6,	0.0);
(671870.7, 4103543.8,	73.4,	168.9,	0.0);	(671882.6, 4103521.8,	73.6,	168.9,	0.0);
(671894.5, 4103499.9,	73.8,	168.9,	0.0);	(671906.3, 4103477.9,	74.1,	168.9,	0.0);
(671918.2, 4103455.9,	78.8,	168.9,	0.0);	(671930.1, 4103434.0,	81.0,	168.9,	0.0);
(671941.9, 4103412.0,	81.7,	168.9,	0.0);	(671953.8, 4103390.1,	82.4,	168.9,	0.0);
(671965.7, 4103368.1,	83.0,	168.9,	0.0);	(671977.5, 4103346.2,	83.4,	168.9,	0.0);
(671989.4, 4103324.2,	83.6,	168.9,	0.0);	(672001.2, 4103302.2,	83.5,	168.9,	0.0);
(672013.1, 4103280.3,	82.9,	168.9,	0.0);	(672025.0, 4103258.3,	81.7,	168.9,	0.0);
(672036.9, 4103236.4,	80.3,	168.9,	0.0);	(672048.7, 4103214.4,	79.8,	169.0,	0.0);
(672060.6, 4103192.5,	79.7,	169.0,	0.0);	(672072.5, 4103170.5,	79.7,	169.1,	0.0);
(672084.3, 4103148.5,	79.8,	169.1,	0.0);	(672096.2, 4103126.6,	79.9,	169.1,	0.0);
(672108.1, 4103104.6,	80.1,	169.1,	0.0);	(672119.9, 4103082.7,	80.2,	169.1,	0.0);
(672131.8, 4103060.7,	80.5,	169.1,	0.0);	(672143.7, 4103038.8,	81.0,	169.1,	0.0);
(672155.5, 4103016.8,	81.7,	169.1,	0.0);	(672167.4, 4102994.8,	82.3,	169.1,	0.0);
(672179.3, 4102972.9,	83.0,	169.1,	0.0);	(672191.1, 4102950.9,	83.6,	169.1,	0.0);
(672203.0, 4102929.0,	84.2,	169.1,	0.0);	(672214.9, 4102907.0,	84.8,	169.1,	0.0);
(672226.7, 4102885.1,	85.4,	169.1,	0.0);	(672238.6, 4102863.1,	86.0,	169.0,	0.0);
(672250.5, 4102841.1,	86.8,	86.8,	0.0);	(672262.3, 4102819.2,	87.8,	87.8,	0.0);
(672274.2, 4102797.2,	88.8,	88.8,	0.0);	(672286.1, 4102775.3,	89.9,	89.9,	0.0);
(672297.9, 4102753.3,	90.9,	90.9,	0.0);	(672309.8, 4102731.4,	91.8,	91.8,	0.0);
(672321.7, 4102709.4,	92.6,	92.6,	0.0);	(672333.5, 4102687.4,	93.1,	93.1,	0.0);
(672345.4, 4102665.5,	93.5,	93.5,	0.0);	(672357.3, 4102643.5,	94.0,	94.0,	0.0);
(672369.1, 4102621.6,	94.4,	94.4,	0.0);	(672381.0, 4102599.6,	94.8,	140.0,	0.0);
(672392.9, 4102577.7,	95.3,	140.0,	0.0);	(672404.7, 4102555.7,	95.7,	140.0,	0.0);
(672416.6, 4102533.7,	96.2,	140.0,	0.0);	(672428.5, 4102511.8,	96.7,	140.0,	0.0);
(672440.3, 4102489.8,	97.1,	140.0,	0.0);	(672452.2, 4102467.9,	97.6,	140.0,	0.0);
(672464.1, 4102445.9,	98.0,	140.0,	0.0);	(672476.0, 4102424.0,	98.6,	140.0,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672487.8,	4102402.0,	99.5,	140.0,	0.0);	(672499.7,	4102380.0,	100.5,	140.0,	0.0);
(672511.6,	4102358.1,	101.7,	140.0,	0.0);	(672523.4,	4102336.1,	102.8,	140.0,	0.0);
(672535.3,	4102314.2,	103.5,	140.0,	0.0);	(672547.2,	4102292.2,	104.2,	140.0,	0.0);
(672559.0,	4102270.3,	107.3,	140.0,	0.0);	(672570.9,	4102248.3,	115.6,	140.0,	0.0);
(671570.0,	4104258.0,	74.4,	169.9,	0.0);	(671552.1,	4104273.8,	75.0,	169.9,	0.0);
(671534.1,	4104289.7,	74.9,	169.9,	0.0);	(671516.2,	4104305.5,	74.9,	169.9,	0.0);
(671498.2,	4104321.4,	74.7,	169.9,	0.0);	(671480.2,	4104337.2,	74.5,	169.9,	0.0);
(671462.3,	4104353.1,	74.3,	169.9,	0.0);	(671444.3,	4104368.9,	74.4,	169.9,	0.0);
(671426.4,	4104384.8,	75.0,	169.9,	0.0);	(671408.4,	4104400.6,	77.0,	169.9,	0.0);
(671390.4,	4104416.5,	79.2,	169.7,	0.0);	(671348.5,	4104432.8,	83.4,	169.7,	0.0);
(671324.6,	4104433.2,	85.5,	169.7,	0.0);	(671300.6,	4104433.7,	85.5,	169.7,	0.0);
(671276.7,	4104434.1,	84.9,	169.7,	0.0);	(671252.7,	4104434.6,	84.5,	169.7,	0.0);
(671228.8,	4104435.0,	83.9,	169.8,	0.0);	(671204.8,	4104435.5,	83.4,	169.9,	0.0);
(671180.9,	4104435.9,	83.1,	169.9,	0.0);	(671156.9,	4104436.4,	82.8,	169.9,	0.0);
(671133.0,	4104436.8,	82.6,	169.9,	0.0);	(671109.0,	4104437.3,	82.3,	169.9,	0.0);
(671588.0,	4104242.1,	72.0,	169.9,	0.0);	(671599.9,	4104220.2,	71.0,	169.9,	0.0);
(671611.7,	4104198.2,	71.0,	169.9,	0.0);	(671623.6,	4104176.2,	71.0,	169.9,	0.0);
(671635.5,	4104154.3,	71.0,	169.9,	0.0);	(671647.3,	4104132.3,	71.0,	169.9,	0.0);
(671659.2,	4104110.4,	71.0,	169.9,	0.0);	(671671.1,	4104088.4,	71.0,	169.9,	0.0);
(671682.9,	4104066.5,	71.1,	169.9,	0.0);	(671694.8,	4104044.5,	71.1,	169.9,	0.0);
(671706.7,	4104022.5,	71.0,	169.9,	0.0);	(671718.5,	4104000.6,	71.0,	169.9,	0.0);
(671730.4,	4103978.6,	71.0,	169.9,	0.0);	(671742.3,	4103956.7,	71.1,	169.9,	0.0);
(671754.2,	4103934.7,	71.2,	169.9,	0.0);	(671766.0,	4103912.8,	71.3,	169.9,	0.0);
(671777.9,	4103890.8,	71.4,	169.9,	0.0);	(671789.8,	4103868.8,	71.6,	169.9,	0.0);
(671801.6,	4103846.9,	71.7,	169.9,	0.0);	(671813.5,	4103824.9,	71.8,	169.9,	0.0);
(671825.4,	4103803.0,	71.9,	169.9,	0.0);	(671837.2,	4103781.0,	72.0,	169.9,	0.0);
(671849.1,	4103759.1,	72.0,	169.9,	0.0);	(671861.0,	4103737.1,	72.1,	169.9,	0.0);
(671872.8,	4103715.1,	72.3,	169.6,	0.0);	(671884.7,	4103693.2,	72.4,	168.9,	0.0);
(671896.6,	4103671.2,	72.5,	168.9,	0.0);	(671908.4,	4103649.3,	72.6,	168.9,	0.0);
(671920.3,	4103627.3,	72.8,	168.9,	0.0);	(671932.2,	4103605.3,	73.0,	168.9,	0.0);
(671944.0,	4103583.4,	73.1,	168.9,	0.0);	(671955.9,	4103561.4,	73.3,	168.9,	0.0);
(671967.8,	4103539.5,	73.6,	168.9,	0.0);	(671979.6,	4103517.5,	73.8,	168.9,	0.0);
(671991.5,	4103495.6,	74.2,	168.9,	0.0);	(672003.4,	4103473.6,	77.8,	168.9,	0.0);
(672015.2,	4103451.6,	80.6,	168.7,	0.0);	(672027.1,	4103429.7,	81.8,	168.3,	0.0);
(672039.0,	4103407.7,	82.9,	82.9,	0.0);	(672050.8,	4103385.8,	84.1,	84.1,	0.0);
(672062.7,	4103363.8,	85.0,	85.0,	0.0);	(672074.6,	4103341.9,	85.7,	85.7,	0.0);
(672086.4,	4103319.9,	86.6,	86.6,	0.0);	(672098.3,	4103297.9,	86.0,	86.0,	0.0);
(672110.2,	4103276.0,	84.5,	84.5,	0.0);	(672122.0,	4103254.0,	83.6,	83.6,	0.0);
(672133.9,	4103232.1,	82.2,	88.4,	0.0);	(672145.8,	4103210.1,	80.0,	168.9,	0.0);
(672157.6,	4103188.2,	79.8,	168.9,	0.0);	(672169.5,	4103166.2,	79.7,	168.9,	0.0);
(672181.4,	4103144.2,	79.7,	168.9,	0.0);	(672193.2,	4103122.3,	79.8,	168.9,	0.0);
(672205.1,	4103100.3,	80.0,	168.9,	0.0);	(672217.0,	4103078.4,	80.3,	168.7,	0.0);
(672228.8,	4103056.4,	80.9,	80.9,	0.0);	(672240.7,	4103034.5,	81.5,	81.5,	0.0);
(672252.6,	4103012.5,	82.2,	82.2,	0.0);	(672264.4,	4102990.5,	82.8,	82.8,	0.0);
(672276.3,	4102968.6,	83.5,	83.5,	0.0);	(672288.2,	4102946.6,	84.1,	84.1,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672300.0,	4102924.7,	84.7,	84.7,	0.0);	(672311.9,	4102902.7,	85.4,	85.4,	0.0);
(672323.8,	4102880.8,	86.0,	86.0,	0.0);	(672335.6,	4102858.8,	86.6,	86.6,	0.0);
(672347.5,	4102836.8,	87.3,	87.3,	0.0);	(672359.4,	4102814.9,	88.0,	88.0,	0.0);
(672371.2,	4102792.9,	88.8,	88.8,	0.0);	(672383.1,	4102771.0,	89.7,	89.7,	0.0);
(672395.0,	4102749.0,	90.5,	90.5,	0.0);	(672406.9,	4102727.1,	91.2,	91.2,	0.0);
(672418.7,	4102705.1,	91.9,	91.9,	0.0);	(672430.6,	4102683.1,	92.5,	139.6,	0.0);
(672442.5,	4102661.2,	93.0,	140.0,	0.0);	(672454.3,	4102639.2,	93.5,	140.0,	0.0);
(672466.2,	4102617.3,	94.0,	140.0,	0.0);	(672478.1,	4102595.3,	94.5,	140.0,	0.0);
(672489.9,	4102573.4,	95.1,	140.0,	0.0);	(672501.8,	4102551.4,	95.6,	140.0,	0.0);
(672513.7,	4102529.4,	96.2,	140.0,	0.0);	(672525.5,	4102507.5,	96.7,	140.0,	0.0);
(672537.4,	4102485.5,	97.3,	140.0,	0.0);	(672549.3,	4102463.6,	97.8,	140.0,	0.0);
(672561.1,	4102441.6,	98.5,	140.0,	0.0);	(672573.0,	4102419.7,	100.0,	140.0,	0.0);
(672584.9,	4102397.7,	102.3,	140.0,	0.0);	(672596.7,	4102375.8,	104.6,	140.0,	0.0);
(672608.6,	4102353.8,	107.8,	140.0,	0.0);	(672620.5,	4102331.8,	112.1,	140.0,	0.0);
(672632.3,	4102309.9,	120.4,	140.0,	0.0);	(672644.2,	4102287.9,	133.2,	140.0,	0.0);
(671642.8,	4104298.0,	71.0,	169.7,	0.0);	(671624.4,	4104314.3,	71.0,	169.8,	0.0);
(671605.9,	4104330.6,	71.0,	169.8,	0.0);	(671587.4,	4104347.0,	71.0,	169.9,	0.0);
(671568.9,	4104363.3,	71.0,	169.9,	0.0);	(671550.5,	4104379.6,	71.0,	169.9,	0.0);
(671532.0,	4104395.9,	71.0,	169.9,	0.0);	(671513.5,	4104412.2,	71.0,	169.9,	0.0);
(671495.0,	4104428.5,	71.0,	169.8,	0.0);	(671476.6,	4104444.8,	71.1,	169.8,	0.0);
(671458.1,	4104461.1,	71.9,	169.7,	0.0);	(671439.6,	4104477.4,	72.7,	169.7,	0.0);
(671421.2,	4104493.7,	73.5,	169.7,	0.0);	(671378.0,	4104510.5,	75.6,	169.7,	0.0);
(671353.4,	4104510.9,	77.6,	169.7,	0.0);	(671328.8,	4104511.4,	79.4,	169.7,	0.0);
(671304.1,	4104511.8,	82.0,	168.9,	0.0);	(671279.5,	4104512.3,	86.1,	168.7,	0.0);
(671254.9,	4104512.8,	86.6,	168.9,	0.0);	(671230.2,	4104513.2,	84.9,	168.9,	0.0);
(671205.6,	4104513.7,	86.1,	168.9,	0.0);	(671180.9,	4104514.1,	86.2,	169.7,	0.0);
(671156.3,	4104514.6,	85.7,	169.7,	0.0);	(671131.7,	4104515.1,	85.1,	169.7,	0.0);
(671107.0,	4104515.5,	84.7,	169.7,	0.0);	(671082.4,	4104516.0,	85.0,	169.7,	0.0);
(671661.3,	4104281.7,	71.0,	169.7,	0.0);	(671673.2,	4104259.8,	71.0,	169.7,	0.0);
(671685.1,	4104237.8,	71.0,	169.8,	0.0);	(671696.9,	4104215.9,	71.0,	169.9,	0.0);
(671708.8,	4104193.9,	71.0,	169.9,	0.0);	(671720.7,	4104171.9,	71.0,	169.9,	0.0);
(671732.5,	4104150.0,	71.0,	169.9,	0.0);	(671744.4,	4104128.0,	73.6,	74.5,	0.0);
(671756.2,	4104106.1,	75.2,	75.2,	0.0);	(671768.1,	4104084.1,	74.8,	74.8,	0.0);
(671780.0,	4104062.2,	74.5,	74.5,	0.0);	(671791.9,	4104040.2,	74.3,	74.3,	0.0);
(671803.7,	4104018.2,	74.2,	74.2,	0.0);	(671815.6,	4103996.3,	74.0,	74.0,	0.0);
(671827.5,	4103974.3,	73.8,	73.8,	0.0);	(671839.3,	4103952.4,	73.5,	73.5,	0.0);
(671851.2,	4103930.4,	73.3,	73.3,	0.0);	(671863.1,	4103908.5,	73.0,	73.0,	0.0);
(671874.9,	4103886.5,	72.8,	72.8,	0.0);	(671886.8,	4103864.5,	72.7,	72.7,	0.0);
(671898.7,	4103842.6,	72.6,	72.6,	0.0);	(671910.5,	4103820.6,	72.6,	168.9,	0.0);
(671922.4,	4103798.7,	72.5,	168.9,	0.0);	(671934.3,	4103776.7,	72.5,	168.9,	0.0);
(671946.1,	4103754.8,	72.6,	168.9,	0.0);	(671958.0,	4103732.8,	72.6,	168.9,	0.0);
(671969.9,	4103710.8,	72.6,	168.9,	0.0);	(671981.7,	4103688.9,	72.7,	168.9,	0.0);
(671993.6,	4103666.9,	72.8,	168.9,	0.0);	(672005.5,	4103645.0,	72.9,	168.9,	0.0);
(672017.3,	4103623.0,	73.0,	168.7,	0.0);	(672029.2,	4103601.1,	73.1,	168.7,	0.0);
(672041.1,	4103579.1,	73.2,	168.7,	0.0);	(672052.9,	4103557.1,	73.4,	168.7,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672064.8, 4103535.2,	73.6,	168.7,	0.0);	(672076.7, 4103513.2,	73.8,	168.6,	0.0);
(672088.5, 4103491.3,	73.9,	73.9,	0.0);	(672100.4, 4103469.3,	74.7,	86.6,	0.0);
(672112.3, 4103447.4,	77.1,	86.6,	0.0);	(672124.1, 4103425.4,	79.8,	86.6,	0.0);
(672136.0, 4103403.4,	81.5,	86.6,	0.0);	(672147.9, 4103381.5,	83.4,	86.6,	0.0);
(672159.7, 4103359.5,	84.8,	84.8,	0.0);	(672171.6, 4103337.6,	84.9,	84.9,	0.0);
(672183.5, 4103315.6,	85.9,	85.9,	0.0);	(672195.3, 4103293.7,	86.8,	86.8,	0.0);
(672207.2, 4103271.7,	88.2,	88.2,	0.0);	(672219.1, 4103249.8,	89.2,	89.2,	0.0);
(672231.0, 4103227.8,	87.8,	89.6,	0.0);	(672242.8, 4103205.8,	83.9,	90.1,	0.0);
(672254.7, 4103183.9,	79.8,	90.1,	0.0);	(672266.6, 4103161.9,	79.7,	90.1,	0.0);
(672278.4, 4103140.0,	80.0,	89.6,	0.0);	(672290.3, 4103118.0,	80.3,	80.3,	0.0);
(672302.2, 4103096.0,	80.8,	80.8,	0.0);	(672314.0, 4103074.1,	81.3,	81.3,	0.0);
(672325.9, 4103052.1,	81.8,	81.8,	0.0);	(672337.8, 4103030.2,	82.2,	82.2,	0.0);
(672349.6, 4103008.2,	82.8,	82.8,	0.0);	(672361.5, 4102986.3,	83.4,	83.4,	0.0);
(672373.4, 4102964.3,	83.9,	83.9,	0.0);	(672385.2, 4102942.3,	84.5,	84.5,	0.0);
(672397.1, 4102920.4,	85.1,	85.1,	0.0);	(672409.0, 4102898.4,	85.7,	85.7,	0.0);
(672420.8, 4102876.5,	86.2,	86.2,	0.0);	(672432.7, 4102854.5,	86.8,	86.8,	0.0);
(672444.6, 4102832.6,	87.4,	87.4,	0.0);	(672456.4, 4102810.6,	88.0,	88.0,	0.0);
(672468.3, 4102788.6,	88.8,	88.8,	0.0);	(672480.2, 4102766.7,	89.5,	89.5,	0.0);
(672492.0, 4102744.7,	90.2,	139.6,	0.0);	(672503.9, 4102722.8,	90.9,	140.0,	0.0);
(672515.8, 4102700.8,	91.6,	140.0,	0.0);	(672527.6, 4102678.9,	92.2,	140.0,	0.0);
(672539.5, 4102656.9,	92.8,	140.0,	0.0);	(672551.4, 4102634.9,	93.3,	140.0,	0.0);
(672563.2, 4102613.0,	93.9,	140.0,	0.0);	(672575.1, 4102591.0,	94.6,	140.0,	0.0);
(672587.0, 4102569.1,	95.3,	140.0,	0.0);	(672598.8, 4102547.1,	96.0,	140.0,	0.0);
(672610.7, 4102525.2,	96.7,	140.0,	0.0);	(672622.6, 4102503.2,	97.5,	140.0,	0.0);
(672634.4, 4102481.2,	98.2,	162.8,	0.0);	(672646.3, 4102459.3,	99.4,	163.0,	0.0);
(672658.2, 4102437.3,	101.3,	163.0,	0.0);	(672670.0, 4102415.4,	103.6,	163.0,	0.0);
(672681.9, 4102393.4,	106.1,	163.0,	0.0);	(672693.8, 4102371.5,	109.2,	162.1,	0.0);
(672705.6, 4102349.5,	114.1,	140.0,	0.0);	(672717.5, 4102327.5,	125.3,	140.0,	0.0);
(671862.8, 4104416.9,	71.0,	71.0,	0.0);	(671844.3, 4104433.2,	71.0,	71.0,	0.0);
(671825.8, 4104449.5,	71.0,	71.0,	0.0);	(671807.4, 4104465.8,	71.0,	71.0,	0.0);
(671788.9, 4104482.1,	71.0,	71.0,	0.0);	(671770.4, 4104498.4,	71.0,	71.0,	0.0);
(671751.9, 4104514.7,	71.0,	71.0,	0.0);	(671733.5, 4104531.0,	71.0,	71.0,	0.0);
(671715.0, 4104547.3,	71.0,	71.0,	0.0);	(671696.5, 4104563.6,	71.0,	71.0,	0.0);
(671678.0, 4104580.0,	71.0,	71.0,	0.0);	(671659.6, 4104596.3,	71.0,	71.0,	0.0);
(671641.1, 4104612.6,	71.0,	71.0,	0.0);	(671622.6, 4104628.9,	71.9,	71.9,	0.0);
(671604.1, 4104645.2,	72.8,	72.8,	0.0);	(671585.7, 4104661.5,	73.8,	73.8,	0.0);
(671567.2, 4104677.8,	74.5,	74.5,	0.0);	(671548.7, 4104694.1,	75.1,	75.1,	0.0);
(671530.2, 4104710.4,	75.6,	75.6,	0.0);	(671511.8, 4104726.7,	76.2,	76.2,	0.0);
(671468.7, 4104743.5,	77.2,	77.2,	0.0);	(671444.0, 4104743.9,	77.6,	77.6,	0.0);
(671419.4, 4104744.4,	78.1,	78.1,	0.0);	(671394.7, 4104744.8,	78.7,	78.7,	0.0);
(671370.1, 4104745.3,	79.2,	79.2,	0.0);	(671345.5, 4104745.8,	79.6,	79.6,	0.0);
(671320.8, 4104746.2,	80.0,	80.0,	0.0);	(671296.2, 4104746.7,	80.2,	80.2,	0.0);
(671271.6, 4104747.1,	80.6,	80.6,	0.0);	(671246.9, 4104747.6,	80.9,	168.9,	0.0);
(671222.3, 4104748.1,	81.2,	168.9,	0.0);	(671197.7, 4104748.5,	81.3,	168.9,	0.0);
(671173.0, 4104749.0,	81.5,	168.9,	0.0);	(671148.4, 4104749.4,	81.6,	168.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671123.7,	4104749.9,	81.8,	168.9,	0.0);	(671099.1,	4104750.4,	82.3,	168.9,	0.0);
(671074.5,	4104750.8,	83.2,	168.9,	0.0);	(671049.8,	4104751.3,	84.2,	168.9,	0.0);
(671025.2,	4104751.8,	85.2,	168.9,	0.0);	(671000.6,	4104752.2,	86.2,	168.9,	0.0);
(671881.2,	4104400.6,	71.0,	71.0,	0.0);	(671893.1,	4104378.6,	71.0,	71.0,	0.0);
(671905.0,	4104356.7,	71.0,	71.0,	0.0);	(671916.9,	4104334.7,	71.0,	71.0,	0.0);
(671928.7,	4104312.8,	71.0,	71.0,	0.0);	(671940.6,	4104290.8,	71.0,	71.0,	0.0);
(671952.5,	4104268.9,	71.0,	71.0,	0.0);	(671964.3,	4104246.9,	71.0,	71.0,	0.0);
(671976.2,	4104224.9,	71.0,	71.0,	0.0);	(671988.1,	4104203.0,	71.0,	71.0,	0.0);
(671999.9,	4104181.0,	71.0,	71.0,	0.0);	(672011.8,	4104159.1,	71.0,	71.0,	0.0);
(672023.7,	4104137.1,	71.0,	71.0,	0.0);	(672035.5,	4104115.2,	71.0,	71.0,	0.0);
(672047.4,	4104093.2,	71.0,	71.0,	0.0);	(672059.3,	4104071.2,	71.0,	71.0,	0.0);
(672071.1,	4104049.3,	71.0,	71.0,	0.0);	(672083.0,	4104027.3,	71.0,	71.0,	0.0);
(672094.9,	4104005.4,	71.0,	71.0,	0.0);	(672106.7,	4103983.4,	71.0,	71.0,	0.0);
(672118.6,	4103961.5,	71.0,	71.0,	0.0);	(672130.5,	4103939.5,	71.0,	71.0,	0.0);
(672142.3,	4103917.5,	71.0,	71.0,	0.0);	(672154.2,	4103895.6,	71.0,	71.0,	0.0);
(672166.1,	4103873.6,	71.0,	71.0,	0.0);	(672177.9,	4103851.7,	71.0,	71.0,	0.0);
(672189.8,	4103829.7,	71.0,	71.0,	0.0);	(672201.7,	4103807.8,	71.0,	71.0,	0.0);
(672213.5,	4103785.8,	71.8,	74.0,	0.0);	(672225.4,	4103763.8,	73.4,	73.4,	0.0);
(672237.3,	4103741.9,	74.2,	74.2,	0.0);	(672249.1,	4103719.9,	74.3,	74.3,	0.0);
(672261.0,	4103698.0,	74.2,	74.2,	0.0);	(672272.9,	4103676.0,	74.0,	74.0,	0.0);
(672284.7,	4103654.1,	74.0,	74.0,	0.0);	(672296.6,	4103632.1,	73.9,	73.9,	0.0);
(672308.5,	4103610.1,	73.9,	73.9,	0.0);	(672320.3,	4103588.2,	73.9,	73.9,	0.0);
(672332.2,	4103566.2,	74.0,	82.6,	0.0);	(672344.1,	4103544.3,	77.2,	82.1,	0.0);
(672355.9,	4103522.3,	80.8,	80.8,	0.0);	(672367.8,	4103500.4,	82.1,	82.1,	0.0);
(672379.7,	4103478.4,	83.1,	83.1,	0.0);	(672391.5,	4103456.4,	84.0,	84.0,	0.0);
(672403.4,	4103434.5,	84.9,	84.9,	0.0);	(672415.3,	4103412.5,	85.9,	85.9,	0.0);
(672427.1,	4103390.6,	87.0,	87.0,	0.0);	(672439.0,	4103368.6,	88.1,	88.1,	0.0);
(672450.9,	4103346.7,	88.6,	88.6,	0.0);	(672462.8,	4103324.7,	89.0,	89.0,	0.0);
(672474.6,	4103302.7,	88.9,	88.9,	0.0);	(672486.5,	4103280.8,	87.9,	87.9,	0.0);
(672498.4,	4103258.8,	86.7,	86.7,	0.0);	(672510.2,	4103236.9,	86.0,	86.0,	0.0);
(672522.1,	4103214.9,	86.2,	86.2,	0.0);	(672534.0,	4103193.0,	86.2,	86.2,	0.0);
(672545.8,	4103171.0,	86.1,	86.1,	0.0);	(672557.7,	4103149.0,	85.5,	85.5,	0.0);
(672569.6,	4103127.1,	85.1,	85.1,	0.0);	(672581.4,	4103105.1,	85.0,	85.0,	0.0);
(672593.3,	4103083.2,	85.0,	85.0,	0.0);	(672605.2,	4103061.2,	85.1,	85.1,	0.0);
(672617.0,	4103039.3,	85.1,	85.1,	0.0);	(672628.9,	4103017.3,	85.3,	85.3,	0.0);
(672640.8,	4102995.3,	85.6,	85.6,	0.0);	(672652.6,	4102973.4,	86.1,	86.1,	0.0);
(672664.5,	4102951.4,	86.6,	86.6,	0.0);	(672676.4,	4102929.5,	87.2,	87.2,	0.0);
(672688.2,	4102907.5,	87.8,	87.8,	0.0);	(672700.1,	4102885.6,	88.3,	88.3,	0.0);
(672712.0,	4102863.6,	89.0,	89.0,	0.0);	(672723.8,	4102841.6,	89.5,	89.5,	0.0);
(672735.7,	4102819.7,	89.9,	89.9,	0.0);	(672747.6,	4102797.7,	90.3,	90.3,	0.0);
(672759.4,	4102775.8,	90.9,	140.0,	0.0);	(672771.3,	4102753.8,	91.3,	140.0,	0.0);
(672783.2,	4102731.9,	91.8,	140.0,	0.0);	(672795.0,	4102709.9,	92.2,	163.0,	0.0);
(672806.9,	4102687.9,	94.1,	163.0,	0.0);	(672818.8,	4102666.0,	97.0,	163.0,	0.0);
(672830.6,	4102644.0,	98.5,	163.2,	0.0);	(672842.5,	4102622.1,	99.2,	163.2,	0.0);
(672854.4,	4102600.1,	99.9,	163.2,	0.0);	(672866.2,	4102578.2,	100.6,	163.2,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672878.1, 4102556.2,	101.5,	163.4,	0.0);	(672890.0, 4102534.2,	102.8,	206.4,	0.0);
(672901.8, 4102512.3,	104.1,	206.5,	0.0);	(672913.7, 4102490.3,	105.5,	206.5,	0.0);
(672925.6, 4102468.4,	107.1,	206.5,	0.0);	(672937.4, 4102446.4,	109.3,	206.5,	0.0);
(672082.7, 4104535.8,	71.0,	71.0,	0.0);	(672064.2, 4104552.1,	71.0,	71.0,	0.0);
(672045.8, 4104568.4,	71.0,	71.0,	0.0);	(672027.3, 4104584.7,	71.0,	71.0,	0.0);
(672008.8, 4104601.0,	71.0,	71.0,	0.0);	(671990.3, 4104617.3,	71.0,	71.0,	0.0);
(671971.9, 4104633.6,	71.0,	71.0,	0.0);	(671953.4, 4104649.9,	71.0,	71.0,	0.0);
(671934.9, 4104666.2,	71.0,	71.0,	0.0);	(671916.4, 4104682.5,	71.0,	71.0,	0.0);
(671898.0, 4104698.8,	71.0,	71.0,	0.0);	(671879.5, 4104715.1,	71.0,	71.0,	0.0);
(671861.0, 4104731.4,	71.0,	71.0,	0.0);	(671842.5, 4104747.7,	71.0,	71.0,	0.0);
(671824.1, 4104764.0,	71.0,	71.0,	0.0);	(671805.6, 4104780.3,	71.8,	71.8,	0.0);
(671787.1, 4104796.6,	72.7,	72.7,	0.0);	(671768.6, 4104813.0,	73.6,	73.6,	0.0);
(671750.2, 4104829.3,	74.3,	74.3,	0.0);	(671731.7, 4104845.6,	74.9,	74.9,	0.0);
(671713.2, 4104861.9,	75.4,	75.4,	0.0);	(671694.7, 4104878.2,	76.1,	76.1,	0.0);
(671676.3, 4104894.5,	77.0,	77.0,	0.0);	(671657.8, 4104910.8,	78.1,	78.1,	0.0);
(671639.3, 4104927.1,	79.0,	79.0,	0.0);	(671620.8, 4104943.4,	79.4,	79.4,	0.0);
(671602.4, 4104959.7,	79.6,	79.6,	0.0);	(671559.3, 4104976.5,	81.0,	87.6,	0.0);
(671534.6, 4104976.9,	84.8,	87.0,	0.0);	(671510.0, 4104977.4,	87.1,	87.1,	0.0);
(671485.4, 4104977.8,	87.8,	87.8,	0.0);	(671460.7, 4104978.3,	88.2,	88.2,	0.0);
(671436.1, 4104978.8,	88.6,	88.6,	0.0);	(671411.4, 4104979.2,	88.9,	88.9,	0.0);
(671386.8, 4104979.7,	89.1,	89.1,	0.0);	(671362.2, 4104980.1,	89.1,	89.1,	0.0);
(671337.5, 4104980.6,	88.9,	88.9,	0.0);	(671312.9, 4104981.1,	88.5,	88.5,	0.0);
(671288.3, 4104981.5,	87.9,	87.9,	0.0);	(671263.6, 4104982.0,	87.2,	87.2,	0.0);
(671239.0, 4104982.4,	86.5,	132.3,	0.0);	(671214.4, 4104982.9,	86.0,	132.3,	0.0);
(671189.7, 4104983.4,	85.2,	132.3,	0.0);	(671165.1, 4104983.8,	84.7,	132.3,	0.0);
(671140.4, 4104984.3,	84.5,	132.3,	0.0);	(671115.8, 4104984.8,	84.4,	132.3,	0.0);
(671091.2, 4104985.2,	84.6,	132.3,	0.0);	(671066.5, 4104985.7,	85.0,	168.5,	0.0);
(671041.9, 4104986.1,	85.4,	168.7,	0.0);	(671017.3, 4104986.6,	86.6,	168.9,	0.0);
(670992.6, 4104987.0,	90.4,	168.6,	0.0);	(670968.0, 4104987.5,	94.6,	132.3,	0.0);
(670943.4, 4104988.0,	99.5,	132.3,	0.0);	(670918.7, 4104988.4,	105.7,	132.3,	0.0);
(672101.2, 4104519.5,	71.0,	71.0,	0.0);	(672113.1, 4104497.5,	71.0,	71.0,	0.0);
(672124.9, 4104475.6,	71.0,	71.0,	0.0);	(672136.8, 4104453.6,	71.0,	71.0,	0.0);
(672148.7, 4104431.6,	71.0,	71.0,	0.0);	(672160.5, 4104409.7,	71.0,	71.0,	0.0);
(672172.4, 4104387.7,	71.0,	71.0,	0.0);	(672184.2, 4104365.8,	71.0,	71.0,	0.0);
(672196.1, 4104343.8,	71.0,	71.0,	0.0);	(672208.0, 4104321.9,	71.0,	71.0,	0.0);
(672219.9, 4104299.9,	71.0,	71.0,	0.0);	(672231.7, 4104277.9,	71.0,	71.0,	0.0);
(672243.6, 4104256.0,	71.0,	71.0,	0.0);	(672255.5, 4104234.0,	71.0,	71.0,	0.0);
(672267.3, 4104212.1,	71.0,	71.0,	0.0);	(672279.2, 4104190.1,	71.0,	71.0,	0.0);
(672291.1, 4104168.2,	71.0,	71.0,	0.0);	(672302.9, 4104146.2,	71.0,	71.0,	0.0);
(672314.8, 4104124.2,	71.0,	71.0,	0.0);	(672326.7, 4104102.3,	71.0,	71.0,	0.0);
(672338.5, 4104080.3,	71.0,	71.0,	0.0);	(672350.4, 4104058.4,	71.0,	71.0,	0.0);
(672362.3, 4104036.4,	71.0,	71.0,	0.0);	(672374.1, 4104014.5,	71.0,	71.0,	0.0);
(672386.0, 4103992.5,	71.0,	71.0,	0.0);	(672397.9, 4103970.5,	71.0,	71.0,	0.0);
(672409.7, 4103948.6,	71.0,	71.0,	0.0);	(672421.6, 4103926.6,	71.0,	71.0,	0.0);
(672433.5, 4103904.7,	71.0,	71.0,	0.0);	(672445.3, 4103882.7,	71.0,	71.0,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672457.2, 4103860.8,	71.0,	71.0,	0.0);	(672469.1, 4103838.8,	71.0,	71.0,	0.0);
(672480.9, 4103816.8,	71.0,	71.0,	0.0);	(672492.8, 4103794.9,	71.0,	71.0,	0.0);
(672504.7, 4103772.9,	71.0,	71.0,	0.0);	(672516.5, 4103751.0,	71.0,	71.0,	0.0);
(672528.4, 4103729.0,	71.0,	71.0,	0.0);	(672540.3, 4103707.1,	71.0,	71.0,	0.0);
(672552.1, 4103685.1,	71.0,	71.0,	0.0);	(672564.0, 4103663.1,	71.0,	71.0,	0.0);
(672575.9, 4103641.2,	71.8,	71.8,	0.0);	(672587.7, 4103619.2,	72.7,	72.7,	0.0);
(672599.6, 4103597.3,	73.9,	73.9,	0.0);	(672611.5, 4103575.3,	75.1,	75.1,	0.0);
(672623.3, 4103553.4,	76.1,	76.1,	0.0);	(672635.2, 4103531.4,	78.0,	78.0,	0.0);
(672647.1, 4103509.4,	80.0,	80.0,	0.0);	(672658.9, 4103487.5,	81.2,	81.2,	0.0);
(672670.8, 4103465.5,	82.0,	82.0,	0.0);	(672682.7, 4103443.6,	82.8,	82.8,	0.0);
(672694.6, 4103421.6,	83.5,	83.5,	0.0);	(672706.4, 4103399.7,	84.0,	84.0,	0.0);
(672718.3, 4103377.7,	84.7,	84.7,	0.0);	(672730.2, 4103355.7,	85.7,	85.7,	0.0);
(672742.0, 4103333.8,	86.3,	86.3,	0.0);	(672753.9, 4103311.8,	86.3,	86.3,	0.0);
(672765.8, 4103289.9,	86.3,	86.3,	0.0);	(672777.6, 4103267.9,	86.3,	86.3,	0.0);
(672789.5, 4103246.0,	86.1,	86.1,	0.0);	(672801.4, 4103224.0,	85.8,	85.8,	0.0);
(672813.2, 4103202.0,	85.8,	85.8,	0.0);	(672825.1, 4103180.1,	86.2,	86.2,	0.0);
(672837.0, 4103158.1,	86.3,	86.3,	0.0);	(672848.8, 4103136.2,	86.3,	86.3,	0.0);
(672860.7, 4103114.2,	86.3,	86.3,	0.0);	(672872.6, 4103092.2,	86.3,	86.3,	0.0);
(672884.4, 4103070.3,	86.2,	86.2,	0.0);	(672896.3, 4103048.3,	86.2,	86.2,	0.0);
(672908.2, 4103026.4,	86.2,	86.2,	0.0);	(672920.0, 4103004.4,	86.3,	92.6,	0.0);
(672931.9, 4102982.5,	88.2,	92.5,	0.0);	(672943.8, 4102960.5,	90.4,	92.4,	0.0);
(672955.6, 4102938.5,	92.1,	92.1,	0.0);	(672967.5, 4102916.6,	92.9,	92.9,	0.0);
(672979.4, 4102894.6,	93.5,	93.5,	0.0);	(672991.2, 4102872.7,	94.0,	94.0,	0.0);
(673003.1, 4102850.7,	94.6,	94.6,	0.0);	(673015.0, 4102828.8,	95.2,	95.2,	0.0);
(673026.8, 4102806.8,	96.0,	96.0,	0.0);	(673038.7, 4102784.8,	96.9,	96.9,	0.0);
(673050.6, 4102762.9,	97.6,	161.3,	0.0);	(673062.4, 4102740.9,	98.5,	163.2,	0.0);
(673074.3, 4102719.0,	99.1,	163.2,	0.0);	(673086.2, 4102697.0,	99.5,	163.2,	0.0);
(673098.0, 4102675.1,	100.1,	163.5,	0.0);	(673109.9, 4102653.1,	100.8,	163.6,	0.0);
(673121.8, 4102631.1,	101.5,	289.8,	0.0);	(673133.6, 4102609.2,	102.2,	289.8,	0.0);
(673145.5, 4102587.2,	102.7,	289.8,	0.0);	(673157.4, 4102565.3,	103.0,	289.8,	0.0);
(672522.6, 4104773.5,	71.0,	71.0,	0.0);	(672504.1, 4104789.8,	71.0,	71.0,	0.0);
(672485.6, 4104806.1,	71.0,	71.0,	0.0);	(672467.2, 4104822.4,	71.0,	71.0,	0.0);
(672448.7, 4104838.7,	71.0,	71.0,	0.0);	(672430.2, 4104855.0,	71.0,	71.0,	0.0);
(672411.7, 4104871.3,	71.0,	71.0,	0.0);	(672393.2, 4104887.6,	71.0,	71.0,	0.0);
(672374.8, 4104903.9,	71.0,	71.0,	0.0);	(672356.3, 4104920.3,	71.0,	71.0,	0.0);
(672337.8, 4104936.6,	71.0,	71.0,	0.0);	(672319.4, 4104952.9,	71.0,	71.0,	0.0);
(672300.9, 4104969.2,	71.0,	71.0,	0.0);	(672282.4, 4104985.5,	71.0,	71.0,	0.0);
(672263.9, 4105001.8,	71.0,	71.0,	0.0);	(672245.5, 4105018.1,	71.0,	71.0,	0.0);
(672227.0, 4105034.4,	71.0,	71.0,	0.0);	(672208.5, 4105050.7,	71.0,	71.0,	0.0);
(672190.0, 4105067.0,	71.0,	71.0,	0.0);	(672171.6, 4105083.3,	71.0,	71.0,	0.0);
(672153.1, 4105099.6,	71.0,	71.0,	0.0);	(672134.6, 4105115.9,	71.0,	71.0,	0.0);
(672116.1, 4105132.2,	71.0,	71.0,	0.0);	(672097.7, 4105148.5,	71.6,	71.6,	0.0);
(672079.2, 4105164.8,	72.4,	72.4,	0.0);	(672060.7, 4105181.1,	73.1,	73.1,	0.0);
(672042.2, 4105197.4,	73.8,	73.8,	0.0);	(672023.8, 4105213.7,	74.3,	74.3,	0.0);
(672005.3, 4105230.0,	74.7,	74.7,	0.0);	(671986.8, 4105246.3,	75.1,	75.1,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671968.3, 4105262.7,	75.5,	75.5,	0.0);	(671949.9, 4105279.0,	75.9,	75.9,	0.0);
(671931.4, 4105295.3,	76.3,	76.3,	0.0);	(671912.9, 4105311.6,	76.8,	76.8,	0.0);
(671894.4, 4105327.9,	77.3,	77.3,	0.0);	(671876.0, 4105344.2,	77.8,	77.8,	0.0);
(671857.5, 4105360.5,	78.2,	78.2,	0.0);	(671839.0, 4105376.8,	78.6,	93.6,	0.0);
(671820.5, 4105393.1,	79.1,	94.0,	0.0);	(671802.1, 4105409.4,	79.8,	94.0,	0.0);
(671783.6, 4105425.7,	82.9,	94.0,	0.0);	(671740.5, 4105442.5,	89.1,	93.0,	0.0);
(671715.8, 4105442.9,	92.2,	92.2,	0.0);	(671691.2, 4105443.4,	93.6,	93.6,	0.0);
(671666.6, 4105443.8,	93.2,	93.9,	0.0);	(671641.9, 4105444.3,	89.9,	94.0,	0.0);
(671617.3, 4105444.8,	87.5,	94.0,	0.0);	(671592.7, 4105445.2,	87.0,	87.0,	0.0);
(671568.0, 4105445.7,	87.1,	87.1,	0.0);	(671543.4, 4105446.1,	87.4,	87.4,	0.0);
(671518.8, 4105446.6,	87.4,	87.4,	0.0);	(671494.1, 4105447.1,	86.8,	86.8,	0.0);
(671469.5, 4105447.5,	86.1,	106.5,	0.0);	(671444.8, 4105448.0,	85.7,	107.1,	0.0);
(671420.2, 4105448.4,	86.2,	107.1,	0.0);	(671395.6, 4105448.9,	88.7,	107.1,	0.0);
(671370.9, 4105449.4,	91.9,	107.1,	0.0);	(671346.3, 4105449.8,	94.2,	107.1,	0.0);
(671321.7, 4105450.3,	96.4,	107.1,	0.0);	(671297.0, 4105450.8,	98.4,	107.1,	0.0);
(671272.4, 4105451.2,	99.5,	107.1,	0.0);	(671247.8, 4105451.7,	99.8,	107.1,	0.0);
(671223.1, 4105452.1,	99.8,	107.1,	0.0);	(671198.5, 4105452.6,	98.0,	107.1,	0.0);
(671173.8, 4105453.1,	93.2,	107.1,	0.0);	(671149.2, 4105453.5,	91.4,	107.1,	0.0);
(671124.6, 4105454.0,	90.3,	107.1,	0.0);	(671099.9, 4105454.4,	89.5,	107.1,	0.0);
(671075.3, 4105454.9,	89.2,	107.0,	0.0);	(671050.7, 4105455.4,	89.1,	89.1,	0.0);
(671026.0, 4105455.8,	89.1,	198.5,	0.0);	(671001.4, 4105456.3,	89.3,	198.7,	0.0);
(670976.8, 4105456.7,	89.5,	203.7,	0.0);	(670952.1, 4105457.2,	89.8,	205.2,	0.0);
(670927.5, 4105457.7,	90.2,	205.2,	0.0);	(670902.8, 4105458.1,	90.7,	205.2,	0.0);
(670878.2, 4105458.6,	91.3,	205.2,	0.0);	(670853.6, 4105459.0,	92.2,	205.2,	0.0);
(670828.9, 4105459.5,	94.3,	205.2,	0.0);	(670804.3, 4105460.0,	96.2,	205.2,	0.0);
(670779.7, 4105460.4,	97.5,	205.2,	0.0);	(670755.0, 4105460.9,	99.9,	205.2,	0.0);
(672541.1, 4104757.2,	71.0,	71.0,	0.0);	(672552.9, 4104735.2,	71.0,	71.0,	0.0);
(672564.8, 4104713.3,	71.0,	71.0,	0.0);	(672576.7, 4104691.3,	71.0,	71.0,	0.0);
(672588.5, 4104669.4,	71.0,	71.0,	0.0);	(672600.4, 4104647.4,	71.0,	71.0,	0.0);
(672612.2, 4104625.5,	71.0,	71.0,	0.0);	(672624.1, 4104603.5,	71.0,	71.0,	0.0);
(672636.0, 4104581.5,	71.0,	71.0,	0.0);	(672647.9, 4104559.6,	71.0,	71.0,	0.0);
(672659.7, 4104537.6,	71.0,	71.0,	0.0);	(672671.6, 4104515.7,	71.0,	71.0,	0.0);
(672683.5, 4104493.7,	71.0,	71.0,	0.0);	(672695.3, 4104471.8,	71.0,	71.0,	0.0);
(672707.2, 4104449.8,	71.0,	71.0,	0.0);	(672719.1, 4104427.8,	71.0,	71.0,	0.0);
(672730.9, 4104405.9,	71.0,	71.0,	0.0);	(672742.8, 4104383.9,	71.0,	71.0,	0.0);
(672754.7, 4104362.0,	71.0,	71.0,	0.0);	(672766.5, 4104340.0,	71.0,	71.0,	0.0);
(672778.4, 4104318.1,	71.0,	71.0,	0.0);	(672790.3, 4104296.1,	71.0,	71.0,	0.0);
(672802.1, 4104274.1,	71.0,	71.0,	0.0);	(672814.0, 4104252.2,	71.0,	71.0,	0.0);
(672825.9, 4104230.2,	71.0,	71.0,	0.0);	(672837.7, 4104208.3,	71.0,	71.0,	0.0);
(672849.6, 4104186.3,	71.0,	71.0,	0.0);	(672861.5, 4104164.4,	71.0,	71.0,	0.0);
(672873.3, 4104142.4,	71.0,	71.0,	0.0);	(672885.2, 4104120.4,	71.0,	71.0,	0.0);
(672897.1, 4104098.5,	71.0,	71.0,	0.0);	(672908.9, 4104076.5,	71.0,	71.0,	0.0);
(672920.8, 4104054.6,	71.0,	71.0,	0.0);	(672932.7, 4104032.6,	71.0,	71.0,	0.0);
(672944.5, 4104010.7,	71.0,	71.0,	0.0);	(672956.4, 4103988.7,	71.0,	71.0,	0.0);
(672968.3, 4103966.8,	71.0,	71.0,	0.0);	(672980.1, 4103944.8,	71.0,	71.0,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672992.0, 4103922.8,	71.0,	71.0,	0.0);	(673003.9, 4103900.9,	71.0,	71.0,	0.0);
(673015.7, 4103878.9,	71.8,	71.8,	0.0);	(673027.6, 4103857.0,	73.0,	73.0,	0.0);
(673039.5, 4103835.0,	73.9,	73.9,	0.0);	(673051.3, 4103813.0,	74.2,	74.2,	0.0);
(673063.2, 4103791.1,	74.5,	74.5,	0.0);	(673075.1, 4103769.1,	74.7,	74.7,	0.0);
(673086.9, 4103747.2,	74.9,	74.9,	0.0);	(673098.8, 4103725.2,	75.0,	75.0,	0.0);
(673110.7, 4103703.3,	75.1,	75.1,	0.0);	(673122.5, 4103681.3,	75.2,	75.2,	0.0);
(673134.4, 4103659.3,	75.4,	75.4,	0.0);	(673146.3, 4103637.4,	75.6,	75.6,	0.0);
(673158.2, 4103615.4,	75.8,	75.8,	0.0);	(673170.0, 4103593.5,	76.1,	76.1,	0.0);
(673181.9, 4103571.5,	76.3,	76.3,	0.0);	(673193.8, 4103549.6,	76.4,	76.4,	0.0);
(673205.6, 4103527.6,	76.6,	76.6,	0.0);	(673217.5, 4103505.6,	76.7,	76.7,	0.0);
(673229.4, 4103483.7,	76.8,	84.2,	0.0);	(673241.2, 4103461.7,	77.6,	84.3,	0.0);
(673253.1, 4103439.8,	82.7,	82.7,	0.0);	(673265.0, 4103417.8,	83.9,	83.9,	0.0);
(673276.8, 4103395.9,	84.5,	84.5,	0.0);	(673288.7, 4103373.9,	84.9,	84.9,	0.0);
(673300.6, 4103351.9,	85.1,	85.1,	0.0);	(673312.4, 4103330.0,	85.0,	85.0,	0.0);
(673324.3, 4103308.0,	84.7,	84.7,	0.0);	(673336.2, 4103286.1,	84.5,	84.5,	0.0);
(673348.0, 4103264.1,	84.2,	84.2,	0.0);	(673359.9, 4103242.2,	83.5,	83.5,	0.0);
(673371.8, 4103220.2,	83.1,	83.1,	0.0);	(673383.6, 4103198.2,	83.5,	83.5,	0.0);
(673395.5, 4103176.3,	84.5,	84.5,	0.0);	(673407.4, 4103154.3,	85.6,	85.6,	0.0);
(673419.2, 4103132.4,	86.4,	86.4,	0.0);	(673431.1, 4103110.4,	86.6,	86.6,	0.0);
(673443.0, 4103088.5,	87.1,	87.1,	0.0);	(673454.8, 4103066.5,	88.1,	88.1,	0.0);
(673466.7, 4103044.5,	89.6,	89.6,	0.0);	(673478.6, 4103022.6,	91.0,	91.0,	0.0);
(673490.4, 4103000.6,	92.0,	92.0,	0.0);	(673502.3, 4102978.7,	93.2,	111.9,	0.0);
(673514.2, 4102956.7,	95.7,	111.9,	0.0);	(673526.0, 4102934.8,	98.8,	111.5,	0.0);
(673537.9, 4102912.8,	101.2,	111.5,	0.0);	(673549.8, 4102890.8,	104.1,	110.7,	0.0);
(673561.6, 4102868.9,	106.2,	111.5,	0.0);	(673573.5, 4102846.9,	108.7,	111.5,	0.0);
(673585.4, 4102825.0,	111.1,	111.1,	0.0);	(673597.2, 4102803.0,	111.6,	111.7,	0.0);
(672962.4, 4105011.2,	71.0,	71.0,	0.0);	(672944.0, 4105027.5,	71.0,	71.0,	0.0);
(672925.5, 4105043.9,	71.0,	71.0,	0.0);	(672907.0, 4105060.2,	71.0,	71.0,	0.0);
(672888.5, 4105076.5,	71.0,	71.0,	0.0);	(672870.1, 4105092.8,	71.0,	71.0,	0.0);
(672851.6, 4105109.1,	71.0,	71.0,	0.0);	(672833.1, 4105125.4,	71.0,	93.6,	0.0);
(672814.6, 4105141.7,	71.0,	95.7,	0.0);	(672796.2, 4105158.0,	71.0,	95.7,	0.0);
(672777.7, 4105174.3,	71.0,	95.7,	0.0);	(672759.2, 4105190.6,	71.0,	95.7,	0.0);
(672740.7, 4105206.9,	71.0,	95.7,	0.0);	(672722.3, 4105223.2,	71.0,	106.1,	0.0);
(672703.8, 4105239.5,	71.0,	110.8,	0.0);	(672685.3, 4105255.8,	71.4,	110.8,	0.0);
(672666.8, 4105272.1,	72.8,	110.8,	0.0);	(672648.4, 4105288.4,	74.8,	110.8,	0.0);
(672629.9, 4105304.7,	75.9,	110.8,	0.0);	(672611.4, 4105321.0,	76.9,	110.8,	0.0);
(672592.9, 4105337.3,	78.1,	118.2,	0.0);	(672574.5, 4105353.6,	79.7,	119.0,	0.0);
(672556.0, 4105369.9,	81.8,	119.0,	0.0);	(672537.5, 4105386.3,	84.8,	119.0,	0.0);
(672519.1, 4105402.6,	88.9,	110.8,	0.0);	(672500.6, 4105418.9,	93.5,	110.8,	0.0);
(672482.1, 4105435.2,	99.0,	110.8,	0.0);	(672463.6, 4105451.5,	104.7,	107.6,	0.0);
(672445.2, 4105467.8,	107.3,	107.3,	0.0);	(672426.7, 4105484.1,	109.3,	110.4,	0.0);
(672408.2, 4105500.4,	110.1,	110.7,	0.0);	(672389.7, 4105516.7,	108.8,	108.8,	0.0);
(672371.2, 4105533.0,	109.3,	109.3,	0.0);	(672352.8, 4105549.3,	110.5,	110.5,	0.0);
(672334.3, 4105565.6,	112.7,	117.2,	0.0);	(672315.8, 4105581.9,	114.7,	118.2,	0.0);
(672297.4, 4105598.2,	116.7,	118.3,	0.0);	(672278.9, 4105614.5,	117.9,	117.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672260.4, 4105630.8,	118.6,	118.8,	0.0);	(672241.9, 4105647.1,	119.4,	119.4,	0.0);
(672223.5, 4105663.4,	117.7,	119.6,	0.0);	(672205.0, 4105679.8,	109.0,	119.9,	0.0);
(672186.5, 4105696.0,	103.4,	119.9,	0.0);	(672168.0, 4105712.4,	98.7,	119.9,	0.0);
(672149.6, 4105728.7,	94.9,	137.5,	0.0);	(672131.1, 4105745.0,	92.1,	137.5,	0.0);
(672112.6, 4105761.3,	90.4,	137.5,	0.0);	(672094.1, 4105777.6,	89.4,	137.5,	0.0);
(672075.7, 4105793.9,	89.8,	137.5,	0.0);	(672057.2, 4105810.2,	90.4,	137.5,	0.0);
(672038.7, 4105826.5,	91.4,	137.5,	0.0);	(672020.2, 4105842.8,	93.2,	137.5,	0.0);
(672001.8, 4105859.1,	95.2,	137.5,	0.0);	(671983.3, 4105875.4,	97.0,	137.5,	0.0);
(671964.8, 4105891.7,	98.4,	137.5,	0.0);	(671921.7, 4105908.5,	95.7,	137.5,	0.0);
(671897.1, 4105908.9,	92.2,	137.5,	0.0);	(671872.4, 4105909.4,	90.4,	138.1,	0.0);
(671847.8, 4105909.8,	88.9,	138.1,	0.0);	(671823.2, 4105910.3,	87.6,	138.1,	0.0);
(671798.5, 4105910.8,	86.5,	138.1,	0.0);	(671773.9, 4105911.2,	85.6,	138.1,	0.0);
(671749.2, 4105911.7,	84.9,	138.1,	0.0);	(671724.6, 4105912.2,	84.5,	138.1,	0.0);
(671700.0, 4105912.6,	84.6,	138.1,	0.0);	(671675.3, 4105913.1,	86.5,	137.5,	0.0);
(671650.7, 4105913.5,	90.0,	137.5,	0.0);	(671626.1, 4105914.0,	95.0,	137.5,	0.0);
(671601.4, 4105914.5,	103.0,	132.6,	0.0);	(671576.8, 4105914.9,	109.6,	127.2,	0.0);
(671552.2, 4105915.4,	111.7,	126.7,	0.0);	(671527.5, 4105915.8,	106.8,	131.0,	0.0);
(671502.9, 4105916.3,	102.8,	133.6,	0.0);	(671478.2, 4105916.8,	101.0,	133.9,	0.0);
(671453.6, 4105917.2,	99.7,	135.8,	0.0);	(671429.0, 4105917.7,	98.0,	136.1,	0.0);
(671404.3, 4105918.1,	96.6,	136.1,	0.0);	(671379.7, 4105918.6,	96.1,	136.1,	0.0);
(671355.1, 4105919.1,	97.8,	135.9,	0.0);	(671330.4, 4105919.5,	101.2,	132.7,	0.0);
(671305.8, 4105920.0,	106.8,	119.9,	0.0);	(671281.2, 4105920.4,	115.0,	119.9,	0.0);
(671256.5, 4105920.9,	118.8,	118.8,	0.0);	(671231.9, 4105921.4,	117.9,	119.6,	0.0);
(671207.2, 4105921.8,	114.7,	119.9,	0.0);	(671182.6, 4105922.3,	112.1,	119.9,	0.0);
(671158.0, 4105922.7,	108.6,	119.9,	0.0);	(671133.3, 4105923.2,	103.3,	119.9,	0.0);
(671108.7, 4105923.7,	98.1,	119.9,	0.0);	(671084.1, 4105924.1,	97.7,	119.9,	0.0);
(671059.4, 4105924.6,	98.1,	205.2,	0.0);	(671034.8, 4105925.0,	98.2,	205.2,	0.0);
(671010.2, 4105925.5,	98.2,	205.2,	0.0);	(670985.5, 4105926.0,	98.2,	223.6,	0.0);
(670960.9, 4105926.4,	98.1,	224.2,	0.0);	(670936.2, 4105926.9,	98.5,	224.2,	0.0);
(670911.6, 4105927.3,	99.2,	224.2,	0.0);	(670887.0, 4105927.8,	101.2,	224.2,	0.0);
(670862.3, 4105928.3,	103.2,	224.2,	0.0);	(670837.7, 4105928.7,	105.0,	224.2,	0.0);
(670813.1, 4105929.2,	108.1,	224.2,	0.0);	(670788.4, 4105929.6,	111.1,	224.2,	0.0);
(670763.8, 4105930.1,	114.5,	224.2,	0.0);	(670739.2, 4105930.6,	120.9,	224.0,	0.0);
(670714.5, 4105931.0,	126.0,	205.2,	0.0);	(670689.9, 4105931.5,	127.1,	205.2,	0.0);
(670665.2, 4105931.9,	123.7,	224.2,	0.0);	(670640.6, 4105932.4,	119.7,	224.2,	0.0);
(670616.0, 4105932.9,	116.3,	224.2,	0.0);	(670591.3, 4105933.3,	115.2,	224.2,	0.0);
(672980.9, 4104994.9,	71.0,	71.0,	0.0);	(672992.8, 4104973.0,	71.0,	71.0,	0.0);
(673004.7, 4104951.0,	71.0,	71.0,	0.0);	(673016.5, 4104929.1,	71.0,	71.0,	0.0);
(673028.4, 4104907.1,	71.0,	71.0,	0.0);	(673040.2, 4104885.2,	71.0,	71.0,	0.0);
(673052.1, 4104863.2,	71.0,	71.0,	0.0);	(673064.0, 4104841.2,	71.0,	71.0,	0.0);
(673075.9, 4104819.3,	71.0,	71.0,	0.0);	(673087.7, 4104797.3,	71.0,	71.0,	0.0);
(673099.6, 4104775.4,	71.0,	71.0,	0.0);	(673111.5, 4104753.4,	71.0,	71.0,	0.0);
(673123.3, 4104731.5,	71.0,	71.0,	0.0);	(673135.2, 4104709.5,	71.0,	71.0,	0.0);
(673147.1, 4104687.5,	71.0,	71.0,	0.0);	(673158.9, 4104665.6,	71.0,	71.0,	0.0);
(673170.8, 4104643.6,	71.0,	71.0,	0.0);	(673182.7, 4104621.7,	71.0,	71.0,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(673194.5, 4104599.7,	71.0,	71.0,	0.0);	(673206.4, 4104577.8,	71.0,	71.0,	0.0);
(673218.3, 4104555.8,	71.0,	71.0,	0.0);	(673230.1, 4104533.8,	71.0,	71.0,	0.0);
(673242.0, 4104511.9,	71.0,	71.0,	0.0);	(673253.9, 4104489.9,	71.0,	71.0,	0.0);
(673265.7, 4104468.0,	71.0,	71.0,	0.0);	(673277.6, 4104446.0,	71.0,	71.0,	0.0);
(673289.5, 4104424.1,	71.0,	71.0,	0.0);	(673301.3, 4104402.1,	71.0,	71.0,	0.0);
(673313.2, 4104380.1,	71.0,	71.0,	0.0);	(673325.1, 4104358.2,	71.0,	71.0,	0.0);
(673336.9, 4104336.2,	71.0,	71.0,	0.0);	(673348.8, 4104314.3,	71.0,	71.0,	0.0);
(673360.7, 4104292.3,	71.3,	71.3,	0.0);	(673372.5, 4104270.4,	73.5,	73.5,	0.0);
(673384.4, 4104248.4,	74.1,	74.1,	0.0);	(673396.3, 4104226.4,	73.2,	76.6,	0.0);
(673408.1, 4104204.5,	72.6,	76.6,	0.0);	(673420.0, 4104182.5,	72.7,	77.1,	0.0);
(673431.9, 4104160.6,	73.8,	77.3,	0.0);	(673443.7, 4104138.6,	75.4,	77.7,	0.0);
(673455.6, 4104116.7,	76.9,	77.7,	0.0);	(673467.5, 4104094.7,	78.1,	78.1,	0.0);
(673479.3, 4104072.7,	77.8,	78.0,	0.0);	(673491.2, 4104050.8,	76.9,	76.9,	0.0);
(673503.1, 4104028.8,	76.8,	76.8,	0.0);	(673514.9, 4104006.9,	77.2,	77.2,	0.0);
(673526.8, 4103984.9,	77.5,	77.5,	0.0);	(673538.7, 4103963.0,	77.5,	77.5,	0.0);
(673550.5, 4103941.0,	77.9,	77.9,	0.0);	(673562.4, 4103919.0,	78.3,	78.3,	0.0);
(673574.3, 4103897.1,	78.4,	78.4,	0.0);	(673586.1, 4103875.1,	78.4,	78.4,	0.0);
(673598.0, 4103853.2,	78.6,	78.6,	0.0);	(673609.9, 4103831.2,	78.9,	78.9,	0.0);
(673621.8, 4103809.3,	79.2,	79.2,	0.0);	(673633.6, 4103787.3,	79.5,	79.5,	0.0);
(673645.5, 4103765.3,	79.7,	79.7,	0.0);	(673657.4, 4103743.4,	79.9,	79.9,	0.0);
(673669.2, 4103721.4,	80.2,	80.2,	0.0);	(673681.1, 4103699.5,	80.4,	80.4,	0.0);
(673693.0, 4103677.5,	80.3,	80.3,	0.0);	(673704.8, 4103655.6,	80.1,	80.1,	0.0);
(673716.7, 4103633.6,	79.9,	79.9,	0.0);	(673728.6, 4103611.6,	79.9,	79.9,	0.0);
(673740.4, 4103589.7,	80.2,	80.2,	0.0);	(673752.3, 4103567.7,	80.9,	80.9,	0.0);
(673764.2, 4103545.8,	81.9,	81.9,	0.0);	(673776.0, 4103523.8,	83.1,	83.1,	0.0);
(673787.9, 4103501.9,	83.6,	83.6,	0.0);	(673799.8, 4103479.9,	84.0,	84.0,	0.0);
(673811.6, 4103457.9,	83.9,	83.9,	0.0);	(673823.5, 4103436.0,	83.3,	83.3,	0.0);
(673835.4, 4103414.0,	82.2,	82.2,	0.0);	(673847.2, 4103392.1,	81.2,	81.2,	0.0);
(673859.1, 4103370.1,	81.7,	81.7,	0.0);	(673871.0, 4103348.1,	83.1,	83.1,	0.0);
(673882.8, 4103326.2,	83.6,	83.6,	0.0);	(673894.7, 4103304.2,	83.7,	83.7,	0.0);
(673906.6, 4103282.3,	83.6,	83.6,	0.0);	(673918.4, 4103260.3,	83.5,	83.5,	0.0);
(673930.3, 4103238.4,	83.7,	83.7,	0.0);	(673942.2, 4103216.4,	84.3,	84.3,	0.0);
(673954.0, 4103194.4,	84.9,	84.9,	0.0);	(673965.9, 4103172.5,	85.4,	85.4,	0.0);
(673977.8, 4103150.5,	85.7,	85.7,	0.0);	(673989.6, 4103128.6,	85.8,	85.8,	0.0);
(674001.5, 4103106.6,	86.1,	86.1,	0.0);	(674013.4, 4103084.7,	86.3,	86.3,	0.0);
(674025.2, 4103062.7,	86.7,	86.7,	0.0);	(674037.1, 4103040.8,	87.1,	289.0,	0.0);
(672288.4, 4102067.3,	108.2,	168.5,	0.0);	(672266.1, 4102056.6,	108.3,	168.5,	0.0);
(672243.8, 4102045.9,	108.4,	168.5,	0.0);	(672221.4, 4102035.2,	108.7,	168.5,	0.0);
(672199.1, 4102024.5,	109.0,	168.5,	0.0);	(672176.8, 4102013.8,	109.2,	168.5,	0.0);
(672154.4, 4102003.1,	108.8,	168.5,	0.0);	(672132.1, 4101992.4,	108.5,	168.5,	0.0);
(672109.8, 4101981.6,	108.5,	168.5,	0.0);	(672087.4, 4101970.9,	110.1,	168.5,	0.0);
(672065.1, 4101960.2,	113.5,	168.5,	0.0);	(672042.8, 4101949.5,	117.3,	168.5,	0.0);
(672020.4, 4101938.8,	121.8,	168.5,	0.0);	(671998.1, 4101928.1,	127.6,	168.5,	0.0);
(671975.8, 4101917.4,	133.4,	168.5,	0.0);	(671953.4, 4101906.7,	140.9,	168.5,	0.0);
(671931.1, 4101896.0,	147.1,	168.5,	0.0);	(671908.8, 4101885.3,	148.3,	168.5,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671886.4, 4101874.6,	147.0,	168.5,	0.0);	(671864.1, 4101863.9,	145.8,	168.5,	0.0);
(671841.8, 4101853.2,	147.0,	168.5,	0.0);	(671819.4, 4101842.5,	147.5,	168.5,	0.0);
(671797.1, 4101831.8,	154.2,	168.5,	0.0);	(671774.8, 4101821.1,	165.1,	168.3,	0.0);
(671752.4, 4101810.4,	167.2,	168.2,	0.0);	(671730.1, 4101799.7,	166.7,	166.7,	0.0);
(671707.8, 4101789.0,	166.7,	166.7,	0.0);	(671685.4, 4101778.3,	166.7,	166.7,	0.0);
(671663.1, 4101767.6,	166.7,	166.7,	0.0);	(671640.8, 4101756.9,	166.7,	166.7,	0.0);
(671618.4, 4101746.2,	166.7,	166.7,	0.0);	(672312.2, 4102059.5,	108.6,	108.6,	0.0);
(672276.9, 4102034.0,	108.9,	168.5,	0.0);	(672254.6, 4102023.3,	109.1,	168.5,	0.0);
(672232.2, 4102012.6,	109.4,	168.5,	0.0);	(672209.9, 4102001.9,	110.0,	168.5,	0.0);
(672187.6, 4101991.2,	110.4,	168.5,	0.0);	(672165.2, 4101980.5,	110.1,	168.5,	0.0);
(672142.9, 4101969.8,	109.4,	168.5,	0.0);	(672120.6, 4101959.1,	109.3,	168.5,	0.0);
(672098.2, 4101948.4,	109.6,	168.5,	0.0);	(672075.9, 4101937.7,	112.8,	168.5,	0.0);
(672053.6, 4101927.0,	117.0,	168.5,	0.0);	(672031.2, 4101916.3,	121.6,	168.5,	0.0);
(672008.9, 4101905.6,	127.8,	168.5,	0.0);	(671986.6, 4101894.9,	134.0,	168.5,	0.0);
(671964.2, 4101884.2,	141.1,	168.5,	0.0);	(671941.9, 4101873.5,	146.5,	168.5,	0.0);
(671919.6, 4101862.8,	147.7,	168.5,	0.0);	(671897.2, 4101852.1,	146.1,	168.5,	0.0);
(671874.9, 4101841.4,	145.0,	168.5,	0.0);	(671852.6, 4101830.7,	145.1,	168.5,	0.0);
(671830.2, 4101820.0,	145.9,	168.5,	0.0);	(671807.9, 4101809.3,	152.8,	168.5,	0.0);
(671785.6, 4101798.6,	164.2,	168.3,	0.0);	(671763.2, 4101787.9,	167.9,	168.1,	0.0);
(671740.9, 4101777.2,	166.7,	166.7,	0.0);	(671718.6, 4101766.5,	166.7,	166.7,	0.0);
(671696.2, 4101755.8,	166.7,	166.7,	0.0);	(671673.9, 4101745.1,	166.7,	166.7,	0.0);
(671651.6, 4101734.4,	166.7,	166.7,	0.0);	(672323.0, 4102037.0,	109.4,	109.4,	0.0);
(672347.2, 4102086.2,	108.0,	108.0,	0.0);	(672287.7, 4102011.5,	109.5,	168.5,	0.0);
(672265.4, 4102000.8,	109.7,	168.5,	0.0);	(672243.1, 4101990.1,	110.1,	168.5,	0.0);
(672220.7, 4101979.4,	110.3,	168.5,	0.0);	(672198.4, 4101968.7,	111.0,	168.5,	0.0);
(672176.1, 4101958.0,	110.5,	168.5,	0.0);	(672153.7, 4101947.3,	110.0,	168.5,	0.0);
(672131.4, 4101936.6,	110.0,	168.5,	0.0);	(672109.1, 4101925.9,	110.1,	168.5,	0.0);
(672086.7, 4101915.2,	111.8,	168.5,	0.0);	(672064.4, 4101904.5,	116.3,	168.5,	0.0);
(672042.0, 4101893.8,	121.3,	168.5,	0.0);	(672019.7, 4101883.1,	127.4,	168.5,	0.0);
(671997.4, 4101872.3,	134.0,	168.5,	0.0);	(671975.0, 4101861.6,	140.7,	168.5,	0.0);
(671952.7, 4101850.9,	145.4,	168.5,	0.0);	(671930.4, 4101840.2,	146.7,	168.5,	0.0);
(671908.0, 4101829.5,	144.7,	168.5,	0.0);	(671885.7, 4101818.8,	142.9,	168.5,	0.0);
(671863.4, 4101808.1,	142.9,	168.5,	0.0);	(671841.0, 4101797.4,	145.0,	168.5,	0.0);
(671818.7, 4101786.7,	151.9,	168.5,	0.0);	(671796.4, 4101776.0,	163.3,	168.3,	0.0);
(671774.0, 4101765.3,	167.7,	167.7,	0.0);	(671751.7, 4101754.6,	166.7,	166.7,	0.0);
(671729.4, 4101743.9,	166.7,	166.7,	0.0);	(671707.0, 4101733.2,	166.7,	166.7,	0.0);
(671684.7, 4101722.5,	166.7,	166.7,	0.0);	(671662.4, 4101711.8,	166.7,	166.7,	0.0);
(671640.0, 4101701.1,	166.7,	166.7,	0.0);	(672333.8, 4102014.4,	110.2,	110.2,	0.0);
(672359.8, 4102044.1,	110.0,	110.0,	0.0);	(672371.0, 4102078.5,	108.5,	108.5,	0.0);
(672298.5, 4101988.9,	110.1,	168.5,	0.0);	(672276.2, 4101978.2,	110.2,	168.5,	0.0);
(672253.9, 4101967.5,	110.9,	168.5,	0.0);	(672231.5, 4101956.8,	111.0,	168.5,	0.0);
(672209.2, 4101946.1,	111.4,	168.5,	0.0);	(672186.9, 4101935.4,	110.6,	282.0,	0.0);
(672164.5, 4101924.7,	110.0,	282.0,	0.0);	(672142.2, 4101914.0,	110.5,	282.0,	0.0);
(672119.9, 4101903.3,	110.9,	282.0,	0.0);	(672097.5, 4101892.6,	112.1,	168.5,	0.0);
(672075.2, 4101881.9,	115.5,	168.5,	0.0);	(672052.9, 4101871.2,	120.5,	168.5,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672030.5, 4101860.5,	126.6,	168.5,	0.0);	(672008.2, 4101849.8,	133.4,	168.5,	0.0);
(671985.9, 4101839.1,	140.3,	168.5,	0.0);	(671963.5, 4101828.4,	143.7,	168.5,	0.0);
(671941.2, 4101817.7,	144.9,	168.5,	0.0);	(671918.9, 4101807.0,	143.1,	168.5,	0.0);
(671896.5, 4101796.3,	140.8,	168.5,	0.0);	(671874.2, 4101785.6,	140.9,	168.5,	0.0);
(671851.8, 4101774.9,	142.9,	168.5,	0.0);	(671829.5, 4101764.2,	151.1,	168.5,	0.0);
(671807.2, 4101753.5,	162.5,	168.3,	0.0);	(671784.8, 4101742.8,	167.8,	167.8,	0.0);
(671762.5, 4101732.1,	166.7,	166.7,	0.0);	(671740.2, 4101721.4,	166.7,	166.7,	0.0);
(671717.8, 4101710.7,	166.7,	166.7,	0.0);	(671695.5, 4101700.0,	166.7,	166.7,	0.0);
(671673.2, 4101689.3,	166.7,	166.7,	0.0);	(672358.0, 4101972.3,	111.8,	282.0,	0.0);
(672373.6, 4101990.1,	111.5,	159.8,	0.0);	(672389.2, 4102007.9,	110.7,	159.8,	0.0);
(672404.7, 4102025.7,	109.9,	159.8,	0.0);	(672418.2, 4102067.0,	108.9,	108.9,	0.0);
(672416.0, 4102090.5,	108.3,	129.8,	0.0);	(672413.9, 4102114.1,	107.6,	139.6,	0.0);
(672411.7, 4102137.6,	106.6,	139.9,	0.0);	(672342.5, 4101954.5,	112.0,	282.0,	0.0);
(672320.1, 4101943.8,	111.8,	282.0,	0.0);	(672297.8, 4101933.1,	112.0,	282.0,	0.0);
(672275.5, 4101922.4,	112.5,	282.0,	0.0);	(672253.1, 4101911.7,	112.7,	282.0,	0.0);
(672230.8, 4101901.0,	112.3,	282.0,	0.0);	(672208.5, 4101890.3,	111.2,	282.0,	0.0);
(672186.1, 4101879.6,	110.9,	282.0,	0.0);	(672163.8, 4101868.9,	111.5,	282.0,	0.0);
(672141.5, 4101858.2,	112.2,	282.0,	0.0);	(672119.1, 4101847.5,	112.7,	282.0,	0.0);
(672096.8, 4101836.8,	117.4,	168.5,	0.0);	(672074.5, 4101826.1,	120.2,	168.5,	0.0);
(672052.1, 4101815.4,	124.3,	168.5,	0.0);	(672029.8, 4101804.7,	131.0,	168.5,	0.0);
(672007.5, 4101794.0,	139.4,	168.5,	0.0);	(671985.1, 4101783.3,	142.8,	168.5,	0.0);
(671962.8, 4101772.6,	143.0,	168.5,	0.0);	(671940.5, 4101761.9,	140.9,	168.5,	0.0);
(671918.1, 4101751.2,	138.2,	168.5,	0.0);	(671895.8, 4101740.5,	137.4,	168.5,	0.0);
(671873.5, 4101729.8,	140.2,	168.5,	0.0);	(671851.1, 4101719.1,	149.6,	168.5,	0.0);
(671828.8, 4101708.4,	161.1,	168.2,	0.0);	(671806.5, 4101697.7,	167.8,	167.8,	0.0);
(671784.1, 4101687.0,	166.7,	166.7,	0.0);	(671761.8, 4101676.3,	166.7,	166.7,	0.0);
(671739.5, 4101665.6,	166.7,	166.7,	0.0);	(671717.1, 4101654.9,	166.7,	166.7,	0.0);
(671694.8, 4101644.2,	166.7,	166.7,	0.0);	(671672.5, 4101633.5,	166.7,	166.7,	0.0);
(672378.9, 4101926.4,	113.7,	282.0,	0.0);	(672408.5, 4101960.2,	112.0,	282.0,	0.0);
(672423.4, 4101977.2,	111.2,	282.0,	0.0);	(672453.0, 4102011.1,	110.2,	282.0,	0.0);
(672465.8, 4102050.4,	109.6,	206.5,	0.0);	(672461.7, 4102095.2,	109.0,	139.7,	0.0);
(672459.7, 4102117.7,	108.6,	140.0,	0.0);	(672455.6, 4102162.5,	107.5,	140.0,	0.0);
(672364.1, 4101909.4,	114.2,	282.0,	0.0);	(672341.7, 4101898.7,	114.3,	282.0,	0.0);
(672319.4, 4101888.0,	114.6,	282.0,	0.0);	(672297.1, 4101877.3,	115.2,	282.0,	0.0);
(672274.7, 4101866.6,	115.7,	282.0,	0.0);	(672252.4, 4101855.9,	115.5,	282.0,	0.0);
(672230.1, 4101845.2,	116.4,	282.0,	0.0);	(672207.7, 4101834.5,	116.2,	282.0,	0.0);
(672185.4, 4101823.8,	116.8,	282.0,	0.0);	(672163.1, 4101813.1,	117.0,	282.0,	0.0);
(672140.7, 4101802.4,	115.6,	290.4,	0.0);	(672118.4, 4101791.7,	115.6,	290.4,	0.0);
(672096.1, 4101781.0,	119.3,	282.0,	0.0);	(672073.7, 4101770.3,	122.3,	281.8,	0.0);
(672051.4, 4101759.6,	127.6,	168.5,	0.0);	(672029.1, 4101748.9,	136.0,	168.5,	0.0);
(672006.7, 4101738.2,	142.2,	168.3,	0.0);	(671984.4, 4101727.5,	142.8,	168.3,	0.0);
(671962.1, 4101716.8,	139.5,	168.5,	0.0);	(671939.7, 4101706.1,	134.7,	168.5,	0.0);
(671917.4, 4101695.4,	133.5,	168.5,	0.0);	(671895.1, 4101684.7,	138.9,	168.5,	0.0);
(671872.7, 4101674.0,	148.0,	168.3,	0.0);	(671850.4, 4101663.3,	159.9,	168.2,	0.0);
(671828.1, 4101652.6,	167.8,	167.8,	0.0);	(671805.7, 4101641.9,	166.6,	166.6,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671783.4, 4101631.2,	166.7,	166.7,	0.0);	(671761.1, 4101620.5,	166.7,	166.7,	0.0);
(671738.7, 4101609.8,	166.7,	166.7,	0.0);	(671716.4, 4101599.1,	166.7,	166.7,	0.0);
(671694.1, 4101588.4,	166.7,	166.7,	0.0);	(672401.9, 4101882.9,	116.3,	294.7,	0.0);
(672418.1, 4101901.4,	115.9,	282.0,	0.0);	(672434.3, 4101919.9,	115.2,	282.0,	0.0);
(672450.5, 4101938.4,	114.0,	282.0,	0.0);	(672466.8, 4101957.0,	112.6,	282.0,	0.0);
(672483.0, 4101975.5,	111.7,	282.0,	0.0);	(672499.2, 4101994.0,	111.4,	282.0,	0.0);
(672513.2, 4102037.1,	111.3,	206.5,	0.0);	(672510.9, 4102061.6,	111.3,	206.5,	0.0);
(672508.7, 4102086.1,	111.0,	206.5,	0.0);	(672506.5, 4102110.6,	110.5,	206.5,	0.0);
(672504.3, 4102135.1,	110.1,	206.4,	0.0);	(672502.0, 4102159.6,	109.8,	140.0,	0.0);
(672499.8, 4102184.2,	109.0,	140.0,	0.0);	(672385.7, 4101864.4,	116.6,	295.8,	0.0);
(672363.3, 4101853.6,	116.2,	295.8,	0.0);	(672341.0, 4101842.9,	115.9,	295.8,	0.0);
(672318.7, 4101832.2,	115.9,	295.8,	0.0);	(672296.3, 4101821.5,	116.6,	295.8,	0.0);
(672274.0, 4101810.8,	117.4,	295.8,	0.0);	(672251.7, 4101800.1,	117.7,	295.8,	0.0);
(672229.3, 4101789.4,	118.0,	295.8,	0.0);	(672207.0, 4101778.7,	118.1,	295.8,	0.0);
(672184.7, 4101768.0,	117.9,	295.8,	0.0);	(672162.3, 4101757.3,	117.3,	295.8,	0.0);
(672140.0, 4101746.6,	115.8,	295.8,	0.0);	(672117.7, 4101735.9,	117.4,	295.8,	0.0);
(672095.3, 4101725.2,	120.5,	290.4,	0.0);	(672073.0, 4101714.5,	124.4,	282.0,	0.0);
(672050.7, 4101703.8,	130.6,	168.5,	0.0);	(672028.3, 4101693.1,	136.6,	168.5,	0.0);
(672006.0, 4101682.4,	138.4,	168.3,	0.0);	(671983.7, 4101671.7,	135.8,	168.5,	0.0);
(671961.3, 4101661.0,	132.9,	168.5,	0.0);	(671939.0, 4101650.3,	133.1,	168.5,	0.0);
(671916.7, 4101639.6,	138.2,	168.5,	0.0);	(671894.3, 4101628.9,	146.6,	168.3,	0.0);
(671872.0, 4101618.2,	158.7,	168.2,	0.0);	(671849.7, 4101607.5,	167.4,	167.4,	0.0);
(671827.3, 4101596.8,	166.8,	166.8,	0.0);	(671805.0, 4101586.1,	166.7,	166.7,	0.0);
(671782.7, 4101575.4,	166.7,	166.7,	0.0);	(671760.3, 4101564.7,	166.7,	166.7,	0.0);
(671738.0, 4101554.0,	166.7,	166.7,	0.0);	(671715.7, 4101543.3,	166.7,	166.7,	0.0);
(672437.4, 4101807.2,	119.3,	413.2,	0.0);	(672453.1, 4101825.1,	118.8,	413.2,	0.0);
(672468.9, 4101843.1,	118.4,	413.2,	0.0);	(672484.6, 4101861.0,	117.9,	412.5,	0.0);
(672500.3, 4101879.0,	117.3,	412.5,	0.0);	(672516.0, 4101897.0,	116.6,	295.8,	0.0);
(672531.8, 4101914.9,	115.4,	413.2,	0.0);	(672547.5, 4101932.9,	114.3,	413.2,	0.0);
(672563.2, 4101950.9,	113.7,	413.2,	0.0);	(672578.9, 4101968.8,	113.8,	282.0,	0.0);
(672592.5, 4102010.6,	115.3,	206.5,	0.0);	(672590.3, 4102034.3,	116.8,	206.5,	0.0);
(672588.2, 4102058.1,	118.3,	206.5,	0.0);	(672586.0, 4102081.9,	120.8,	122.1,	0.0);
(672583.9, 4102105.6,	123.1,	123.1,	0.0);	(672581.7, 4102129.4,	124.3,	124.3,	0.0);
(672579.5, 4102153.2,	125.0,	125.0,	0.0);	(672577.4, 4102177.0,	126.1,	130.1,	0.0);
(672575.2, 4102200.8,	125.1,	139.6,	0.0);	(672573.0, 4102224.5,	120.6,	140.0,	0.0);
(672421.7, 4101789.2,	119.6,	413.2,	0.0);	(672399.3, 4101778.5,	119.4,	413.2,	0.0);
(672377.0, 4101767.8,	119.2,	413.2,	0.0);	(672354.7, 4101757.1,	119.1,	413.2,	0.0);
(672332.3, 4101746.4,	119.1,	295.8,	0.0);	(672310.0, 4101735.7,	119.2,	295.8,	0.0);
(672287.7, 4101725.0,	119.3,	295.8,	0.0);	(672265.3, 4101714.3,	119.3,	295.8,	0.0);
(672243.0, 4101703.6,	119.5,	295.8,	0.0);	(672220.7, 4101692.9,	119.7,	295.8,	0.0);
(672198.3, 4101682.2,	120.9,	295.8,	0.0);	(672176.0, 4101671.5,	122.8,	295.8,	0.0);
(672153.7, 4101660.8,	118.0,	295.8,	0.0);	(672131.3, 4101650.1,	123.4,	295.8,	0.0);
(672109.0, 4101639.4,	124.4,	295.8,	0.0);	(672086.7, 4101628.7,	126.0,	295.8,	0.0);
(672064.3, 4101618.0,	127.6,	295.6,	0.0);	(672042.0, 4101607.3,	128.2,	294.6,	0.0);
(672019.7, 4101596.6,	127.8,	294.6,	0.0);	(671997.3, 4101585.9,	128.0,	290.4,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(671975.0, 4101575.2,	128.7,	282.0,	0.0);	(671952.7, 4101564.5,	134.4,	282.0,	0.0);
(671930.3, 4101553.8,	144.5,	168.2,	0.0);	(671908.0, 4101543.1,	156.1,	168.1,	0.0);
(671885.7, 4101532.4,	166.0,	167.7,	0.0);	(671863.3, 4101521.7,	166.9,	166.9,	0.0);
(671841.0, 4101511.0,	166.7,	166.7,	0.0);	(671818.7, 4101500.3,	166.7,	166.7,	0.0);
(671796.3, 4101489.6,	166.7,	166.7,	0.0);	(671774.0, 4101478.9,	166.7,	166.7,	0.0);
(671751.7, 4101468.2,	166.7,	166.7,	0.0);	(672473.1, 4101731.7,	123.8,	413.3,	0.0);
(672488.6, 4101749.3,	123.0,	413.3,	0.0);	(672504.0, 4101767.0,	122.0,	413.3,	0.0);
(672519.5, 4101784.6,	120.7,	413.3,	0.0);	(672534.9, 4101802.3,	119.1,	413.3,	0.0);
(672550.4, 4101819.9,	118.0,	413.3,	0.0);	(672565.8, 4101837.5,	117.0,	413.3,	0.0);
(672581.2, 4101855.2,	116.2,	413.3,	0.0);	(672596.7, 4101872.8,	115.4,	413.3,	0.0);
(672612.1, 4101890.5,	115.2,	413.3,	0.0);	(672627.6, 4101908.1,	115.3,	413.3,	0.0);
(672643.0, 4101925.7,	115.6,	413.3,	0.0);	(672658.5, 4101943.4,	115.6,	413.3,	0.0);
(672671.8, 4101984.4,	114.6,	413.3,	0.0);	(672669.7, 4102007.7,	114.5,	412.5,	0.0);
(672667.5, 4102031.1,	115.0,	289.8,	0.0);	(672665.4, 4102054.4,	115.9,	206.5,	0.0);
(672663.3, 4102077.8,	118.3,	206.5,	0.0);	(672661.2, 4102101.1,	121.3,	206.5,	0.0);
(672659.1, 4102124.5,	122.5,	206.5,	0.0);	(672656.9, 4102147.8,	124.1,	140.0,	0.0);
(672654.8, 4102171.2,	126.7,	140.0,	0.0);	(672652.7, 4102194.5,	128.8,	139.9,	0.0);
(672650.6, 4102217.9,	132.8,	139.1,	0.0);	(672648.4, 4102241.2,	134.9,	139.0,	0.0);
(672646.3, 4102264.6,	136.1,	139.0,	0.0);	(672457.7, 4101714.0,	124.1,	413.3,	0.0);
(672435.4, 4101703.3,	123.1,	413.3,	0.0);	(672413.0, 4101692.6,	122.5,	413.3,	0.0);
(672390.7, 4101681.9,	122.2,	413.3,	0.0);	(672368.4, 4101671.2,	122.0,	413.3,	0.0);
(672346.0, 4101660.5,	121.7,	413.3,	0.0);	(672323.7, 4101649.8,	121.4,	413.3,	0.0);
(672301.4, 4101639.1,	121.1,	413.3,	0.0);	(672279.0, 4101628.4,	121.0,	413.3,	0.0);
(672256.7, 4101617.7,	120.8,	413.3,	0.0);	(672234.4, 4101607.0,	120.5,	413.3,	0.0);
(672212.0, 4101596.3,	119.6,	413.3,	0.0);	(672189.7, 4101585.6,	119.2,	413.3,	0.0);
(672167.4, 4101574.9,	120.2,	413.3,	0.0);	(672145.0, 4101564.2,	122.2,	295.8,	0.0);
(672122.7, 4101553.5,	124.3,	295.8,	0.0);	(672100.4, 4101542.8,	126.7,	295.8,	0.0);
(672078.0, 4101532.1,	128.4,	295.8,	0.0);	(672055.7, 4101521.4,	129.1,	295.8,	0.0);
(672033.4, 4101510.7,	129.8,	295.8,	0.0);	(672011.0, 4101500.0,	131.4,	295.8,	0.0);
(671988.7, 4101489.3,	133.8,	295.8,	0.0);	(671966.4, 4101478.6,	142.3,	282.0,	0.0);
(671944.0, 4101467.9,	153.5,	168.1,	0.0);	(671921.7, 4101457.2,	164.4,	167.7,	0.0);
(671899.4, 4101446.5,	167.4,	167.4,	0.0);	(671877.0, 4101435.8,	166.7,	166.7,	0.0);
(671854.7, 4101425.1,	166.7,	166.7,	0.0);	(671832.3, 4101414.4,	166.7,	166.7,	0.0);
(671810.0, 4101403.7,	166.7,	166.7,	0.0);	(671787.7, 4101393.0,	166.7,	166.7,	0.0);
(672509.9, 4101657.4,	137.0,	295.8,	0.0);	(672526.1, 4101675.9,	131.2,	413.3,	0.0);
(672542.4, 4101694.5,	127.3,	413.3,	0.0);	(672558.6, 4101713.0,	124.4,	413.3,	0.0);
(672574.8, 4101731.5,	122.2,	413.3,	0.0);	(672591.0, 4101750.0,	120.6,	413.3,	0.0);
(672607.2, 4101768.6,	119.0,	413.3,	0.0);	(672623.4, 4101787.1,	117.3,	413.3,	0.0);
(672639.6, 4101805.6,	116.2,	413.3,	0.0);	(672655.9, 4101824.1,	116.0,	413.3,	0.0);
(672672.1, 4101842.6,	116.6,	413.3,	0.0);	(672688.3, 4101861.2,	119.2,	413.3,	0.0);
(672704.5, 4101879.7,	122.3,	413.3,	0.0);	(672720.7, 4101898.2,	123.3,	413.3,	0.0);
(672736.9, 4101916.7,	123.2,	413.3,	0.0);	(672750.9, 4101959.8,	118.5,	413.3,	0.0);
(672748.7, 4101984.3,	115.9,	413.3,	0.0);	(672746.5, 4102008.8,	114.9,	413.3,	0.0);
(672744.2, 4102033.3,	115.5,	413.2,	0.0);	(672742.0, 4102057.8,	116.5,	289.8,	0.0);
(672739.8, 4102082.4,	119.7,	206.5,	0.0);	(672737.6, 4102106.9,	122.7,	206.5,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672735.3, 4102131.4,	126.5,	206.5,	0.0);	(672733.1, 4102155.9,	130.2,	138.7,	0.0);
(672730.9, 4102180.4,	134.6,	136.6,	0.0);	(672728.7, 4102205.0,	136.9,	136.9,	0.0);
(672726.4, 4102229.5,	138.2,	138.2,	0.0);	(672724.2, 4102254.0,	139.0,	139.0,	0.0);
(672722.0, 4102278.5,	139.7,	139.7,	0.0);	(672719.7, 4102303.0,	138.2,	140.0,	0.0);
(672493.7, 4101638.9,	141.4,	295.8,	0.0);	(672471.4, 4101628.2,	140.3,	295.8,	0.0);
(672449.0, 4101617.5,	137.4,	295.8,	0.0);	(672426.7, 4101606.8,	131.9,	413.3,	0.0);
(672404.4, 4101596.1,	127.9,	413.3,	0.0);	(672382.0, 4101585.4,	125.6,	413.3,	0.0);
(672359.7, 4101574.7,	124.2,	413.3,	0.0);	(672337.4, 4101564.0,	123.3,	413.3,	0.0);
(672315.0, 4101553.3,	123.1,	413.3,	0.0);	(672292.7, 4101542.6,	123.2,	413.3,	0.0);
(672270.4, 4101531.9,	123.4,	413.3,	0.0);	(672248.0, 4101521.2,	124.0,	413.3,	0.0);
(672225.7, 4101510.5,	123.8,	413.3,	0.0);	(672203.4, 4101499.8,	123.1,	413.3,	0.0);
(672181.0, 4101489.1,	121.4,	413.3,	0.0);	(672158.7, 4101478.4,	125.0,	413.3,	0.0);
(672136.4, 4101467.7,	129.6,	295.8,	0.0);	(672114.0, 4101457.0,	132.4,	295.8,	0.0);
(672091.7, 4101446.3,	135.0,	295.8,	0.0);	(672069.4, 4101435.6,	137.4,	295.8,	0.0);
(672047.0, 4101424.9,	138.5,	295.8,	0.0);	(672024.7, 4101414.2,	138.7,	295.8,	0.0);
(672002.4, 4101403.5,	140.4,	295.8,	0.0);	(671980.0, 4101392.8,	149.7,	282.0,	0.0);
(671957.7, 4101382.1,	162.9,	168.1,	0.0);	(671935.4, 4101371.4,	168.0,	168.0,	0.0);
(671913.0, 4101360.7,	166.7,	166.7,	0.0);	(671890.7, 4101350.0,	166.7,	166.7,	0.0);
(671868.4, 4101339.3,	166.7,	166.7,	0.0);	(671846.0, 4101328.6,	166.7,	166.7,	0.0);
(671823.7, 4101317.9,	166.7,	166.7,	0.0);	(672617.9, 4101432.0,	138.0,	413.3,	0.0);
(672634.2, 4101450.5,	139.8,	413.3,	0.0);	(672650.4, 4101469.0,	142.5,	413.3,	0.0);
(672666.6, 4101487.5,	146.2,	413.3,	0.0);	(672682.8, 4101506.1,	148.5,	413.3,	0.0);
(672699.0, 4101524.6,	150.9,	413.3,	0.0);	(672715.2, 4101543.1,	153.1,	413.3,	0.0);
(672731.5, 4101561.6,	155.2,	413.2,	0.0);	(672747.7, 4101580.1,	154.1,	413.3,	0.0);
(672763.9, 4101598.7,	149.1,	413.3,	0.0);	(672780.1, 4101617.2,	145.5,	413.3,	0.0);
(672796.3, 4101635.7,	143.5,	413.3,	0.0);	(672812.5, 4101654.2,	141.0,	413.3,	0.0);
(672828.8, 4101672.8,	137.2,	413.3,	0.0);	(672845.0, 4101691.3,	133.7,	413.3,	0.0);
(672861.2, 4101709.8,	130.8,	413.3,	0.0);	(672877.4, 4101728.3,	128.7,	413.3,	0.0);
(672893.6, 4101746.9,	127.7,	413.3,	0.0);	(672909.8, 4101765.4,	126.7,	413.3,	0.0);
(672926.1, 4101783.9,	126.5,	413.3,	0.0);	(672942.3, 4101802.4,	126.6,	413.3,	0.0);
(672958.5, 4101820.9,	126.7,	413.3,	0.0);	(672974.7, 4101839.5,	126.5,	413.3,	0.0);
(672988.7, 4101882.5,	125.1,	413.3,	0.0);	(672986.5, 4101907.0,	124.0,	413.3,	0.0);
(672984.2, 4101931.5,	123.1,	413.3,	0.0);	(672982.0, 4101956.1,	122.1,	413.3,	0.0);
(672979.8, 4101980.6,	121.5,	413.3,	0.0);	(672977.6, 4102005.1,	121.1,	413.3,	0.0);
(672975.3, 4102029.6,	120.2,	413.3,	0.0);	(672973.1, 4102054.1,	119.5,	413.3,	0.0);
(672970.9, 4102078.6,	118.7,	413.3,	0.0);	(672968.6, 4102103.2,	118.0,	413.2,	0.0);
(672966.4, 4102127.7,	117.3,	289.8,	0.0);	(672964.2, 4102152.2,	116.5,	289.8,	0.0);
(672962.0, 4102176.7,	115.6,	289.8,	0.0);	(672959.7, 4102201.2,	114.6,	289.8,	0.0);
(672957.5, 4102225.8,	113.7,	289.8,	0.0);	(672955.3, 4102250.3,	113.5,	289.8,	0.0);
(672953.0, 4102274.8,	114.6,	289.8,	0.0);	(672950.8, 4102299.3,	116.5,	289.8,	0.0);
(672948.6, 4102323.8,	119.1,	206.5,	0.0);	(672946.4, 4102348.3,	120.7,	206.5,	0.0);
(672944.1, 4102372.9,	120.3,	205.7,	0.0);	(672941.9, 4102397.4,	118.2,	163.2,	0.0);
(672939.7, 4102421.9,	112.9,	206.5,	0.0);	(672601.7, 4101413.4,	136.4,	413.3,	0.0);
(672579.4, 4101402.7,	135.0,	413.3,	0.0);	(672557.1, 4101392.0,	134.1,	413.3,	0.0);
(672534.7, 4101381.3,	133.9,	413.3,	0.0);	(672512.4, 4101370.6,	133.9,	413.3,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672490.1, 4101359.9,	134.3,	413.3,	0.0);	(672467.7, 4101349.2,	134.7,	413.3,	0.0);
(672445.4, 4101338.5,	135.3,	413.3,	0.0);	(672423.1, 4101327.8,	135.6,	413.3,	0.0);
(672400.7, 4101317.1,	135.3,	413.3,	0.0);	(672378.4, 4101306.4,	134.9,	413.3,	0.0);
(672356.1, 4101295.7,	135.8,	413.3,	0.0);	(672333.7, 4101285.0,	136.4,	413.3,	0.0);
(672311.4, 4101274.3,	136.6,	413.3,	0.0);	(672289.1, 4101263.6,	136.4,	413.3,	0.0);
(672266.7, 4101252.9,	135.9,	413.3,	0.0);	(672244.4, 4101242.2,	135.3,	413.3,	0.0);
(672222.1, 4101231.5,	133.0,	413.3,	0.0);	(672199.7, 4101220.8,	129.4,	413.3,	0.0);
(672177.4, 4101210.1,	134.5,	413.3,	0.0);	(672155.1, 4101199.4,	140.5,	413.3,	0.0);
(672132.7, 4101188.7,	143.6,	413.3,	0.0);	(672110.4, 4101178.0,	146.3,	413.2,	0.0);
(672088.1, 4101167.3,	149.2,	295.8,	0.0);	(672065.7, 4101156.6,	153.7,	295.8,	0.0);
(672043.4, 4101145.9,	165.6,	295.6,	0.0);	(672021.1, 4101135.2,	167.8,	282.0,	0.0);
(671998.7, 4101124.5,	166.7,	282.0,	0.0);	(671976.4, 4101113.8,	166.7,	282.0,	0.0);
(671954.1, 4101103.1,	166.7,	282.0,	0.0);	(671931.7, 4101092.4,	166.7,	282.0,	0.0);
(672726.0, 4101206.5,	184.5,	413.2,	0.0);	(672742.2, 4101225.0,	177.1,	413.3,	0.0);
(672758.4, 4101243.6,	170.4,	413.3,	0.0);	(672774.6, 4101262.1,	163.1,	413.3,	0.0);
(672790.8, 4101280.6,	157.0,	413.3,	0.0);	(672807.1, 4101299.1,	152.5,	413.3,	0.0);
(672823.3, 4101317.6,	148.2,	413.3,	0.0);	(672839.5, 4101336.2,	145.5,	413.3,	0.0);
(672855.7, 4101354.7,	145.2,	413.3,	0.0);	(672871.9, 4101373.2,	148.5,	413.3,	0.0);
(672888.1, 4101391.7,	153.5,	413.3,	0.0);	(672904.4, 4101410.3,	158.6,	413.3,	0.0);
(672920.6, 4101428.8,	162.6,	413.3,	0.0);	(672936.8, 4101447.3,	166.9,	413.3,	0.0);
(672953.0, 4101465.8,	170.6,	413.3,	0.0);	(672969.2, 4101484.4,	170.3,	413.3,	0.0);
(672985.4, 4101502.9,	168.3,	413.3,	0.0);	(673001.7, 4101521.4,	165.2,	413.3,	0.0);
(673017.9, 4101539.9,	159.2,	413.3,	0.0);	(673034.1, 4101558.4,	152.5,	413.3,	0.0);
(673050.3, 4101577.0,	145.0,	413.3,	0.0);	(673066.5, 4101595.5,	139.7,	413.3,	0.0);
(673082.7, 4101614.0,	135.5,	413.3,	0.0);	(673098.9, 4101632.5,	135.1,	413.3,	0.0);
(673115.2, 4101651.1,	135.6,	413.3,	0.0);	(673131.4, 4101669.6,	136.6,	413.3,	0.0);
(673147.6, 4101688.1,	139.1,	413.3,	0.0);	(673163.8, 4101706.6,	141.5,	413.3,	0.0);
(673180.0, 4101725.2,	141.7,	413.3,	0.0);	(673196.2, 4101743.7,	141.0,	413.3,	0.0);
(673212.5, 4101762.2,	140.2,	413.3,	0.0);	(673226.5, 4101805.2,	135.4,	413.3,	0.0);
(673224.2, 4101829.8,	134.4,	413.3,	0.0);	(673222.0, 4101854.3,	135.1,	413.3,	0.0);
(673219.8, 4101878.8,	136.7,	413.3,	0.0);	(673217.5, 4101903.3,	138.7,	413.3,	0.0);
(673215.3, 4101927.8,	141.1,	413.3,	0.0);	(673213.1, 4101952.3,	143.1,	289.8,	0.0);
(673210.9, 4101976.9,	145.1,	289.8,	0.0);	(673208.6, 4102001.4,	147.9,	289.8,	0.0);
(673206.4, 4102025.9,	152.7,	289.8,	0.0);	(673204.2, 4102050.4,	157.4,	206.5,	0.0);
(673201.9, 4102074.9,	161.0,	163.0,	0.0);	(673199.7, 4102099.4,	162.8,	162.8,	0.0);
(673197.5, 4102124.0,	161.4,	162.6,	0.0);	(673195.2, 4102148.5,	157.6,	163.2,	0.0);
(673193.0, 4102173.0,	150.7,	163.5,	0.0);	(673190.8, 4102197.5,	142.6,	206.5,	0.0);
(673188.6, 4102222.0,	137.7,	289.8,	0.0);	(673186.3, 4102246.6,	132.8,	289.8,	0.0);
(673184.1, 4102271.1,	128.7,	289.8,	0.0);	(673181.9, 4102295.6,	126.7,	289.8,	0.0);
(673179.7, 4102320.1,	124.7,	289.8,	0.0);	(673177.4, 4102344.6,	122.7,	289.8,	0.0);
(673175.2, 4102369.1,	120.2,	289.8,	0.0);	(673173.0, 4102393.7,	117.6,	289.8,	0.0);
(673170.7, 4102418.2,	113.9,	289.8,	0.0);	(673168.5, 4102442.7,	110.5,	289.8,	0.0);
(673166.3, 4102467.2,	108.3,	289.8,	0.0);	(673164.1, 4102491.7,	106.2,	289.8,	0.0);
(673161.8, 4102516.2,	104.6,	289.8,	0.0);	(673159.6, 4102540.8,	103.6,	289.8,	0.0);
(672709.8, 4101188.0,	186.1,	412.5,	0.0);	(672687.4, 4101177.3,	185.8,	295.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(672665.1, 4101166.6,	185.7,	295.8,	0.0);	(672642.8, 4101155.9,	186.7,	295.8,	0.0);
(672620.4, 4101145.2,	187.6,	295.8,	0.0);	(672598.1, 4101134.5,	187.0,	295.8,	0.0);
(672575.8, 4101123.8,	184.0,	295.8,	0.0);	(672553.4, 4101113.1,	179.5,	413.3,	0.0);
(672531.1, 4101102.4,	173.4,	413.3,	0.0);	(672508.8, 4101091.7,	161.9,	413.3,	0.0);
(672486.4, 4101081.0,	153.9,	413.3,	0.0);	(672464.1, 4101070.3,	148.8,	413.3,	0.0);
(672441.8, 4101059.6,	146.3,	413.3,	0.0);	(672419.4, 4101048.9,	145.0,	413.3,	0.0);
(672397.1, 4101038.2,	144.2,	413.3,	0.0);	(672374.8, 4101027.5,	143.4,	413.3,	0.0);
(672352.4, 4101016.8,	143.3,	413.3,	0.0);	(672330.1, 4101006.1,	144.5,	413.3,	0.0);
(672307.8, 4100995.4,	144.1,	413.3,	0.0);	(672285.4, 4100984.7,	142.4,	413.3,	0.0);
(672263.1, 4100974.0,	140.2,	413.3,	0.0);	(672240.8, 4100963.3,	138.0,	413.3,	0.0);
(672218.4, 4100952.6,	140.1,	413.3,	0.0);	(672196.1, 4100941.9,	143.9,	413.3,	0.0);
(672173.8, 4100931.2,	148.2,	413.3,	0.0);	(672151.4, 4100920.5,	151.4,	413.3,	0.0);
(672129.1, 4100909.8,	155.7,	413.3,	0.0);	(672106.7, 4100899.0,	165.1,	295.8,	0.0);
(672084.4, 4100888.3,	167.9,	295.8,	0.0);	(672062.1, 4100877.6,	166.7,	295.8,	0.0);
(672039.7, 4100866.9,	166.7,	402.5,	0.0);	(672942.0, 4100755.6,	181.6,	413.3,	0.0);
(672958.2, 4100774.1,	185.7,	413.3,	0.0);	(672974.5, 4100792.6,	189.8,	413.3,	0.0);
(672990.7, 4100811.2,	193.5,	413.3,	0.0);	(673006.9, 4100829.7,	198.8,	413.3,	0.0);
(673023.1, 4100848.2,	204.5,	413.3,	0.0);	(673039.3, 4100866.7,	203.2,	413.3,	0.0);
(673055.5, 4100885.3,	198.1,	413.3,	0.0);	(673071.8, 4100903.8,	190.1,	413.3,	0.0);
(673088.0, 4100922.3,	185.0,	413.3,	0.0);	(673104.2, 4100940.8,	178.9,	413.3,	0.0);
(673120.4, 4100959.4,	176.9,	413.3,	0.0);	(673136.6, 4100977.9,	178.2,	413.3,	0.0);
(673152.8, 4100996.4,	179.5,	413.3,	0.0);	(673169.1, 4101014.9,	177.9,	413.3,	0.0);
(673185.3, 4101033.4,	175.8,	413.3,	0.0);	(673201.5, 4101052.0,	173.8,	413.3,	0.0);
(673217.7, 4101070.5,	171.6,	413.3,	0.0);	(673233.9, 4101089.0,	171.1,	413.3,	0.0);
(673250.1, 4101107.5,	170.5,	413.3,	0.0);	(673266.4, 4101126.1,	169.6,	413.3,	0.0);
(673282.6, 4101144.6,	178.7,	413.3,	0.0);	(673298.8, 4101163.1,	189.2,	413.3,	0.0);
(673315.0, 4101181.6,	196.9,	413.3,	0.0);	(673331.2, 4101200.1,	202.2,	413.3,	0.0);
(673347.4, 4101218.7,	208.3,	413.3,	0.0);	(673363.7, 4101237.2,	207.7,	413.3,	0.0);
(673379.9, 4101255.7,	202.3,	413.3,	0.0);	(673396.1, 4101274.2,	195.5,	413.3,	0.0);
(673412.3, 4101292.8,	189.6,	413.3,	0.0);	(673428.5, 4101311.3,	185.2,	413.3,	0.0);
(673444.7, 4101329.8,	182.7,	413.3,	0.0);	(673461.0, 4101348.3,	182.1,	413.3,	0.0);
(673477.2, 4101366.9,	184.1,	413.3,	0.0);	(673493.4, 4101385.4,	187.2,	413.3,	0.0);
(673509.6, 4101403.9,	189.4,	413.3,	0.0);	(673525.8, 4101422.4,	187.6,	413.3,	0.0);
(673542.0, 4101440.9,	182.9,	413.3,	0.0);	(673558.2, 4101459.5,	178.5,	413.3,	0.0);
(673574.5, 4101478.0,	173.8,	413.3,	0.0);	(673590.7, 4101496.5,	169.1,	413.3,	0.0);
(673606.9, 4101515.0,	164.8,	413.3,	0.0);	(673623.1, 4101533.6,	161.0,	413.3,	0.0);
(673639.3, 4101552.1,	156.7,	413.3,	0.0);	(673655.5, 4101570.6,	152.7,	413.3,	0.0);
(673671.8, 4101589.1,	152.9,	413.3,	0.0);	(673688.0, 4101607.7,	154.6,	413.3,	0.0);
(673702.0, 4101650.7,	157.3,	413.3,	0.0);	(673699.7, 4101675.2,	156.2,	413.3,	0.0);
(673697.5, 4101699.7,	156.3,	413.3,	0.0);	(673695.3, 4101724.2,	158.9,	413.3,	0.0);
(673693.1, 4101748.8,	163.4,	413.3,	0.0);	(673690.8, 4101773.3,	163.9,	413.3,	0.0);
(673688.6, 4101797.8,	161.6,	413.3,	0.0);	(673686.4, 4101822.3,	156.9,	413.3,	0.0);
(673684.1, 4101846.8,	153.6,	413.3,	0.0);	(673681.9, 4101871.4,	148.7,	413.3,	0.0);
(673679.7, 4101895.9,	143.4,	413.3,	0.0);	(673677.5, 4101920.4,	140.7,	413.3,	0.0);
(673675.2, 4101944.9,	141.8,	413.3,	0.0);	(673673.0, 4101969.4,	142.1,	413.3,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(673670.8, 4101993.9,	142.2,	413.3,	0.0);	(673668.5, 4102018.5,	141.7,	413.3,	0.0);
(673666.3, 4102043.0,	138.1,	413.3,	0.0);	(673664.1, 4102067.5,	133.9,	413.3,	0.0);
(673661.9, 4102092.0,	129.8,	413.3,	0.0);	(673659.6, 4102116.5,	126.3,	413.3,	0.0);
(673657.4, 4102141.0,	123.4,	413.3,	0.0);	(673655.2, 4102165.6,	119.8,	413.3,	0.0);
(673652.9, 4102190.1,	117.6,	413.3,	0.0);	(673650.7, 4102214.6,	117.0,	413.3,	0.0);
(673648.5, 4102239.1,	116.9,	413.3,	0.0);	(673646.3, 4102263.6,	116.6,	413.3,	0.0);
(673644.0, 4102288.1,	116.3,	413.3,	0.0);	(673641.8, 4102312.7,	115.7,	413.2,	0.0);
(673639.6, 4102337.2,	114.8,	312.9,	0.0);	(673637.3, 4102361.7,	115.0,	309.1,	0.0);
(673635.1, 4102386.2,	116.8,	294.8,	0.0);	(673632.9, 4102410.7,	121.1,	289.8,	0.0);
(673630.7, 4102435.3,	124.2,	289.8,	0.0);	(673628.4, 4102459.8,	126.6,	289.8,	0.0);
(673626.2, 4102484.3,	128.8,	289.8,	0.0);	(673624.0, 4102508.8,	131.5,	289.8,	0.0);
(673621.8, 4102533.3,	133.2,	136.5,	0.0);	(673619.5, 4102557.8,	131.7,	136.5,	0.0);
(673617.3, 4102582.4,	129.4,	136.5,	0.0);	(673615.1, 4102606.9,	126.9,	136.5,	0.0);
(673612.8, 4102631.4,	123.8,	136.5,	0.0);	(673610.6, 4102655.9,	121.7,	136.5,	0.0);
(673608.4, 4102680.4,	120.1,	136.5,	0.0);	(673606.2, 4102704.9,	118.7,	136.4,	0.0);
(673603.9, 4102729.5,	117.2,	136.0,	0.0);	(673601.7, 4102754.0,	114.9,	136.0,	0.0);
(673599.5, 4102778.5,	112.7,	112.7,	0.0);	(672925.8, 4100737.1,	177.2,	413.3,	0.0);
(672903.5, 4100726.4,	173.4,	413.3,	0.0);	(672881.1, 4100715.7,	168.2,	413.3,	0.0);
(672858.8, 4100705.0,	165.1,	413.3,	0.0);	(672836.5, 4100694.3,	167.0,	413.3,	0.0);
(672814.1, 4100683.6,	170.6,	413.3,	0.0);	(672791.8, 4100672.9,	175.5,	413.3,	0.0);
(672769.5, 4100662.2,	180.5,	413.3,	0.0);	(672747.1, 4100651.5,	186.9,	413.3,	0.0);
(672724.8, 4100640.8,	192.2,	413.3,	0.0);	(672702.5, 4100630.1,	195.4,	413.3,	0.0);
(672680.1, 4100619.4,	197.0,	413.3,	0.0);	(672657.8, 4100608.7,	197.1,	413.3,	0.0);
(672635.5, 4100598.0,	197.0,	413.3,	0.0);	(672613.1, 4100587.3,	198.9,	413.3,	0.0);
(672590.8, 4100576.6,	201.2,	413.3,	0.0);	(672568.5, 4100565.9,	203.0,	413.3,	0.0);
(672546.1, 4100555.2,	204.0,	413.3,	0.0);	(672523.8, 4100544.5,	203.8,	413.3,	0.0);
(672501.5, 4100533.8,	202.2,	413.3,	0.0);	(672479.1, 4100523.0,	198.8,	413.3,	0.0);
(672456.8, 4100512.3,	195.8,	413.3,	0.0);	(672434.5, 4100501.6,	192.9,	413.3,	0.0);
(672412.1, 4100490.9,	188.8,	413.3,	0.0);	(672389.8, 4100480.2,	179.0,	413.3,	0.0);
(672367.5, 4100469.5,	171.2,	413.3,	0.0);	(672345.1, 4100458.8,	166.2,	413.3,	0.0);
(672322.8, 4100448.1,	163.5,	413.3,	0.0);	(672300.5, 4100437.4,	161.6,	413.3,	0.0);
(672278.1, 4100426.7,	160.0,	413.3,	0.0);	(672255.8, 4100416.0,	157.8,	413.3,	0.0);
(673158.1, 4100304.7,	204.9,	413.3,	0.0);	(673174.3, 4100323.2,	199.8,	413.3,	0.0);
(673190.5, 4100341.7,	205.2,	413.3,	0.0);	(673206.7, 4100360.3,	214.1,	413.3,	0.0);
(673223.0, 4100378.8,	222.3,	413.3,	0.0);	(673239.2, 4100397.3,	231.0,	413.3,	0.0);
(673255.4, 4100415.8,	239.0,	413.3,	0.0);	(673271.6, 4100434.3,	240.5,	413.3,	0.0);
(673287.8, 4100452.9,	236.0,	413.3,	0.0);	(673304.0, 4100471.4,	229.2,	413.3,	0.0);
(673320.2, 4100489.9,	220.5,	413.3,	0.0);	(673336.5, 4100508.4,	209.0,	413.3,	0.0);
(673352.7, 4100527.0,	201.9,	413.3,	0.0);	(673368.9, 4100545.5,	197.4,	413.3,	0.0);
(673385.1, 4100564.0,	194.9,	413.3,	0.0);	(673401.3, 4100582.5,	196.6,	413.3,	0.0);
(673417.5, 4100601.1,	202.2,	413.3,	0.0);	(673433.8, 4100619.6,	207.4,	413.3,	0.0);
(673450.0, 4100638.1,	214.6,	413.3,	0.0);	(673466.2, 4100656.6,	219.4,	413.3,	0.0);
(673482.4, 4100675.1,	221.8,	413.3,	0.0);	(673498.6, 4100693.7,	224.6,	413.3,	0.0);
(673514.8, 4100712.2,	233.2,	413.3,	0.0);	(673531.1, 4100730.7,	239.3,	413.3,	0.0);
(673547.3, 4100749.2,	244.8,	413.3,	0.0);	(673563.5, 4100767.8,	249.5,	413.3,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(673579.7, 4100786.3,	253.5,	413.3,	0.0);	(673595.9, 4100804.8,	256.6,	413.3,	0.0);
(673612.1, 4100823.3,	255.8,	413.3,	0.0);	(673628.4, 4100841.9,	247.3,	413.3,	0.0);
(673644.6, 4100860.4,	238.6,	413.3,	0.0);	(673660.8, 4100878.9,	231.8,	413.3,	0.0);
(673677.0, 4100897.4,	224.8,	413.3,	0.0);	(673693.2, 4100915.9,	218.3,	413.3,	0.0);
(673709.4, 4100934.5,	213.3,	413.3,	0.0);	(673725.7, 4100953.0,	206.9,	413.3,	0.0);
(673741.9, 4100971.5,	204.3,	413.3,	0.0);	(673758.1, 4100990.0,	206.9,	413.3,	0.0);
(673774.3, 4101008.6,	211.7,	413.3,	0.0);	(673790.5, 4101027.1,	216.5,	413.3,	0.0);
(673806.7, 4101045.6,	221.5,	413.3,	0.0);	(673823.0, 4101064.1,	229.8,	413.3,	0.0);
(673839.2, 4101082.7,	235.5,	413.3,	0.0);	(673855.4, 4101101.2,	240.4,	312.9,	0.0);
(673871.6, 4101119.7,	245.5,	290.6,	0.0);	(673887.8, 4101138.2,	245.3,	289.8,	0.0);
(673904.0, 4101156.8,	239.8,	294.9,	0.0);	(673920.2, 4101175.3,	233.9,	312.9,	0.0);
(673936.5, 4101193.8,	229.2,	413.2,	0.0);	(673952.7, 4101212.3,	231.5,	312.9,	0.0);
(673968.9, 4101230.8,	236.5,	294.8,	0.0);	(673985.1, 4101249.4,	245.1,	289.8,	0.0);
(674001.3, 4101267.9,	252.6,	289.8,	0.0);	(674017.6, 4101286.4,	255.1,	289.8,	0.0);
(674033.8, 4101304.9,	253.7,	289.8,	0.0);	(674050.0, 4101323.5,	247.5,	289.8,	0.0);
(674066.2, 4101342.0,	237.3,	289.8,	0.0);	(674082.4, 4101360.5,	230.5,	289.8,	0.0);
(674098.6, 4101379.0,	223.3,	294.1,	0.0);	(674114.8, 4101397.5,	213.7,	352.9,	0.0);
(674131.1, 4101416.1,	204.2,	413.3,	0.0);	(674147.3, 4101434.6,	197.9,	413.3,	0.0);
(674163.5, 4101453.1,	193.5,	413.3,	0.0);	(674177.5, 4101496.2,	192.1,	413.3,	0.0);
(674175.2, 4101520.7,	188.8,	413.3,	0.0);	(674173.0, 4101545.2,	182.2,	413.3,	0.0);
(674170.8, 4101569.7,	179.0,	413.3,	0.0);	(674168.6, 4101594.2,	178.0,	413.3,	0.0);
(674166.3, 4101618.7,	177.6,	413.3,	0.0);	(674164.1, 4101643.3,	175.2,	413.3,	0.0);
(674161.9, 4101667.8,	171.3,	413.3,	0.0);	(674159.7, 4101692.3,	165.1,	413.3,	0.0);
(674157.4, 4101716.8,	159.1,	413.3,	0.0);	(674155.2, 4101741.3,	155.2,	413.3,	0.0);
(674153.0, 4101765.8,	153.5,	413.3,	0.0);	(674150.7, 4101790.4,	152.7,	413.3,	0.0);
(674148.5, 4101814.9,	151.6,	413.3,	0.0);	(674146.3, 4101839.4,	148.6,	413.3,	0.0);
(674144.1, 4101863.9,	142.7,	413.3,	0.0);	(674141.8, 4101888.4,	137.8,	413.3,	0.0);
(674139.6, 4101912.9,	134.4,	413.3,	0.0);	(674137.4, 4101937.5,	130.6,	413.3,	0.0);
(674135.1, 4101962.0,	127.3,	413.3,	0.0);	(674132.9, 4101986.5,	123.8,	413.3,	0.0);
(674130.7, 4102011.0,	121.5,	413.3,	0.0);	(674128.5, 4102035.5,	119.4,	413.3,	0.0);
(674126.2, 4102060.1,	117.3,	413.3,	0.0);	(674124.0, 4102084.6,	115.7,	413.3,	0.0);
(674121.8, 4102109.1,	114.2,	413.3,	0.0);	(674119.6, 4102133.6,	112.5,	413.3,	0.0);
(674117.3, 4102158.1,	110.8,	413.3,	0.0);	(674115.1, 4102182.6,	109.4,	413.3,	0.0);
(674112.9, 4102207.2,	108.2,	413.3,	0.0);	(674110.6, 4102231.7,	106.8,	413.3,	0.0);
(674108.4, 4102256.2,	105.4,	413.3,	0.0);	(674106.2, 4102280.7,	104.2,	413.3,	0.0);
(674104.0, 4102305.2,	103.4,	413.3,	0.0);	(674101.7, 4102329.8,	102.7,	413.3,	0.0);
(674099.5, 4102354.3,	102.0,	413.3,	0.0);	(674097.3, 4102378.8,	101.2,	413.3,	0.0);
(674095.0, 4102403.3,	100.5,	413.3,	0.0);	(674092.8, 4102427.8,	99.8,	413.3,	0.0);
(674090.6, 4102452.3,	99.1,	413.3,	0.0);	(674088.4, 4102476.8,	98.4,	413.3,	0.0);
(674086.1, 4102501.4,	97.8,	413.3,	0.0);	(674083.9, 4102525.9,	97.0,	413.2,	0.0);
(674081.7, 4102550.4,	96.2,	352.9,	0.0);	(674079.4, 4102574.9,	95.2,	352.9,	0.0);
(674077.2, 4102599.4,	94.4,	352.9,	0.0);	(674075.0, 4102624.0,	93.8,	352.9,	0.0);
(674072.8, 4102648.5,	93.3,	294.9,	0.0);	(674070.5, 4102673.0,	92.9,	294.9,	0.0);
(674068.3, 4102697.5,	92.5,	289.8,	0.0);	(674066.1, 4102722.0,	92.1,	289.8,	0.0);
(674063.8, 4102746.5,	91.7,	289.8,	0.0);	(674061.6, 4102771.1,	91.4,	289.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(674059.4, 4102795.6,	91.0,	289.8,	0.0);	(674057.2, 4102820.1,	90.6,	289.8,	0.0);
(674054.9, 4102844.6,	90.1,	289.8,	0.0);	(674052.7, 4102869.1,	89.6,	289.8,	0.0);
(674050.5, 4102893.6,	89.1,	289.8,	0.0);	(674048.2, 4102918.2,	88.7,	289.8,	0.0);
(674046.0, 4102942.7,	88.3,	289.8,	0.0);	(674043.8, 4102967.2,	88.0,	289.8,	0.0);
(674041.6, 4102991.7,	87.7,	289.8,	0.0);	(674039.3, 4103016.2,	87.4,	289.8,	0.0);
(673141.9, 4100286.2,	214.4,	413.3,	0.0);	(673119.5, 4100275.5,	223.0,	413.3,	0.0);
(673097.2, 4100264.8,	232.1,	413.3,	0.0);	(673074.9, 4100254.1,	241.4,	413.3,	0.0);
(673052.5, 4100243.4,	248.5,	413.3,	0.0);	(673030.2, 4100232.7,	255.1,	413.3,	0.0);
(673007.9, 4100222.0,	263.7,	413.3,	0.0);	(672985.5, 4100211.3,	270.7,	413.3,	0.0);
(672963.2, 4100200.6,	278.0,	295.8,	0.0);	(672940.9, 4100189.9,	284.9,	295.8,	0.0);
(672918.5, 4100179.2,	290.2,	295.8,	0.0);	(672896.2, 4100168.5,	294.1,	295.5,	0.0);
(672873.9, 4100157.8,	294.9,	295.2,	0.0);	(672851.5, 4100147.0,	289.9,	295.8,	0.0);
(672829.2, 4100136.3,	281.8,	295.8,	0.0);	(672806.9, 4100125.6,	270.2,	295.8,	0.0);
(672784.5, 4100114.9,	258.0,	413.3,	0.0);	(672762.2, 4100104.2,	247.9,	413.3,	0.0);
(672739.9, 4100093.5,	239.5,	413.3,	0.0);	(672717.5, 4100082.8,	231.4,	413.3,	0.0);
(672695.2, 4100072.1,	222.2,	413.3,	0.0);	(672672.9, 4100061.4,	215.7,	413.3,	0.0);
(672650.5, 4100050.7,	205.5,	413.3,	0.0);	(672628.2, 4100040.0,	198.7,	413.3,	0.0);
(672605.9, 4100029.3,	194.4,	413.3,	0.0);	(672583.5, 4100018.6,	191.5,	413.3,	0.0);
(672561.2, 4100007.9,	189.3,	413.3,	0.0);	(672538.9, 4099997.2,	187.2,	413.3,	0.0);
(672516.5, 4099986.5,	185.5,	413.3,	0.0);	(672494.2, 4099975.8,	184.1,	413.3,	0.0);
(672471.9, 4099965.1,	182.5,	413.3,	0.0);	(671221.5, 4104044.0,	71.0,	169.9,	0.0);
(670630.5, 4103839.3,	166.7,	166.7,	0.0);	(671607.6, 4101768.8,	166.7,	166.7,	0.0);
(672277.6, 4102089.8,	107.3,	168.5,	0.0);				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

Surface file: Met Data\LosBanos_2004-2008.SFC Met Version: 18081
Profile file: Met Data\LosBanos_2004-2008.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 99004 Upper air station no.: 66666
Name: UNKNOWN Name: UNKNOWN
Year: 2004 Year: 2004

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
04	01	01	1	01	-18.9	0.202	-9.000	-9.000	-999.	217.	44.7	0.05	0.65	1.00	3.10	121.	15.0	282.0	2.0
04	01	01	1	02	-18.3	0.197	-9.000	-9.000	-999.	210.	42.7	0.04	0.65	1.00	3.10	108.	15.0	281.9	2.0
04	01	01	1	03	-26.5	0.265	-9.000	-9.000	-999.	327.	77.2	0.04	0.65	1.00	4.10	104.	15.0	281.8	2.0
04	01	01	1	04	-29.9	0.299	-9.000	-9.000	-999.	392.	98.1	0.04	0.65	1.00	4.60	113.	15.0	281.6	2.0
04	01	01	1	05	-34.1	0.340	-9.000	-9.000	-999.	476.	127.4	0.05	0.65	1.00	5.10	123.	15.0	281.4	2.0
04	01	01	1	06	-38.3	0.382	-9.000	-9.000	-999.	566.	160.5	0.05	0.65	1.00	5.70	132.	15.0	281.2	2.0
04	01	01	1	07	-45.4	0.452	-9.000	-9.000	-999.	729.	224.8	0.05	0.65	1.00	6.70	135.	15.0	281.2	2.0
04	01	01	1	08	-52.0	0.523	-9.000	-9.000	-999.	906.	300.6	0.05	0.65	0.69	7.70	133.	15.0	281.0	2.0
04	01	01	1	09	-18.2	0.605	-9.000	-9.000	-999.	1129.	1099.9	0.05	0.65	0.38	8.70	127.	15.0	280.8	2.0
04	01	01	1	10	7.0	0.612	0.208	0.005	46.	1149.	-2954.0	0.05	0.65	0.27	8.70	131.	15.0	280.9	2.0
04	01	01	1	11	14.0	0.614	0.316	0.005	81.	1155.	-1490.1	0.05	0.65	0.23	8.70	134.	15.0	281.2	2.0
04	01	01	1	12	17.9	0.581	0.413	0.005	142.	1065.	-986.6	0.05	0.65	0.21	8.20	126.	15.0	281.8	2.0
04	01	01	1	13	59.7	0.558	0.797	0.005	305.	1001.	-261.4	0.05	0.65	0.21	7.70	123.	15.0	282.2	2.0
04	01	01	1	14	62.9	0.482	0.913	0.005	435.	809.	-159.8	0.04	0.65	0.22	6.70	109.	15.0	282.5	2.0
04	01	01	1	15	43.4	0.444	0.860	0.005	527.	712.	-181.1	0.04	0.65	0.25	6.20	112.	15.0	282.6	2.0
04	01	01	1	16	15.6	0.400	0.623	0.005	556.	610.	-369.5	0.04	0.65	0.34	5.70	114.	15.0	282.5	2.0
04	01	01	1	17	-21.6	0.266	-9.000	-9.000	-999.	341.	78.2	0.04	0.65	0.59	4.10	111.	15.0	282.6	2.0
04	01	01	1	18	-4.1	0.093	-9.000	-9.000	-999.	107.	17.5	0.04	0.65	1.00	1.50	87.	15.0	282.8	2.0
04	01	01	1	19	-23.0	0.230	-9.000	-9.000	-999.	265.	58.3	0.10	0.65	1.00	3.10	334.	15.0	282.4	2.0
04	01	01	1	20	-22.4	0.224	-9.000	-9.000	-999.	255.	55.4	0.09	0.65	1.00	3.10	327.	15.0	282.1	2.0
04	01	01	1	21	-16.2	0.191	-9.000	-9.000	-999.	200.	39.9	0.10	0.65	1.00	2.60	330.	15.0	281.9	2.0
04	01	01	1	22	-10.0	0.147	-9.000	-9.000	-999.	136.	28.9	0.09	0.65	1.00	2.10	302.	15.0	281.8	2.0
04	01	01	1	23	-10.3	0.150	-9.000	-9.000	-999.	140.	29.7	0.09	0.65	1.00	2.10	290.	15.0	281.2	2.0
04	01	01	1	24	-15.6	0.186	-9.000	-9.000	-999.	192.	37.9	0.09	0.65	1.00	2.60	300.	15.0	280.6	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
04	01	01	01	15.0	1	121.	3.10	282.1	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671585.02	4101758.10	0.36459	671574.40	4101780.61	0.37177
671563.78	4101803.11	0.37914	671553.16	4101825.62	0.38677
671542.54	4101848.12	0.39471	671531.92	4101870.63	0.40299
671521.30	4101893.13	0.41159	671510.68	4101915.64	0.42054
671500.06	4101938.14	0.43007	671489.44	4101960.65	0.44035
671478.82	4101983.15	0.45117	671468.20	4102005.66	0.46244
671457.57	4102028.17	0.47410	671446.95	4102050.67	0.48606
671436.33	4102073.18	0.49826	671425.71	4102095.68	0.51061
671415.09	4102118.19	0.52318	671404.47	4102140.69	0.53602
671393.85	4102163.20	0.54930	671383.23	4102185.70	0.56307
671372.61	4102208.21	0.57735	671361.99	4102230.71	0.59207
671351.37	4102253.22	0.60715	671340.75	4102275.73	0.62243
671330.13	4102298.23	0.63774	671319.51	4102320.74	0.65296
671308.89	4102343.24	0.66790	671298.27	4102365.75	0.68248
671287.65	4102388.25	0.69657	671277.03	4102410.76	0.71011
671266.40	4102433.26	0.72300	671255.78	4102455.77	0.73529
671245.16	4102478.27	0.74688	671234.54	4102500.78	0.75781
671223.92	4102523.29	0.76805	671213.30	4102545.79	0.77758
671202.68	4102568.30	0.78645	671192.06	4102590.80	0.79465
671181.44	4102613.31	0.80222	671170.82	4102635.81	0.80915
671160.20	4102658.32	0.81549	671149.58	4102680.82	0.82123
671138.96	4102703.33	0.82642	671128.34	4102725.83	0.83106
671117.72	4102748.34	0.83519	671107.10	4102770.85	0.83882
671096.48	4102793.35	0.84195	671085.86	4102815.86	0.84463
671075.23	4102838.36	0.84683	671064.61	4102860.87	0.84863
671053.99	4102883.37	0.85000	671043.37	4102905.88	0.85098
671032.75	4102928.38	0.85154	671022.13	4102950.89	0.85173
671011.51	4102973.39	0.85152	671000.89	4102995.90	0.85094
670990.27	4103018.40	0.84997	670979.65	4103040.91	0.84865
670969.03	4103063.42	0.84696	670958.41	4103085.92	0.84490
670947.79	4103108.43	0.84249	670937.17	4103130.93	0.83972
670926.55	4103153.44	0.83661	670915.93	4103175.94	0.83314
670905.31	4103198.45	0.82934	670894.69	4103220.95	0.82520
670884.07	4103243.46	0.82074	670873.44	4103265.96	0.81593
670862.82	4103288.47	0.81083	670852.20	4103310.98	0.80541
670841.58	4103333.48	0.79966	670830.96	4103355.99	0.79363
670820.34	4103378.49	0.78728	670809.72	4103401.00	0.78065
670799.10	4103423.50	0.77372	670788.48	4103446.01	0.76648
670777.86	4103468.51	0.75894	670767.24	4103491.02	0.75107
670756.62	4103513.52	0.74279	670746.00	4103536.03	0.73410

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670735.38	4103558.54	0.72498	670724.76	4103581.04	0.71541
670714.14	4103603.55	0.70524	670703.52	4103626.05	0.69426
670692.90	4103648.56	0.68258	670682.27	4103671.06	0.67034
670671.65	4103693.57	0.65761	670661.03	4103716.07	0.64452
670650.41	4103738.58	0.63111	670639.79	4103761.08	0.61741
670629.17	4103783.59	0.60344	670618.55	4103806.10	0.58908
670607.93	4103828.60	0.57420	671576.65	4101734.54	0.34262
671610.06	4101722.67	0.36014	671551.79	4101769.94	0.34672
671541.17	4101792.44	0.35323	671530.55	4101814.95	0.36000
671519.93	4101837.45	0.36705	671509.31	4101859.96	0.37442
671498.69	4101882.46	0.38204	671488.07	4101904.97	0.38997
671477.45	4101927.47	0.39843	671466.83	4101949.98	0.40753
671456.21	4101972.49	0.41713	671445.59	4101994.99	0.42712
671434.97	4102017.50	0.43752	671424.35	4102040.00	0.44820
671413.72	4102062.51	0.45908	671403.10	4102085.01	0.47012
671392.48	4102107.52	0.48128	671381.86	4102130.02	0.49259
671371.24	4102152.53	0.50417	671360.62	4102175.03	0.51611
671350.00	4102197.54	0.52851	671339.38	4102220.05	0.54137
671328.76	4102242.55	0.55461	671318.14	4102265.06	0.56819
671307.52	4102287.56	0.58194	671296.90	4102310.07	0.59578
671286.28	4102332.57	0.60954	671275.66	4102355.08	0.62312
671265.04	4102377.58	0.63639	671254.42	4102400.09	0.64928
671243.80	4102422.59	0.66170	671233.18	4102445.10	0.67363
671222.55	4102467.61	0.68499	671211.93	4102490.11	0.69580
671201.31	4102512.62	0.70603	671190.69	4102535.12	0.71565
671180.07	4102557.63	0.72469	671169.45	4102580.13	0.73312
671158.83	4102602.64	0.74098	671148.21	4102625.14	0.74825
671137.59	4102647.65	0.75498	671126.97	4102670.15	0.76116
671116.35	4102692.66	0.76682	671105.73	4102715.16	0.77195
671095.11	4102737.67	0.77660	671084.49	4102760.18	0.78077
671073.87	4102782.68	0.78447	671063.25	4102805.19	0.78772
671052.63	4102827.69	0.79053	671042.01	4102850.20	0.79292
671031.38	4102872.70	0.79487	671020.76	4102895.21	0.79644
671010.14	4102917.71	0.79760	670999.52	4102940.22	0.79839
670988.90	4102962.72	0.79878	670978.28	4102985.23	0.79881
670967.66	4103007.74	0.79846	670957.04	4103030.24	0.79775
670946.42	4103052.75	0.79668	670935.80	4103075.25	0.79526
670925.18	4103097.76	0.79350	670914.56	4103120.26	0.79139
670903.94	4103142.77	0.78897	670893.32	4103165.27	0.78621
670882.70	4103187.78	0.78314	670872.08	4103210.28	0.77975

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670861.46	4103232.79	0.77608	670850.84	4103255.30	0.77211
670840.22	4103277.80	0.76784	670829.59	4103300.31	0.76327
670818.97	4103322.81	0.75842	670808.35	4103345.32	0.75330
670797.73	4103367.82	0.74789	670787.11	4103390.33	0.74221
670776.49	4103412.83	0.73625	670765.87	4103435.34	0.73003
670755.25	4103457.84	0.72350	670744.63	4103480.35	0.71665
670734.01	4103502.86	0.70943	670723.39	4103525.36	0.70182
670712.77	4103547.87	0.69383	670702.15	4103570.37	0.68545
670691.53	4103592.88	0.67651	670680.91	4103615.38	0.66684
670670.29	4103637.89	0.65656	670659.67	4103660.39	0.64578
670649.05	4103682.90	0.63450	670638.42	4103705.40	0.62285
670627.80	4103727.91	0.61092	670617.18	4103750.41	0.59876
670606.56	4103772.92	0.58638	670595.94	4103795.43	0.57376
670585.32	4103817.93	0.56080	671554.04	4101723.88	0.32099
671601.69	4101699.11	0.33857	671529.18	4101759.27	0.32468
671518.56	4101781.77	0.33050	671507.94	4101804.28	0.33658
671497.32	4101826.78	0.34292	671486.70	4101849.29	0.34952
671476.08	4101871.79	0.35635	671465.46	4101894.30	0.36346
671454.84	4101916.81	0.37104	671444.22	4101939.31	0.37919
671433.60	4101961.82	0.38779	671422.98	4101984.32	0.39673
671412.36	4102006.83	0.40606	671401.74	4102029.33	0.41570
671391.12	4102051.84	0.42553	671380.50	4102074.34	0.43549
671369.87	4102096.85	0.44552	671359.25	4102119.35	0.45564
671348.63	4102141.86	0.46591	671338.01	4102164.37	0.47642
671327.39	4102186.87	0.48727	671316.77	4102209.38	0.49852
671306.15	4102231.88	0.51017	671295.53	4102254.39	0.52220
671284.91	4102276.89	0.53449	671274.29	4102299.40	0.54700
671263.67	4102321.90	0.55956	671253.05	4102344.41	0.57211
671242.43	4102366.91	0.58450	671231.81	4102389.42	0.59666
671221.19	4102411.92	0.60849	671210.57	4102434.43	0.61996
671199.95	4102456.94	0.63101	671189.33	4102479.44	0.64159
671178.70	4102501.95	0.65168	671168.08	4102524.45	0.66127
671157.46	4102546.96	0.67036	671146.84	4102569.46	0.67892
671136.22	4102591.97	0.68697	671125.60	4102614.47	0.69450
671114.98	4102636.98	0.70152	671104.36	4102659.48	0.70803
671093.74	4102681.99	0.71406	671083.12	4102704.50	0.71961
671072.50	4102727.00	0.72469	671061.88	4102749.51	0.72931
671051.26	4102772.01	0.73348	671040.64	4102794.52	0.73722
671030.02	4102817.02	0.74053	671019.40	4102839.53	0.74343
671008.78	4102862.03	0.74591	670998.16	4102884.54	0.74799

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670987.53	4102907.04	0.74966	670976.91	4102929.55	0.75097
670966.29	4102952.06	0.75190	670955.67	4102974.56	0.75244
670945.05	4102997.07	0.75263	670934.43	4103019.57	0.75245
670923.81	4103042.08	0.75193	670913.19	4103064.58	0.75106
670902.57	4103087.09	0.74987	670891.95	4103109.59	0.74835
670881.33	4103132.10	0.74652	670870.71	4103154.60	0.74439
670860.09	4103177.11	0.74196	670849.47	4103199.62	0.73925
670838.85	4103222.12	0.73627	670828.23	4103244.63	0.73300
670817.61	4103267.13	0.72945	670806.99	4103289.64	0.72564
670796.37	4103312.14	0.72155	670785.74	4103334.65	0.71718
670775.12	4103357.15	0.71256	670764.50	4103379.66	0.70770
670753.88	4103402.16	0.70259	670743.26	4103424.67	0.69722
670732.64	4103447.17	0.69156	670722.02	4103469.68	0.68559
670711.40	4103492.19	0.67925	670700.78	4103514.69	0.67255
670690.16	4103537.20	0.66551	670679.54	4103559.70	0.65811
670668.92	4103582.21	0.65020	670658.30	4103604.71	0.64164
670647.68	4103627.22	0.63252	670637.06	4103649.72	0.62295
670626.44	4103672.23	0.61291	670615.82	4103694.73	0.60248
670605.20	4103717.24	0.59178	670594.57	4103739.75	0.58087
670583.95	4103762.25	0.56980	670573.33	4103784.76	0.55855
670562.71	4103807.26	0.54709	671531.43	4101713.21	0.30180
671559.90	4101687.43	0.30525	671593.31	4101675.56	0.31924
671631.67	4101677.58	0.34663	671506.57	4101748.60	0.30517
671495.95	4101771.10	0.31043	671485.33	4101793.61	0.31594
671474.71	4101816.11	0.32169	671464.09	4101838.62	0.32767
671453.47	4101861.13	0.33384	671442.85	4101883.63	0.34026
671432.23	4101906.14	0.34711	671421.61	4101928.64	0.35448
671410.99	4101951.15	0.36224	671400.37	4101973.65	0.37031
671389.75	4101996.16	0.37875	671379.13	4102018.66	0.38751
671368.51	4102041.17	0.39646	671357.89	4102063.67	0.40552
671347.27	4102086.18	0.41465	671336.65	4102108.68	0.42383
671326.02	4102131.19	0.43306	671315.40	4102153.70	0.44244
671304.78	4102176.20	0.45204	671294.16	4102198.71	0.46197
671283.54	4102221.21	0.47225	671272.92	4102243.72	0.48291
671262.30	4102266.22	0.49389	671251.68	4102288.73	0.50514
671241.06	4102311.23	0.51656	671230.44	4102333.74	0.52807
671219.82	4102356.24	0.53956	671209.20	4102378.75	0.55095
671198.58	4102401.26	0.56214	671187.96	4102423.76	0.57307
671177.34	4102446.27	0.58370	671166.72	4102468.77	0.59396
671156.10	4102491.28	0.60384	671145.48	4102513.78	0.61331

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671134.85	4102536.29	0.62233	671124.23	4102558.79	0.63092
671113.61	4102581.30	0.63906	671102.99	4102603.80	0.64673
671092.37	4102626.31	0.65395	671081.75	4102648.82	0.66072
671071.13	4102671.32	0.66702	671060.51	4102693.83	0.67288
671049.89	4102716.33	0.67830	671039.27	4102738.84	0.68329
671028.65	4102761.34	0.68784	671018.03	4102783.85	0.69198
671007.41	4102806.35	0.69571	670996.79	4102828.86	0.69902
670986.17	4102851.36	0.70193	670975.55	4102873.87	0.70446
670964.93	4102896.38	0.70659	670954.31	4102918.88	0.70833
670943.68	4102941.39	0.70970	670933.06	4102963.89	0.71070
670922.44	4102986.40	0.71135	670911.82	4103008.90	0.71164
670901.20	4103031.41	0.71160	670890.58	4103053.91	0.71123
670879.96	4103076.42	0.71054	670869.34	4103098.92	0.70954
670858.72	4103121.43	0.70825	670848.10	4103143.93	0.70668
670837.48	4103166.44	0.70484	670826.86	4103188.95	0.70273
670816.24	4103211.45	0.70034	670805.62	4103233.96	0.69769
670795.00	4103256.46	0.69477	670784.38	4103278.97	0.69160
670773.76	4103301.47	0.68816	670763.14	4103323.98	0.68448
670752.52	4103346.48	0.68055	670741.89	4103368.99	0.67638
670731.27	4103391.49	0.67199	670720.65	4103414.00	0.66736
670710.03	4103436.51	0.66244	670699.41	4103459.01	0.65721
670688.79	4103481.52	0.65162	670678.17	4103504.02	0.64570
670667.55	4103526.53	0.63949	670656.93	4103549.03	0.63293
670646.31	4103571.54	0.62591	670635.69	4103594.04	0.61828
670625.07	4103616.55	0.61016	670614.45	4103639.05	0.60163
670603.83	4103661.56	0.59264	670593.21	4103684.07	0.58326
670582.59	4103706.57	0.57361	670571.97	4103729.08	0.56377
670561.35	4103751.58	0.55378	670550.72	4103774.09	0.54366
670540.10	4103796.59	0.53340	671489.06	4101689.29	0.26962
671506.14	4101673.83	0.27121	671523.23	4101658.36	0.27281
671540.31	4101642.90	0.27443	671580.40	4101628.65	0.28815
671603.41	4101629.86	0.30130	671626.43	4101631.07	0.31558
671649.44	4101632.28	0.33110	671471.98	4101704.75	0.26807
671461.36	4101727.26	0.27231	671450.74	4101749.76	0.27673
671440.11	4101772.27	0.28136	671429.49	4101794.78	0.28621
671418.87	4101817.28	0.29120	671408.25	4101839.79	0.29634
671397.63	4101862.29	0.30169	671387.01	4101884.80	0.30742
671376.39	4101907.30	0.31356	671365.77	4101929.81	0.32003
671355.15	4101952.31	0.32673	671344.53	4101974.82	0.33375
671333.91	4101997.32	0.34108	671323.29	4102019.83	0.34866

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671312.67	4102042.34	0.35634	671302.05	4102064.84	0.36408
671291.43	4102087.35	0.37183	671280.81	4102109.85	0.37959
671270.19	4102132.36	0.38737	671259.57	4102154.86	0.39521
671248.94	4102177.37	0.40318	671238.32	4102199.87	0.41137
671227.70	4102222.38	0.41985	671217.08	4102244.88	0.42863
671206.46	4102267.39	0.43772	671195.84	4102289.89	0.44707
671185.22	4102312.40	0.45664	671174.60	4102334.91	0.46638
671163.98	4102357.41	0.47618	671153.36	4102379.92	0.48600
671142.74	4102402.42	0.49574	671132.12	4102424.93	0.50537
671121.50	4102447.43	0.51481	671110.88	4102469.94	0.52404
671100.26	4102492.44	0.53301	671089.64	4102514.95	0.54170
671079.02	4102537.45	0.55007	671068.40	4102559.96	0.55812
671057.78	4102582.47	0.56583	671047.15	4102604.97	0.57316
671036.53	4102627.48	0.58014	671025.91	4102649.98	0.58674
671015.29	4102672.49	0.59296	671004.67	4102694.99	0.59879
670994.05	4102717.50	0.60425	670983.43	4102740.00	0.60931
670972.81	4102762.51	0.61399	670962.19	4102785.01	0.61828
670951.57	4102807.52	0.62220	670940.95	4102830.03	0.62574
670930.33	4102852.53	0.62890	670919.71	4102875.04	0.63170
670909.09	4102897.54	0.63414	670898.47	4102920.05	0.63623
670887.85	4102942.55	0.63797	670877.23	4102965.06	0.63938
670866.61	4102987.56	0.64046	670855.98	4103010.07	0.64123
670845.36	4103032.57	0.64170	670834.74	4103055.08	0.64190
670824.12	4103077.59	0.64183	670813.50	4103100.09	0.64148
670802.88	4103122.60	0.64088	670792.26	4103145.10	0.64002
670781.64	4103167.61	0.63890	670771.02	4103190.11	0.63752
670760.40	4103212.62	0.63589	670749.78	4103235.12	0.63401
670739.16	4103257.63	0.63188	670728.54	4103280.13	0.62953
670717.92	4103302.64	0.62695	670707.30	4103325.14	0.62417
670696.68	4103347.65	0.62118	670686.06	4103370.16	0.61798
670675.44	4103392.66	0.61454	670664.82	4103415.17	0.61081
670654.19	4103437.67	0.60676	670643.57	4103460.18	0.60241
670632.95	4103482.68	0.59779	670622.33	4103505.19	0.59291
670611.71	4103527.69	0.58775	670601.09	4103550.20	0.58216
670590.47	4103572.70	0.57606	670579.85	4103595.21	0.56955
670569.23	4103617.72	0.56270	670558.61	4103640.22	0.55547
670547.99	4103662.73	0.54782	670537.37	4103685.23	0.53987
670526.75	4103707.74	0.53175	670516.13	4103730.24	0.52349
670505.51	4103752.75	0.51513	670494.89	4103775.25	0.50669
671443.03	4101668.69	0.24327	671475.57	4101639.23	0.24558

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671508.11	4101609.78	0.24795	671562.56	4101581.48	0.25990
671606.39	4101583.79	0.28125	671650.22	4101586.10	0.30605
671416.14	4101705.92	0.24583	671405.52	4101728.43	0.24965
671394.90	4101750.93	0.25366	671384.28	4101773.44	0.25782
671373.66	4101795.94	0.26209	671363.04	4101818.45	0.26647
671352.41	4101840.95	0.27104	671341.79	4101863.46	0.27594
671331.17	4101885.96	0.28119	671320.55	4101908.47	0.28671
671309.93	4101930.97	0.29240	671299.31	4101953.48	0.29835
671288.69	4101975.99	0.30461	671278.07	4101998.49	0.31113
671267.45	4102021.00	0.31780	671256.83	4102043.50	0.32452
671246.21	4102066.01	0.33127	671235.59	4102088.51	0.33801
671224.97	4102111.02	0.34473	671214.35	4102133.52	0.35143
671203.73	4102156.03	0.35816	671193.11	4102178.53	0.36496
671182.49	4102201.04	0.37192	671171.87	4102223.55	0.37908
671161.24	4102246.05	0.38647	671150.62	4102268.56	0.39415
671140.00	4102291.06	0.40206	671129.38	4102313.57	0.41021
671118.76	4102336.07	0.41853	671108.14	4102358.58	0.42698
671097.52	4102381.08	0.43550	671086.90	4102403.59	0.44403
671076.28	4102426.09	0.45252	671065.66	4102448.60	0.46093
671055.04	4102471.11	0.46920	671044.42	4102493.61	0.47729
671033.80	4102516.12	0.48519	671023.18	4102538.62	0.49285
671012.56	4102561.13	0.50028	671001.94	4102583.63	0.50743
670991.32	4102606.14	0.51431	670980.70	4102628.64	0.52087
670970.08	4102651.15	0.52713	670959.45	4102673.65	0.53304
670948.83	4102696.16	0.53865	670938.21	4102718.66	0.54391
670927.59	4102741.17	0.54884	670916.97	4102763.68	0.55342
670906.35	4102786.18	0.55766	670895.73	4102808.69	0.56157
670885.11	4102831.19	0.56513	670874.49	4102853.70	0.56838
670863.87	4102876.20	0.57129	670853.25	4102898.71	0.57390
670842.63	4102921.21	0.57620	670832.01	4102943.72	0.57821
670821.39	4102966.22	0.57993	670810.77	4102988.73	0.58139
670800.15	4103011.24	0.58258	670789.53	4103033.74	0.58350
670778.91	4103056.25	0.58418	670768.28	4103078.75	0.58459
670757.66	4103101.26	0.58476	670747.04	4103123.76	0.58467
670736.42	4103146.27	0.58433	670725.80	4103168.77	0.58374
670715.18	4103191.28	0.58291	670704.56	4103213.78	0.58185
670693.94	4103236.29	0.58057	670683.32	4103258.80	0.57909
670672.70	4103281.30	0.57741	670662.08	4103303.81	0.57555
670651.46	4103326.31	0.57350	670640.84	4103348.82	0.57123
670630.22	4103371.32	0.56870	670619.60	4103393.83	0.56589

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670608.98	4103416.33	0.56279	670598.36	4103438.84	0.55941
670587.74	4103461.34	0.55582	670577.12	4103483.85	0.55201
670566.49	4103506.36	0.54794	670555.87	4103528.86	0.54347
670545.25	4103551.37	0.53858	670534.63	4103573.87	0.53332
670524.01	4103596.38	0.52778	670513.39	4103618.88	0.52193
670502.77	4103641.39	0.51569	670492.15	4103663.89	0.50910
670481.53	4103686.40	0.50231	670470.91	4103708.90	0.49539
670460.29	4103731.41	0.48837	670449.67	4103753.91	0.48128
671399.34	4101645.97	0.22177	671417.13	4101629.86	0.22269
671434.93	4101613.75	0.22366	671452.72	4101597.64	0.22466
671470.52	4101581.53	0.22566	671488.31	4101565.43	0.22667
671506.11	4101549.32	0.22770	671547.87	4101534.47	0.23753
671571.84	4101535.73	0.24702	671595.81	4101537.00	0.25729
671619.78	4101538.26	0.26839	671643.75	4101539.53	0.28040
671667.72	4101540.79	0.29337	671691.69	4101542.05	0.30737
671381.54	4101662.08	0.22094	671370.92	4101684.58	0.22416
671360.30	4101707.09	0.22754	671349.68	4101729.59	0.23107
671339.06	4101752.10	0.23470	671328.44	4101774.60	0.23842
671317.82	4101797.11	0.24223	671307.20	4101819.61	0.24622
671296.58	4101842.12	0.25050	671285.96	4101864.63	0.25509
671275.34	4101887.13	0.25988	671264.71	4101909.64	0.26483
671254.09	4101932.14	0.26995	671243.47	4101954.65	0.27536
671232.85	4101977.15	0.28104	671222.23	4101999.66	0.28692
671211.61	4102022.16	0.29288	671200.99	4102044.67	0.29888
671190.37	4102067.17	0.30486	671179.75	4102089.68	0.31082
671169.13	4102112.18	0.31674	671158.51	4102134.69	0.32263
671147.89	4102157.20	0.32853	671137.27	4102179.70	0.33447
671126.65	4102202.21	0.34050	671116.03	4102224.71	0.34668
671105.41	4102247.22	0.35305	671094.79	4102269.72	0.35963
671084.17	4102292.23	0.36644	671073.54	4102314.73	0.37344
671062.92	4102337.24	0.38063	671052.30	4102359.74	0.38796
671041.68	4102382.25	0.39539	671031.06	4102404.76	0.40288
671020.44	4102427.26	0.41036	671009.82	4102449.77	0.41782
670999.20	4102472.27	0.42518	670988.58	4102494.78	0.43244
670977.96	4102517.28	0.43954	670967.34	4102539.79	0.44647
670956.72	4102562.29	0.45320	670946.10	4102584.80	0.45972
670935.48	4102607.30	0.46600	670924.86	4102629.81	0.47204
670914.24	4102652.32	0.47782	670903.62	4102674.82	0.48332
670893.00	4102697.33	0.48855	670882.38	4102719.83	0.49349
670871.75	4102742.34	0.49814	670861.13	4102764.84	0.50251

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670850.51	4102787.35	0.50660	670839.89	4102809.85	0.51040
670829.27	4102832.36	0.51393	670818.65	4102854.86	0.51718
670808.03	4102877.37	0.52017	670797.41	4102899.88	0.52290
670786.79	4102922.38	0.52537	670776.17	4102944.89	0.52761
670765.55	4102967.39	0.52959	670754.93	4102989.90	0.53134
670744.31	4103012.40	0.53284	670733.69	4103034.91	0.53410
670723.07	4103057.41	0.53511	670712.45	4103079.92	0.53587
670701.83	4103102.42	0.53638	670691.21	4103124.93	0.53666
670680.58	4103147.43	0.53670	670669.96	4103169.94	0.53653
670659.34	4103192.45	0.53615	670648.72	4103214.95	0.53557
670638.10	4103237.46	0.53483	670627.48	4103259.96	0.53390
670616.86	4103282.47	0.53279	670606.24	4103304.97	0.53147
670595.62	4103327.48	0.52993	670585.00	4103349.98	0.52813
670574.38	4103372.49	0.52605	670563.76	4103394.99	0.52371
670553.14	4103417.50	0.52115	670542.52	4103440.01	0.51840
670531.90	4103462.51	0.51546	670521.28	4103485.02	0.51226
670510.66	4103507.52	0.50872	670500.04	4103530.03	0.50479
670489.41	4103552.53	0.50053	670478.79	4103575.04	0.49604
670468.17	4103597.54	0.49130	670457.55	4103620.05	0.48622
670446.93	4103642.55	0.48078	670436.31	4103665.06	0.47507
670425.69	4103687.57	0.46922	670415.07	4103710.07	0.46327
670404.45	4103732.58	0.45725	671323.43	4101610.89	0.19349
671340.69	4101595.27	0.19392	671357.94	4101579.65	0.19445
671375.20	4101564.03	0.19503	671392.46	4101548.41	0.19564
671409.71	4101532.79	0.19626	671426.97	4101517.17	0.19689
671444.22	4101501.55	0.19751	671461.48	4101485.93	0.19815
671478.73	4101470.31	0.19881	671519.23	4101455.91	0.20599
671542.48	4101457.14	0.21297	671565.72	4101458.36	0.22046
671588.96	4101459.59	0.22850	671612.21	4101460.81	0.23713
671635.45	4101462.04	0.24638	671658.69	4101463.26	0.25629
671681.94	4101464.49	0.26694	671705.18	4101465.71	0.27835
671728.42	4101466.94	0.29059	671306.18	4101626.51	0.19316
671295.56	4101649.02	0.19589	671284.94	4101671.52	0.19874
671274.32	4101694.03	0.20168	671263.70	4101716.53	0.20467
671253.07	4101739.04	0.20772	671242.45	4101761.54	0.21086
671231.83	4101784.05	0.21416	671221.21	4101806.55	0.21770
671210.59	4101829.06	0.22148	671199.97	4101851.57	0.22543
671189.35	4101874.07	0.22948	671178.73	4101896.58	0.23364
671168.11	4101919.08	0.23799	671157.49	4101941.59	0.24260
671146.87	4101964.09	0.24745	671136.25	4101986.60	0.25245

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671125.63	4102009.10	0.25752	671115.01	4102031.61	0.26260
671104.39	4102054.11	0.26766	671093.77	4102076.62	0.27268
671083.15	4102099.13	0.27766	671072.53	4102121.63	0.28259
671061.90	4102144.14	0.28747	671051.28	4102166.64	0.29235
671040.66	4102189.15	0.29724	671030.04	4102211.65	0.30217
671019.42	4102234.16	0.30720	671008.80	4102256.66	0.31233
670998.18	4102279.17	0.31761	670987.56	4102301.67	0.32303
670976.94	4102324.18	0.32861	670966.32	4102346.69	0.33433
670955.70	4102369.19	0.34016	670945.08	4102391.70	0.34609
670934.46	4102414.20	0.35207	670923.84	4102436.71	0.35807
670913.22	4102459.21	0.36406	670902.60	4102481.72	0.37002
670891.98	4102504.22	0.37589	670881.36	4102526.73	0.38167
670870.74	4102549.23	0.38733	670860.11	4102571.74	0.39285
670849.49	4102594.25	0.39823	670838.87	4102616.75	0.40345
670828.25	4102639.26	0.40850	670817.63	4102661.76	0.41337
670807.01	4102684.27	0.41806	670796.39	4102706.77	0.42256
670785.77	4102729.28	0.42688	670775.15	4102751.78	0.43100
670764.53	4102774.29	0.43493	670753.91	4102796.79	0.43867
670743.29	4102819.30	0.44222	670732.67	4102841.80	0.44557
670722.05	4102864.31	0.44873	670711.43	4102886.82	0.45169
670700.81	4102909.32	0.45444	670690.19	4102931.83	0.45698
670679.57	4102954.33	0.45931	670668.94	4102976.84	0.46141
670658.32	4102999.34	0.46330	670647.70	4103021.85	0.46497
670637.08	4103044.35	0.46642	670626.46	4103066.86	0.46767
670615.84	4103089.36	0.46872	670605.22	4103111.87	0.46959
670594.60	4103134.38	0.47028	670583.98	4103156.88	0.47080
670573.36	4103179.39	0.47117	670562.74	4103201.89	0.47136
670552.12	4103224.40	0.47139	670541.50	4103246.90	0.47122
670530.88	4103269.41	0.47083	670520.26	4103291.91	0.47020
670509.64	4103314.42	0.46932	670499.02	4103336.92	0.46821
670488.40	4103359.43	0.46689	670477.78	4103381.94	0.46541
670467.15	4103404.44	0.46376	670456.53	4103426.95	0.46194
670445.91	4103449.45	0.45988	670435.29	4103471.96	0.45752
670424.67	4103494.46	0.45483	670414.05	4103516.97	0.45188
670403.43	4103539.47	0.44874	670392.81	4103561.98	0.44541
670382.19	4103584.48	0.44183	670371.57	4103606.99	0.43793
670360.95	4103629.50	0.43372	670350.33	4103652.00	0.42929
670339.71	4103674.51	0.42473	670329.09	4103697.01	0.42010
671249.07	4101574.43	0.17223	671267.32	4101557.90	0.17232
671285.57	4101541.38	0.17251	671303.82	4101524.86	0.17280

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671322.07	4101508.34	0.17315	671340.32	4101491.82	0.17354
671358.57	4101475.30	0.17393	671376.82	4101458.77	0.17433
671395.08	4101442.25	0.17473	671413.33	4101425.73	0.17513
671431.58	4101409.21	0.17555	671449.83	4101392.69	0.17600
671492.66	4101377.46	0.18188	671517.25	4101378.76	0.18767
671541.83	4101380.05	0.19388	671566.42	4101381.35	0.20055
671591.00	4101382.65	0.20769	671615.59	4101383.94	0.21534
671640.17	4101385.24	0.22354	671664.76	4101386.53	0.23233
671689.34	4101387.83	0.24178	671713.92	4101389.12	0.25195
671738.51	4101390.42	0.26288	671763.09	4101391.72	0.27453
671230.81	4101590.95	0.17224	671220.19	4101613.45	0.17463
671209.57	4101635.96	0.17710	671198.95	4101658.46	0.17961
671188.33	4101680.97	0.18216	671177.71	4101703.47	0.18475
671167.09	4101725.98	0.18743	671156.47	4101748.48	0.19026
671145.85	4101770.99	0.19329	671135.23	4101793.50	0.19652
671124.61	4101816.00	0.19988	671113.99	4101838.51	0.20331
671103.37	4101861.01	0.20680	671092.75	4101883.52	0.21041
671082.13	4101906.02	0.21422	671071.51	4101928.53	0.21826
671060.89	4101951.03	0.22250	671050.27	4101973.54	0.22686
671039.64	4101996.04	0.23126	671029.02	4102018.55	0.23566
671018.40	4102041.06	0.24004	671007.78	4102063.56	0.24436
670997.16	4102086.07	0.24863	670986.54	4102108.57	0.25283
670975.92	4102131.08	0.25698	670965.30	4102153.58	0.26107
670954.68	4102176.09	0.26512	670944.06	4102198.59	0.26917
670933.44	4102221.10	0.27323	670922.82	4102243.60	0.27731
670912.20	4102266.11	0.28146	670901.58	4102288.62	0.28567
670890.96	4102311.12	0.28997	670880.34	4102333.63	0.29438
670869.72	4102356.13	0.29888	670859.10	4102378.64	0.30347
670848.47	4102401.14	0.30813	670837.85	4102423.65	0.31286
670827.23	4102446.15	0.31762	670816.61	4102468.66	0.32240
670805.99	4102491.16	0.32716	670795.37	4102513.67	0.33190
670784.75	4102536.18	0.33660	670774.13	4102558.68	0.34123
670763.51	4102581.19	0.34579	670752.89	4102603.69	0.35027
670742.27	4102626.20	0.35466	670731.65	4102648.70	0.35895
670721.03	4102671.21	0.36314	670710.41	4102693.71	0.36721
670699.79	4102716.22	0.37116	670689.17	4102738.72	0.37499
670678.55	4102761.23	0.37869	670667.93	4102783.73	0.38224
670657.30	4102806.24	0.38563	670646.68	4102828.75	0.38888
670636.06	4102851.25	0.39196	670625.44	4102873.76	0.39486
670614.82	4102896.26	0.39759	670604.20	4102918.77	0.40014

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670593.58	4102941.27	0.40251	670582.96	4102963.78	0.40471
670572.34	4102986.28	0.40674	670561.72	4103008.79	0.40862
670551.10	4103031.29	0.41033	670540.48	4103053.80	0.41191
670529.86	4103076.31	0.41335	670519.24	4103098.81	0.41465
670508.62	4103121.32	0.41581	670498.00	4103143.82	0.41682
670487.38	4103166.33	0.41767	670476.76	4103188.83	0.41834
670466.14	4103211.34	0.41881	670455.51	4103233.84	0.41906
670444.89	4103256.35	0.41910	670434.27	4103278.85	0.41892
670423.65	4103301.36	0.41855	670413.03	4103323.87	0.41803
670402.41	4103346.37	0.41736	670391.79	4103368.88	0.41656
670381.17	4103391.38	0.41558	670370.55	4103413.89	0.41438
670359.93	4103436.39	0.41291	670349.31	4103458.90	0.41116
670338.69	4103481.40	0.40918	670328.07	4103503.91	0.40704
670317.45	4103526.41	0.40477	670306.83	4103548.92	0.40231
670296.21	4103571.43	0.39959	670285.59	4103593.93	0.39657
670274.97	4103616.44	0.39328	670264.34	4103638.94	0.38980
670253.72	4103661.45	0.38622	671173.25	4101539.27	0.15586
671191.04	4101523.17	0.15567	671208.84	4101507.06	0.15558
671226.63	4101490.95	0.15557	671244.43	4101474.84	0.15564
671262.22	4101458.73	0.15578	671280.02	4101442.62	0.15595
671297.81	4101426.51	0.15615	671315.61	4101410.41	0.15635
671333.40	4101394.30	0.15655	671351.20	4101378.19	0.15675
671368.99	4101362.08	0.15695	671386.79	4101345.97	0.15716
671404.58	4101329.86	0.15740	671422.38	4101313.75	0.15767
671464.14	4101298.91	0.16218	671488.11	4101300.17	0.16666
671512.08	4101301.44	0.17145	671536.05	4101302.70	0.17655
671560.02	4101303.96	0.18199	671583.99	4101305.23	0.18778
671607.96	4101306.49	0.19393	671631.93	4101307.75	0.20049
671655.90	4101309.02	0.20751	671679.87	4101310.28	0.21502
671703.84	4101311.54	0.22308	671727.81	4101312.81	0.23173
671751.78	4101314.07	0.24097	671775.75	4101315.33	0.25078
671799.72	4101316.60	0.26110	671155.45	4101555.38	0.15612
671144.83	4101577.89	0.15824	671134.21	4101600.39	0.16041
671123.59	4101622.90	0.16260	671112.97	4101645.40	0.16482
671102.35	4101667.91	0.16708	671091.73	4101690.41	0.16942
671081.11	4101712.92	0.17191	671070.49	4101735.43	0.17455
671059.87	4101757.93	0.17736	671049.25	4101780.44	0.18027
671038.63	4101802.94	0.18324	671028.00	4101825.45	0.18624
671017.38	4101847.95	0.18930	671006.76	4101870.46	0.19248
670996.14	4101892.96	0.19586	670985.52	4101915.47	0.19943

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670974.90	4101937.97	0.20316	670964.28	4101960.48	0.20697
670953.66	4101982.99	0.21081	670943.04	4102005.49	0.21463
670932.42	4102028.00	0.21842	670921.80	4102050.50	0.22214
670911.18	4102073.01	0.22580	670900.56	4102095.51	0.22937
670889.94	4102118.02	0.23287	670879.32	4102140.52	0.23629
670868.70	4102163.03	0.23966	670858.08	4102185.53	0.24298
670847.46	4102208.04	0.24628	670836.83	4102230.55	0.24956
670826.21	4102253.05	0.25284	670815.59	4102275.56	0.25616
670804.97	4102298.06	0.25950	670794.35	4102320.57	0.26291
670783.73	4102343.07	0.26639	670773.11	4102365.58	0.26995
670762.49	4102388.08	0.27359	670751.87	4102410.59	0.27732
670741.25	4102433.09	0.28111	670730.63	4102455.60	0.28497
670720.01	4102478.11	0.28886	670709.39	4102500.61	0.29278
670698.77	4102523.12	0.29671	670688.15	4102545.62	0.30064
670677.53	4102568.13	0.30454	670666.91	4102590.63	0.30841
670656.29	4102613.14	0.31224	670645.67	4102635.64	0.31601
670635.04	4102658.15	0.31971	670624.42	4102680.65	0.32334
670613.80	4102703.16	0.32690	670603.18	4102725.66	0.33035
670592.56	4102748.17	0.33370	670581.94	4102770.68	0.33693
670571.32	4102793.18	0.34003	670560.70	4102815.69	0.34301
670550.08	4102838.19	0.34584	670539.46	4102860.70	0.34855
670528.84	4102883.20	0.35112	670518.22	4102905.71	0.35357
670507.60	4102928.21	0.35589	670496.98	4102950.72	0.35810
670486.36	4102973.22	0.36019	670475.74	4102995.73	0.36218
670465.12	4103018.24	0.36406	670454.50	4103040.74	0.36582
670443.87	4103063.25	0.36747	670433.25	4103085.75	0.36900
670422.63	4103108.26	0.37038	670412.01	4103130.76	0.37162
670401.39	4103153.27	0.37268	670390.77	4103175.77	0.37356
670380.15	4103198.28	0.37425	670369.53	4103220.78	0.37475
670358.91	4103243.29	0.37509	670348.29	4103265.80	0.37528
670337.67	4103288.30	0.37535	670327.05	4103310.81	0.37531
670316.43	4103333.31	0.37514	670305.81	4103355.82	0.37481
670295.19	4103378.32	0.37427	670284.57	4103400.83	0.37349
670273.95	4103423.33	0.37246	670263.33	4103445.84	0.37124
670252.71	4103468.34	0.36987	670242.08	4103490.85	0.36839
670231.46	4103513.36	0.36678	670220.84	4103535.86	0.36498
670210.22	4103558.37	0.36291	670199.60	4103580.87	0.36057
670188.98	4103603.38	0.35801	670178.36	4103625.88	0.35529
670947.16	4101432.58	0.12319	670964.95	4101416.47	0.12274
670982.75	4101400.36	0.12230	671000.54	4101384.25	0.12189

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671018.34	4101368.15	0.12151	671036.13	4101352.04	0.12118
671053.93	4101335.93	0.12091	671071.72	4101319.82	0.12068
671089.52	4101303.71	0.12049	671107.31	4101287.60	0.12034
671125.11	4101271.49	0.12021	671142.90	4101255.39	0.12010
671160.70	4101239.28	0.11999	671178.49	4101223.17	0.11988
671196.29	4101207.06	0.11977	671214.08	4101190.95	0.11966
671231.88	4101174.84	0.11954	671249.67	4101158.74	0.11943
671267.47	4101142.63	0.11932	671285.26	4101126.52	0.11923
671303.06	4101110.41	0.11917	671320.85	4101094.30	0.11914
671338.65	4101078.19	0.11916	671380.41	4101063.35	0.12152
671404.38	4101064.61	0.12398	671428.35	4101065.87	0.12659
671452.32	4101067.14	0.12937	671476.29	4101068.40	0.13229
671500.26	4101069.66	0.13538	671524.23	4101070.93	0.13863
671548.20	4101072.19	0.14205	671572.17	4101073.45	0.14566
671596.14	4101074.72	0.14948	671620.11	4101075.98	0.15353
671644.08	4101077.25	0.15785	671668.05	4101078.51	0.16248
671692.02	4101079.77	0.16744	671715.99	4101081.04	0.17277
671739.96	4101082.30	0.17847	671763.93	4101083.56	0.18454
671787.90	4101084.83	0.19097	671811.87	4101086.09	0.19807
671835.84	4101087.35	0.20508	671859.81	4101088.62	0.21229
671883.78	4101089.88	0.21921	671907.75	4101091.14	0.22655
670929.36	4101448.69	0.12436	670918.74	4101471.19	0.12585
670908.12	4101493.70	0.12733	670897.50	4101516.20	0.12882
670886.88	4101538.71	0.13031	670876.26	4101561.22	0.13185
670865.64	4101583.72	0.13344	670855.02	4101606.23	0.13512
670844.40	4101628.73	0.13688	670833.78	4101651.24	0.13873
670823.16	4101673.74	0.14064	670812.54	4101696.25	0.14256
670801.92	4101718.75	0.14447	670791.29	4101741.26	0.14635
670780.67	4101763.76	0.14822	670770.05	4101786.27	0.15014
670759.43	4101808.78	0.15214	670748.81	4101831.28	0.15427
670738.19	4101853.79	0.15653	670727.57	4101876.29	0.15890
670716.95	4101898.80	0.16135	670706.33	4101921.30	0.16383
670695.71	4101943.81	0.16632	670685.09	4101966.31	0.16879
670674.47	4101988.82	0.17123	670663.85	4102011.32	0.17363
670653.23	4102033.83	0.17598	670642.61	4102056.34	0.17827
670631.99	4102078.84	0.18051	670621.37	4102101.35	0.18268
670610.75	4102123.85	0.18481	670600.12	4102146.36	0.18688
670589.50	4102168.86	0.18893	670578.88	4102191.37	0.19095
670568.26	4102213.87	0.19296	670557.64	4102236.38	0.19496
670547.02	4102258.88	0.19696	670536.40	4102281.39	0.19896

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670525.78	4102303.89	0.20097	670515.16	4102326.40	0.20299
670504.54	4102348.91	0.20504	670493.92	4102371.41	0.20710
670483.30	4102393.92	0.20920	670472.68	4102416.42	0.21134
670462.06	4102438.93	0.21351	670451.44	4102461.43	0.21572
670440.82	4102483.94	0.21796	670430.20	4102506.44	0.22024
670419.58	4102528.95	0.22254	670408.96	4102551.45	0.22485
670398.33	4102573.96	0.22718	670387.71	4102596.47	0.22951
670377.09	4102618.97	0.23184	670366.47	4102641.48	0.23416
670355.85	4102663.98	0.23647	670345.23	4102686.49	0.23876
670334.61	4102708.99	0.24103	670323.99	4102731.50	0.24329
670313.37	4102754.00	0.24552	670302.75	4102776.51	0.24773
670292.13	4102799.01	0.24991	670281.51	4102821.52	0.25206
670270.89	4102844.03	0.25418	670260.27	4102866.53	0.25625
670249.65	4102889.04	0.25827	670239.03	4102911.54	0.26022
670228.41	4102934.05	0.26210	670217.79	4102956.55	0.26389
670207.16	4102979.06	0.26558	670196.54	4103001.56	0.26717
670185.92	4103024.07	0.26865	670175.30	4103046.57	0.27002
670164.68	4103069.08	0.27128	670154.06	4103091.59	0.27246
670143.44	4103114.09	0.27355	670132.82	4103136.60	0.27457
670122.20	4103159.10	0.27554	670111.58	4103181.61	0.27645
670100.96	4103204.11	0.27727	670090.34	4103226.62	0.27801
670079.72	4103249.12	0.27862	670069.10	4103271.63	0.27909
670058.48	4103294.13	0.27941	670047.86	4103316.64	0.27958
670037.24	4103339.14	0.27962	670026.62	4103361.65	0.27957
670016.00	4103384.16	0.27947	670005.37	4103406.66	0.27931
669994.75	4103429.17	0.27909	669984.13	4103451.67	0.27877
669973.51	4103474.18	0.27829	669962.89	4103496.68	0.27763
669952.27	4103519.19	0.27678	670721.64	4101325.37	0.10291
670740.01	4101308.74	0.10269	670758.38	4101292.11	0.10244
670776.75	4101275.48	0.10216	670795.12	4101258.85	0.10186
670813.49	4101242.23	0.10155	670831.86	4101225.60	0.10125
670850.22	4101208.97	0.10095	670868.59	4101192.34	0.10067
670886.96	4101175.71	0.10041	670905.33	4101159.09	0.10016
670923.70	4101142.46	0.09993	670942.07	4101125.83	0.09971
670960.44	4101109.20	0.09950	670978.81	4101092.57	0.09930
670997.18	4101075.94	0.09909	671015.55	4101059.32	0.09887
671033.91	4101042.69	0.09864	671052.28	4101026.06	0.09841
671070.65	4101009.43	0.09816	671089.02	4100992.80	0.09791
671107.39	4100976.18	0.09765	671125.76	4100959.55	0.09739
671144.13	4100942.92	0.09713	671162.50	4100926.29	0.09687

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671180.87	4100909.66	0.09662	671199.24	4100893.04	0.09640
671217.60	4100876.41	0.09621	671235.97	4100859.78	0.09605
671254.34	4100843.15	0.09594	671297.45	4100827.83	0.09728
671322.20	4100829.13	0.09880	671346.94	4100830.44	0.10040
671371.68	4100831.74	0.10210	671396.43	4100833.04	0.10390
671421.17	4100834.35	0.10579	671445.91	4100835.65	0.10777
671470.66	4100836.96	0.10985	671495.40	4100838.26	0.11203
671520.14	4100839.56	0.11432	671544.88	4100840.87	0.11674
671569.63	4100842.17	0.11929	671594.37	4100843.48	0.12199
671619.11	4100844.78	0.12488	671643.86	4100846.08	0.12798
671668.60	4100847.39	0.13130	671693.34	4100848.69	0.13489
671718.08	4100850.00	0.13874	671742.83	4100851.30	0.14287
671767.57	4100852.61	0.14726	671792.31	4100853.91	0.15191
671817.06	4100855.21	0.15678	671841.80	4100856.52	0.16184
671866.54	4100857.82	0.16704	671891.29	4100859.13	0.17234
671916.03	4100860.43	0.17769	671940.77	4100861.73	0.18305
671965.51	4100863.04	0.18836	671990.26	4100864.34	0.19358
672015.00	4100865.65	0.19867	670703.27	4101341.99	0.10309
670692.65	4101364.50	0.10401	670682.03	4101387.01	0.10492
670671.41	4101409.51	0.10584	670660.79	4101432.02	0.10677
670650.17	4101454.52	0.10774	670639.55	4101477.03	0.10875
670628.93	4101499.53	0.10983	670618.31	4101522.04	0.11097
670607.69	4101544.54	0.11216	670597.07	4101567.05	0.11340
670586.45	4101589.55	0.11467	670575.83	4101612.06	0.11593
670565.21	4101634.57	0.11718	670554.58	4101657.07	0.11910
670543.96	4101679.58	0.12033	670533.34	4101702.08	0.12158
670522.72	4101724.59	0.12288	670512.10	4101747.09	0.12426
670501.48	4101769.60	0.12574	670490.86	4101792.10	0.12734
670480.24	4101814.61	0.12903	670469.62	4101837.11	0.13080
670459.00	4101859.62	0.13262	670448.38	4101882.12	0.13446
670437.76	4101904.63	0.13631	670427.14	4101927.14	0.13815
670416.52	4101949.64	0.13998	670405.90	4101972.15	0.14178
670395.28	4101994.65	0.14354	670384.66	4102017.16	0.14527
670374.04	4102039.66	0.14695	670363.42	4102062.17	0.14859
670352.79	4102084.67	0.15017	670342.17	4102107.18	0.15170
670331.55	4102129.68	0.15319	670320.93	4102152.19	0.15463
670310.31	4102174.70	0.15604	670299.69	4102197.20	0.15741
670289.07	4102219.71	0.15875	670278.45	4102242.21	0.16007
670267.83	4102264.72	0.16136	670257.21	4102287.22	0.16264
670246.59	4102309.73	0.16391	670235.97	4102332.23	0.16517

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670225.35	4102354.74	0.16642	670214.73	4102377.24	0.16768
670204.11	4102399.75	0.16894	670193.49	4102422.26	0.17022
670182.87	4102444.76	0.17151	670172.25	4102467.27	0.17282
670161.62	4102489.77	0.17416	670151.00	4102512.28	0.17554
670140.38	4102534.78	0.17695	670129.76	4102557.29	0.17840
670119.14	4102579.79	0.17989	670108.52	4102602.30	0.18141
670097.90	4102624.80	0.18297	670087.28	4102647.31	0.18456
670076.66	4102669.82	0.18616	670066.04	4102692.32	0.18777
670055.42	4102714.83	0.18937	670044.80	4102737.33	0.19096
670034.18	4102759.84	0.19251	670023.56	4102782.34	0.19403
670012.94	4102804.85	0.19551	670002.32	4102827.35	0.19694
669991.70	4102849.86	0.19832	669981.08	4102872.36	0.19964
669970.45	4102894.87	0.20092	669959.83	4102917.37	0.20215
669949.21	4102939.88	0.20334	669938.59	4102962.39	0.20451
669927.97	4102984.89	0.20565	669917.35	4103007.40	0.20677
669906.73	4103029.90	0.20788	669896.11	4103052.41	0.20896
669885.49	4103074.91	0.21000	669874.87	4103097.42	0.21099
669864.25	4103119.92	0.21191	669853.63	4103142.43	0.21276
669843.01	4103164.93	0.21350	669832.39	4103187.44	0.21414
669821.77	4103209.95	0.21469	669811.15	4103232.45	0.21515
669800.53	4103254.96	0.21554	669789.91	4103277.46	0.21589
669779.29	4103299.97	0.21622	669768.66	4103322.47	0.21652
669758.04	4103344.98	0.21680	669747.42	4103367.48	0.21703
669736.80	4103389.99	0.21716	669726.18	4103412.49	0.21719
670269.27	4101112.16	0.07267	670287.44	4101095.70	0.07177
670305.61	4101079.25	0.06961	670323.79	4101062.80	0.06765
670341.96	4101046.35	0.06652	670360.14	4101029.90	0.06753
670378.31	4101013.45	0.07134	670396.48	4100997.00	0.07380
670414.66	4100980.55	0.07443	670432.83	4100964.09	0.07434
670451.00	4100947.64	0.07425	670469.18	4100931.19	0.07418
670487.35	4100914.74	0.07412	670505.52	4100898.29	0.07408
670523.70	4100881.84	0.07405	670541.87	4100865.39	0.07404
670560.04	4100848.94	0.07403	670578.22	4100832.48	0.07404
670596.39	4100816.03	0.07404	670614.57	4100799.58	0.07405
670632.74	4100783.13	0.07405	670650.91	4100766.68	0.07405
670669.09	4100750.23	0.07404	670687.26	4100733.78	0.07401
670705.43	4100717.33	0.07397	670723.61	4100700.87	0.07390
670741.78	4100684.42	0.07381	670759.95	4100667.97	0.07369
670778.13	4100651.52	0.07354	670796.30	4100635.07	0.07338
670814.47	4100618.62	0.07319	670832.65	4100602.17	0.07298

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670850.82	4100585.72	0.07275	670869.00	4100569.27	0.07251
670887.17	4100552.81	0.07225	670905.34	4100536.36	0.07197
670923.52	4100519.91	0.07169	670941.69	4100503.46	0.07139
670959.86	4100487.01	0.07110	670978.04	4100470.56	0.07081
670996.21	4100454.11	0.07053	671014.38	4100437.66	0.07027
671032.56	4100421.20	0.07003	671050.73	4100404.75	0.06931
671068.91	4100388.30	0.06682	671087.08	4100371.85	0.06488
671129.73	4100356.69	0.05772	671154.21	4100357.98	0.05550
671178.69	4100359.27	0.05487	671203.17	4100360.56	0.05576
671227.65	4100361.85	0.05814	671252.13	4100363.14	0.06165
671276.61	4100364.43	0.06563	671301.09	4100365.72	0.06787
671325.57	4100367.01	0.06965	671350.05	4100368.30	0.07159
671374.53	4100369.59	0.07352	671399.01	4100370.88	0.07525
671423.49	4100372.17	0.07706	671447.97	4100373.46	0.07888
671472.45	4100374.75	0.08137	671496.93	4100376.04	0.08193
671521.41	4100377.33	0.08265	671545.89	4100378.62	0.08338
671570.37	4100379.91	0.08461	671594.85	4100381.20	0.08641
671619.33	4100382.49	0.08939	671643.81	4100383.78	0.09174
671668.29	4100385.07	0.09366	671692.77	4100386.37	0.09573
671717.25	4100387.66	0.09794	671741.73	4100388.95	0.10029
671766.21	4100390.24	0.10276	671790.68	4100391.53	0.10536
671815.16	4100392.82	0.10806	671839.64	4100394.11	0.11058
671864.12	4100395.40	0.11291	671888.60	4100396.69	0.11590
671913.08	4100397.98	0.11951	671937.56	4100399.27	0.12261
671962.04	4100400.56	0.12562	671986.52	4100401.85	0.12824
672011.00	4100403.14	0.13023	672035.48	4100404.43	0.13237
672059.96	4100405.72	0.13513	672084.44	4100407.01	0.13867
672108.92	4100408.30	0.14220	672133.40	4100409.59	0.14577
672157.88	4100410.88	0.14849	672182.36	4100412.17	0.15051
672206.84	4100413.46	0.15366	672231.32	4100414.75	0.15891
670251.09	4101128.61	0.07240	670240.47	4101151.11	0.06980
670229.85	4101173.62	0.06669	670219.23	4101196.12	0.06354
670208.61	4101218.63	0.06176	670197.99	4101241.13	0.06041
670187.37	4101263.64	0.06008	670176.75	4101286.14	0.06395
670166.13	4101308.65	0.07084	670155.51	4101331.16	0.07739
670144.89	4101353.66	0.08106	670134.27	4101376.17	0.08207
670123.65	4101398.67	0.08286	670113.03	4101421.18	0.08364
670102.41	4101443.68	0.08441	670091.79	4101466.19	0.08516
670081.16	4101488.69	0.08588	670070.54	4101511.20	0.08658
670059.92	4101533.70	0.08727	670049.30	4101556.21	0.08797

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670038.68	4101578.72	0.08868	670028.06	4101601.22	0.08942
670017.44	4101623.73	0.09021	670006.82	4101646.23	0.09141
669996.20	4101668.74	0.09232	669985.58	4101691.24	0.09328
669974.96	4101713.75	0.09428	669964.34	4101736.25	0.09532
669953.72	4101758.76	0.09638	669943.10	4101781.26	0.09745
669932.48	4101803.77	0.09853	669921.86	4101826.28	0.09961
669911.24	4101848.78	0.10068	669900.62	4101871.29	0.10175
669890.00	4101893.79	0.10281	669879.37	4101916.30	0.10385
669868.75	4101938.80	0.10488	669858.13	4101961.31	0.10588
669847.51	4101983.81	0.10687	669836.89	4102006.32	0.10782
669826.27	4102028.82	0.10875	669815.65	4102051.33	0.10964
669805.03	4102073.83	0.11051	669794.41	4102096.34	0.11135
669783.79	4102118.85	0.11217	669773.17	4102141.35	0.11298
669762.55	4102163.86	0.11376	669751.93	4102186.36	0.11454
669741.31	4102208.87	0.11530	669730.69	4102231.37	0.11606
669720.07	4102253.88	0.11681	669709.45	4102276.38	0.11755
669698.83	4102298.89	0.11828	669688.20	4102321.39	0.11900
669677.58	4102343.90	0.11972	669666.96	4102366.41	0.12042
669656.34	4102388.91	0.12110	669645.72	4102411.42	0.12178
669635.10	4102433.92	0.12243	669624.48	4102456.43	0.12307
669613.86	4102478.93	0.12369	669603.24	4102501.44	0.12429
669592.62	4102523.94	0.12487	669582.00	4102546.45	0.12543
669571.38	4102568.95	0.12598	669560.76	4102591.46	0.12651
669550.14	4102613.97	0.12703	669539.52	4102636.47	0.12756
669528.90	4102658.98	0.12810	669518.28	4102681.48	0.12864
669507.66	4102703.99	0.12921	669497.04	4102726.49	0.12980
669486.41	4102749.00	0.13041	669475.79	4102771.50	0.13105
669465.17	4102794.01	0.13170	669454.55	4102816.51	0.13236
669443.93	4102839.02	0.13302	669433.31	4102861.53	0.13369
669422.69	4102884.03	0.13433	669412.07	4102906.54	0.13496
669401.45	4102929.04	0.13555	669390.83	4102951.55	0.13611
669380.21	4102974.05	0.13663	669369.59	4102996.56	0.13711
669358.97	4103019.06	0.13755	669348.35	4103041.57	0.13796
669337.73	4103064.07	0.13835	669327.11	4103086.58	0.13873
669316.49	4103109.08	0.13912	669305.87	4103131.59	0.13951
669295.24	4103154.10	0.13991	669284.62	4103176.60	0.14032
669274.00	4103199.11	0.14073	669817.28	4100898.59	0.05873
669835.65	4100881.96	0.05867	669854.02	4100865.33	0.05862
669872.39	4100848.71	0.05856	669890.76	4100832.08	0.05850
669909.13	4100815.45	0.05843	669927.50	4100798.82	0.05802

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669945.87	4100782.19	0.05630	669964.24	4100765.57	0.05441
669982.60	4100748.94	0.05253	670000.97	4100732.31	0.05122
670019.34	4100715.68	0.05164	670037.71	4100699.05	0.05294
670056.08	4100682.43	0.05516	670074.45	4100665.80	0.05627
670092.82	4100649.17	0.05683	670111.19	4100632.54	0.05713
670129.56	4100615.91	0.05657	670147.93	4100599.28	0.05568
670166.29	4100582.66	0.05404	670184.66	4100566.03	0.05298
670203.03	4100549.40	0.05241	670221.40	4100532.77	0.05252
670239.77	4100516.14	0.05286	670258.14	4100499.52	0.05351
670276.51	4100482.89	0.05547	670294.88	4100466.26	0.05605
670313.25	4100449.63	0.05634	670331.62	4100433.00	0.05751
670349.98	4100416.38	0.05766	670368.35	4100399.75	0.05772
670386.72	4100383.12	0.05779	670405.09	4100366.49	0.05785
670423.46	4100349.86	0.05790	670441.83	4100333.23	0.05794
670460.20	4100316.61	0.05798	670478.57	4100299.98	0.05787
670496.94	4100283.35	0.05660	670515.31	4100266.72	0.05576
670533.67	4100250.09	0.05416	670552.04	4100233.47	0.05308
670570.41	4100216.84	0.05190	670588.78	4100200.21	0.05070
670607.15	4100183.58	0.04956	670625.52	4100166.95	0.04879
670643.89	4100150.33	0.04834	670662.26	4100133.70	0.04797
670680.63	4100117.07	0.04770	670699.00	4100100.44	0.04740
670717.37	4100083.81	0.04689	670735.73	4100067.19	0.04610
670754.10	4100050.56	0.04503	670772.47	4100033.93	0.04393
670790.84	4100017.30	0.04311	670809.21	4100000.67	0.04389
670827.58	4099984.04	0.04461	670845.95	4099967.42	0.04361
670864.32	4099950.79	0.04335	670882.69	4099934.16	0.04077
670901.06	4099917.53	0.03817	670919.42	4099900.90	0.03722
670962.54	4099885.58	0.03599	670987.28	4099886.88	0.03575
671012.02	4099888.19	0.03579	671036.76	4099889.49	0.03590
671061.51	4099890.80	0.03629	671086.25	4099892.10	0.03691
671110.99	4099893.40	0.03762	671135.74	4099894.71	0.03846
671160.48	4099896.01	0.03962	671185.22	4099897.32	0.04100
671209.97	4099898.62	0.04227	671234.71	4099899.93	0.04413
671259.45	4099901.23	0.04525	671284.19	4099902.53	0.04460
671308.94	4099903.84	0.04440	671333.68	4099905.14	0.04433
671358.42	4099906.45	0.04434	671383.17	4099907.75	0.04474
671407.91	4099909.05	0.04551	671432.65	4099910.36	0.04676
671457.40	4099911.66	0.04850	671482.14	4099912.97	0.05027
671506.88	4099914.27	0.05212	671531.62	4099915.57	0.05392
671556.37	4099916.88	0.05630	671581.11	4099918.18	0.05859

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671605.85	4099919.49	0.05996	671630.60	4099920.79	0.06132
671655.34	4099922.10	0.06306	671680.08	4099923.40	0.06472
671704.82	4099924.70	0.06592	671729.57	4099926.01	0.06676
671754.31	4099927.31	0.06831	671779.05	4099928.62	0.07117
671803.80	4099929.92	0.07414	671828.54	4099931.22	0.07682
671853.28	4099932.53	0.07941	671878.03	4099933.83	0.08211
671902.77	4099935.14	0.08318	671927.51	4099936.44	0.08363
671952.25	4099937.74	0.08418	671977.00	4099939.05	0.08503
672001.74	4099940.35	0.08624	672026.48	4099941.66	0.08788
672051.23	4099942.96	0.08987	672075.97	4099944.27	0.09204
672100.71	4099945.57	0.09423	672125.45	4099946.87	0.09655
672150.20	4099948.18	0.09918	672174.94	4099949.48	0.10158
672199.68	4099950.79	0.10435	672224.43	4099952.09	0.10785
672249.17	4099953.39	0.11061	672273.91	4099954.70	0.11297
672298.66	4099956.00	0.11512	672323.40	4099957.31	0.11661
672348.14	4099958.61	0.11766	672372.88	4099959.91	0.11897
672397.63	4099961.22	0.11947	672422.37	4099962.52	0.11950
672447.11	4099963.83	0.11954	669798.91	4100915.22	0.05879
669788.29	4100937.72	0.05913	669777.67	4100960.23	0.05947
669767.05	4100982.74	0.05983	669756.43	4101005.24	0.06020
669745.81	4101027.75	0.06059	669735.19	4101050.25	0.06099
669724.57	4101072.76	0.06141	669713.95	4101095.26	0.06185
669703.33	4101117.77	0.06230	669692.71	4101140.27	0.06277
669682.09	4101162.78	0.06325	669671.47	4101185.28	0.06373
669660.85	4101207.79	0.06421	669650.23	4101230.30	0.06468
669639.61	4101252.80	0.06515	669628.99	4101275.31	0.06560
669618.37	4101297.81	0.06603	669607.75	4101320.32	0.06645
669597.12	4101342.82	0.06685	669586.50	4101365.33	0.06725
669575.88	4101387.83	0.06765	669565.26	4101410.34	0.06805
669554.64	4101432.84	0.06847	669544.02	4101455.35	0.06891
669533.40	4101477.85	0.06939	669522.78	4101500.36	0.06990
669512.16	4101522.87	0.07046	669501.54	4101545.37	0.07106
669490.92	4101567.88	0.07169	669480.30	4101590.38	0.07237
669469.68	4101612.89	0.07307	669459.06	4101635.39	0.07380
669448.44	4101657.90	0.07455	669437.82	4101680.40	0.07555
669427.20	4101702.91	0.07634	669416.58	4101725.41	0.07713
669405.95	4101747.92	0.07792	669395.33	4101770.43	0.07871
669384.71	4101792.93	0.07949	669374.09	4101815.44	0.08027
669363.47	4101837.94	0.08104	669352.85	4101860.45	0.08179
669342.23	4101882.95	0.08253	669331.61	4101905.46	0.08325

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669320.99	4101927.96	0.08395	669310.37	4101950.47	0.08462
669299.75	4101972.97	0.08527	669289.13	4101995.48	0.08589
669278.51	4102017.99	0.08649	669267.89	4102040.49	0.08705
669257.27	4102063.00	0.08759	669246.65	4102085.50	0.08810
669236.03	4102108.01	0.08858	669225.41	4102130.51	0.08904
669214.78	4102153.02	0.08947	669204.16	4102175.52	0.08988
669193.54	4102198.03	0.09027	669182.92	4102220.53	0.09064
669172.30	4102243.04	0.09099	669161.68	4102265.55	0.09133
669151.06	4102288.05	0.09166	669140.44	4102310.56	0.09198
669129.82	4102333.06	0.09230	669119.20	4102355.57	0.09261
669108.58	4102378.07	0.09293	669097.96	4102400.58	0.09325
669087.34	4102423.08	0.09357	669076.72	4102445.59	0.09389
669066.10	4102468.09	0.09422	669055.48	4102490.60	0.09455
669044.86	4102513.10	0.09488	669034.24	4102535.61	0.09521
669023.62	4102558.12	0.09553	669012.99	4102580.62	0.09584
669002.37	4102603.13	0.09614	668991.75	4102625.63	0.09642
668981.13	4102648.14	0.09669	668970.51	4102670.64	0.09693
668959.89	4102693.15	0.09716	668949.27	4102715.65	0.09736
668938.65	4102738.16	0.09754	668928.03	4102760.66	0.09769
668917.41	4102783.17	0.09783	668906.79	4102805.68	0.09795
668896.17	4102828.18	0.09807	668885.55	4102850.69	0.09818
668874.93	4102873.19	0.09830	668864.31	4102895.70	0.09842
668853.69	4102918.20	0.09857	668843.07	4102940.71	0.09875
668832.45	4102963.21	0.09895	668821.82	4102985.72	0.09917
670622.36	4103862.89	0.56984	670645.08	4103870.77	0.57975
670667.81	4103878.64	0.58773	670690.54	4103886.52	0.59292
670713.26	4103894.39	0.59439	670735.99	4103902.26	0.56930
670758.72	4103910.14	0.59057	670781.45	4103918.01	0.78298
670804.17	4103925.89	0.94808	670826.90	4103933.76	0.90708
670849.63	4103941.63	0.80045	670872.36	4103949.51	0.72176
670895.08	4103957.38	0.68093	670917.81	4103965.26	0.64545
670940.54	4103973.13	0.61056	670963.27	4103981.01	0.57665
670985.99	4103988.88	0.54329	671008.72	4103996.75	0.51287
671031.45	4104004.63	0.48568	671054.17	4104012.50	0.46073
671076.90	4104020.38	0.43800	671099.63	4104028.25	0.41794
671122.36	4104036.13	0.40050	671145.08	4104044.00	0.38542
671167.81	4104051.87	0.37231	671190.54	4104059.75	0.36085
671213.27	4104067.62	0.35071	670599.31	4103872.59	0.55055
670636.90	4103894.39	0.55852	670659.63	4103902.26	0.56311
670682.35	4103910.14	0.56463	670705.08	4103918.01	0.56239

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670727.81	4103925.89	0.53062	670750.54	4103933.76	0.58009
670773.26	4103941.63	0.76226	670795.99	4103949.51	0.87160
670818.72	4103957.38	0.80774	670841.44	4103965.26	0.71607
670864.17	4103973.13	0.65153	670886.90	4103981.01	0.61769
670909.63	4103988.88	0.58707	670932.35	4103996.75	0.55707
670955.08	4104004.63	0.52712	670977.81	4104012.50	0.49798
671000.54	4104020.38	0.47253	671023.26	4104028.25	0.44949
671045.99	4104036.13	0.42764	671068.72	4104044.00	0.40752
671091.44	4104051.87	0.38954	671114.17	4104059.75	0.37375
671136.90	4104067.62	0.35996	671159.63	4104075.50	0.34790
671182.35	4104083.37	0.33733	671205.08	4104091.24	0.32800
670591.13	4103896.21	0.53360	670561.84	4103847.99	0.53680
670628.71	4103918.01	0.53641	670651.44	4103925.89	0.53795
670674.17	4103933.76	0.53637	670696.90	4103941.63	0.53181
670719.62	4103949.51	0.49979	670742.35	4103957.38	0.57816
670765.08	4103965.26	0.73670	670787.81	4103973.13	0.80079
670810.53	4103981.01	0.72495	670833.26	4103988.88	0.64382
670855.99	4103996.75	0.59335	670878.71	4104004.63	0.56566
670901.44	4104012.50	0.53903	670924.17	4104020.38	0.51363
670946.90	4104028.25	0.48712	670969.62	4104036.12	0.46077
670992.35	4104044.00	0.43860	671015.08	4104051.87	0.41845
671037.81	4104059.75	0.39912	671060.53	4104067.62	0.38115
671083.26	4104075.50	0.36491	671105.99	4104083.37	0.35052
671128.72	4104091.24	0.33785	671151.44	4104099.12	0.32669
671174.17	4104106.99	0.31687	671196.90	4104114.87	0.30819
670582.94	4103919.83	0.51572	670553.22	4103891.97	0.51592
670538.80	4103857.68	0.51998	670620.53	4103941.63	0.51385
670643.26	4103949.51	0.51276	670665.98	4103957.38	0.50864
670688.71	4103965.26	0.49795	670711.44	4103973.13	0.47814
670734.17	4103981.00	0.57923	670756.89	4103988.88	0.70329
670779.62	4103996.75	0.73088	670802.35	4104004.63	0.65414
670825.08	4104012.50	0.58385	670847.80	4104020.38	0.54684
670870.53	4104028.25	0.52388	670893.26	4104036.12	0.50110
670915.98	4104044.00	0.47866	670938.71	4104051.87	0.45300
670961.44	4104059.75	0.42962	670984.17	4104067.62	0.40960
671006.89	4104075.50	0.39146	671029.62	4104083.37	0.37423
671052.35	4104091.24	0.35806	671075.08	4104099.12	0.34331
671097.80	4104106.99	0.33012	671120.53	4104114.87	0.31841
671143.26	4104122.74	0.30806	671165.99	4104130.62	0.29889
671188.71	4104138.49	0.29076	670566.57	4103967.08	0.47821

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670536.85	4103939.22	0.48554	670507.13	4103911.36	0.48556
670492.71	4103877.07	0.48938	670493.58	4103836.34	0.49845
670604.16	4103988.88	0.46880	670626.89	4103996.75	0.46377
670649.62	4104004.63	0.45618	670672.34	4104012.50	0.42973
670695.07	4104020.38	0.44882	670717.80	4104028.25	0.56721
670740.53	4104036.12	0.63803	670763.25	4104044.00	0.60995
670785.98	4104051.87	0.55265	670808.71	4104059.75	0.51800
670831.43	4104067.62	0.49320	670854.16	4104075.50	0.47231
670876.89	4104083.37	0.45023	670899.62	4104091.24	0.42008
670922.34	4104099.12	0.39831	670945.07	4104106.99	0.37932
670967.80	4104114.87	0.36182	670990.53	4104122.74	0.34698
671013.25	4104130.61	0.33275	671035.98	4104138.49	0.31943
671058.71	4104146.36	0.30710	671081.43	4104154.24	0.29589
671104.16	4104162.11	0.28580	671126.89	4104169.99	0.27676
671149.62	4104177.86	0.26869	671172.34	4104185.73	0.26149
670548.08	4104012.33	0.44134	670531.10	4103996.41	0.44919
670514.12	4103980.49	0.45472	670497.13	4103964.57	0.45804
670480.15	4103948.65	0.45931	670463.17	4103932.74	0.45879
670446.68	4103893.55	0.46291	670447.18	4103870.27	0.46796
670447.68	4103847.00	0.47199	670448.18	4103823.73	0.47517
670448.67	4103800.46	0.47769	670449.17	4103777.19	0.47969
670565.07	4104028.25	0.43114	670587.79	4104036.12	0.42575
670610.52	4104044.00	0.41834	670633.25	4104051.87	0.40898
670655.97	4104059.75	0.38390	670678.70	4104067.62	0.43808
670701.43	4104075.49	0.52445	670724.16	4104083.37	0.55536
670746.88	4104091.24	0.54295	670769.61	4104099.12	0.52192
670792.34	4104106.99	0.49370	670815.07	4104114.87	0.45670
670837.79	4104122.74	0.41511	670860.52	4104130.61	0.38398
670883.25	4104138.49	0.36412	670905.97	4104146.36	0.34841
670928.70	4104154.24	0.33476	670951.43	4104162.11	0.32289
670974.16	4104169.99	0.31095	670996.88	4104177.86	0.29938
671019.61	4104185.73	0.28826	671042.34	4104193.61	0.27781
671065.07	4104201.48	0.26818	671087.79	4104209.36	0.25939
671110.52	4104217.23	0.25144	671133.25	4104225.10	0.24427
671155.98	4104232.98	0.23780	670532.19	4104060.02	0.40445
670515.67	4104044.54	0.41405	670499.16	4104029.06	0.42183
670482.65	4104013.59	0.42774	670466.14	4103998.11	0.43187
670433.12	4103967.16	0.43514	670416.61	4103951.68	0.43459
670400.58	4103913.58	0.43833	670401.06	4103890.95	0.44291
670401.55	4103868.33	0.44663	670402.03	4103845.70	0.44959

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670402.52	4103823.08	0.45194	670403.00	4103800.45	0.45379
670403.48	4103777.83	0.45526	670403.97	4103755.20	0.45641
670548.70	4104075.49	0.39313	670571.42	4104083.37	0.38606
670594.15	4104091.24	0.37747	670616.88	4104099.12	0.36270
670639.61	4104106.99	0.36154	670662.33	4104114.86	0.42526
670685.06	4104122.74	0.44386	670707.79	4104130.61	0.44908
670730.52	4104138.49	0.47766	670753.24	4104146.36	0.46857
670775.97	4104154.24	0.43992	670798.70	4104162.11	0.39533
670821.42	4104169.98	0.35925	670844.15	4104177.86	0.33854
670866.88	4104185.73	0.32259	670889.61	4104193.61	0.31090
670912.33	4104201.48	0.30136	670935.06	4104209.36	0.29149
670957.79	4104217.23	0.28161	670980.52	4104225.10	0.27188
671003.24	4104232.98	0.26245	671025.97	4104240.85	0.25351
671048.70	4104248.73	0.24517	671071.42	4104256.60	0.23749
671094.15	4104264.48	0.23045	671116.88	4104272.35	0.22403
671139.61	4104280.22	0.21819	670504.90	4104138.76	0.34860
670488.39	4104123.28	0.35947	670471.88	4104107.81	0.36920
670455.37	4104092.33	0.37766	670438.86	4104076.85	0.38473
670405.84	4104045.90	0.39468	670389.33	4104030.42	0.39764
670372.82	4104014.95	0.39934	670356.31	4103999.47	0.39988
670339.79	4103983.99	0.39934	670323.77	4103945.89	0.40265
670324.25	4103923.26	0.40670	670324.73	4103900.64	0.41001
670325.22	4103878.01	0.41268	670325.70	4103855.39	0.41477
670326.19	4103832.76	0.41641	670326.67	4103810.14	0.41765
670327.15	4103787.51	0.41861	670327.64	4103764.89	0.41931
670328.12	4103742.26	0.41978	670328.60	4103719.64	0.42004
670521.42	4104154.23	0.33679	670544.14	4104162.11	0.32876
670566.87	4104169.98	0.31924	670589.60	4104177.86	0.30711
670612.32	4104185.73	0.35138	670635.05	4104193.61	0.36272
670657.78	4104201.48	0.37309	670680.51	4104209.35	0.39183
670703.23	4104217.23	0.39712	670725.96	4104225.10	0.37683
670748.69	4104232.98	0.35344	670771.42	4104240.85	0.33292
670794.14	4104248.73	0.31578	670816.87	4104256.60	0.29488
670839.60	4104264.47	0.27906	670862.33	4104272.35	0.26699
670885.05	4104280.22	0.25824	670907.78	4104288.10	0.25064
670930.51	4104295.97	0.24288	670953.23	4104303.85	0.23532
670975.96	4104311.72	0.22797	670998.69	4104319.59	0.22092
671021.42	4104327.47	0.21427	671044.14	4104335.34	0.20805
671066.87	4104343.22	0.20227	671089.60	4104351.09	0.19702
671112.33	4104358.96	0.19249	670477.62	4104217.50	0.30095

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670461.11	4104202.02	0.31157	670444.60	4104186.55	0.32162
670428.09	4104171.07	0.33094	670411.58	4104155.59	0.33938
670395.07	4104140.12	0.34683	670362.05	4104109.16	0.35855
670345.54	4104093.69	0.36278	670329.02	4104078.21	0.36595
670312.51	4104062.73	0.36811	670296.00	4104047.26	0.36931
670279.49	4104031.78	0.36961	670262.98	4104016.30	0.36907
670246.95	4103978.20	0.37196	670247.44	4103955.58	0.37554
670247.92	4103932.95	0.37851	670248.40	4103910.33	0.38091
670248.89	4103887.70	0.38280	670249.37	4103865.07	0.38425
670249.85	4103842.45	0.38534	670250.34	4103819.82	0.38614
670250.82	4103797.20	0.38668	670251.31	4103774.57	0.38702
670251.79	4103751.95	0.38718	670252.27	4103729.32	0.38718
670252.76	4103706.70	0.38702	670253.24	4103684.07	0.38670
670494.13	4104232.98	0.28998	670516.86	4104240.85	0.28235
670539.59	4104248.72	0.26785	670562.32	4104256.60	0.29238
670585.04	4104264.47	0.33162	670607.77	4104272.35	0.34121
670630.50	4104280.22	0.33991	670653.23	4104288.10	0.34343
670675.95	4104295.97	0.34006	670698.68	4104303.84	0.33224
670721.41	4104311.72	0.32136	670744.13	4104319.59	0.30717
670766.86	4104327.47	0.28814	670789.59	4104335.34	0.26469
670812.32	4104343.22	0.24727	670835.04	4104351.09	0.23584
670857.77	4104358.96	0.22734	670880.50	4104366.84	0.21983
670903.23	4104374.71	0.21313	670925.95	4104382.59	0.20719
670948.68	4104390.46	0.20158	670971.41	4104398.34	0.19644
670994.14	4104406.21	0.19192	671016.86	4104414.08	0.18788
671039.59	4104421.96	0.18265	671062.32	4104429.83	0.17768
671085.04	4104437.71	0.17345	670449.37	4104295.33	0.26210
670431.89	4104278.94	0.27224	670414.41	4104262.56	0.28218
670396.92	4104246.17	0.29174	670379.44	4104229.78	0.30075
670361.96	4104213.40	0.30906	670344.48	4104197.01	0.31658
670327.00	4104180.62	0.32320	670309.51	4104164.23	0.32888
670292.03	4104147.85	0.33358	670274.55	4104131.46	0.33732
670257.07	4104115.07	0.34013	670239.58	4104098.69	0.34203
670222.10	4104082.30	0.34307	670204.62	4104065.91	0.34330
670187.14	4104049.53	0.34276	670170.17	4104009.18	0.34541
670170.68	4103985.23	0.34871	670171.19	4103961.27	0.35145
670171.70	4103937.31	0.35363	670172.22	4103913.36	0.35532
670172.73	4103889.40	0.35658	670173.24	4103865.44	0.35748
670173.75	4103841.49	0.35808	670174.26	4103817.53	0.35843
670174.78	4103793.58	0.35857	670175.29	4103769.62	0.35853

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670175.80	4103745.66	0.35835	670176.31	4103721.71	0.35802
670176.82	4103697.75	0.35757	670177.34	4103673.79	0.35696
670177.85	4103649.84	0.35621	670466.85	4104311.72	0.25199
670489.58	4104319.59	0.23714	670512.31	4104327.47	0.24547
670535.04	4104335.34	0.28874	670557.76	4104343.21	0.31094
670580.49	4104351.09	0.29993	670603.22	4104358.96	0.28576
670625.94	4104366.84	0.28199	670648.67	4104374.71	0.27629
670671.40	4104382.59	0.27039	670694.13	4104390.46	0.26147
670716.85	4104398.33	0.25213	670739.58	4104406.21	0.24394
670762.31	4104414.08	0.23641	670785.04	4104421.96	0.22797
670807.76	4104429.83	0.21943	670830.49	4104437.71	0.21110
670853.22	4104445.58	0.20319	670875.94	4104453.45	0.19642
670898.67	4104461.33	0.19020	670921.40	4104469.20	0.18454
670944.13	4104477.08	0.17906	670966.85	4104484.95	0.17390
670989.58	4104492.82	0.16917	671012.31	4104500.70	0.16485
671035.04	4104508.57	0.16100	671057.76	4104516.45	0.15756
670367.86	4104531.87	0.17834	670350.72	4104515.80	0.18806
670333.57	4104499.73	0.19437	670316.43	4104483.65	0.20090
670299.28	4104467.58	0.20758	670282.13	4104451.51	0.21432
670264.99	4104435.44	0.22105	670247.84	4104419.37	0.22769
670230.70	4104403.29	0.23417	670213.55	4104387.22	0.24040
670196.40	4104371.15	0.24634	670179.26	4104355.08	0.25191
670162.11	4104339.01	0.25707	670144.96	4104322.93	0.26179
670127.82	4104306.86	0.26601	670110.67	4104290.79	0.26972
670093.53	4104274.72	0.27291	670076.38	4104258.65	0.27557
670059.23	4104242.58	0.27771	670042.09	4104226.50	0.27935
670024.94	4104210.43	0.28048	670007.80	4104194.36	0.28113
669990.65	4104178.29	0.28132	669973.50	4104162.22	0.28106
669956.36	4104146.14	0.28040	669939.71	4104106.58	0.28197
669940.22	4104083.08	0.28426	669940.72	4104059.59	0.28622
669941.22	4104036.09	0.28783	669941.72	4104012.59	0.28911
669942.23	4103989.10	0.29007	669942.73	4103965.60	0.29076
669943.23	4103942.11	0.29120	669943.73	4103918.61	0.29141
669944.24	4103895.12	0.29145	669944.74	4103871.62	0.29131
669945.24	4103848.13	0.29102	669945.74	4103824.63	0.29060
669946.24	4103801.13	0.29007	669946.75	4103777.64	0.28943
669947.25	4103754.14	0.28871	669947.75	4103730.65	0.28791
669948.25	4103707.15	0.28704	669948.76	4103683.66	0.28610
669949.26	4103660.16	0.28508	669949.76	4103636.67	0.28398
669950.26	4103613.17	0.28278	669950.76	4103589.67	0.28148

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669951.27	4103566.18	0.28006	669951.77	4103542.68	0.27850
670385.01	4104547.94	0.18618	670407.74	4104555.82	0.20871
670430.46	4104563.69	0.22069	670453.19	4104571.56	0.21318
670475.92	4104579.44	0.20368	670498.65	4104587.31	0.19623
670521.37	4104595.19	0.19139	670544.10	4104603.06	0.18798
670566.83	4104610.94	0.18580	670589.56	4104618.81	0.18349
670612.28	4104626.68	0.18030	670635.01	4104634.56	0.17542
670657.74	4104642.43	0.16983	670680.46	4104650.31	0.16471
670703.19	4104658.18	0.16019	670725.92	4104666.05	0.15659
670748.65	4104673.93	0.15287	670771.37	4104681.80	0.14913
670794.10	4104689.68	0.14593	670816.83	4104697.55	0.14290
670839.56	4104705.43	0.13979	670862.28	4104713.30	0.13659
670885.01	4104721.17	0.13342	670907.74	4104729.05	0.13020
670930.47	4104736.92	0.12703	670953.19	4104744.80	0.12434
670975.92	4104752.67	0.12183	670285.68	4104767.78	0.17086
670268.20	4104751.39	0.16285	670250.72	4104735.00	0.14767
670233.24	4104718.62	0.14752	670215.76	4104702.23	0.15267
670198.27	4104685.84	0.15715	670180.79	4104669.46	0.16178
670163.31	4104653.07	0.16654	670145.83	4104636.68	0.17139
670128.34	4104620.29	0.17629	670110.86	4104603.91	0.18121
670093.38	4104587.52	0.18612	670075.90	4104571.13	0.19098
670058.41	4104554.75	0.19574	670040.93	4104538.36	0.20039
670023.45	4104521.97	0.20487	670005.97	4104505.59	0.20914
669988.49	4104489.20	0.21317	669971.00	4104472.81	0.21693
669953.52	4104456.42	0.22039	669936.04	4104440.04	0.22351
669918.56	4104423.65	0.22631	669901.07	4104407.26	0.22876
669883.59	4104390.88	0.23086	669866.11	4104374.49	0.23262
669848.63	4104358.10	0.23403	669831.15	4104341.72	0.23509
669813.66	4104325.33	0.23583	669796.18	4104308.94	0.23624
669778.70	4104292.55	0.23634	669761.22	4104276.17	0.23615
669743.73	4104259.78	0.23569	669726.25	4104243.39	0.23497
669709.28	4104203.05	0.23589	669709.79	4104179.09	0.23758
669710.31	4104155.14	0.23903	669710.82	4104131.18	0.24026
669711.33	4104107.23	0.24124	669711.84	4104083.27	0.24199
669712.35	4104059.31	0.24251	669712.87	4104035.36	0.24282
669713.38	4104011.40	0.24295	669713.89	4103987.44	0.24291
669714.40	4103963.49	0.24272	669714.92	4103939.53	0.24239
669715.43	4103915.58	0.24193	669715.94	4103891.62	0.24136
669716.45	4103867.66	0.24068	669716.96	4103843.71	0.23990
669717.48	4103819.75	0.23904	669717.99	4103795.79	0.23811

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669718.50	4103771.84	0.23712	669719.01	4103747.88	0.23609
669719.52	4103723.93	0.23502	669720.04	4103699.97	0.23393
669720.55	4103676.01	0.23280	669721.06	4103652.06	0.23166
669721.57	4103628.10	0.23048	669722.09	4103604.14	0.22927
669722.60	4103580.19	0.22803	669723.11	4103556.23	0.22674
669723.62	4103532.28	0.22539	669724.13	4103508.32	0.22397
669724.65	4103484.36	0.22246	669725.16	4103460.41	0.22083
669725.67	4103436.45	0.21908	670303.17	4104784.16	0.16586
670325.89	4104792.04	0.16125	670348.62	4104799.91	0.16068
670371.35	4104807.79	0.16035	670394.08	4104815.66	0.15933
670416.80	4104823.54	0.15725	670439.53	4104831.41	0.15553
670462.26	4104839.28	0.15362	670484.98	4104847.16	0.15098
670507.71	4104855.03	0.14809	670530.44	4104862.91	0.14341
670553.17	4104870.78	0.13620	670575.89	4104878.66	0.13158
670598.62	4104886.53	0.12999	670621.35	4104894.40	0.13173
670644.08	4104902.28	0.13110	670666.80	4104910.15	0.12957
670689.53	4104918.03	0.12957	670712.26	4104925.90	0.12879
670734.99	4104933.78	0.12748	670757.71	4104941.65	0.12519
670780.44	4104949.52	0.12288	670803.17	4104957.40	0.12153
670825.89	4104965.27	0.12035	670848.62	4104973.15	0.11710
670871.35	4104981.02	0.11168	670894.08	4104988.89	0.10670
670122.00	4105240.23	0.10354	670104.52	4105223.84	0.10408
670087.03	4105207.45	0.10516	670069.55	4105191.06	0.10658
670052.07	4105174.68	0.10824	670034.59	4105158.29	0.10988
670017.10	4105141.90	0.11158	669999.62	4105125.52	0.11352
669982.14	4105109.13	0.11577	669964.66	4105092.74	0.11839
669947.17	4105076.36	0.12132	669929.69	4105059.97	0.12528
669912.21	4105043.58	0.13039	669894.73	4105027.19	0.13378
669877.25	4105010.81	0.12895	669859.76	4104994.42	0.12081
669842.28	4104978.03	0.12354	669824.80	4104961.65	0.12708
669807.32	4104945.26	0.12991	669789.83	4104928.87	0.13276
669772.35	4104912.49	0.13562	669754.87	4104896.10	0.13848
669737.39	4104879.71	0.14134	669719.91	4104863.32	0.14418
669702.42	4104846.94	0.14698	669684.94	4104830.55	0.14975
669667.46	4104814.16	0.15244	669649.98	4104797.78	0.15504
669632.49	4104781.39	0.15753	669615.01	4104765.00	0.15988
669597.53	4104748.61	0.16209	669580.05	4104732.23	0.16414
669562.57	4104715.84	0.16602	669545.08	4104699.45	0.16773
669527.60	4104683.07	0.16926	669510.12	4104666.68	0.17062
669492.64	4104650.29	0.17182	669475.15	4104633.91	0.17285

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669457.67	4104617.52	0.17372	669440.19	4104601.13	0.17443
669422.71	4104584.74	0.17499	669405.22	4104568.36	0.17539
669387.74	4104551.97	0.17565	669370.26	4104535.58	0.17575
669352.78	4104519.20	0.17572	669335.30	4104502.81	0.17554
669317.81	4104486.42	0.17523	669300.33	4104470.04	0.17480
669282.85	4104453.65	0.17425	669265.37	4104437.26	0.17358
669248.40	4104396.92	0.17379	669248.91	4104372.96	0.17469
669249.42	4104349.01	0.17548	669249.93	4104325.05	0.17616
669250.45	4104301.09	0.17672	669250.96	4104277.14	0.17715
669251.47	4104253.18	0.17744	669251.98	4104229.22	0.17760
669252.49	4104205.27	0.17764	669253.01	4104181.31	0.17755
669253.52	4104157.36	0.17736	669254.03	4104133.40	0.17706
669254.54	4104109.44	0.17669	669255.05	4104085.49	0.17623
669255.57	4104061.53	0.17572	669256.08	4104037.57	0.17514
669256.59	4104013.62	0.17451	669257.10	4103989.66	0.17383
669257.62	4103965.71	0.17311	669258.13	4103941.75	0.17235
669258.64	4103917.79	0.17154	669259.15	4103893.84	0.17071
669259.66	4103869.88	0.16985	669260.18	4103845.93	0.16896
669260.69	4103821.97	0.16806	669261.20	4103798.01	0.16714
669261.71	4103774.06	0.16622	669262.22	4103750.10	0.16530
669262.74	4103726.14	0.16438	669263.25	4103702.19	0.16347
669263.76	4103678.23	0.16257	669264.27	4103654.28	0.16167
669264.79	4103630.32	0.16078	669265.30	4103606.36	0.15989
669265.81	4103582.41	0.15898	669266.32	4103558.45	0.15808
669266.83	4103534.49	0.15716	669267.35	4103510.54	0.15623
669267.86	4103486.58	0.15527	669268.37	4103462.63	0.15430
669268.88	4103438.67	0.15330	669269.39	4103414.71	0.15226
669269.91	4103390.76	0.15119	669270.42	4103366.80	0.15006
669270.93	4103342.84	0.14887	669271.44	4103318.89	0.14762
669271.96	4103294.93	0.14632	669272.47	4103270.98	0.14497
669272.98	4103247.02	0.14358	669273.49	4103223.06	0.14216
670139.48	4105256.61	0.10331	670162.21	4105264.49	0.10411
670184.93	4105272.36	0.10533	670207.66	4105280.24	0.10686
670230.39	4105288.11	0.10792	670253.12	4105295.98	0.10807
670275.84	4105303.86	0.10750	670298.57	4105311.73	0.10675
670321.30	4105319.61	0.10544	670344.03	4105327.48	0.10374
670366.75	4105335.35	0.10189	670389.48	4105343.23	0.09937
670412.21	4105351.10	0.09664	670434.93	4105358.98	0.09438
670457.66	4105366.85	0.09253	670480.39	4105374.73	0.09083
670503.12	4105382.60	0.08861	670525.84	4105390.47	0.08702

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670548.57	4105398.35	0.08691	670571.30	4105406.22	0.08652
670594.03	4105414.10	0.08544	670616.75	4105421.97	0.08419
670639.48	4105429.85	0.08279	670662.21	4105437.72	0.08098
670684.93	4105445.59	0.07871	670707.66	4105453.47	0.07624
670730.39	4105461.34	0.07347	669958.31	4105712.67	0.07900
669940.83	4105696.29	0.07942	669923.35	4105679.90	0.08012
669905.86	4105663.51	0.08063	669888.38	4105647.12	0.08097
669870.90	4105630.74	0.08119	669853.42	4105614.35	0.08161
669835.93	4105597.96	0.08215	669818.45	4105581.58	0.08277
669800.97	4105565.19	0.08352	669783.49	4105548.80	0.08434
669766.01	4105532.42	0.08527	669748.52	4105516.03	0.08634
669731.04	4105499.64	0.08774	669713.56	4105483.25	0.08932
669696.08	4105466.87	0.09096	669678.59	4105450.48	0.09297
669661.11	4105434.09	0.09214	669643.63	4105417.71	0.09090
669626.15	4105401.32	0.08860	669608.67	4105384.93	0.08466
669591.18	4105368.55	0.08364	669573.70	4105352.16	0.08469
669556.22	4105335.77	0.08764	669538.74	4105319.38	0.09224
669521.25	4105303.00	0.09650	669503.77	4105286.61	0.09897
669486.29	4105270.22	0.10087	669468.81	4105253.84	0.10273
669451.33	4105237.45	0.10460	669433.84	4105221.06	0.10647
669416.36	4105204.68	0.10835	669398.88	4105188.29	0.11022
669381.40	4105171.90	0.11210	669363.91	4105155.51	0.11421
669346.43	4105139.13	0.11606	669328.95	4105122.74	0.11787
669311.47	4105106.35	0.11965	669293.98	4105089.97	0.12138
669276.50	4105073.58	0.12304	669259.02	4105057.19	0.12462
669241.54	4105040.81	0.12612	669224.06	4105024.42	0.12752
669206.57	4105008.03	0.12881	669189.09	4104991.64	0.13001
669171.61	4104975.26	0.13110	669154.13	4104958.87	0.13209
669136.64	4104942.48	0.13299	669119.16	4104926.10	0.13379
669101.68	4104909.71	0.13450	669084.20	4104893.32	0.13513
669066.72	4104876.94	0.13568	669049.23	4104860.55	0.13616
669031.75	4104844.16	0.13655	669014.27	4104827.77	0.13687
668996.79	4104811.39	0.13712	668979.30	4104795.00	0.13728
668961.82	4104778.61	0.13737	668944.34	4104762.23	0.13737
668926.86	4104745.84	0.13728	668909.38	4104729.45	0.13711
668891.89	4104713.07	0.13686	668874.41	4104696.68	0.13652
668856.93	4104680.29	0.13610	668839.45	4104663.90	0.13560
668821.96	4104647.52	0.13503	668804.48	4104631.13	0.13439
668787.51	4104590.79	0.13420	668788.02	4104566.83	0.13466
668788.54	4104542.87	0.13506	668789.05	4104518.92	0.13541

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668789.56	4104494.96	0.13571	668790.07	4104471.01	0.13594
668790.58	4104447.05	0.13610	668791.10	4104423.09	0.13620
668791.61	4104399.14	0.13621	668792.12	4104375.18	0.13617
668792.63	4104351.22	0.13604	668793.15	4104327.27	0.13586
668793.66	4104303.31	0.13561	668794.17	4104279.36	0.13532
668794.68	4104255.40	0.13497	668795.19	4104231.44	0.13459
668795.71	4104207.49	0.13418	668796.22	4104183.53	0.13374
668796.73	4104159.57	0.13327	668797.24	4104135.62	0.13278
668797.75	4104111.66	0.13227	668798.27	4104087.71	0.13174
668798.78	4104063.75	0.13119	668799.29	4104039.79	0.13062
668799.80	4104015.84	0.13002	668800.32	4103991.88	0.12940
668800.83	4103967.92	0.12876	668801.34	4103943.97	0.12810
668801.85	4103920.01	0.12742	668802.36	4103896.06	0.12671
668802.88	4103872.10	0.12600	668803.39	4103848.14	0.12527
668803.90	4103824.19	0.12453	668804.41	4103800.23	0.12378
668804.92	4103776.27	0.12303	668805.44	4103752.32	0.12228
668805.95	4103728.36	0.12154	668806.46	4103704.41	0.12080
668806.97	4103680.45	0.12008	668807.48	4103656.49	0.11937
668808.00	4103632.54	0.11868	668808.51	4103608.58	0.11800
668809.02	4103584.62	0.11733	668809.53	4103560.67	0.11668
668810.05	4103536.71	0.11604	668810.56	4103512.76	0.11541
668811.07	4103488.80	0.11479	668811.58	4103464.84	0.11418
668812.09	4103440.89	0.11358	668812.61	4103416.93	0.11298
668813.12	4103392.97	0.11239	668813.63	4103369.02	0.11179
668814.14	4103345.06	0.11119	668814.65	4103321.11	0.11057
668815.17	4103297.15	0.10992	668815.68	4103273.19	0.10925
668816.19	4103249.24	0.10854	668816.70	4103225.28	0.10780
668817.22	4103201.33	0.10701	668817.73	4103177.37	0.10618
668818.24	4103153.41	0.10532	668818.75	4103129.46	0.10444
668819.26	4103105.50	0.10354	668819.78	4103081.54	0.10263
668820.29	4103057.59	0.10173	668820.80	4103033.63	0.10085
668821.31	4103009.68	0.09999	669975.79	4105729.06	0.07890
669998.52	4105736.93	0.07898	670021.25	4105744.81	0.07797
670043.97	4105752.68	0.07673	670066.70	4105760.56	0.07390
670089.43	4105768.43	0.06837	670112.16	4105776.31	0.05843
670134.88	4105784.18	0.05492	670157.61	4105792.05	0.05778
670180.34	4105799.93	0.06246	670203.07	4105807.80	0.06852
670225.79	4105815.68	0.07143	670248.52	4105823.55	0.07298
670271.25	4105831.42	0.07310	670293.98	4105839.30	0.07300
670316.70	4105847.17	0.07179	670339.43	4105855.05	0.07040

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670362.16	4105862.92	0.06884	670384.88	4105870.80	0.06726
670407.61	4105878.67	0.06559	670430.34	4105886.54	0.06382
670453.07	4105894.42	0.06228	670475.79	4105902.29	0.06108
670498.52	4105910.17	0.06021	670521.25	4105918.04	0.05945
670543.98	4105925.92	0.05887	670566.70	4105933.79	0.05828
671243.44	4104055.89	0.36238	671255.31	4104033.93	0.38911
671267.18	4104011.97	0.42076	671279.05	4103990.02	0.45907
671290.91	4103968.06	0.50690	671302.78	4103946.10	0.56843
671314.65	4103924.14	0.64947	671326.51	4103902.19	0.75695
671338.38	4103880.23	0.89709	671350.25	4103858.27	1.07302
671362.12	4103836.31	1.28035	671373.98	4103814.36	1.50879
671385.85	4103792.40	1.74649	671397.72	4103770.44	1.98208
671409.59	4103748.49	2.20706	671421.45	4103726.53	2.41696
671433.32	4103704.57	2.60941	671445.19	4103682.61	2.78388
671457.05	4103660.66	2.94066	671468.92	4103638.70	3.08071
671480.79	4103616.74	3.20526	671492.66	4103594.79	3.31573
671504.52	4103572.83	3.41385	671516.39	4103550.87	3.50067
671528.26	4103528.91	3.57758	671540.13	4103506.96	3.64570
671551.99	4103485.00	3.70633	671563.86	4103463.04	3.76013
671575.73	4103441.09	3.80795	671587.60	4103419.13	3.85065
671599.46	4103397.17	3.88889	671611.33	4103375.21	3.92283
671623.20	4103353.26	3.95289	671635.06	4103331.30	3.97974
671646.93	4103309.34	4.00389	671658.80	4103287.39	4.02628
671670.67	4103265.43	4.04730	671682.53	4103243.47	4.06773
671694.40	4103221.51	4.08661	671706.27	4103199.56	4.10477
671718.14	4103177.60	4.12053	671730.00	4103155.64	4.13301
671741.87	4103133.68	4.14259	671753.74	4103111.73	4.15026
671765.60	4103089.77	4.15680	671777.47	4103067.81	4.16200
671789.34	4103045.86	4.16650	671801.21	4103023.90	4.17041
671813.07	4103001.94	4.17353	671824.94	4102979.98	4.17603
671836.81	4102958.03	4.17759	671848.68	4102936.07	4.17848
671860.54	4102914.11	4.17768	671872.41	4102892.16	4.17541
671884.28	4102870.20	4.17347	671896.14	4102848.24	4.17444
671908.01	4102826.28	4.17829	671919.88	4102804.33	4.18022
671931.75	4102782.37	4.18075	671943.61	4102760.41	4.17986
671955.48	4102738.46	4.17750	671967.35	4102716.50	4.17513
671979.22	4102694.54	4.17347	671991.08	4102672.58	4.17202
672002.95	4102650.63	4.16993	672014.82	4102628.67	4.16692
672026.69	4102606.71	4.16238	672038.55	4102584.76	4.15966
672050.42	4102562.80	4.15499	672062.29	4102540.84	4.14656

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672074.15	4102518.88	4.13513	672086.02	4102496.93	4.12113
672097.89	4102474.97	4.10571	672109.76	4102453.01	4.08860
672121.62	4102431.05	4.06916	672133.49	4102409.10	4.04605
672145.36	4102387.14	4.02175	672157.23	4102365.18	3.99331
672169.09	4102343.23	3.95811	672180.96	4102321.27	3.91349
672192.83	4102299.31	3.85539	672204.69	4102277.35	3.78005
672216.56	4102255.40	3.68499	672228.43	4102233.44	3.56940
672240.30	4102211.48	3.43451	672252.16	4102189.53	3.28240
672264.03	4102167.57	3.11964	672275.90	4102145.61	2.95037
672287.77	4102123.65	2.77898	672299.63	4102101.70	2.61158
671252.50	4104079.19	0.33749	671277.30	4104045.82	0.37406
671289.17	4104023.86	0.40357	671301.04	4104001.90	0.43908
671312.91	4103979.94	0.48297	671324.77	4103957.99	0.53860
671336.64	4103936.03	0.61053	671348.51	4103914.07	0.70387
671360.37	4103892.12	0.82321	671372.24	4103870.16	0.97105
671384.11	4103848.20	1.14489	671395.98	4103826.24	1.33931
671407.84	4103804.29	1.54527	671419.71	4103782.33	1.75356
671431.58	4103760.37	1.95658	671443.45	4103738.42	2.14935
671455.31	4103716.46	2.32920	671467.18	4103694.50	2.49453
671479.05	4103672.54	2.64529	671490.92	4103650.59	2.78177
671502.78	4103628.63	2.90498	671514.65	4103606.67	3.01557
671526.52	4103584.72	3.11454	671538.38	4103562.76	3.20321
671550.25	4103540.80	3.28236	671562.12	4103518.84	3.35309
671573.99	4103496.89	3.41628	671585.85	4103474.93	3.47304
671597.72	4103452.97	3.52384	671609.59	4103431.02	3.56937
671621.46	4103409.06	3.61039	671633.32	4103387.10	3.64740
671645.19	4103365.14	3.68072	671657.06	4103343.19	3.70989
671668.92	4103321.23	3.73603	671680.79	4103299.27	3.75966
671692.66	4103277.31	3.78159	671704.53	4103255.36	3.80338
671716.39	4103233.40	3.82602	671728.26	4103211.44	3.84922
671740.13	4103189.49	3.86724	671752.00	4103167.53	3.88023
671763.86	4103145.57	3.89136	671775.73	4103123.61	3.90083
671787.60	4103101.66	3.90908	671799.47	4103079.70	3.91632
671811.33	4103057.74	3.92266	671823.20	4103035.79	3.92809
671835.07	4103013.83	3.93245	671846.93	4102991.87	3.93617
671858.80	4102969.91	3.93907	671870.67	4102947.96	3.94119
671882.54	4102926.00	3.94257	671894.40	4102904.04	3.94235
671906.27	4102882.09	3.94349	671918.14	4102860.13	3.94662
671930.01	4102838.17	3.94904	671941.87	4102816.21	3.95115
671953.74	4102794.26	3.95316	671965.61	4102772.30	3.95458

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671977.47	4102750.34	3.95506	671989.34	4102728.38	3.95507
672001.21	4102706.43	3.95517	672013.08	4102684.47	3.95546
672024.94	4102662.51	3.95660	672036.81	4102640.56	3.95970
672048.68	4102618.60	3.96167	672060.55	4102596.64	3.95987
672072.41	4102574.68	3.95602	672084.28	4102552.73	3.94947
672096.15	4102530.77	3.93642	672108.02	4102508.81	3.92165
672119.88	4102486.86	3.90820	672131.75	4102464.90	3.89504
672143.62	4102442.94	3.87706	672155.48	4102420.98	3.85666
672167.35	4102399.03	3.83326	672179.22	4102377.07	3.80620
672191.09	4102355.11	3.77368	672202.95	4102333.16	3.73305
672214.82	4102311.20	3.68149	672226.69	4102289.24	3.61561
672238.56	4102267.28	3.53347	672250.42	4102245.33	3.43455
672262.29	4102223.37	3.31956	672274.16	4102201.41	3.18924
672286.02	4102179.46	3.04446	672297.89	4102157.50	2.89076
672309.76	4102135.54	2.73613	672321.63	4102113.58	2.58406
671274.50	4104091.07	0.32579	671231.39	4104114.22	0.30670
671299.30	4104057.70	0.36026	671311.16	4104035.75	0.38783
671323.03	4104013.79	0.42082	671334.90	4103991.83	0.46122
671346.77	4103969.87	0.51181	671358.63	4103947.92	0.57607
671370.50	4103925.96	0.65794	671382.37	4103904.00	0.76091
671394.24	4103882.05	0.88678	671406.10	4103860.09	1.03509
671417.97	4103838.13	1.20197	671429.84	4103816.17	1.38122
671441.70	4103794.22	1.56564	671453.57	4103772.26	1.74851
671465.44	4103750.30	1.92476	671477.31	4103728.35	2.09141
671489.17	4103706.39	2.24711	671501.04	4103684.43	2.39101
671512.91	4103662.47	2.52305	671524.78	4103640.52	2.64336
671536.64	4103618.56	2.75282	671548.51	4103596.60	2.85178
671560.38	4103574.65	2.94104	671572.25	4103552.69	3.02151
671584.11	4103530.73	3.09405	671595.98	4103508.77	3.15934
671607.85	4103486.82	3.21815	671619.71	4103464.86	3.27134
671631.58	4103442.90	3.31941	671643.45	4103420.94	3.36294
671655.32	4103398.99	3.40233	671667.18	4103377.03	3.43842
671679.05	4103355.07	3.47087	671690.92	4103333.12	3.49912
671702.79	4103311.16	3.52431	671714.65	4103289.20	3.54738
671726.52	4103267.24	3.56877	671738.39	4103245.29	3.59028
671750.25	4103223.33	3.61177	671762.12	4103201.37	3.63042
671773.99	4103179.42	3.64439	671785.86	4103157.46	3.65614
671797.72	4103135.50	3.67184	671809.59	4103113.54	3.68516
671821.46	4103091.59	3.69528	671833.33	4103069.63	3.70368
671845.19	4103047.67	3.71106	671857.06	4103025.72	3.71727

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671868.93	4103003.76	3.72280	671880.79	4102981.80	3.72758
671892.66	4102959.84	3.73131	671904.53	4102937.89	3.73423
671916.40	4102915.93	3.73630	671928.26	4102893.97	3.73940
671940.13	4102872.01	3.74303	671952.00	4102850.06	3.74528
671963.87	4102828.10	3.74872	671975.73	4102806.14	3.75203
671987.60	4102784.19	3.75478	671999.47	4102762.23	3.75707
672011.34	4102740.27	3.75901	672023.20	4102718.31	3.76097
672035.07	4102696.36	3.76256	672046.94	4102674.40	3.76716
672058.80	4102652.44	3.78745	672070.67	4102630.49	3.79775
672082.54	4102608.53	3.79105	672094.41	4102586.57	3.78282
672106.27	4102564.61	3.77358	672118.14	4102542.66	3.76216
672130.01	4102520.70	3.74662	672141.88	4102498.74	3.73163
672153.74	4102476.79	3.71917	672165.61	4102454.83	3.70160
672177.48	4102432.87	3.68102	672189.34	4102410.91	3.65902
672201.21	4102388.96	3.63762	672213.08	4102367.00	3.60861
672224.95	4102345.04	3.57128	672236.81	4102323.09	3.52463
672248.68	4102301.13	3.46637	672260.55	4102279.17	3.39466
672272.42	4102257.21	3.30919	672284.28	4102235.26	3.21058
672296.15	4102213.30	3.09681	672308.02	4102191.34	2.96602
672319.89	4102169.38	2.82692	672331.75	4102147.43	2.68913
672343.62	4102125.47	2.55199	671292.18	4104106.77	0.31169
671274.94	4104121.98	0.29937	671234.70	4104137.63	0.28858
671211.71	4104138.06	0.28940	671309.42	4104091.55	0.32533
671321.29	4104069.59	0.34750	671333.16	4104047.63	0.37335
671345.02	4104025.68	0.40406	671356.89	4104003.72	0.44137
671368.76	4103981.76	0.48755	671380.63	4103959.80	0.54539
671392.49	4103937.85	0.61783	671404.36	4103915.89	0.70767
671416.23	4103893.93	0.81655	671428.10	4103871.98	0.94428
671439.96	4103850.02	1.08890	671451.83	4103828.06	1.24583
671463.70	4103806.10	1.40917	671475.57	4103784.15	1.57337
671487.43	4103762.19	1.73423	671499.30	4103740.23	1.88856
671511.17	4103718.27	2.03444	671523.03	4103696.32	2.17089
671534.90	4103674.36	2.29757	671546.77	4103652.40	2.41437
671558.64	4103630.45	2.52150	671570.50	4103608.49	2.61943
671582.37	4103586.53	2.70861	671594.24	4103564.57	2.78960
671606.11	4103542.62	2.86301	671617.97	4103520.66	2.92972
671629.84	4103498.70	2.99016	671641.71	4103476.75	3.04505
671653.57	4103454.79	3.09519	671665.44	4103432.83	3.14089
671677.31	4103410.87	3.18242	671689.18	4103388.92	3.22025
671701.04	4103366.96	3.25515	671712.91	4103345.00	3.28668

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671724.78	4103323.05	3.31434	671736.65	4103301.09	3.33860
671748.51	4103279.13	3.36089	671760.38	4103257.17	3.38179
671772.25	4103235.22	3.40141	671784.12	4103213.26	3.41824
671795.98	4103191.30	3.43322	671807.85	4103169.35	3.44726
671819.72	4103147.39	3.46338	671831.58	4103125.43	3.48057
671843.45	4103103.47	3.49496	671855.32	4103081.52	3.50634
671867.19	4103059.56	3.51531	671879.05	4103037.60	3.52353
671890.92	4103015.64	3.53093	671902.79	4102993.69	3.53723
671914.66	4102971.73	3.54250	671926.52	4102949.77	3.54718
671938.39	4102927.82	3.55119	671950.26	4102905.86	3.55561
671962.12	4102883.90	3.56004	671973.99	4102861.94	3.56384
671985.86	4102839.99	3.56746	671997.73	4102818.03	3.57188
672009.59	4102796.07	3.57581	672021.46	4102774.12	3.57942
672033.33	4102752.16	3.58292	672045.20	4102730.20	3.58637
672057.06	4102708.24	3.58971	672068.93	4102686.29	3.59693
672080.80	4102664.33	3.62929	672092.67	4102642.37	3.63263
672104.53	4102620.42	3.62552	672116.40	4102598.46	3.61793
672128.27	4102576.50	3.60971	672140.13	4102554.54	3.59981
672152.00	4102532.59	3.58784	672163.87	4102510.63	3.57425
672175.74	4102488.67	3.55971	672187.60	4102466.72	3.54374
672199.47	4102444.76	3.52521	672211.34	4102422.80	3.50584
672223.21	4102400.84	3.48511	672235.07	4102378.89	3.45871
672246.94	4102356.93	3.42500	672258.81	4102334.97	3.38292
672270.67	4102313.01	3.33125	672282.54	4102291.06	3.26827
672294.41	4102269.10	3.19308	672306.28	4102247.14	3.10513
672318.14	4102225.19	3.00267	672330.01	4102203.23	2.88734
672341.88	4102181.27	2.76545	672353.75	4102159.31	2.64128
672365.61	4102137.36	2.51633	671337.89	4104129.02	0.29380
671306.85	4104156.41	0.27414	671255.12	4104184.19	0.25756
671213.73	4104184.96	0.25881	671365.28	4104093.36	0.32469
671377.14	4104071.41	0.34751	671389.01	4104049.45	0.37435
671400.88	4104027.49	0.40647	671412.75	4104005.53	0.44541
671424.61	4103983.58	0.49296	671436.48	4103961.62	0.55108
671448.35	4103939.66	0.62148	671460.22	4103917.71	0.70531
671472.08	4103895.75	0.80307	671483.95	4103873.79	0.91396
671495.82	4103851.83	1.03562	671507.68	4103829.88	1.16483
671519.55	4103807.92	1.29822	671531.42	4103785.96	1.43198
671543.29	4103764.01	1.56336	671555.15	4103742.05	1.69048
671567.02	4103720.09	1.81187	671578.89	4103698.13	1.92670
671590.76	4103676.18	2.03450	671602.62	4103654.22	2.13532

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671614.49	4103632.26	2.22897	671626.36	4103610.31	2.31559
671638.22	4103588.35	2.39559	671650.09	4103566.39	2.46926
671661.96	4103544.43	2.53697	671673.83	4103522.48	2.59902
671685.69	4103500.52	2.65613	671697.56	4103478.56	2.70865
671709.43	4103456.61	2.75725	671721.30	4103434.65	2.80239
671733.16	4103412.69	2.84414	671745.03	4103390.73	2.88265
671756.90	4103368.78	2.91804	671768.77	4103346.82	2.94996
671780.63	4103324.86	2.97925	671792.50	4103302.90	3.00477
671804.37	4103280.95	3.02697	671816.23	4103258.99	3.04819
671828.10	4103237.03	3.06791	671839.97	4103215.08	3.08617
671851.84	4103193.12	3.10311	671863.70	4103171.16	3.12019
671875.57	4103149.20	3.13617	671887.44	4103127.25	3.15127
671899.31	4103105.29	3.16503	671911.17	4103083.33	3.17746
671923.04	4103061.38	3.18844	671934.91	4103039.42	3.19861
671946.77	4103017.46	3.20782	671958.64	4102995.50	3.21606
671970.51	4102973.55	3.22350	671982.38	4102951.59	3.23054
671994.24	4102929.63	3.23732	672006.11	4102907.68	3.24364
672017.98	4102885.72	3.24963	672029.85	4102863.76	3.25517
672041.71	4102841.80	3.26032	672053.58	4102819.85	3.26641
672065.45	4102797.89	3.27254	672077.32	4102775.93	3.28032
672089.18	4102753.97	3.28748	672101.05	4102732.02	3.29314
672112.92	4102710.06	3.31051	672124.78	4102688.10	3.33805
672136.65	4102666.15	3.34077	672148.52	4102644.19	3.32904
672160.39	4102622.23	3.32339	672172.25	4102600.27	3.32170
672184.12	4102578.32	3.31511	672195.99	4102556.36	3.30603
672207.86	4102534.40	3.29495	672219.72	4102512.45	3.28246
672231.59	4102490.49	3.26806	672243.46	4102468.53	3.25202
672255.32	4102446.57	3.23555	672267.19	4102424.62	3.21760
672279.06	4102402.66	3.19605	672290.93	4102380.70	3.16876
672302.79	4102358.75	3.13486	672314.66	4102336.79	3.09353
672326.53	4102314.83	3.04379	672338.40	4102292.87	2.98424
672350.26	4102270.92	2.91403	672362.13	4102248.96	2.83373
672374.00	4102227.00	2.74429	672385.87	4102205.05	2.64692
672397.73	4102183.09	2.54387	672409.60	4102161.13	2.44238
671380.15	4104154.31	0.27596	671362.91	4104169.53	0.26574
671345.67	4104184.75	0.25633	671328.42	4104199.97	0.24764
671311.18	4104215.18	0.23960	671270.94	4104230.83	0.23234
671247.95	4104231.26	0.23274	671224.96	4104231.69	0.23343
671201.96	4104232.12	0.23447	671178.97	4104232.55	0.23592
671397.40	4104139.09	0.28713	671409.26	4104117.14	0.30482

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671421.13	4104095.18	0.32513	671433.00	4104073.22	0.34878
671444.87	4104051.27	0.37669	671456.73	4104029.31	0.41000
671468.60	4104007.35	0.44991	671480.47	4103985.39	0.49770
671492.33	4103963.44	0.55450	671504.20	4103941.48	0.62125
671516.07	4103919.52	0.69833	671527.94	4103897.57	0.78549
671539.80	4103875.61	0.88193	671551.67	4103853.65	0.98580
671563.54	4103831.69	1.09473	671575.41	4103809.74	1.20624
671587.27	4103787.78	1.31816	671599.14	4103765.82	1.42827
671611.01	4103743.86	1.53516	671622.87	4103721.91	1.63784
671634.74	4103699.95	1.73583	671646.61	4103677.99	1.82881
671658.48	4103656.04	1.91646	671670.34	4103634.08	1.99874
671682.21	4103612.12	2.07565	671694.08	4103590.16	2.14760
671705.95	4103568.21	2.21456	671717.81	4103546.25	2.27677
671729.68	4103524.29	2.33419	671741.55	4103502.34	2.38757
671753.42	4103480.38	2.43751	671765.28	4103458.42	2.48445
671777.15	4103436.46	2.52853	671789.02	4103414.51	2.57105
671800.88	4103392.55	2.61044	671812.75	4103370.59	2.64567
671824.62	4103348.64	2.67753	671836.49	4103326.68	2.70602
671848.35	4103304.72	2.73192	671860.22	4103282.76	2.75474
671872.09	4103260.81	2.77649	671883.96	4103238.85	2.79638
671895.82	4103216.89	2.81511	671907.69	4103194.94	2.83274
671919.56	4103172.98	2.84961	671931.42	4103151.02	2.86577
671943.29	4103129.06	2.88118	671955.16	4103107.11	2.89549
671967.03	4103085.15	2.90889	671978.89	4103063.19	2.92089
671990.76	4103041.23	2.93192	672002.63	4103019.28	2.94210
672014.50	4102997.32	2.95165	672026.36	4102975.36	2.96079
672038.23	4102953.41	2.96943	672050.10	4102931.45	2.97752
672061.97	4102909.49	2.98519	672073.83	4102887.53	2.99232
672085.70	4102865.58	2.99860	672097.57	4102843.62	3.00460
672109.43	4102821.66	3.01262	672121.30	4102799.71	3.02392
672133.17	4102777.75	3.03903	672145.04	4102755.79	3.06186
672156.90	4102733.83	3.10016	672168.77	4102711.88	3.09671
672180.64	4102689.92	3.09464	672192.51	4102667.96	3.07895
672204.37	4102646.01	3.06642	672216.24	4102624.05	3.06460
672228.11	4102602.09	3.06125	672239.97	4102580.13	3.05546
672251.84	4102558.18	3.04745	672263.71	4102536.22	3.03836
672275.58	4102514.26	3.02800	672287.44	4102492.31	3.01689
672299.31	4102470.35	3.00464	672311.18	4102448.39	2.99036
672323.05	4102426.43	2.97171	672334.91	4102404.48	2.94992
672346.78	4102382.52	2.92264	672358.65	4102360.56	2.89003

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672370.52	4102338.60	2.85165	672382.38	4102316.65	2.80651
672394.25	4102294.69	2.75277	672406.12	4102272.73	2.69047
672417.98	4102250.78	2.62055	672429.85	4102228.82	2.54430
672441.72	4102206.86	2.46387	672453.59	4102184.90	2.37971
671422.91	4104179.17	0.26055	671404.43	4104195.48	0.25071
671385.96	4104211.78	0.24172	671367.48	4104228.09	0.23342
671349.01	4104244.39	0.22579	671330.54	4104260.70	0.21896
671287.42	4104277.46	0.21215	671262.79	4104277.92	0.21203
671238.15	4104278.38	0.21235	671213.52	4104278.84	0.21317
671188.88	4104279.30	0.21443	671164.24	4104279.76	0.21610
671441.38	4104162.87	0.27135	671453.25	4104140.91	0.28730
671465.12	4104118.95	0.30550	671476.98	4104097.00	0.32650
671488.85	4104075.04	0.35103	671500.72	4104053.08	0.37987
671512.59	4104031.12	0.41390	671524.45	4104009.17	0.45396
671536.32	4103987.21	0.50092	671548.19	4103965.25	0.55541
671560.06	4103943.30	0.61780	671571.92	4103921.34	0.68818
671583.79	4103899.38	0.76606	671595.66	4103877.42	0.85059
671607.52	4103855.47	0.94040	671619.39	4103833.51	1.03378
671631.26	4103811.55	1.12888	671643.13	4103789.60	1.22398
671654.99	4103767.64	1.31782	671666.86	4103745.68	1.40929
671678.73	4103723.72	1.49771	671690.60	4103701.77	1.58255
671702.46	4103679.81	1.66357	671714.33	4103657.85	1.74051
671726.20	4103635.90	1.81336	671738.07	4103613.94	1.88226
671749.93	4103591.98	1.94716	671761.80	4103570.02	2.00807
671773.67	4103548.07	2.06514	671785.53	4103526.11	2.11858
671797.40	4103504.15	2.16859	671809.27	4103482.20	2.21508
671821.14	4103460.24	2.25849	671833.00	4103438.28	2.30234
671844.87	4103416.32	2.34816	671856.74	4103394.37	2.38569
671868.61	4103372.41	2.42003	671880.47	4103350.45	2.45115
671892.34	4103328.49	2.47945	671904.21	4103306.54	2.50545
671916.07	4103284.58	2.52841	671927.94	4103262.62	2.54924
671939.81	4103240.67	2.56910	671951.68	4103218.71	2.58767
671963.54	4103196.75	2.60567	671975.41	4103174.79	2.62270
671987.28	4103152.84	2.63930	671999.15	4103130.88	2.65472
672011.01	4103108.92	2.66968	672022.88	4103086.97	2.68331
672034.75	4103065.01	2.69573	672046.62	4103043.05	2.70726
672058.48	4103021.09	2.71822	672070.35	4102999.14	2.72873
672082.22	4102977.18	2.73895	672094.08	4102955.22	2.74881
672105.95	4102933.27	2.75787	672117.82	4102911.31	2.76621
672129.69	4102889.35	2.77385	672141.55	4102867.39	2.78096

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672153.42	4102845.44	2.78772	672165.29	4102823.48	2.79732
672177.16	4102801.52	2.81183	672189.02	4102779.56	2.82388
672200.89	4102757.61	2.82838	672212.76	4102735.65	2.83506
672224.62	4102713.69	2.84129	672236.49	4102691.74	2.84548
672248.36	4102669.78	2.84435	672260.23	4102647.82	2.84355
672272.09	4102625.86	2.84273	672283.96	4102603.91	2.84004
672295.83	4102581.95	2.83573	672307.70	4102559.99	2.83028
672319.56	4102538.04	2.82356	672331.43	4102516.08	2.81561
672343.30	4102494.12	2.80614	672355.17	4102472.16	2.79460
672367.03	4102450.21	2.78068	672378.90	4102428.25	2.76228
672390.77	4102406.29	2.73874	672402.63	4102384.34	2.71147
672414.50	4102362.38	2.68066	672426.37	4102340.42	2.64704
672438.24	4102318.46	2.60735	672450.10	4102296.51	2.55969
672461.97	4102274.55	2.50478	672473.84	4102252.59	2.44632
672485.71	4102230.64	2.37827	672497.57	4102208.68	2.31426
671497.45	4104217.71	0.24079	671480.21	4104232.93	0.23277
671462.96	4104248.14	0.22533	671445.72	4104263.36	0.21835
671428.48	4104278.58	0.21180	671411.24	4104293.80	0.20565
671393.99	4104309.02	0.19986	671376.75	4104324.23	0.19442
671359.51	4104339.45	0.18930	671319.27	4104355.10	0.18472
671296.28	4104355.53	0.18499	671273.28	4104355.96	0.18536
671250.29	4104356.39	0.18598	671227.29	4104356.82	0.18654
671204.30	4104357.25	0.18738	671181.31	4104357.68	0.18841
671158.31	4104358.11	0.18960	671135.32	4104358.54	0.19091
671514.69	4104202.49	0.24948	671526.56	4104180.53	0.26268
671538.43	4104158.58	0.27762	671550.30	4104136.62	0.29515
671562.16	4104114.66	0.31528	671574.03	4104092.70	0.33851
671585.90	4104070.75	0.36534	671597.76	4104048.79	0.39630
671609.63	4104026.83	0.43188	671621.50	4104004.88	0.47247
671633.37	4103982.92	0.51842	671645.23	4103960.96	0.56985
671657.10	4103939.00	0.62669	671668.97	4103917.05	0.68861
671680.84	4103895.09	0.75508	671692.70	4103873.13	0.82525
671704.57	4103851.18	0.89820	671716.44	4103829.22	0.97285
671728.31	4103807.26	1.04806	671740.17	4103785.30	1.12293
671752.04	4103763.35	1.19667	671763.91	4103741.39	1.26875
671775.77	4103719.43	1.33878	671787.64	4103697.48	1.40639
671799.51	4103675.52	1.47149	671811.38	4103653.56	1.53394
671823.24	4103631.60	1.59371	671835.11	4103609.65	1.65074
671846.98	4103587.69	1.70508	671858.85	4103565.73	1.75672
671870.71	4103543.77	1.80574	671882.58	4103521.82	1.85208

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671894.45	4103499.86	1.89589	671906.31	4103477.90	1.93733
671918.18	4103455.95	1.98640	671930.05	4103433.99	2.02865
671941.92	4103412.03	2.06542	671953.78	4103390.07	2.09998
671965.65	4103368.12	2.13224	671977.52	4103346.16	2.16234
671989.39	4103324.20	2.19003	672001.25	4103302.25	2.21480
672013.12	4103280.29	2.23589	672024.99	4103258.33	2.25358
672036.85	4103236.37	2.26925	672048.72	4103214.42	2.28638
672060.59	4103192.46	2.30417	672072.46	4103170.50	2.32081
672084.32	4103148.55	2.33652	672096.19	4103126.59	2.35152
672108.06	4103104.63	2.36560	672119.93	4103082.67	2.37839
672131.79	4103060.72	2.39118	672143.66	4103038.76	2.40400
672155.53	4103016.80	2.41640	672167.40	4102994.85	2.42824
672179.26	4102972.89	2.43952	672191.13	4102950.93	2.44999
672203.00	4102928.97	2.45971	672214.86	4102907.02	2.46876
672226.73	4102885.06	2.47710	672238.60	4102863.10	2.48472
672250.47	4102841.14	2.49298	672262.33	4102819.19	2.50174
672274.20	4102797.23	2.51063	672286.07	4102775.27	2.51931
672297.94	4102753.32	2.52693	672309.80	4102731.36	2.53349
672321.67	4102709.40	2.53829	672333.54	4102687.44	2.54105
672345.40	4102665.49	2.54209	672357.27	4102643.53	2.54223
672369.14	4102621.57	2.54146	672381.01	4102599.62	2.53964
672392.87	4102577.66	2.53655	672404.74	4102555.70	2.53214
672416.61	4102533.74	2.52591	672428.48	4102511.79	2.51772
672440.34	4102489.83	2.50670	672452.21	4102467.87	2.49266
672464.08	4102445.92	2.47573	672475.95	4102423.96	2.45672
672487.81	4102402.00	2.43601	672499.68	4102380.04	2.41183
672511.55	4102358.09	2.38515	672523.41	4102336.13	2.35320
672535.28	4102314.17	2.31307	672547.15	4102292.22	2.26845
672559.02	4102270.26	2.24207	672570.88	4102248.30	2.27055
671570.04	4104257.97	0.22227	671552.08	4104273.82	0.21504
671534.12	4104289.67	0.20818	671516.16	4104305.52	0.20176
671498.20	4104321.37	0.19571	671480.24	4104337.22	0.18997
671462.27	4104353.08	0.18456	671444.31	4104368.93	0.17950
671426.35	4104384.78	0.17481	671408.39	4104400.63	0.17066
671390.43	4104416.48	0.16685	671348.52	4104432.78	0.16375
671324.56	4104433.23	0.16437	671300.61	4104433.68	0.16453
671276.66	4104434.13	0.16469	671252.71	4104434.57	0.16504
671228.76	4104435.02	0.16552	671204.80	4104435.47	0.16628
671180.85	4104435.92	0.16727	671156.90	4104436.36	0.16848
671132.95	4104436.81	0.16992	671109.00	4104437.26	0.17156

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671588.00	4104242.11	0.22973	671599.87	4104220.16	0.24130
671611.74	4104198.20	0.25447	671623.61	4104176.24	0.26933
671635.47	4104154.28	0.28619	671647.34	4104132.33	0.30535
671659.21	4104110.37	0.32714	671671.08	4104088.41	0.35189
671682.94	4104066.46	0.37991	671694.81	4104044.50	0.41148
671706.68	4104022.54	0.44678	671718.54	4104000.58	0.48600
671730.41	4103978.63	0.52920	671742.28	4103956.67	0.57632
671754.15	4103934.71	0.62713	671766.01	4103912.76	0.68122
671777.88	4103890.80	0.73809	671789.75	4103868.84	0.79714
671801.62	4103846.88	0.85759	671813.48	4103824.93	0.91875
671825.35	4103802.97	0.98004	671837.22	4103781.01	1.04086
671849.09	4103759.06	1.10074	671860.95	4103737.10	1.15941
671872.82	4103715.14	1.21659	671884.69	4103693.18	1.27212
671896.55	4103671.23	1.32587	671908.42	4103649.27	1.37782
671920.29	4103627.31	1.42793	671932.16	4103605.35	1.47614
671944.02	4103583.40	1.52240	671955.89	4103561.44	1.56677
671967.76	4103539.48	1.60918	671979.63	4103517.53	1.64967
671991.49	4103495.57	1.68854	672003.36	4103473.61	1.73293
672015.23	4103451.65	1.77499	672027.09	4103429.70	1.81153
672038.96	4103407.74	1.84646	672050.83	4103385.78	1.88011
672062.70	4103363.83	1.91176	672074.56	4103341.87	1.94129
672086.43	4103319.91	1.96999	672098.30	4103297.95	1.99126
672110.17	4103276.00	2.00739	672122.03	4103254.04	2.02502
672133.90	4103232.08	2.03934	672145.77	4103210.13	2.04967
672157.64	4103188.17	2.06584	672169.50	4103166.21	2.08189
672181.37	4103144.25	2.09694	672193.24	4103122.30	2.11104
672205.10	4103100.34	2.12529	672216.97	4103078.38	2.13870
672228.84	4103056.43	2.15242	672240.71	4103034.47	2.16548
672252.57	4103012.51	2.17806	672264.44	4102990.55	2.18999
672276.31	4102968.60	2.20123	672288.18	4102946.64	2.21183
672300.04	4102924.68	2.22193	672311.91	4102902.72	2.23132
672323.78	4102880.77	2.23998	672335.64	4102858.81	2.24841
672347.51	4102836.85	2.25639	672359.38	4102814.90	2.26374
672371.25	4102792.94	2.27099	672383.11	4102770.98	2.27824
672394.98	4102749.02	2.28456	672406.85	4102727.07	2.28963
672418.72	4102705.11	2.29399	672430.58	4102683.15	2.29735
672442.45	4102661.20	2.29859	672454.32	4102639.24	2.29912
672466.18	4102617.28	2.29859	672478.05	4102595.32	2.29665
672489.92	4102573.37	2.29340	672501.79	4102551.41	2.28872
672513.65	4102529.45	2.28189	672525.52	4102507.50	2.27268

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672537.39	4102485.54	2.26109	672549.26	4102463.58	2.24688
672561.12	4102441.62	2.23055	672572.99	4102419.67	2.21805
672584.86	4102397.71	2.20962	672596.73	4102375.75	2.19830
672608.59	4102353.79	2.19218	672620.46	4102331.84	2.19572
672632.33	4102309.88	2.24117	672644.19	4102287.92	2.31624
671642.84	4104298.04	0.20603	671624.37	4104314.35	0.19938
671605.89	4104330.65	0.19320	671587.42	4104346.96	0.18740
671568.94	4104363.26	0.18193	671550.47	4104379.56	0.17675
671531.99	4104395.87	0.17183	671513.52	4104412.17	0.16716
671495.04	4104428.48	0.16273	671476.57	4104444.78	0.15855
671458.09	4104461.09	0.15470	671439.62	4104477.39	0.15106
671421.15	4104493.70	0.14762	671378.03	4104510.46	0.14456
671353.40	4104510.92	0.14495	671328.76	4104511.38	0.14541
671304.13	4104511.84	0.14617	671279.49	4104512.30	0.14753
671254.85	4104512.77	0.14813	671230.22	4104513.23	0.14831
671205.58	4104513.69	0.14943	671180.94	4104514.15	0.15046
671156.31	4104514.61	0.15145	671131.67	4104515.07	0.15260
671107.04	4104515.53	0.15393	671082.40	4104515.99	0.15560
671661.32	4104281.74	0.21322	671673.18	4104259.78	0.22349
671685.05	4104237.82	0.23493	671696.92	4104215.86	0.24772
671708.78	4104193.91	0.26206	671720.65	4104171.95	0.27818
671732.52	4104149.99	0.29629	671744.39	4104128.04	0.31728
671756.25	4104106.08	0.34058	671768.12	4104084.12	0.36583
671779.99	4104062.16	0.39386	671791.86	4104040.21	0.42484
671803.72	4104018.25	0.45881	671815.59	4103996.29	0.49573
671827.46	4103974.34	0.53552	671839.32	4103952.38	0.57807
671851.19	4103930.42	0.62307	671863.06	4103908.46	0.67016
671874.93	4103886.51	0.71895	671886.79	4103864.55	0.76902
671898.66	4103842.59	0.81991	671910.53	4103820.64	0.87108
671922.40	4103798.68	0.92217	671934.26	4103776.72	0.97280
671946.13	4103754.76	1.02270	671958.00	4103732.81	1.07160
671969.87	4103710.85	1.11943	671981.73	4103688.89	1.16604
671993.60	4103666.93	1.21136	672005.47	4103644.98	1.25536
672017.33	4103623.02	1.29801	672029.20	4103601.06	1.33925
672041.07	4103579.11	1.37910	672052.94	4103557.15	1.41753
672064.80	4103535.19	1.45453	672076.67	4103513.23	1.49004
672088.54	4103491.28	1.52402	672100.41	4103469.32	1.55789
672112.27	4103447.36	1.59418	672124.14	4103425.41	1.63078
672136.01	4103403.45	1.66420	672147.87	4103381.49	1.69757
672159.74	4103359.53	1.72835	672171.61	4103337.58	1.75324

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672183.48	4103315.62	1.78027	672195.34	4103293.66	1.80614
672207.21	4103271.71	1.83353	672219.08	4103249.75	1.85834
672230.95	4103227.79	1.87020	672242.81	4103205.83	1.87108
672254.68	4103183.88	1.87214	672266.55	4103161.92	1.88716
672278.42	4103139.96	1.90263	672290.28	4103118.00	1.91725
672302.15	4103096.05	1.93193	672314.02	4103074.09	1.94574
672325.88	4103052.13	1.95874	672337.75	4103030.18	1.97116
672349.62	4103008.22	1.98318	672361.49	4102986.26	1.99460
672373.35	4102964.30	2.00539	672385.22	4102942.35	2.01554
672397.09	4102920.39	2.02528	672408.96	4102898.43	2.03443
672420.82	4102876.48	2.04274	672432.69	4102854.52	2.05051
672444.56	4102832.56	2.05779	672456.42	4102810.60	2.06477
672468.29	4102788.65	2.07187	672480.16	4102766.69	2.07823
672492.03	4102744.73	2.08385	672503.89	4102722.78	2.08889
672515.76	4102700.82	2.09286	672527.63	4102678.86	2.09563
672539.50	4102656.90	2.09708	672551.36	4102634.95	2.09706
672563.23	4102612.99	2.09598	672575.10	4102591.03	2.09394
672586.97	4102569.08	2.09093	672598.83	4102547.12	2.08620
672610.70	4102525.16	2.07932	672622.57	4102503.20	2.07056
672634.43	4102481.25	2.05963	672646.30	4102459.29	2.05003
672658.17	4102437.33	2.04261	672670.04	4102415.37	2.03712
672681.90	4102393.42	2.03054	672693.77	4102371.46	2.02698
672705.64	4102349.50	2.03841	672717.51	4102327.55	2.10668
671862.77	4104416.91	0.17078	671844.30	4104433.21	0.16593
671825.82	4104449.52	0.16139	671807.35	4104465.82	0.15713
671788.88	4104482.13	0.15311	671770.40	4104498.43	0.14929
671751.93	4104514.74	0.14565	671733.45	4104531.04	0.14216
671714.98	4104547.35	0.13879	671696.50	4104563.65	0.13555
671678.03	4104579.96	0.13243	671659.55	4104596.26	0.12942
671641.08	4104612.57	0.12653	671622.60	4104628.87	0.12390
671604.13	4104645.18	0.12139	671585.65	4104661.48	0.11900
671567.18	4104677.79	0.11669	671548.71	4104694.09	0.11448
671530.23	4104710.40	0.11235	671511.76	4104726.70	0.11033
671468.65	4104743.47	0.10840	671444.01	4104743.93	0.10843
671419.37	4104744.39	0.10852	671394.74	4104744.85	0.10865
671370.10	4104745.31	0.10884	671345.46	4104745.77	0.10906
671320.83	4104746.23	0.10935	671296.19	4104746.69	0.10969
671271.55	4104747.15	0.11016	671246.92	4104747.61	0.11069
671222.28	4104748.07	0.11129	671197.65	4104748.53	0.11197
671173.01	4104748.99	0.11270	671148.37	4104749.45	0.11349

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671123.74	4104749.91	0.11435	671099.10	4104750.37	0.11534
671074.46	4104750.83	0.11644	671049.83	4104751.29	0.11764
671025.19	4104751.75	0.11889	671000.56	4104752.21	0.12024
671881.25	4104400.60	0.17599	671893.12	4104378.65	0.18326
671904.98	4104356.69	0.19120	671916.85	4104334.73	0.19989
671928.72	4104312.78	0.20941	671940.58	4104290.82	0.21984
671952.45	4104268.86	0.23124	671964.32	4104246.90	0.24371
671976.19	4104224.95	0.25732	671988.05	4104202.99	0.27214
671999.92	4104181.03	0.28826	672011.79	4104159.07	0.30574
672023.66	4104137.12	0.32461	672035.52	4104115.16	0.34495
672047.39	4104093.20	0.36678	672059.26	4104071.25	0.39008
672071.12	4104049.29	0.41488	672082.99	4104027.33	0.44110
672094.86	4104005.37	0.46869	672106.73	4103983.42	0.49751
672118.59	4103961.46	0.52747	672130.46	4103939.50	0.55840
672142.33	4103917.55	0.59010	672154.20	4103895.59	0.62241
672166.06	4103873.63	0.65512	672177.93	4103851.67	0.68806
672189.80	4103829.72	0.72102	672201.67	4103807.76	0.75392
672213.53	4103785.80	0.78738	672225.40	4103763.85	0.82156
672237.27	4103741.89	0.85457	672249.13	4103719.93	0.88610
672261.00	4103697.97	0.91679	672272.87	4103676.02	0.94682
672284.74	4103654.06	0.97633	672296.60	4103632.10	1.00514
672308.47	4103610.15	1.03330	672320.34	4103588.19	1.06086
672332.21	4103566.23	1.08789	672344.07	4103544.27	1.12034
672355.94	4103522.32	1.15438	672367.81	4103500.36	1.18268
672379.67	4103478.40	1.20977	672391.54	4103456.44	1.23627
672403.41	4103434.49	1.26188	672415.28	4103412.53	1.28730
672427.14	4103390.57	1.31242	672439.01	4103368.62	1.33739
672450.88	4103346.66	1.35926	672462.75	4103324.70	1.38015
672474.61	4103302.74	1.39787	672486.48	4103280.79	1.41182
672498.35	4103258.83	1.42389	672510.22	4103236.87	1.43733
672522.08	4103214.92	1.45330	672533.95	4103192.96	1.46785
672545.82	4103171.00	1.48106	672557.68	4103149.04	1.49178
672569.55	4103127.09	1.50281	672581.42	4103105.13	1.51396
672593.29	4103083.17	1.52498	672605.15	4103061.22	1.53563
672617.02	4103039.26	1.54576	672628.89	4103017.30	1.55574
672640.76	4102995.34	1.56558	672652.62	4102973.39	1.57552
672664.49	4102951.43	1.58520	672676.36	4102929.47	1.59482
672688.22	4102907.52	1.60365	672700.09	4102885.56	1.61203
672711.96	4102863.60	1.62016	672723.83	4102841.64	1.62682
672735.69	4102819.69	1.63242	672747.56	4102797.73	1.63739

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672759.43	4102775.77	1.64194	672771.30	4102753.81	1.64553
672783.16	4102731.86	1.64803	672795.03	4102709.90	1.64949
672806.90	4102687.94	1.65781	672818.77	4102665.99	1.67102
672830.63	4102644.03	1.67615	672842.50	4102622.07	1.67499
672854.37	4102600.11	1.67243	672866.23	4102578.16	1.66820
672878.10	4102556.20	1.66418	672889.97	4102534.24	1.66123
672901.84	4102512.29	1.65686	672913.70	4102490.33	1.65191
672925.57	4102468.37	1.64603	672937.44	4102446.41	1.64230
672082.71	4104535.78	0.14614	672064.23	4104552.08	0.14237
672045.76	4104568.39	0.13884	672027.28	4104584.69	0.13551
672008.81	4104601.00	0.13237	671990.33	4104617.30	0.12939
671971.86	4104633.61	0.12656	671953.38	4104649.91	0.12385
671934.91	4104666.22	0.12125	671916.43	4104682.52	0.11874
671897.96	4104698.82	0.11630	671879.49	4104715.13	0.11393
671861.01	4104731.43	0.11163	671842.54	4104747.74	0.10938
671824.06	4104764.04	0.10720	671805.59	4104780.35	0.10521
671787.11	4104796.65	0.10330	671768.64	4104812.96	0.10144
671750.16	4104829.26	0.09964	671731.69	4104845.57	0.09787
671713.21	4104861.87	0.09617	671694.74	4104878.18	0.09457
671676.26	4104894.48	0.09308	671657.79	4104910.79	0.09168
671639.32	4104927.09	0.09031	671620.84	4104943.40	0.08892
671602.37	4104959.70	0.08753	671559.26	4104976.47	0.08633
671534.62	4104976.93	0.08704	671509.98	4104977.39	0.08752
671485.35	4104977.85	0.08765	671460.71	4104978.31	0.08776
671436.07	4104978.77	0.08789	671411.44	4104979.23	0.08803
671386.80	4104979.69	0.08819	671362.17	4104980.15	0.08835
671337.53	4104980.61	0.08852	671312.89	4104981.07	0.08868
671288.26	4104981.53	0.08886	671263.62	4104981.99	0.08906
671238.98	4104982.45	0.08932	671214.35	4104982.91	0.08964
671189.71	4104983.37	0.08994	671165.08	4104983.83	0.09033
671140.44	4104984.29	0.09079	671115.80	4104984.75	0.09131
671091.17	4104985.21	0.09189	671066.53	4104985.67	0.09255
671041.89	4104986.13	0.09323	671017.26	4104986.59	0.09413
670992.62	4104987.05	0.09573	670967.99	4104987.51	0.09764
670943.35	4104987.97	0.10008	670918.71	4104988.43	0.10352
672101.18	4104519.47	0.15015	672113.05	4104497.51	0.15561
672124.92	4104475.56	0.16151	672136.78	4104453.60	0.16786
672148.65	4104431.64	0.17471	672160.52	4104409.69	0.18209
672172.38	4104387.73	0.19004	672184.25	4104365.77	0.19859
672196.12	4104343.81	0.20778	672207.99	4104321.86	0.21764

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672219.85	4104299.90	0.22821	672231.72	4104277.94	0.23952
672243.59	4104255.99	0.25160	672255.46	4104234.03	0.26449
672267.32	4104212.07	0.27820	672279.19	4104190.11	0.29276
672291.06	4104168.16	0.30817	672302.92	4104146.20	0.32445
672314.79	4104124.24	0.34159	672326.66	4104102.29	0.35958
672338.53	4104080.33	0.37839	672350.39	4104058.37	0.39798
672362.26	4104036.41	0.41830	672374.13	4104014.46	0.43928
672386.00	4103992.50	0.46086	672397.86	4103970.54	0.48296
672409.73	4103948.59	0.50547	672421.60	4103926.63	0.52832
672433.47	4103904.67	0.55142	672445.33	4103882.71	0.57467
672457.20	4103860.76	0.59796	672469.07	4103838.80	0.62124
672480.93	4103816.84	0.64443	672492.80	4103794.88	0.66746
672504.67	4103772.93	0.69026	672516.54	4103750.97	0.71282
672528.40	4103729.01	0.73508	672540.27	4103707.06	0.75701
672552.14	4103685.10	0.77860	672564.01	4103663.14	0.79988
672575.87	4103641.18	0.82194	672587.74	4103619.23	0.84377
672599.61	4103597.27	0.86589	672611.47	4103575.31	0.88791
672623.34	4103553.36	0.90912	672635.21	4103531.40	0.93208
672647.08	4103509.44	0.95521	672658.94	4103487.48	0.97638
672670.81	4103465.53	0.99645	672682.68	4103443.57	1.01588
672694.55	4103421.61	1.03486	672706.41	4103399.66	1.05298
672718.28	4103377.70	1.07122	672730.15	4103355.74	1.08997
672742.02	4103333.78	1.10701	672753.88	4103311.83	1.12206
672765.75	4103289.87	1.13628	672777.62	4103267.91	1.14988
672789.48	4103245.96	1.16271	672801.35	4103224.00	1.17421
672813.22	4103202.04	1.18664	672825.09	4103180.08	1.19973
672836.95	4103158.13	1.21120	672848.82	4103136.17	1.22209
672860.69	4103114.21	1.23236	672872.56	4103092.25	1.24190
672884.42	4103070.30	1.25096	672896.29	4103048.34	1.25963
672908.16	4103026.38	1.26781	672920.02	4103004.43	1.27583
672931.89	4102982.47	1.28983	672943.76	4102960.51	1.30524
672955.63	4102938.55	1.31833	672967.49	4102916.60	1.32708
672979.36	4102894.64	1.33437	672991.23	4102872.68	1.34039
673003.10	4102850.73	1.34622	673014.96	4102828.77	1.35173
673026.83	4102806.81	1.35716	673038.70	4102784.85	1.36219
673050.57	4102762.90	1.36613	673062.43	4102740.94	1.36953
673074.30	4102718.98	1.37082	673086.17	4102697.03	1.37048
673098.03	4102675.07	1.37027	673109.90	4102653.11	1.36929
673121.77	4102631.15	1.36747	673133.64	4102609.20	1.36469
673145.50	4102587.24	1.35963	673157.37	4102565.28	1.35232

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672522.57	4104773.51	0.11388	672504.10	4104789.82	0.11143
672485.62	4104806.12	0.10909	672467.15	4104822.43	0.10686
672448.67	4104838.73	0.10472	672430.20	4104855.04	0.10269
672411.72	4104871.34	0.10074	672393.25	4104887.65	0.09888
672374.77	4104903.95	0.09709	672356.30	4104920.26	0.09537
672337.83	4104936.56	0.09372	672319.35	4104952.87	0.09212
672300.88	4104969.17	0.09058	672282.40	4104985.48	0.08907
672263.93	4105001.78	0.08761	672245.45	4105018.08	0.08617
672226.98	4105034.39	0.08477	672208.50	4105050.69	0.08338
672190.03	4105067.00	0.08202	672171.55	4105083.30	0.08069
672153.08	4105099.61	0.07937	672134.60	4105115.91	0.07808
672116.13	4105132.22	0.07681	672097.66	4105148.52	0.07565
672079.18	4105164.83	0.07454	672060.71	4105181.13	0.07347
672042.23	4105197.44	0.07240	672023.76	4105213.74	0.07135
672005.28	4105230.05	0.07031	671986.81	4105246.35	0.06931
671968.33	4105262.66	0.06833	671949.86	4105278.96	0.06739
671931.38	4105295.27	0.06649	671912.91	4105311.57	0.06562
671894.43	4105327.88	0.06478	671875.96	4105344.18	0.06397
671857.49	4105360.49	0.06318	671839.01	4105376.79	0.06241
671820.54	4105393.10	0.06168	671802.06	4105409.40	0.06100
671783.59	4105425.70	0.06072	671740.48	4105442.47	0.06097
671715.84	4105442.93	0.06150	671691.20	4105443.39	0.06174
671666.57	4105443.85	0.06159	671641.93	4105444.31	0.06089
671617.30	4105444.77	0.06041	671592.66	4105445.23	0.06031
671568.02	4105445.69	0.06033	671543.39	4105446.15	0.06040
671518.75	4105446.61	0.06043	671494.11	4105447.07	0.06039
671469.48	4105447.53	0.06037	671444.84	4105447.99	0.06040
671420.20	4105448.45	0.06064	671395.57	4105448.91	0.06126
671370.93	4105449.37	0.06207	671346.30	4105449.83	0.06277
671321.66	4105450.30	0.06349	671297.02	4105450.76	0.06419
671272.39	4105451.22	0.06473	671247.75	4105451.68	0.06505
671223.11	4105452.14	0.06530	671198.48	4105452.60	0.06513
671173.84	4105453.06	0.06428	671149.21	4105453.52	0.06414
671124.57	4105453.98	0.06417	671099.93	4105454.44	0.06428
671075.30	4105454.90	0.06448	671050.66	4105455.36	0.06473
671026.02	4105455.82	0.06502	671001.39	4105456.28	0.06534
670976.75	4105456.74	0.06569	670952.12	4105457.20	0.06607
670927.48	4105457.66	0.06648	670902.84	4105458.12	0.06693
670878.21	4105458.58	0.06741	670853.57	4105459.04	0.06800
670828.93	4105459.50	0.06888	670804.30	4105459.96	0.06978

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
670779.66	4105460.42	0.07058	670755.03	4105460.88	0.07171
672541.05	4104757.21	0.11644	672552.91	4104735.25	0.11985
672564.78	4104713.29	0.12345	672576.65	4104691.34	0.12726
672588.52	4104669.38	0.13129	672600.38	4104647.42	0.13554
672612.25	4104625.47	0.14002	672624.12	4104603.51	0.14476
672635.98	4104581.55	0.14975	672647.85	4104559.59	0.15502
672659.72	4104537.64	0.16056	672671.59	4104515.68	0.16641
672683.45	4104493.72	0.17256	672695.32	4104471.76	0.17903
672707.19	4104449.81	0.18583	672719.06	4104427.85	0.19297
672730.92	4104405.89	0.20046	672742.79	4104383.94	0.20830
672754.66	4104361.98	0.21651	672766.52	4104340.02	0.22509
672778.39	4104318.06	0.23405	672790.26	4104296.11	0.24338
672802.13	4104274.15	0.25311	672813.99	4104252.19	0.26321
672825.86	4104230.24	0.27369	672837.73	4104208.28	0.28454
672849.60	4104186.32	0.29575	672861.46	4104164.36	0.30730
672873.33	4104142.41	0.31917	672885.20	4104120.45	0.33135
672897.07	4104098.49	0.34381	672908.93	4104076.54	0.35652
672920.80	4104054.58	0.36946	672932.67	4104032.62	0.38259
672944.53	4104010.66	0.39589	672956.40	4103988.71	0.40931
672968.27	4103966.75	0.42284	672980.14	4103944.79	0.43644
672992.00	4103922.83	0.45008	673003.87	4103900.88	0.46374
673015.74	4103878.92	0.47819	673027.61	4103856.96	0.49302
673039.47	4103835.01	0.50760	673051.34	4103813.05	0.52147
673063.21	4103791.09	0.53515	673075.07	4103769.13	0.54871
673086.94	4103747.18	0.56209	673098.81	4103725.22	0.57530
673110.68	4103703.26	0.58828	673122.54	4103681.31	0.60113
673134.41	4103659.35	0.61393	673146.28	4103637.39	0.62666
673158.15	4103615.43	0.63923	673170.01	4103593.48	0.65166
673181.88	4103571.52	0.66389	673193.75	4103549.56	0.67586
673205.62	4103527.61	0.68760	673217.48	4103505.65	0.69919
673229.35	4103483.69	0.71063	673241.22	4103461.73	0.72293
673253.08	4103439.78	0.74352	673264.95	4103417.82	0.75660
673276.82	4103395.86	0.76836	673288.69	4103373.91	0.77956
673300.55	4103351.95	0.79010	673312.42	4103329.99	0.79973
673324.29	4103308.03	0.80849	673336.16	4103286.08	0.81708
673348.02	4103264.12	0.82524	673359.89	4103242.16	0.83219
673371.76	4103220.20	0.83957	673383.62	4103198.25	0.84810
673395.49	4103176.29	0.85806	673407.36	4103154.33	0.86792
673419.23	4103132.38	0.87648	673431.09	4103110.42	0.88336
673442.96	4103088.46	0.89071	673454.83	4103066.50	0.89879

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
673466.70	4103044.55	0.90794	673478.56	4103022.59	0.91680
673490.43	4103000.63	0.92379	673502.30	4102978.68	0.93120
673514.17	4102956.72	0.94196	673526.03	4102934.76	0.95421
673537.90	4102912.80	0.96443	673549.77	4102890.85	0.97546
673561.63	4102868.89	0.98365	673573.50	4102846.93	0.99267
673585.37	4102824.98	1.00056	673597.24	4102803.02	1.00186
672962.44	4105011.25	0.09252	672943.96	4105027.55	0.09083
672925.49	4105043.86	0.08920	672907.01	4105060.16	0.08763
672888.54	4105076.47	0.08613	672870.06	4105092.77	0.08469
672851.59	4105109.08	0.08331	672833.11	4105125.38	0.08199
672814.64	4105141.69	0.08072	672796.17	4105157.99	0.07950
672777.69	4105174.30	0.07832	672759.22	4105190.60	0.07719
672740.74	4105206.91	0.07610	672722.27	4105223.21	0.07504
672703.79	4105239.52	0.07402	672685.32	4105255.82	0.07310
672666.84	4105272.13	0.07235	672648.37	4105288.43	0.07172
672629.89	4105304.74	0.07098	672611.42	4105321.04	0.07020
672592.94	4105337.34	0.06948	672574.47	4105353.65	0.06884
672556.00	4105369.95	0.06832	672537.52	4105386.26	0.06798
672519.05	4105402.56	0.06791	672500.57	4105418.87	0.06802
672482.10	4105435.17	0.06842	672463.62	4105451.48	0.06893
672445.15	4105467.78	0.06865	672426.67	4105484.09	0.06818
672408.20	4105500.39	0.06742	672389.72	4105516.70	0.06611
672371.25	4105533.00	0.06528	672352.77	4105549.31	0.06466
672334.30	4105565.61	0.06428	672315.83	4105581.92	0.06386
672297.35	4105598.22	0.06344	672278.88	4105614.53	0.06284
672260.40	4105630.83	0.06214	672241.93	4105647.14	0.06148
672223.45	4105663.44	0.06029	672204.98	4105679.75	0.05758
672186.50	4105696.05	0.05562	672168.03	4105712.36	0.05397
672149.55	4105728.66	0.05260	672131.08	4105744.96	0.05149
672112.61	4105761.27	0.05061	672094.13	4105777.57	0.04986
672075.66	4105793.88	0.04937	672057.18	4105810.18	0.04891
672038.71	4105826.49	0.04853	672020.23	4105842.79	0.04830
672001.76	4105859.10	0.04811	671983.28	4105875.40	0.04792
671964.81	4105891.71	0.04766	671921.70	4105908.47	0.04668
671897.06	4105908.93	0.04606	671872.42	4105909.39	0.04575
671847.79	4105909.85	0.04548	671823.15	4105910.31	0.04527
671798.52	4105910.77	0.04506	671773.88	4105911.23	0.04491
671749.24	4105911.70	0.04478	671724.61	4105912.16	0.04470
671699.97	4105912.62	0.04470	671675.33	4105913.08	0.04495
671650.70	4105913.54	0.04543	671626.06	4105914.00	0.04623

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671601.43	4105914.46	0.04762	671576.79	4105914.92	0.04887
671552.15	4105915.38	0.04935	671527.52	4105915.84	0.04854
671502.88	4105916.30	0.04791	671478.24	4105916.76	0.04772
671453.61	4105917.22	0.04761	671428.97	4105917.68	0.04747
671404.34	4105918.14	0.04738	671379.70	4105918.60	0.04745
671355.06	4105919.06	0.04790	671330.43	4105919.52	0.04869
671305.79	4105919.98	0.04991	671281.15	4105920.44	0.05172
671256.52	4105920.90	0.05265	671231.88	4105921.36	0.05266
671207.25	4105921.82	0.05221	671182.61	4105922.28	0.05185
671157.97	4105922.74	0.05130	671133.34	4105923.20	0.05040
671108.70	4105923.66	0.04957	671084.06	4105924.12	0.04965
671059.43	4105924.58	0.04988	671034.79	4105925.04	0.05007
671010.16	4105925.50	0.05024	670985.52	4105925.96	0.05040
670960.88	4105926.43	0.05057	670936.25	4105926.89	0.05081
670911.61	4105927.35	0.05114	670886.97	4105927.81	0.05173
670862.34	4105928.27	0.05233	670837.70	4105928.73	0.05291
670813.07	4105929.19	0.05379	670788.43	4105929.65	0.05469
670763.79	4105930.11	0.05569	670739.16	4105930.57	0.05735
670714.52	4105931.03	0.05864	670689.88	4105931.49	0.05913
670665.25	4105931.95	0.05879	670640.61	4105932.41	0.05827
670615.98	4105932.87	0.05784	670591.34	4105933.33	0.05794
672980.91	4104994.94	0.09428	672992.78	4104972.99	0.09660
673004.65	4104951.03	0.09903	673016.51	4104929.07	0.10157
673028.38	4104907.12	0.10422	673040.25	4104885.16	0.10700
673052.12	4104863.20	0.10989	673063.98	4104841.24	0.11292
673075.85	4104819.29	0.11608	673087.72	4104797.33	0.11937
673099.58	4104775.37	0.12281	673111.45	4104753.42	0.12640
673123.32	4104731.46	0.13013	673135.19	4104709.50	0.13403
673147.05	4104687.54	0.13808	673158.92	4104665.59	0.14230
673170.79	4104643.63	0.14668	673182.66	4104621.67	0.15125
673194.52	4104599.71	0.15598	673206.39	4104577.76	0.16090
673218.26	4104555.80	0.16601	673230.12	4104533.84	0.17131
673241.99	4104511.89	0.17679	673253.86	4104489.93	0.18248
673265.73	4104467.97	0.18837	673277.59	4104446.01	0.19446
673289.46	4104424.06	0.20074	673301.33	4104402.10	0.20724
673313.20	4104380.14	0.21394	673325.06	4104358.19	0.22084
673336.93	4104336.23	0.22794	673348.80	4104314.27	0.23523
673360.67	4104292.31	0.24289	673372.53	4104270.36	0.25181
673384.40	4104248.40	0.26010	673396.27	4104226.44	0.26760
673408.13	4104204.49	0.27540	673420.00	4104182.53	0.28379

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
673431.87	4104160.57	0.29302	673443.74	4104138.61	0.30277
673455.60	4104116.66	0.31264	673467.47	4104094.70	0.32253
673479.34	4104072.74	0.33125	673491.21	4104050.79	0.33952
673503.07	4104028.83	0.34853	673514.94	4104006.87	0.35802
673526.81	4103984.91	0.36745	673538.67	4103962.96	0.37673
673550.54	4103941.00	0.38630	673562.41	4103919.04	0.39596
673574.28	4103897.08	0.40524	673586.14	4103875.13	0.41444
673598.01	4103853.17	0.42376	673609.88	4103831.21	0.43318
673621.75	4103809.26	0.44260	673633.61	4103787.30	0.45191
673645.48	4103765.34	0.46105	673657.35	4103743.38	0.47009
673669.22	4103721.43	0.47911	673681.08	4103699.47	0.48793
673692.95	4103677.51	0.49630	673704.82	4103655.56	0.50438
673716.68	4103633.60	0.51235	673728.55	4103611.64	0.52044
673740.42	4103589.68	0.52876	673752.29	4103567.73	0.53750
673764.15	4103545.77	0.54670	673776.02	4103523.81	0.55597
673787.89	4103501.86	0.56419	673799.76	4103479.90	0.57190
673811.62	4103457.94	0.57891	673823.49	4103435.98	0.58489
673835.36	4103414.03	0.58988	673847.22	4103392.07	0.59486
673859.09	4103370.11	0.60182	673870.96	4103348.15	0.61032
673882.83	4103326.20	0.61701	673894.69	4103304.24	0.62298
673906.56	4103282.28	0.62841	673918.43	4103260.33	0.63341
673930.30	4103238.37	0.63896	673942.16	4103216.41	0.64486
673954.03	4103194.45	0.65056	673965.90	4103172.50	0.65571
673977.77	4103150.54	0.66036	673989.63	4103128.58	0.66452
674001.50	4103106.63	0.66859	674013.37	4103084.67	0.67236
674025.23	4103062.71	0.67609	674037.10	4103040.75	0.67962
672288.44	4102067.26	2.45776	672266.11	4102056.56	2.46501
672243.78	4102045.86	2.46506	672221.44	4102035.16	2.45813
672199.11	4102024.46	2.44141	672176.77	4102013.76	2.41144
672154.44	4102003.06	2.36445	672132.11	4101992.36	2.30618
672109.77	4101981.65	2.24160	672087.44	4101970.95	2.18166
672065.11	4101960.25	2.13191	672042.77	4101949.55	2.08389
672020.44	4101938.85	2.04181	671998.11	4101928.15	2.01495
671975.77	4101917.45	1.97363	671953.44	4101906.74	1.90183
671931.10	4101896.04	1.65590	671908.77	4101885.34	1.52103
671886.44	4101874.64	1.42380	671864.10	4101863.94	1.32021
671841.77	4101853.24	1.19501	671819.44	4101842.54	1.08146
671797.10	4101831.84	0.92089	671774.77	4101821.13	0.73132
671752.43	4101810.43	0.64497	671730.10	4101799.73	0.58901
671707.77	4101789.03	0.53546	671685.43	4101778.33	0.48917

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671663.10	4101767.63	0.44919	671640.77	4101756.93	0.41453
671618.43	4101746.22	0.38433	672312.22	4102059.54	2.33828
672276.91	4102034.02	2.28528	672254.58	4102023.32	2.27340
672232.24	4102012.62	2.25555	672209.91	4102001.91	2.22998
672187.58	4101991.21	2.19432	672165.24	4101980.51	2.14109
672142.91	4101969.81	2.07664	672120.58	4101959.11	2.01035
672098.24	4101948.41	1.94273	672075.91	4101937.71	1.89383
672053.58	4101927.00	1.85477	672031.24	4101916.30	1.81963
672008.91	4101905.60	1.79994	671986.57	4101894.90	1.76527
671964.24	4101884.20	1.69802	671941.91	4101873.50	1.50181
671919.57	4101862.80	1.38979	671897.24	4101852.10	1.30909
671874.91	4101841.39	1.25356	671852.57	4101830.69	1.14917
671830.24	4101819.99	1.02028	671807.90	4101809.29	0.88136
671785.57	4101798.59	0.70714	671763.24	4101787.89	0.61727
671740.90	4101777.19	0.57011	671718.57	4101766.48	0.52022
671696.24	4101755.78	0.47667	671673.90	4101745.08	0.43873
671651.57	4101734.38	0.40564	672323.02	4102036.99	2.18636
672347.18	4102086.24	2.36756	672287.71	4102011.47	2.11770
672265.38	4102000.77	2.09760	672243.05	4101990.07	2.07166
672220.71	4101979.37	2.03639	672198.38	4101968.67	1.99798
672176.05	4101957.97	1.94095	672153.71	4101947.26	1.87847
672131.38	4101936.56	1.81565	672109.05	4101925.86	1.75045
672086.71	4101915.16	1.69567	672064.38	4101904.46	1.66204
672042.04	4101893.76	1.63484	672019.71	4101883.06	1.61665
671997.38	4101872.35	1.58943	671975.04	4101861.65	1.53155
671952.71	4101850.95	1.42753	671930.38	4101840.25	1.28163
671908.04	4101829.55	1.24890	671885.71	4101818.85	1.16440
671863.38	4101808.15	1.07512	671841.04	4101797.45	0.98199
671818.71	4101786.74	0.84010	671796.37	4101776.04	0.68396
671774.04	4101765.34	0.59721	671751.71	4101754.64	0.55208
671729.37	4101743.94	0.50559	671707.04	4101733.24	0.46459
671684.71	4101722.54	0.42859	671662.37	4101711.83	0.39698
671640.04	4101701.13	0.36918	672333.82	4102014.45	2.04297
672359.77	4102044.08	2.13907	672370.96	4102078.52	2.26251
672298.52	4101988.93	1.96320	672276.18	4101978.23	1.93666
672253.85	4101967.52	1.90787	672231.52	4101956.82	1.86766
672209.18	4101946.12	1.82390	672186.85	4101935.42	1.76486
672164.52	4101924.72	1.70429	672142.18	4101914.02	1.64886
672119.85	4101903.32	1.59110	672097.51	4101892.61	1.53852
672075.18	4101881.91	1.50202	672052.85	4101871.21	1.47742

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672030.51	4101860.51	1.46128	672008.18	4101849.81	1.44056
671985.85	4101839.11	1.39310	671963.51	4101828.41	1.31117
671941.18	4101817.71	1.23043	671918.85	4101807.00	1.15813
671896.51	4101796.30	1.08454	671874.18	4101785.60	1.00764
671851.84	4101774.90	0.92820	671829.51	4101764.20	0.80147
671807.18	4101753.50	0.66226	671784.84	4101742.80	0.57527
671762.51	4101732.09	0.53490	671740.18	4101721.39	0.49156
671717.84	4101710.69	0.45292	671695.51	4101699.99	0.41876
671673.17	4101689.29	0.38858	672358.02	4101972.32	1.79612
672373.59	4101990.10	1.85739	672389.16	4102007.88	1.90866
672404.73	4102025.67	1.95301	672418.16	4102066.98	2.09218
672416.02	4102090.52	2.18863	672413.88	4102114.06	2.28039
672411.74	4102137.59	2.36513	672342.46	4101954.54	1.72916
672320.12	4101943.84	1.69799	672297.79	4101933.13	1.66495
672275.46	4101922.43	1.62981	672253.12	4101911.73	1.58858
672230.79	4101901.03	1.53912	672208.45	4101890.33	1.48268
672186.12	4101879.63	1.43094	672163.79	4101868.93	1.38412
672141.45	4101858.23	1.33874	672119.12	4101847.52	1.29287
672096.79	4101836.82	1.27282	672074.45	4101826.12	1.24176
672052.12	4101815.42	1.21723	672029.79	4101804.72	1.20287
672007.45	4101794.02	1.17663	671985.12	4101783.32	1.11914
671962.78	4101772.61	1.06156	671940.45	4101761.91	1.00634
671918.12	4101751.21	0.94550	671895.78	4101740.51	0.88597
671873.45	4101729.81	0.82976	671851.12	4101719.11	0.73207
671828.78	4101708.41	0.62016	671806.45	4101697.71	0.53761
671784.12	4101687.00	0.50299	671761.78	4101676.30	0.46522
671739.45	4101665.60	0.43091	671717.11	4101654.90	0.40007
671694.78	4101644.20	0.37253	671672.45	4101633.50	0.34795
672378.89	4101926.38	1.57446	672408.54	4101960.25	1.67774
672423.37	4101977.19	1.72402	672453.02	4102011.06	1.80822
672465.81	4102050.41	1.93048	672461.74	4102095.24	2.09685
672459.70	4102117.66	2.17653	672455.62	4102162.49	2.31865
672364.06	4101909.45	1.51559	672341.73	4101898.74	1.48304
672319.40	4101888.04	1.44920	672297.06	4101877.34	1.41491
672274.73	4101866.64	1.37718	672252.39	4101855.94	1.33356
672230.06	4101845.24	1.29571	672207.73	4101834.54	1.25037
672185.39	4101823.84	1.21110	672163.06	4101813.13	1.16961
672140.73	4101802.43	1.12188	672118.39	4101791.73	1.08309
672096.06	4101781.03	1.06363	672073.72	4101770.33	1.04014
672051.39	4101759.63	1.02499	672029.06	4101748.93	1.01110

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672006.72	4101738.22	0.97379	671984.39	4101727.52	0.92897
671962.06	4101716.82	0.88535	671939.72	4101706.12	0.83432
671917.39	4101695.42	0.78679	671895.06	4101684.72	0.74646
671872.72	4101674.02	0.67271	671850.39	4101663.32	0.58053
671828.05	4101652.61	0.50352	671805.72	4101641.91	0.47431
671783.39	4101631.21	0.44105	671761.05	4101620.51	0.41053
671738.72	4101609.81	0.38269	671716.39	4101599.11	0.35750
671694.05	4101588.41	0.33481	672401.88	4101882.88	1.39889
672418.10	4101901.40	1.45808	672434.32	4101919.92	1.51224
672450.53	4101938.45	1.56028	672466.75	4101956.97	1.60270
672482.97	4101975.49	1.64443	672499.18	4101994.02	1.68651
672513.17	4102037.06	1.81262	672510.94	4102061.57	1.89806
672508.71	4102086.09	1.97997	672506.49	4102110.61	2.05742
672504.26	4102135.13	2.13215	672502.03	4102159.64	2.20344
672499.80	4102184.16	2.26411	672385.67	4101864.36	1.33707
672363.33	4101853.65	1.30193	672341.00	4101842.95	1.26489
672318.67	4101832.25	1.22914	672296.33	4101821.55	1.19640
672274.00	4101810.85	1.16321	672251.67	4101800.15	1.12721
672229.33	4101789.45	1.09161	672207.00	4101778.74	1.05595
672184.67	4101768.04	1.02043	672162.33	4101757.34	0.98461
672140.00	4101746.64	0.94711	672117.66	4101735.94	0.92348
672095.33	4101725.24	0.90601	672073.00	4101714.54	0.88995
672050.66	4101703.84	0.87758	672028.33	4101693.13	0.85669
672006.00	4101682.43	0.82443	671983.66	4101671.73	0.78628
671961.33	4101661.03	0.74652	671938.99	4101650.33	0.71022
671916.66	4101639.63	0.67787	671894.33	4101628.93	0.62122
671871.99	4101618.22	0.54525	671849.66	4101607.52	0.47513
671827.33	4101596.82	0.44762	671804.99	4101586.12	0.41890
671782.66	4101575.42	0.39169	671760.33	4101564.72	0.36652
671737.99	4101554.02	0.34345	671715.66	4101543.32	0.32248
672437.40	4101807.17	1.14543	672453.13	4101825.13	1.19454
672468.85	4101843.09	1.24321	672484.58	4101861.05	1.29096
672500.30	4101879.01	1.33667	672516.03	4101896.97	1.38017
672531.75	4101914.94	1.41789	672547.48	4101932.90	1.45316
672563.20	4101950.86	1.48963	672578.93	4101968.82	1.52736
672592.49	4102010.56	1.64451	672590.33	4102034.33	1.72886
672588.17	4102058.11	1.81418	672586.01	4102081.88	1.90937
672583.85	4102105.65	2.00219	672581.69	4102129.43	2.08512
672579.53	4102153.20	2.15919	672577.37	4102176.98	2.23499
672575.21	4102200.75	2.28321	672573.04	4102224.53	2.28444

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672421.68	4101789.20	1.09588	672399.34	4101778.50	1.06527
672377.01	4101767.80	1.03423	672354.68	4101757.10	1.00357
672332.34	4101746.40	0.97371	672310.01	4101735.70	0.94442
672287.68	4101725.00	0.91578	672265.34	4101714.29	0.88826
672243.01	4101703.59	0.86201	672220.67	4101692.89	0.83765
672198.34	4101682.19	0.81752	672176.01	4101671.49	0.80011
672153.67	4101660.79	0.76376	672131.34	4101650.09	0.75757
672109.01	4101639.38	0.73859	672086.67	4101628.68	0.72048
672064.34	4101617.98	0.70134	672042.01	4101607.28	0.67928
672019.67	4101596.58	0.65476	671997.34	4101585.88	0.63020
671975.00	4101575.18	0.60539	671952.67	4101564.48	0.58460
671930.34	4101553.77	0.55665	671908.00	4101543.07	0.49528
671885.67	4101532.37	0.43577	671863.34	4101521.67	0.40901
671841.00	4101510.97	0.38603	671818.67	4101500.27	0.36342
671796.34	4101489.57	0.34206	671774.00	4101478.86	0.32210
671751.67	4101468.16	0.30365	672473.13	4101731.69	0.95985
672488.58	4101749.33	0.99913	672504.02	4101766.97	1.03735
672519.46	4101784.62	1.07412	672534.91	4101802.26	1.10912
672550.35	4101819.90	1.14533	672565.80	4101837.54	1.18149
672581.24	4101855.18	1.21750	672596.68	4101872.82	1.25218
672612.13	4101890.46	1.28849	672627.57	4101908.10	1.32530
672643.02	4101925.74	1.36095	672658.46	4101943.38	1.39322
672671.78	4101984.37	1.47510	672669.66	4102007.72	1.53406
672667.54	4102031.07	1.59648	672665.42	4102054.42	1.66294
672663.29	4102077.77	1.74115	672661.17	4102101.12	1.82506
672659.05	4102124.47	1.89332	672656.93	4102147.82	1.96339
672654.81	4102171.17	2.04107	672652.68	4102194.52	2.11157
672650.56	4102217.87	2.19210	672648.44	4102241.22	2.25163
672646.32	4102264.57	2.30029	672457.69	4101714.05	0.91996
672435.35	4101703.35	0.89148	672413.02	4101692.65	0.86452
672390.69	4101681.95	0.83909	672368.35	4101671.25	0.81423
672346.02	4101660.55	0.79020	672323.69	4101649.84	0.76691
672301.35	4101639.14	0.74497	672279.02	4101628.44	0.72459
672256.68	4101617.74	0.70513	672234.35	4101607.04	0.68649
672212.02	4101596.34	0.66735	672189.68	4101585.64	0.65013
672167.35	4101574.93	0.63664	672145.02	4101564.23	0.62482
672122.68	4101553.53	0.61261	672100.35	4101542.83	0.59999
672078.01	4101532.13	0.58513	672055.68	4101521.43	0.56818
672033.35	4101510.73	0.55033	672011.01	4101500.03	0.53241
671988.68	4101489.32	0.51411	671966.35	4101478.62	0.49533

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671944.01	4101467.92	0.45140	671921.68	4101457.22	0.40275
671899.35	4101446.52	0.37473	671877.01	4101435.82	0.35749
671854.68	4101425.12	0.33860	671832.34	4101414.41	0.32041
671810.01	4101403.71	0.30312	671787.68	4101393.01	0.28686
672509.91	4101657.42	0.83600	672526.13	4101675.95	0.86200
672542.35	4101694.47	0.88870	672558.56	4101712.99	0.91729
672574.78	4101731.52	0.94749	672590.99	4101750.04	0.97965
672607.21	4101768.56	1.01071	672623.43	4101787.08	1.04124
672639.64	4101805.61	1.07323	672655.86	4101824.13	1.10851
672672.08	4101842.65	1.14668	672688.29	4101861.18	1.19395
672704.51	4101879.70	1.24284	672720.72	4101898.22	1.27958
672736.94	4101916.74	1.30928	672750.93	4101959.79	1.36651
672748.70	4101984.30	1.40486	672746.47	4102008.82	1.45260
672744.24	4102033.34	1.50984	672742.02	4102057.85	1.57046
672739.79	4102082.37	1.64628	672737.56	4102106.89	1.72098
672735.33	4102131.41	1.80115	672733.10	4102155.92	1.87717
672730.87	4102180.44	1.95248	672728.65	4102204.96	2.01065
672726.42	4102229.48	2.06008	672724.19	4102253.99	2.10375
672721.96	4102278.51	2.14225	672719.73	4102303.03	2.16925
672493.70	4101638.90	0.80373	672471.36	4101628.20	0.78222
672449.03	4101617.50	0.75841	672426.70	4101606.80	0.72942
672404.36	4101596.09	0.70182	672382.03	4101585.39	0.67830
672359.69	4101574.69	0.65777	672337.36	4101563.99	0.63955
672315.03	4101553.29	0.62358	672292.69	4101542.59	0.60909
672270.36	4101531.89	0.59551	672248.03	4101521.19	0.58322
672225.69	4101510.48	0.56996	672203.36	4101499.78	0.55646
672181.03	4101489.08	0.54166	672158.69	4101478.38	0.53430
672136.36	4101467.68	0.52695	672114.02	4101456.98	0.51624
672091.69	4101446.28	0.50418	672069.36	4101435.57	0.49087
672047.02	4101424.87	0.47610	672024.69	4101414.17	0.46039
672002.36	4101403.47	0.44451	671980.02	4101392.77	0.41432
671957.69	4101382.07	0.37320	671935.35	4101371.37	0.34478
671913.02	4101360.67	0.33242	671890.69	4101349.96	0.31662
671868.35	4101339.26	0.30114	671846.02	4101328.56	0.28616
671823.69	4101317.86	0.27184	672617.94	4101431.97	0.53498
672634.16	4101450.49	0.55545	672650.37	4101469.01	0.57561
672666.59	4101487.54	0.57623	672682.81	4101506.06	0.59228
672699.02	4101524.58	0.60874	672715.24	4101543.11	0.62533
672731.46	4101561.63	0.64147	672747.67	4101580.15	0.67023
672763.89	4101598.68	0.71143	672780.10	4101617.20	0.76553

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672796.32	4101635.72	0.79283	672812.54	4101654.24	0.82048
672828.75	4101672.77	0.84353	672844.97	4101691.29	0.86454
672861.19	4101709.81	0.88459	672877.40	4101728.34	0.90525
672893.62	4101746.86	0.92718	672909.83	4101765.38	0.94868
672926.05	4101783.90	0.97130	672942.27	4101802.43	0.99407
672958.48	4101820.95	1.01585	672974.70	4101839.47	1.03566
672988.69	4101882.51	1.08861	672986.46	4101907.03	1.12240
672984.23	4101931.55	1.15666	672982.00	4101956.07	1.19041
672979.77	4101980.58	1.22560	672977.55	4102005.10	1.26065
672975.32	4102029.62	1.29357	672973.09	4102054.14	1.32657
672970.86	4102078.65	1.35780	672968.63	4102103.17	1.38868
672966.41	4102127.69	1.41878	672964.18	4102152.21	1.44708
672961.95	4102176.72	1.47324	672959.72	4102201.24	1.49699
672957.49	4102225.76	1.51961	672955.26	4102250.27	1.54412
672953.04	4102274.79	1.57564	672950.81	4102299.31	1.60966
672948.58	4102323.83	1.64700	672946.35	4102348.34	1.67483
672944.12	4102372.86	1.68776	672941.89	4102397.38	1.68640
672939.67	4102421.90	1.65969	672601.72	4101413.45	0.51545
672579.39	4101402.74	0.50325	672557.06	4101392.04	0.49179
672534.72	4101381.34	0.48128	672512.39	4101370.64	0.47146
672490.06	4101359.94	0.46233	672467.72	4101349.24	0.45360
672445.39	4101338.54	0.44536	672423.06	4101327.83	0.43733
672400.72	4101317.13	0.42930	672378.39	4101306.43	0.42153
672356.05	4101295.73	0.41474	672333.72	4101285.03	0.40797
672311.39	4101274.33	0.40115	672289.05	4101263.63	0.39423
672266.72	4101252.93	0.38725	672244.39	4101242.22	0.38019
672222.05	4101231.52	0.37222	672199.72	4101220.82	0.36331
672177.39	4101210.12	0.35839	672155.05	4101199.42	0.35244
672132.72	4101188.72	0.34325	672110.38	4101178.02	0.32947
672088.05	4101167.31	0.31929	672065.72	4101156.61	0.30710
672043.38	4101145.91	0.28261	672021.05	4101135.21	0.26963
671998.72	4101124.51	0.26236	671976.38	4101113.81	0.25289
671954.05	4101103.11	0.24334	671931.71	4101092.41	0.23384
672725.97	4101206.51	0.26806	672742.19	4101225.04	0.30336
672758.40	4101243.56	0.33659	672774.62	4101262.08	0.36987
672790.83	4101280.61	0.39640	672807.05	4101299.13	0.41754
672823.27	4101317.65	0.43795	672839.48	4101336.17	0.46947
672855.70	4101354.70	0.48460	672871.92	4101373.22	0.48142
672888.13	4101391.74	0.48739	672904.35	4101410.27	0.49013
672920.56	4101428.79	0.49200	672936.78	4101447.31	0.48869

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672953.00	4101465.83	0.48408	672969.21	4101484.36	0.50149
672985.43	4101502.88	0.52848	673001.65	4101521.40	0.56172
673017.86	4101539.93	0.60643	673034.08	4101558.45	0.64588
673050.30	4101576.97	0.69286	673066.51	4101595.50	0.71227
673082.73	4101614.02	0.72693	673098.94	4101632.54	0.74435
673115.16	4101651.06	0.76239	673131.38	4101669.59	0.78067
673147.59	4101688.11	0.79961	673163.81	4101706.63	0.81712
673180.03	4101725.16	0.83308	673196.24	4101743.68	0.84886
673212.46	4101762.20	0.86346	673226.45	4101805.24	0.90054
673224.22	4101829.76	0.92661	673221.99	4101854.28	0.95513
673219.76	4101878.79	0.98483	673217.53	4101903.31	1.01479
673215.31	4101927.83	1.04438	673213.08	4101952.35	1.07117
673210.85	4101976.86	1.09767	673208.62	4102001.38	1.12734
673206.39	4102025.90	1.14415	673204.16	4102050.42	1.14951
673201.94	4102074.93	1.15140	673199.71	4102099.45	1.16165
673197.48	4102123.97	1.19926	673195.25	4102148.49	1.25270
673193.02	4102173.00	1.31052	673190.79	4102197.52	1.33173
673188.57	4102222.04	1.35111	673186.34	4102246.56	1.36208
673184.11	4102271.07	1.36930	673181.88	4102295.59	1.38027
673179.65	4102320.11	1.38875	673177.42	4102344.63	1.39481
673175.20	4102369.14	1.39616	673172.97	4102393.66	1.39509
673170.74	4102418.18	1.38580	673168.51	4102442.70	1.37625
673166.28	4102467.21	1.37081	673164.06	4102491.73	1.36424
673161.83	4102516.25	1.35922	673159.60	4102540.76	1.35554
672709.75	4101187.99	0.25647	672687.42	4101177.29	0.25352
672665.09	4101166.59	0.25038	672642.75	4101155.89	0.24432
672620.42	4101145.19	0.23908	672598.08	4101134.48	0.23836
672575.75	4101123.78	0.24460	672553.42	4101113.08	0.25546
672531.08	4101102.38	0.26886	672508.75	4101091.68	0.29005
672486.42	4101080.98	0.29804	672464.08	4101070.28	0.30029
672441.75	4101059.57	0.29971	672419.42	4101048.87	0.30488
672397.08	4101038.17	0.30114	672374.75	4101027.47	0.29741
672352.41	4101016.77	0.29343	672330.08	4101006.07	0.28898
672307.75	4100995.37	0.28495	672285.41	4100984.67	0.28120
672263.08	4100973.96	0.27709	672240.75	4100963.26	0.27200
672218.41	4100952.56	0.26752	672196.08	4100941.86	0.26153
672173.75	4100931.16	0.25234	672151.41	4100920.46	0.24567
672129.08	4100909.76	0.23772	672106.74	4100899.05	0.22379
672084.41	4100888.35	0.21466	672062.08	4100877.65	0.20987
672039.74	4100866.95	0.20358	672942.03	4100755.60	0.18448

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672958.24	4100774.13	0.17995	672974.46	4100792.65	0.17505
672990.67	4100811.17	0.16998	673006.89	4100829.70	0.16235
673023.11	4100848.22	0.15434	673039.32	4100866.74	0.15935
673055.54	4100885.26	0.17224	673071.76	4100903.79	0.19405
673087.97	4100922.31	0.21110	673104.19	4100940.83	0.23163
673120.41	4100959.36	0.24164	673136.62	4100977.88	0.24361
673152.84	4100996.40	0.24540	673169.05	4101014.93	0.25529
673185.27	4101033.45	0.26693	673201.49	4101051.97	0.27861
673217.70	4101070.49	0.29109	673233.92	4101089.02	0.29951
673250.14	4101107.54	0.30864	673266.35	4101126.06	0.31866
673282.57	4101144.59	0.29809	673298.78	4101163.11	0.26623
673315.00	4101181.63	0.24300	673331.22	4101200.15	0.23060
673347.43	4101218.68	0.21610	673363.65	4101237.20	0.22301
673379.87	4101255.72	0.24670	673396.08	4101274.25	0.27910
673412.30	4101292.77	0.31239	673428.51	4101311.29	0.34050
673444.73	4101329.82	0.36071	673460.95	4101348.34	0.37176
673477.16	4101366.86	0.36963	673493.38	4101385.38	0.36164
673509.60	4101403.91	0.35797	673525.81	4101422.43	0.37537
673542.03	4101440.95	0.40851	673558.25	4101459.48	0.44048
673574.46	4101478.00	0.47291	673590.68	4101496.52	0.50276
673606.89	4101515.05	0.52893	673623.11	4101533.57	0.55025
673639.33	4101552.09	0.57014	673655.54	4101570.61	0.58688
673671.76	4101589.14	0.59586	673687.98	4101607.66	0.60214
673701.96	4101650.70	0.62163	673699.74	4101675.22	0.64000
673697.51	4101699.74	0.65601	673695.28	4101724.25	0.66578
673693.05	4101748.77	0.66709	673690.82	4101773.29	0.68128
673688.59	4101797.80	0.70600	673686.37	4101822.32	0.73688
673684.14	4101846.84	0.76067	673681.91	4101871.36	0.78334
673679.68	4101895.87	0.79894	673677.45	4101920.39	0.81524
673675.22	4101944.91	0.83034	673673.00	4101969.43	0.84537
673670.77	4101993.94	0.86033	673668.54	4102018.46	0.87539
673666.31	4102042.98	0.88852	673664.08	4102067.50	0.89899
673661.86	4102092.01	0.90773	673659.63	4102116.53	0.91573
673657.40	4102141.05	0.92345	673655.17	4102165.57	0.92857
673652.94	4102190.08	0.93549	673650.71	4102214.60	0.94576
673648.49	4102239.12	0.95677	673646.26	4102263.64	0.96694
673644.03	4102288.15	0.97624	673641.80	4102312.67	0.98421
673639.57	4102337.19	0.99075	673637.34	4102361.70	0.99935
673635.12	4102386.22	1.01217	673632.89	4102410.74	1.03045
673630.66	4102435.26	1.04446	673628.43	4102459.77	1.05562

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
673626.20	4102484.29	1.06500	673623.98	4102508.81	1.07393
673621.75	4102533.33	1.07974	673619.52	4102557.84	1.07934
673617.29	4102582.36	1.07609	673615.06	4102606.88	1.07084
673612.83	4102631.40	1.06263	673610.61	4102655.91	1.05577
673608.38	4102680.43	1.04913	673606.15	4102704.95	1.04209
673603.92	4102729.47	1.03398	673601.69	4102753.98	1.02270
673599.46	4102778.50	1.01087	672925.81	4100737.08	0.18952
672903.48	4100726.38	0.19337	672881.14	4100715.68	0.19812
672858.81	4100704.98	0.19953	672836.47	4100694.28	0.19555
672814.14	4100683.57	0.18976	672791.81	4100672.87	0.18233
672769.47	4100662.17	0.17423	672747.14	4100651.47	0.16454
672724.81	4100640.77	0.15607	672702.47	4100630.07	0.15148
672680.14	4100619.37	0.14929	672657.81	4100608.66	0.14903
672635.47	4100597.96	0.14913	672613.14	4100587.26	0.14659
672590.80	4100576.56	0.14359	672568.47	4100565.86	0.14139
672546.14	4100555.16	0.14001	672523.80	4100544.46	0.13987
672501.47	4100533.76	0.14123	672479.14	4100523.05	0.14444
672456.80	4100512.35	0.14713	672434.47	4100501.65	0.14961
672412.14	4100490.95	0.15327	672389.80	4100480.25	0.16276
672367.47	4100469.55	0.16802	672345.13	4100458.85	0.16936
672322.80	4100448.14	0.16842	672300.47	4100437.44	0.16671
672278.13	4100426.74	0.16457	672255.80	4100416.04	0.16242
673158.08	4100304.69	0.11058	673174.30	4100323.22	0.11706
673190.52	4100341.74	0.11199	673206.73	4100360.26	0.10440
673222.95	4100378.79	0.09807	673239.16	4100397.31	0.09248
673255.38	4100415.83	0.08761	673271.60	4100434.35	0.08724
673287.81	4100452.88	0.09076	673304.03	4100471.40	0.09634
673320.25	4100489.92	0.10473	673336.46	4100508.45	0.11891
673352.68	4100526.97	0.13070	673368.89	4100545.49	0.13945
673385.11	4100564.02	0.14565	673401.33	4100582.54	0.14501
673417.54	4100601.06	0.13806	673433.76	4100619.58	0.13148
673449.98	4100638.11	0.12319	673466.19	4100656.63	0.11861
673482.41	4100675.15	0.11727	673498.62	4100693.68	0.11559
673514.84	4100712.20	0.10803	673531.06	4100730.72	0.10400
673547.27	4100749.25	0.10059	673563.49	4100767.77	0.09849
673579.71	4100786.29	0.09718	673595.92	4100804.81	0.09655
673612.14	4100823.34	0.09841	673628.36	4100841.86	0.10583
673644.57	4100860.38	0.11535	673660.79	4100878.91	0.12499
673677.00	4100897.43	0.13692	673693.22	4100915.95	0.15010
673709.44	4100934.47	0.16240	673725.65	4100953.00	0.17979

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
673741.87	4100971.52	0.18962	673758.09	4100990.04	0.18658
673774.30	4101008.57	0.17873	673790.52	4101027.09	0.17131
673806.73	4101045.61	0.16411	673822.95	4101064.14	0.15159
673839.17	4101082.66	0.14517	673855.38	4101101.18	0.14085
673871.60	4101119.70	0.13655	673887.82	4101138.23	0.13898
673904.03	4101156.75	0.14866	673920.25	4101175.27	0.16014
673936.46	4101193.80	0.17160	673952.68	4101212.32	0.16987
673968.90	4101230.84	0.16367	673985.11	4101249.36	0.15297
674001.33	4101267.89	0.14578	674017.55	4101286.41	0.14514
674033.76	4101304.93	0.14882	674049.98	4101323.46	0.15906
674066.19	4101341.98	0.17797	674082.41	4101360.50	0.19491
674098.63	4101379.03	0.21572	674114.84	4101397.55	0.24815
674131.06	4101416.07	0.28696	674147.28	4101434.59	0.31683
674163.49	4101453.12	0.34149	674177.48	4101496.16	0.35919
674175.25	4101520.68	0.38201	674173.02	4101545.19	0.42087
674170.80	4101569.71	0.44335	674168.57	4101594.23	0.45621
674166.34	4101618.74	0.46673	674164.11	4101643.26	0.48626
674161.88	4101667.78	0.51102	674159.65	4101692.30	0.54149
674157.43	4101716.81	0.56553	674155.20	4101741.33	0.58204
674152.97	4101765.85	0.59452	674150.74	4101790.37	0.60569
674148.51	4101814.88	0.61686	674146.29	4101839.40	0.62878
674144.06	4101863.92	0.63708	674141.83	4101888.44	0.64581
674139.60	4101912.95	0.65331	674137.37	4101937.47	0.65971
674135.14	4101961.99	0.66591	674132.92	4101986.51	0.67106
674130.69	4102011.02	0.67699	674128.46	4102035.54	0.68282
674126.23	4102060.06	0.68829	674124.00	4102084.58	0.69411
674121.77	4102109.09	0.69967	674119.55	4102133.61	0.70472
674117.32	4102158.13	0.70945	674115.09	4102182.65	0.71430
674112.86	4102207.16	0.71904	674110.63	4102231.68	0.72324
674108.41	4102256.20	0.72703	674106.18	4102280.71	0.73085
674103.95	4102305.23	0.73505	674101.72	4102329.75	0.73903
674099.49	4102354.27	0.74261	674097.26	4102378.78	0.74570
674095.04	4102403.30	0.74850	674092.81	4102427.82	0.75093
674090.58	4102452.34	0.75292	674088.35	4102476.85	0.75454
674086.12	4102501.37	0.75567	674083.89	4102525.89	0.75626
674081.67	4102550.41	0.75599	674079.44	4102574.92	0.75520
674077.21	4102599.44	0.75405	674074.98	4102623.96	0.75295
674072.75	4102648.48	0.75169	674070.53	4102672.99	0.75017
674068.30	4102697.51	0.74815	674066.07	4102722.03	0.74570
674063.84	4102746.55	0.74290	674061.61	4102771.06	0.73969

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
674059.38	4102795.58	0.73608	674057.16	4102820.10	0.73192
674054.93	4102844.62	0.72730	674052.70	4102869.13	0.72218
674050.47	4102893.65	0.71676	674048.24	4102918.17	0.71114
674046.01	4102942.68	0.70528	674043.79	4102967.20	0.69924
674041.56	4102991.72	0.69301	674039.33	4103016.24	0.68649
673141.87	4100286.17	0.10155	673119.53	4100275.47	0.09505
673097.20	4100264.77	0.08984	673074.87	4100254.07	0.08517
673052.53	4100243.37	0.08283	673030.20	4100232.66	0.08107
673007.86	4100221.96	0.07923	672985.53	4100211.26	0.07806
672963.20	4100200.56	0.07690	672940.86	4100189.86	0.07602
672918.53	4100179.16	0.07574	672896.20	4100168.46	0.07577
672873.86	4100157.76	0.07604	672851.53	4100147.05	0.07705
672829.19	4100136.35	0.07868	672806.86	4100125.65	0.08109
672784.53	4100114.95	0.08399	672762.19	4100104.25	0.08675
672739.86	4100093.55	0.08980	672717.53	4100082.85	0.09343
672695.19	4100072.14	0.09807	672672.86	4100061.44	0.10197
672650.53	4100050.74	0.10882	672628.19	4100040.04	0.11368
672605.86	4100029.34	0.11656	672583.52	4100018.64	0.11811
672561.19	4100007.94	0.11898	672538.86	4099997.24	0.11958
672516.52	4099986.53	0.11976	672494.19	4099975.83	0.11951
672471.86	4099965.13	0.11925	671221.45	4104044.00	0.37706
670630.54	4103839.27	0.58686	671607.63	4101768.77	0.39220
672277.64	4102089.81	2.63256			

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671585.02	4101758.10	55.23897	(05021803)	671574.40	4101780.61	54.98685	(05021803)
671563.78	4101803.11	54.70869	(05021803)	671553.16	4101825.62	54.42311	(05021803)
671542.54	4101848.12	54.13523	(05021803)	671531.92	4101870.63	53.82122	(05021803)
671521.30	4101893.13	53.49581	(05021803)	671510.68	4101915.64	53.15359	(05021803)
671500.06	4101938.14	52.79744	(05021803)	671489.44	4101960.65	52.42329	(05021803)
671478.82	4101983.15	52.02779	(05021803)	671468.20	4102005.66	51.61024	(05021803)
671457.57	4102028.17	51.17862	(05021803)	671446.95	4102050.67	50.72457	(05021803)
671436.33	4102073.18	50.24420	(05021803)	671425.71	4102095.68	49.74448	(05021803)
671415.09	4102118.19	49.21838	(05021803)	671404.47	4102140.69	48.67034	(05021803)
671393.85	4102163.20	48.41297	(06040323)	671383.23	4102185.70	48.18693	(06040323)
671372.61	4102208.21	47.93361	(06040323)	671361.99	4102230.71	47.66874	(06040323)
671351.37	4102253.22	47.38572	(06040323)	671340.75	4102275.73	47.11443	(06022524)
671330.13	4102298.23	47.02314	(06022524)	671319.51	4102320.74	46.93953	(06022524)
671308.89	4102343.24	46.82918	(06022524)	671298.27	4102365.75	46.72596	(06022524)
671287.65	4102388.25	46.60132	(06022524)	671277.03	4102410.76	46.46588	(06022524)
671266.40	4102433.26	46.31842	(06022524)	671255.78	4102455.77	46.15459	(06022524)
671245.16	4102478.27	45.96694	(06022524)	671234.54	4102500.78	45.76366	(06022524)
671223.92	4102523.29	45.53249	(06022524)	671213.30	4102545.79	45.35973	(06010509)
671202.68	4102568.30	45.31405	(06010509)	671192.06	4102590.80	45.26826	(06010509)
671181.44	4102613.31	45.22165	(06010509)	671170.82	4102635.81	45.17426	(06010509)
671160.20	4102658.32	45.12804	(06010509)	671149.58	4102680.82	45.07928	(06010509)
671138.96	4102703.33	45.03269	(06010509)	671128.34	4102725.83	44.98340	(06010509)
671117.72	4102748.34	46.91320	(04111008)	671107.10	4102770.85	49.54565	(04111008)
671096.48	4102793.35	52.05613	(04111008)	671085.86	4102815.86	54.44323	(04111008)
671075.23	4102838.36	56.68763	(04111008)	671064.61	4102860.87	58.81327	(04111008)
671053.99	4102883.37	60.79060	(04111008)	671043.37	4102905.88	62.62995	(04111008)
671032.75	4102928.38	64.33575	(04111008)	671022.13	4102950.89	65.91296	(04111008)
671011.51	4102973.39	67.36065	(04111008)	671000.89	4102995.90	68.68597	(04111008)
670990.27	4103018.40	69.89047	(04111008)	670979.65	4103040.91	70.98785	(04111008)
670969.03	4103063.42	71.98334	(04111008)	670958.41	4103085.92	72.87350	(04111008)
670947.79	4103108.43	73.68464	(04111008)	670937.17	4103130.93	74.39979	(04111008)
670926.55	4103153.44	75.05007	(04111008)	670915.93	4103175.94	75.62275	(04111008)
670905.31	4103198.45	76.12910	(04111008)	670894.69	4103220.95	76.57937	(04111008)
670884.07	4103243.46	76.97591	(04111008)	670873.44	4103265.96	77.31880	(04111008)
670862.82	4103288.47	77.62428	(04111008)	670852.20	4103310.98	77.87529	(04111008)
670841.58	4103333.48	78.10777	(04111008)	670830.96	4103355.99	78.30051	(04111008)
670820.34	4103378.49	79.69506	(05030308)	670809.72	4103401.00	81.31247	(05030308)
670799.10	4103423.50	82.88808	(05030308)	670788.48	4103446.01	84.37905	(05030308)
670777.86	4103468.51	85.82929	(05030308)	670767.24	4103491.02	87.22407	(05030308)
670756.62	4103513.52	88.54778	(05030308)	670746.00	4103536.03	89.82222	(05030308)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670735.38	4103558.54	91.05269	(05030308)	670724.76	4103581.04	92.22442	(05030308)
670714.14	4103603.55	93.33215	(05030308)	670703.52	4103626.05	94.40512	(05030308)
670692.90	4103648.56	95.43656	(05030308)	670682.27	4103671.06	96.39547	(05030308)
670671.65	4103693.57	97.31531	(05030308)	670661.03	4103716.07	98.21236	(05030308)
670650.41	4103738.58	99.04793	(05030308)	670639.79	4103761.08	99.84070	(05030308)
670629.17	4103783.59	100.59285	(05030308)	670618.55	4103806.10	101.31922	(05030308)
670607.93	4103828.60	101.99992	(05030308)	671576.65	4101734.54	53.47372	(05021803)
671610.06	4101722.67	56.44729	(05021803)	671551.79	4101769.94	52.16712	(05021803)
671541.17	4101792.44	51.86153	(05021803)	671530.55	4101814.95	51.53811	(05021803)
671519.93	4101837.45	51.18921	(05021803)	671509.31	4101859.96	50.83788	(05021803)
671498.69	4101882.46	50.47314	(05021803)	671488.07	4101904.97	50.07931	(05021803)
671477.45	4101927.47	49.66581	(05021803)	671466.83	4101949.98	49.24202	(05021803)
671456.21	4101972.49	48.79920	(05021803)	671445.59	4101994.99	48.32876	(05021803)
671434.97	4102017.50	47.83409	(05021803)	671424.35	4102040.00	47.43224	(06040323)
671413.72	4102062.51	47.23626	(06040323)	671403.10	4102085.01	47.02786	(06040323)
671392.48	4102107.52	46.80660	(06040323)	671381.86	4102130.02	46.69535	(08111508)
671371.24	4102152.53	46.63663	(08111508)	671360.62	4102175.03	46.58847	(08111508)
671350.00	4102197.54	46.52535	(08111508)	671339.38	4102220.05	46.47278	(08111508)
671328.76	4102242.55	46.41062	(08111508)	671318.14	4102265.06	46.34919	(08111508)
671307.52	4102287.56	46.28355	(08111508)	671296.90	4102310.07	46.21632	(08111508)
671286.28	4102332.57	46.13886	(08111508)	671275.66	4102355.08	46.06348	(08111508)
671265.04	4102377.58	45.97171	(08111508)	671254.42	4102400.09	45.87107	(08111508)
671243.80	4102422.59	45.76534	(08111508)	671233.18	4102445.10	45.64957	(08111508)
671222.55	4102467.61	45.51087	(08111508)	671211.93	4102490.11	45.39165	(06010509)
671201.31	4102512.62	45.34529	(06010509)	671190.69	4102535.12	45.29937	(06010509)
671180.07	4102557.63	45.25375	(06010509)	671169.45	4102580.13	45.20671	(06010509)
671158.83	4102602.64	45.15931	(06010509)	671148.21	4102625.14	45.11128	(06010509)
671137.59	4102647.65	45.06478	(06010509)	671126.97	4102670.15	45.01560	(06010509)
671116.35	4102692.66	44.96528	(06010509)	671105.73	4102715.16	44.91688	(06010509)
671095.11	4102737.67	44.86689	(06010509)	671084.49	4102760.18	44.81316	(06010509)
671073.87	4102782.68	46.12352	(04111008)	671063.25	4102805.19	48.71081	(04111008)
671052.63	4102827.69	51.18732	(04111008)	671042.01	4102850.20	53.54488	(04111008)
671031.38	4102872.70	55.77420	(04111008)	671020.76	4102895.21	57.89110	(04111008)
671010.14	4102917.71	59.86663	(04111008)	670999.52	4102940.22	61.71410	(04111008)
670988.90	4102962.72	63.43196	(04111008)	670978.28	4102985.23	65.03026	(04111008)
670967.66	4103007.74	66.50167	(04111008)	670957.04	4103030.24	67.85052	(04111008)
670946.42	4103052.75	69.08899	(04111008)	670935.80	4103075.25	70.21918	(04111008)
670925.18	4103097.76	71.25019	(04111008)	670914.56	4103120.26	72.17784	(04111008)
670903.94	4103142.77	73.02762	(04111008)	670893.32	4103165.27	73.77931	(04111008)
670882.70	4103187.78	74.46467	(04111008)	670872.08	4103210.28	75.06989	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670861.46	4103232.79	75.61893	(04111008)	670850.84	4103255.30	76.09809	(04111008)
670840.22	4103277.80	76.52755	(04111008)	670829.59	4103300.31	76.89924	(04111008)
670818.97	4103322.81	77.23905	(04111008)	670808.35	4103345.32	77.52025	(04111008)
670797.73	4103367.82	77.77741	(04111008)	670787.11	4103390.33	77.98556	(04111008)
670776.49	4103412.83	78.17660	(04111008)	670765.87	4103435.34	78.33500	(04111008)
670755.25	4103457.84	79.90795	(05030308)	670744.63	4103480.35	81.47716	(05030308)
670734.01	4103502.86	82.96562	(05030308)	670723.39	4103525.36	84.41210	(05030308)
670712.77	4103547.87	85.81743	(05030308)	670702.15	4103570.37	87.14002	(05030308)
670691.53	4103592.88	88.43158	(05030308)	670680.91	4103615.38	89.67474	(05030308)
670670.29	4103637.89	90.84968	(05030308)	670659.67	4103660.39	91.97954	(05030308)
670649.05	4103682.90	93.06842	(05030308)	670638.42	4103705.40	94.10466	(05030308)
670627.80	4103727.91	95.09730	(05030308)	670617.18	4103750.41	96.03833	(05030308)
670606.56	4103772.92	96.95282	(05030308)	670595.94	4103795.43	97.81505	(05030308)
670585.32	4103817.93	98.63110	(05030308)	671554.04	4101723.88	50.72054	(05021803)
671601.69	4101699.11	54.70628	(05021803)	671529.18	4101759.27	49.34372	(05021803)
671518.56	4101781.77	48.99232	(05021803)	671507.94	4101804.28	48.62647	(05021803)
671497.32	4101826.78	48.24451	(05021803)	671486.70	4101849.29	47.83948	(05021803)
671476.08	4101871.79	47.41579	(05021803)	671465.46	4101894.30	47.32323	(08111508)
671454.84	4101916.81	47.27356	(08111508)	671444.22	4101939.31	47.22259	(08111508)
671433.60	4101961.82	47.17488	(08111508)	671422.98	4101984.32	47.13064	(08111508)
671412.36	4102006.83	47.07578	(08111508)	671401.74	4102029.33	47.02873	(08111508)
671391.12	4102051.84	46.97897	(08111508)	671380.50	4102074.34	46.92468	(08111508)
671369.87	4102096.85	46.87472	(08111508)	671359.25	4102119.35	46.81444	(08111508)
671348.63	4102141.86	46.76484	(08111508)	671338.01	4102164.37	46.70099	(08111508)
671327.39	4102186.87	46.64676	(08111508)	671316.77	4102209.38	46.58201	(08111508)
671306.15	4102231.88	46.51445	(08111508)	671295.53	4102254.39	46.44886	(08111508)
671284.91	4102276.89	46.37133	(08111508)	671274.29	4102299.40	46.29250	(08111508)
671263.67	4102321.90	46.20481	(08111508)	671253.05	4102344.41	46.10306	(08111508)
671242.43	4102366.91	45.99558	(08111508)	671231.81	4102389.42	45.88024	(08111508)
671221.19	4102411.92	45.74189	(08111508)	671210.57	4102434.43	45.59372	(08111508)
671199.95	4102456.94	45.41743	(08111508)	671189.33	4102479.44	45.33561	(06010509)
671178.70	4102501.95	45.28983	(06010509)	671168.08	4102524.45	45.24323	(06010509)
671157.46	4102546.96	45.19480	(06010509)	671146.84	4102569.46	45.14714	(06010509)
671136.22	4102591.97	45.10020	(06010509)	671125.60	4102614.47	45.05208	(06010509)
671114.98	4102636.98	45.00362	(06010509)	671104.36	4102659.48	44.95759	(06010509)
671093.74	4102681.99	44.90593	(06010509)	671083.12	4102704.50	44.85192	(06010509)
671072.50	4102727.00	44.79367	(06010509)	671061.88	4102749.51	44.73481	(06010509)
671051.26	4102772.01	44.66646	(06010509)	671040.64	4102794.52	44.59047	(06010509)
671030.02	4102817.02	45.37871	(04111008)	671019.40	4102839.53	47.91774	(04111008)
671008.78	4102862.03	50.35640	(04111008)	670998.16	4102884.54	52.69017	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670987.53	4102907.04	54.90075	(04111008)	670976.91	4102929.55	57.00242	(04111008)
670966.29	4102952.06	58.97962	(04111008)	670955.67	4102974.56	60.82540	(04111008)
670945.05	4102997.07	62.55909	(04111008)	670934.43	4103019.57	64.17266	(04111008)
670923.81	4103042.08	65.65364	(04111008)	670913.19	4103064.58	67.03338	(04111008)
670902.57	4103087.09	68.30131	(04111008)	670891.95	4103109.59	69.45610	(04111008)
670881.33	4103132.10	70.52577	(04111008)	670870.71	4103154.60	71.47986	(04111008)
670860.09	4103177.11	72.37301	(04111008)	670849.47	4103199.62	73.15339	(04111008)
670838.85	4103222.12	73.88034	(04111008)	670828.23	4103244.63	74.51448	(04111008)
670817.61	4103267.13	75.10106	(04111008)	670806.99	4103289.64	75.60373	(04111008)
670796.37	4103312.14	76.08063	(04111008)	670785.74	4103334.65	76.46630	(04111008)
670775.12	4103357.15	76.84079	(04111008)	670764.50	4103379.66	77.15392	(04111008)
670753.88	4103402.16	77.42463	(04111008)	670743.26	4103424.67	77.67509	(04111008)
670732.64	4103447.17	77.87626	(04111008)	670722.02	4103469.68	78.06497	(04111008)
670711.40	4103492.19	78.21114	(04111008)	670700.78	4103514.69	78.57664	(05030308)
670690.16	4103537.20	80.11868	(05030308)	670679.54	4103559.70	81.62002	(05030308)
670668.92	4103582.21	83.06879	(05030308)	670658.30	4103604.71	84.46125	(05030308)
670647.68	4103627.22	85.79368	(05030308)	670637.06	4103649.72	87.09333	(05030308)
670626.44	4103672.23	88.34006	(05030308)	670615.82	4103694.73	89.52302	(05030308)
670605.20	4103717.24	90.67396	(05030308)	670594.57	4103739.75	91.77951	(05030308)
670583.95	4103762.25	92.82352	(05030308)	670573.33	4103784.76	93.83320	(05030308)
670562.71	4103807.26	94.80467	(05030308)	671531.43	4101713.21	47.97075	(05021803)
671559.90	4101687.43	50.04315	(05021803)	671593.31	4101675.56	53.00629	(05021803)
671631.67	4101677.58	56.87536	(05021803)	671506.57	4101748.60	47.58638	(08111508)
671495.95	4101771.10	47.54224	(08111508)	671485.33	4101793.61	47.49377	(08111508)
671474.71	4101816.11	47.45150	(08111508)	671464.09	4101838.62	47.40020	(08111508)
671453.47	4101861.13	47.35139	(08111508)	671442.85	4101883.63	47.30627	(08111508)
671432.23	4101906.14	47.26124	(08111508)	671421.61	4101928.64	47.20830	(08111508)
671410.99	4101951.15	47.16172	(08111508)	671400.37	4101973.65	47.11109	(08111508)
671389.75	4101996.16	47.06041	(08111508)	671379.13	4102018.66	47.01020	(08111508)
671368.51	4102041.17	46.95543	(08111508)	671357.89	4102063.67	46.90285	(08111508)
671347.27	4102086.18	46.84415	(08111508)	671336.65	4102108.68	46.79206	(08111508)
671326.02	4102131.19	46.72594	(08111508)	671315.40	4102153.70	46.66577	(08111508)
671304.78	4102176.20	46.60225	(08111508)	671294.16	4102198.71	46.52813	(08111508)
671283.54	4102221.21	46.45230	(08111508)	671272.92	4102243.72	46.36307	(08111508)
671262.30	4102266.22	46.27714	(08111508)	671251.68	4102288.73	46.17700	(08111508)
671241.06	4102311.23	46.06757	(08111508)	671230.44	4102333.74	45.94783	(08111508)
671219.82	4102356.24	45.81070	(08111508)	671209.20	4102378.75	45.66289	(08111508)
671198.58	4102401.26	45.48558	(08111508)	671187.96	4102423.76	45.37287	(06010509)
671177.34	4102446.27	45.32702	(06010509)	671166.72	4102468.77	45.28006	(06010509)
671156.10	4102491.28	45.23291	(06010509)	671145.48	4102513.78	45.18645	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671134.85	4102536.29	45.13848	(06010509)	671124.23	4102558.79	45.09129	(06010509)
671113.61	4102581.30	45.04346	(06010509)	671102.99	4102603.80	44.99578	(06010509)
671092.37	4102626.31	44.94414	(06010509)	671081.75	4102648.82	44.89289	(06010509)
671071.13	4102671.32	44.84023	(06010509)	671060.51	4102693.83	44.77977	(06010509)
671049.89	4102716.33	44.71527	(06010509)	671039.27	4102738.84	44.64265	(06010509)
671028.65	4102761.34	44.56076	(06010509)	671018.03	4102783.85	44.46100	(06010509)
671007.41	4102806.35	44.33439	(06010509)	670996.79	4102828.86	44.17604	(06010509)
670986.17	4102851.36	44.67485	(04111008)	670975.55	4102873.87	47.16826	(04111008)
670964.93	4102896.38	49.56846	(04111008)	670954.31	4102918.88	51.87243	(04111008)
670943.68	4102941.39	54.06800	(04111008)	670933.06	4102963.89	56.14555	(04111008)
670922.44	4102986.40	58.12164	(04111008)	670911.82	4103008.90	59.96761	(04111008)
670901.20	4103031.41	61.71172	(04111008)	670890.58	4103053.91	63.32996	(04111008)
670879.96	4103076.42	64.83404	(04111008)	670869.34	4103098.92	66.23698	(04111008)
670858.72	4103121.43	67.52485	(04111008)	670848.10	4103143.93	68.70510	(04111008)
670837.48	4103166.44	69.80852	(04111008)	670826.86	4103188.95	70.79166	(04111008)
670816.24	4103211.45	71.71518	(04111008)	670805.62	4103233.96	72.52919	(04111008)
670795.00	4103256.46	73.29286	(04111008)	670784.38	4103278.97	73.95631	(04111008)
670773.76	4103301.47	74.57342	(04111008)	670763.14	4103323.98	75.11748	(04111008)
670752.52	4103346.48	75.60882	(04111008)	670741.89	4103368.99	76.04254	(04111008)
670731.27	4103391.49	76.43339	(04111008)	670720.65	4103414.00	76.77579	(04111008)
670710.03	4103436.51	77.07972	(04111008)	670699.41	4103459.01	77.34219	(04111008)
670688.79	4103481.52	77.57678	(04111008)	670678.17	4103504.02	77.77812	(04111008)
670667.55	4103526.53	77.95166	(04111008)	670656.93	4103549.03	78.10351	(04111008)
670646.31	4103571.54	78.22888	(04111008)	670635.69	4103594.04	78.83302	(05030308)
670625.07	4103616.55	80.33721	(05030308)	670614.45	4103639.05	81.77011	(05030308)
670603.83	4103661.56	83.15736	(05030308)	670593.21	4103684.07	84.51420	(05030308)
670582.59	4103706.57	85.80211	(05030308)	670571.97	4103729.08	87.05315	(05030308)
670561.35	4103751.58	88.25607	(05030308)	670550.72	4103774.09	89.40812	(05030308)
670540.10	4103796.59	90.52018	(05030308)	671489.06	4101689.29	47.37181	(08111508)
671506.14	4101673.83	47.49497	(08111508)	671523.23	4101658.36	47.60611	(08111508)
671540.31	4101642.90	47.68599	(08111508)	671580.40	4101628.65	50.07020	(05021803)
671603.41	4101629.86	52.36450	(05021803)	671626.43	4101631.07	54.63703	(05021803)
671649.44	4101632.28	56.86504	(05021803)	671471.98	4101704.75	47.22953	(08111508)
671461.36	4101727.26	47.18715	(08111508)	671450.74	4101749.76	47.14009	(08111508)
671440.11	4101772.27	47.09088	(08111508)	671429.49	4101794.78	47.04700	(08111508)
671418.87	4101817.28	46.99704	(08111508)	671408.25	4101839.79	46.94953	(08111508)
671397.63	4101862.29	46.90177	(08111508)	671387.01	4101884.80	46.85116	(08111508)
671376.39	4101907.30	46.79657	(08111508)	671365.77	4101929.81	46.74695	(08111508)
671355.15	4101952.31	46.69142	(08111508)	671344.53	4101974.82	46.64163	(08111508)
671333.91	4101997.32	46.57721	(08111508)	671323.29	4102019.83	46.52235	(08111508)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671312.67	4102042.34	46.45895	(08111508)	671302.05	4102064.84	46.38724	(08111508)
671291.43	4102087.35	46.31369	(08111508)	671280.81	4102109.85	46.23345	(08111508)
671270.19	4102132.36	46.15285	(08111508)	671259.57	4102154.86	46.06120	(08111508)
671248.94	4102177.37	45.95742	(08111508)	671238.32	4102199.87	45.84963	(08111508)
671227.70	4102222.38	45.72845	(08111508)	671217.08	4102244.88	45.59449	(08111508)
671206.46	4102267.39	45.53857	(06010509)	671195.84	4102289.89	45.49241	(06010509)
671185.22	4102312.40	45.44608	(06010509)	671174.60	4102334.91	45.39941	(06010509)
671163.98	4102357.41	45.35372	(06010509)	671153.36	4102379.92	45.30764	(06010509)
671142.74	4102402.42	45.26061	(06010509)	671132.12	4102424.93	45.21236	(06010509)
671121.50	4102447.43	45.16452	(06010509)	671110.88	4102469.94	45.11802	(06010509)
671100.26	4102492.44	45.06557	(06010509)	671089.64	4102514.95	45.01926	(06010509)
671079.02	4102537.45	44.97125	(06010509)	671068.40	4102559.96	44.91897	(06010509)
671057.78	4102582.47	44.86265	(06010509)	671047.15	4102604.97	44.80470	(06010509)
671036.53	4102627.48	44.73811	(06010509)	671025.91	4102649.98	44.66769	(06010509)
671015.29	4102672.49	44.58690	(06010509)	671004.67	4102694.99	44.49026	(06010509)
670994.05	4102717.50	44.37023	(06010509)	670983.43	4102740.00	44.22158	(06010509)
670972.81	4102762.51	44.03923	(06010509)	670962.19	4102785.01	43.79962	(06010509)
670951.57	4102807.52	43.49087	(06010509)	670940.95	4102830.03	43.09980	(06010509)
670930.33	4102852.53	42.59202	(06010509)	670919.71	4102875.04	42.62799	(06102817)
670909.09	4102897.54	43.02863	(06102817)	670898.47	4102920.05	43.37130	(04111008)
670887.85	4102942.55	45.77506	(04111008)	670877.23	4102965.06	48.10420	(04111008)
670866.61	4102987.56	50.34083	(04111008)	670855.98	4103010.07	52.49126	(04111008)
670845.36	4103032.57	54.54465	(04111008)	670834.74	4103055.08	56.48815	(04111008)
670824.12	4103077.59	58.34865	(04111008)	670813.50	4103100.09	60.07920	(04111008)
670802.88	4103122.60	61.71847	(04111008)	670792.26	4103145.10	63.25897	(04111008)
670781.64	4103167.61	64.67823	(04111008)	670771.02	4103190.11	66.01763	(04111008)
670760.40	4103212.62	67.25230	(04111008)	670749.78	4103235.12	68.38665	(04111008)
670739.16	4103257.63	69.44338	(04111008)	670728.54	4103280.13	70.40493	(04111008)
670717.92	4103302.64	71.28919	(04111008)	670707.30	4103325.14	72.10394	(04111008)
670696.68	4103347.65	72.84042	(04111008)	670686.06	4103370.16	73.51093	(04111008)
670675.44	4103392.66	74.11584	(04111008)	670664.82	4103415.17	74.67254	(04111008)
670654.19	4103437.67	75.16038	(04111008)	670643.57	4103460.18	75.61378	(04111008)
670632.95	4103482.68	75.99589	(04111008)	670622.33	4103505.19	76.35972	(04111008)
670611.71	4103527.69	76.66856	(04111008)	670601.09	4103550.20	76.95178	(04111008)
670590.47	4103572.70	77.18948	(04111008)	670579.85	4103595.21	77.40480	(04111008)
670569.23	4103617.72	77.59806	(04111008)	670558.61	4103640.22	77.75061	(04111008)
670547.99	4103662.73	77.89111	(04111008)	670537.37	4103685.23	78.01559	(04111008)
670526.75	4103707.74	78.10131	(04111008)	670516.13	4103730.24	78.19032	(04111008)
670505.51	4103752.75	79.34994	(05030308)	670494.89	4103775.25	80.72581	(05030308)
671443.03	4101668.69	46.68540	(08111508)	671475.57	4101639.23	47.02021	(08111508)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671508.11	4101609.78	47.31070	(08111508)	671562.56	4101581.48	47.63541	(08111508)
671606.39	4101583.79	51.04434	(05021803)	671650.22	4101586.10	55.20285	(05021803)
671416.14	4101705.92	46.53654	(06010509)	671405.52	4101728.43	46.48781	(06010509)
671394.90	4101750.93	46.44196	(06010509)	671384.28	4101773.44	46.39584	(06010509)
671373.66	4101795.94	46.34987	(06010509)	671363.04	4101818.45	46.30376	(06010509)
671352.41	4101840.95	46.25758	(06010509)	671341.79	4101863.46	46.21348	(06010509)
671331.17	4101885.96	46.16732	(06010509)	671320.55	4101908.47	46.12087	(06010509)
671309.93	4101930.97	46.07479	(06010509)	671299.31	4101953.48	46.03002	(06010509)
671288.69	4101975.99	45.98367	(06010509)	671278.07	4101998.49	45.93731	(06010509)
671267.45	4102021.00	45.89129	(06010509)	671256.83	4102043.50	45.84517	(06010509)
671246.21	4102066.01	45.79964	(06010509)	671235.59	4102088.51	45.75436	(06010509)
671224.97	4102111.02	45.70774	(06010509)	671214.35	4102133.52	45.66282	(06010509)
671203.73	4102156.03	45.61585	(06010509)	671193.11	4102178.53	45.56964	(06010509)
671182.49	4102201.04	45.52388	(06010509)	671171.87	4102223.55	45.47843	(06010509)
671161.24	4102246.05	45.43248	(06010509)	671150.62	4102268.56	45.38716	(06010509)
671140.00	4102291.06	45.33900	(06010509)	671129.38	4102313.57	45.29045	(06010509)
671118.76	4102336.07	45.24321	(06010509)	671108.14	4102358.58	45.19836	(06010509)
671097.52	4102381.08	45.14750	(06010509)	671086.90	4102403.59	45.10236	(06010509)
671076.28	4102426.09	45.04980	(06010509)	671065.66	4102448.60	44.99850	(06010509)
671055.04	4102471.11	44.94801	(06010509)	671044.42	4102493.61	44.89075	(06010509)
671033.80	4102516.12	44.83356	(06010509)	671023.18	4102538.62	44.76859	(06010509)
671012.56	4102561.13	44.69894	(06010509)	671001.94	4102583.63	44.61888	(06010509)
670991.32	4102606.14	44.52573	(06010509)	670980.70	4102628.64	44.41052	(06010509)
670970.08	4102651.15	44.27359	(06010509)	670959.45	4102673.65	44.10193	(06010509)
670948.83	4102696.16	43.87992	(06010509)	670938.21	4102718.66	43.60971	(06010509)
670927.59	4102741.17	43.25961	(06010509)	670916.97	4102763.68	42.81487	(06010509)
670906.35	4102786.18	42.25719	(06010509)	670895.73	4102808.69	41.55341	(06010509)
670885.11	4102831.19	40.68208	(06010509)	670874.49	4102853.70	40.57508	(06102817)
670863.87	4102876.20	41.26311	(06102817)	670853.25	4102898.71	41.85421	(06102817)
670842.63	4102921.21	42.34842	(06102817)	670832.01	4102943.72	42.76185	(06102817)
670821.39	4102966.22	43.10949	(06102817)	670810.77	4102988.73	43.39518	(06102817)
670800.15	4103011.24	44.51649	(04111008)	670789.53	4103033.74	46.76202	(04111008)
670778.91	4103056.25	48.94291	(04111008)	670768.28	4103078.75	51.04716	(04111008)
670757.66	4103101.26	53.05504	(04111008)	670747.04	4103123.76	54.98350	(04111008)
670736.42	4103146.27	56.81694	(04111008)	670725.80	4103168.77	58.55116	(04111008)
670715.18	4103191.28	60.20233	(04111008)	670704.56	4103213.78	61.74187	(04111008)
670693.94	4103236.29	63.19780	(04111008)	670683.32	4103258.80	64.56513	(04111008)
670672.70	4103281.30	65.82752	(04111008)	670662.08	4103303.81	67.01826	(04111008)
670651.46	4103326.31	68.10858	(04111008)	670640.84	4103348.82	69.12875	(04111008)
670630.22	4103371.32	70.06222	(04111008)	670619.60	4103393.83	70.92443	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670608.98	4103416.33	71.72033	(04111008)	670598.36	4103438.84	72.44176	(04111008)
670587.74	4103461.34	73.10509	(04111008)	670577.12	4103483.85	73.70991	(04111008)
670566.49	4103506.36	74.25506	(04111008)	670555.87	4103528.86	74.75385	(04111008)
670545.25	4103551.37	75.20144	(04111008)	670534.63	4103573.87	75.60253	(04111008)
670524.01	4103596.38	75.96525	(04111008)	670513.39	4103618.88	76.29118	(04111008)
670502.77	4103641.39	76.57793	(04111008)	670492.15	4103663.89	76.82760	(04111008)
670481.53	4103686.40	77.06001	(04111008)	670470.91	4103708.90	77.24569	(04111008)
670460.29	4103731.41	77.43919	(04111008)	670449.67	4103753.91	77.56853	(04111008)
671399.34	4101645.97	46.53148	(06010509)	671417.13	4101629.86	46.56572	(06010509)
671434.93	4101613.75	46.55294	(06010509)	671452.72	4101597.64	46.44817	(08111508)
671470.52	4101581.53	46.64882	(08111508)	671488.31	4101565.43	46.83326	(08111508)
671506.11	4101549.32	47.00200	(08111508)	671547.87	4101534.47	47.36623	(08111508)
671571.84	4101535.73	47.43056	(08111508)	671595.81	4101537.00	48.48926	(05021803)
671619.78	4101538.26	50.74874	(05021803)	671643.75	4101539.53	52.95487	(05021803)
671667.72	4101540.79	55.05844	(05021803)	671691.69	4101542.05	56.96574	(05021803)
671381.54	4101662.08	46.47773	(06010509)	671370.92	4101684.58	46.43093	(06010509)
671360.30	4101707.09	46.38161	(06010509)	671349.68	4101729.59	46.33629	(06010509)
671339.06	4101752.10	46.28979	(06010509)	671328.44	4101774.60	46.24389	(06010509)
671317.82	4101797.11	46.19798	(06010509)	671307.20	4101819.61	46.15205	(06010509)
671296.58	4101842.12	46.10610	(06010509)	671285.96	4101864.63	46.06076	(06010509)
671275.34	4101887.13	46.01513	(06010509)	671264.71	4101909.64	45.96855	(06010509)
671254.09	4101932.14	45.92322	(06010509)	671243.47	4101954.65	45.87635	(06010509)
671232.85	4101977.15	45.83064	(06010509)	671222.23	4101999.66	45.78465	(06010509)
671211.61	4102022.16	45.73999	(06010509)	671200.99	4102044.67	45.69402	(06010509)
671190.37	4102067.17	45.64746	(06010509)	671179.75	4102089.68	45.60217	(06010509)
671169.13	4102112.18	45.55553	(06010509)	671158.51	4102134.69	45.50973	(06010509)
671147.89	4102157.20	45.46343	(06010509)	671137.27	4102179.70	45.41609	(06010509)
671126.65	4102202.21	45.37070	(06010509)	671116.03	4102224.71	45.32413	(06010509)
671105.41	4102247.22	45.27676	(06010509)	671094.79	4102269.72	45.22706	(06010509)
671084.17	4102292.23	45.17870	(06010509)	671073.54	4102314.73	45.13206	(06010509)
671062.92	4102337.24	45.08424	(06010509)	671052.30	4102359.74	45.03203	(06010509)
671041.68	4102382.25	44.97969	(06010509)	671031.06	4102404.76	44.92050	(06010509)
671020.44	4102427.26	44.86363	(06010509)	671009.82	4102449.77	44.80034	(06010509)
670999.20	4102472.27	44.73089	(06010509)	670988.58	4102494.78	44.65233	(06010509)
670977.96	4102517.28	44.56019	(06010509)	670967.34	4102539.79	44.44910	(06010509)
670956.72	4102562.29	44.32343	(06010509)	670946.10	4102584.80	44.16261	(06010509)
670935.48	4102607.30	43.96674	(06010509)	670924.86	4102629.81	43.71652	(06010509)
670914.24	4102652.32	43.40316	(06010509)	670903.62	4102674.82	43.01245	(06010509)
670893.00	4102697.33	42.51604	(06010509)	670882.38	4102719.83	41.90298	(06010509)
670871.75	4102742.34	41.14399	(06010509)	670861.13	4102764.84	40.22066	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670850.51	4102787.35	39.10103	(06010509)	670839.89	4102809.85	37.76179	(06010509)
670829.27	4102832.36	37.26492	(06102817)	670818.65	4102854.86	38.29717	(06102817)
670808.03	4102877.37	39.20947	(06102817)	670797.41	4102899.88	40.00537	(06102817)
670786.79	4102922.38	40.69538	(06102817)	670776.17	4102944.89	41.29103	(06102817)
670765.55	4102967.39	41.79589	(06102817)	670754.93	4102989.90	42.23067	(06102817)
670744.31	4103012.40	42.59503	(06102817)	670733.69	4103034.91	42.89344	(06102817)
670723.07	4103057.41	43.14288	(06102817)	670712.45	4103079.92	43.36230	(04111008)
670701.83	4103102.42	45.53918	(04111008)	670691.21	4103124.93	47.65947	(04111008)
670680.58	4103147.43	49.70632	(04111008)	670669.96	4103169.94	51.67776	(04111008)
670659.34	4103192.45	53.57995	(04111008)	670648.72	4103214.95	55.38561	(04111008)
670638.10	4103237.46	57.12024	(04111008)	670627.48	4103259.96	58.75594	(04111008)
670616.86	4103282.47	60.31289	(04111008)	670606.24	4103304.97	61.78419	(04111008)
670595.62	4103327.48	63.15997	(04111008)	670585.00	4103349.98	64.47070	(04111008)
670574.38	4103372.49	65.67191	(04111008)	670563.76	4103394.99	66.81684	(04111008)
670553.14	4103417.50	67.86906	(04111008)	670542.52	4103440.01	68.85006	(04111008)
670531.90	4103462.51	69.76068	(04111008)	670521.28	4103485.02	70.59542	(04111008)
670510.66	4103507.52	71.37810	(04111008)	670500.04	4103530.03	72.08309	(04111008)
670489.41	4103552.53	72.73598	(04111008)	670478.79	4103575.04	73.33579	(04111008)
670468.17	4103597.54	73.87218	(04111008)	670457.55	4103620.05	74.38251	(04111008)
670446.93	4103642.55	74.82604	(04111008)	670436.31	4103665.06	75.23831	(04111008)
670425.69	4103687.57	75.59498	(04111008)	670415.07	4103710.07	75.93984	(04111008)
670404.45	4103732.58	76.22797	(04111008)	671323.43	4101610.89	46.36453	(06010509)
671340.69	4101595.27	46.42478	(06010509)	671357.94	4101579.65	46.47409	(06010509)
671375.20	4101564.03	46.50721	(06010509)	671392.46	4101548.41	46.50092	(06010509)
671409.71	4101532.79	46.41611	(06010509)	671426.97	4101517.17	46.18447	(06010509)
671444.22	4101501.55	45.72069	(06010509)	671461.48	4101485.93	45.87606	(08111508)
671478.73	4101470.31	46.07620	(08111508)	671519.23	4101455.91	46.58488	(08111508)
671542.48	4101457.14	46.80808	(08111508)	671565.72	4101458.36	46.86437	(08111508)
671588.96	4101459.59	46.64311	(08111508)	671612.21	4101460.81	47.55527	(05021803)
671635.45	4101462.04	49.61515	(05021803)	671658.69	4101463.26	51.59325	(05021803)
671681.94	4101464.49	53.41825	(05021803)	671705.18	4101465.71	55.01311	(05021803)
671728.42	4101466.94	56.23254	(05021803)	671306.18	4101626.51	46.30359	(06010509)
671295.56	4101649.02	46.25787	(06010509)	671284.94	4101671.52	46.21168	(06010509)
671274.32	4101694.03	46.16601	(06010509)	671263.70	4101716.53	46.12008	(06010509)
671253.07	4101739.04	46.07410	(06010509)	671242.45	4101761.54	46.02854	(06010509)
671231.83	4101784.05	45.98245	(06010509)	671221.21	4101806.55	45.93625	(06010509)
671210.59	4101829.06	45.89049	(06010509)	671199.97	4101851.57	45.84464	(06010509)
671189.35	4101874.07	45.79882	(06010509)	671178.73	4101896.58	45.75283	(06010509)
671168.11	4101919.08	45.70717	(06010509)	671157.49	4101941.59	45.66111	(06010509)
671146.87	4101964.09	45.61531	(06010509)	671136.25	4101986.60	45.56944	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671125.63	4102009.10	45.52174	(06010509)	671115.01	4102031.61	45.47561	(06010509)
671104.39	4102054.11	45.42870	(06010509)	671093.77	4102076.62	45.38051	(06010509)
671083.15	4102099.13	45.33296	(06010509)	671072.53	4102121.63	45.28339	(06010509)
671061.90	4102144.14	45.23793	(06010509)	671051.28	4102166.64	45.18655	(06010509)
671040.66	4102189.15	45.13721	(06010509)	671030.04	4102211.65	45.08920	(06010509)
671019.42	4102234.16	45.03437	(06010509)	671008.80	4102256.66	44.98060	(06010509)
670998.18	4102279.17	44.91895	(06010509)	670987.56	4102301.67	44.85761	(06010509)
670976.94	4102324.18	44.78992	(06010509)	670966.32	4102346.69	44.71581	(06010509)
670955.70	4102369.19	44.62746	(06010509)	670945.08	4102391.70	44.52372	(06010509)
670934.46	4102414.20	44.40917	(06010509)	670923.84	4102436.71	44.26435	(06010509)
670913.22	4102459.21	44.08919	(06010509)	670902.60	4102481.72	43.87619	(06010509)
670891.98	4102504.22	43.61376	(06010509)	670881.36	4102526.73	43.28577	(06010509)
670870.74	4102549.23	42.88072	(06010509)	670860.11	4102571.74	42.38450	(06010509)
670849.49	4102594.25	41.77970	(06010509)	670838.87	4102616.75	41.03799	(06010509)
670828.25	4102639.26	40.15149	(06010509)	670817.63	4102661.76	39.08729	(06010509)
670807.01	4102684.27	37.83600	(06010509)	670796.39	4102706.77	36.37891	(06010509)
670785.77	4102729.28	36.27463	(05030108)	670775.15	4102751.78	36.23754	(05030108)
670764.53	4102774.29	36.20042	(05030108)	670753.91	4102796.79	36.16331	(05030108)
670743.29	4102819.30	36.12625	(05030108)	670732.67	4102841.80	36.08917	(05030108)
670722.05	4102864.31	36.05218	(05030108)	670711.43	4102886.82	36.01501	(05030108)
670700.81	4102909.32	36.08295	(06102817)	670690.19	4102931.83	37.07451	(06102817)
670679.57	4102954.33	37.94971	(06102817)	670668.94	4102976.84	38.73266	(06102817)
670658.32	4102999.34	39.42149	(06102817)	670647.70	4103021.85	40.01745	(06102817)
670637.08	4103044.35	40.54200	(06102817)	670626.46	4103066.86	40.98685	(06102817)
670615.84	4103089.36	41.37336	(06102817)	670605.22	4103111.87	41.69676	(06102817)
670594.60	4103134.38	41.96653	(06102817)	670583.98	4103156.88	42.19662	(06102817)
670573.36	4103179.39	42.94433	(07012517)	670562.74	4103201.89	44.04884	(07012517)
670552.12	4103224.40	45.05938	(07012517)	670541.50	4103246.90	46.40377	(04111008)
670530.88	4103269.41	48.33737	(04111008)	670520.26	4103291.91	50.22329	(04111008)
670509.64	4103314.42	52.03648	(04111008)	670499.02	4103336.92	53.78325	(04111008)
670488.40	4103359.43	55.46532	(04111008)	670477.78	4103381.94	57.06161	(04111008)
670467.15	4103404.44	58.59416	(04111008)	670456.53	4103426.95	60.03868	(04111008)
670445.91	4103449.45	61.42568	(04111008)	670435.29	4103471.96	62.71685	(04111008)
670424.67	4103494.46	63.95814	(04111008)	670414.05	4103516.97	65.10128	(04111008)
670403.43	4103539.47	66.19217	(04111008)	670392.81	4103561.98	67.21116	(04111008)
670382.19	4103584.48	68.15674	(04111008)	670371.57	4103606.99	69.04704	(04111008)
670360.95	4103629.50	69.86997	(04111008)	670350.33	4103652.00	70.62942	(04111008)
670339.71	4103674.51	71.34823	(04111008)	670329.09	4103697.01	71.98741	(04111008)
671249.07	4101574.43	46.19580	(06010509)	671267.32	4101557.90	46.25611	(06010509)
671285.57	4101541.38	46.31981	(06010509)	671303.82	4101524.86	46.38314	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671322.07	4101508.34	46.43212	(06010509)	671340.32	4101491.82	46.45704	(06010509)
671358.57	4101475.30	46.43157	(06010509)	671376.82	4101458.77	46.31720	(06010509)
671395.08	4101442.25	46.02808	(06010509)	671413.33	4101425.73	45.48939	(06010509)
671431.58	4101409.21	44.72642	(08111508)	671449.83	4101392.69	44.95813	(08111508)
671492.66	4101377.46	45.58280	(08111508)	671517.25	4101378.76	45.91894	(08111508)
671541.83	4101380.05	46.09601	(08111508)	671566.42	4101381.35	46.03731	(08111508)
671591.00	4101382.65	45.61730	(08111508)	671615.59	4101383.94	45.51886	(05021803)
671640.17	4101385.24	47.58624	(05021803)	671664.76	4101386.53	49.53886	(05021803)
671689.34	4101387.83	51.31546	(05021803)	671713.92	4101389.12	52.79702	(05021803)
671738.51	4101390.42	53.87077	(05021803)	671763.09	4101391.72	54.36175	(05021803)
671230.81	4101590.95	46.13488	(06010509)	671220.19	4101613.45	46.08922	(06010509)
671209.57	4101635.96	46.04288	(06010509)	671198.95	4101658.46	45.99753	(06010509)
671188.33	4101680.97	45.95166	(06010509)	671177.71	4101703.47	45.90576	(06010509)
671167.09	4101725.98	45.85980	(06010509)	671156.47	4101748.48	45.81472	(06010509)
671145.85	4101770.99	45.76883	(06010509)	671135.23	4101793.50	45.72287	(06010509)
671124.61	4101816.00	45.67679	(06010509)	671113.99	4101838.51	45.62920	(06010509)
671103.37	4101861.01	45.58190	(06010509)	671092.75	4101883.52	45.53294	(06010509)
671082.13	4101906.02	45.48589	(06010509)	671071.51	4101928.53	45.44234	(06010509)
671060.89	4101951.03	45.39198	(06010509)	671050.27	4101973.54	45.34305	(06010509)
671039.64	4101996.04	45.29446	(06010509)	671029.02	4102018.55	45.24938	(06010509)
671018.40	4102041.06	45.19550	(06010509)	671007.78	4102063.56	45.14724	(06010509)
670997.16	4102086.07	45.09279	(06010509)	670986.54	4102108.57	45.03890	(06010509)
670975.92	4102131.08	44.97865	(06010509)	670965.30	4102153.58	44.91848	(06010509)
670954.68	4102176.09	44.85335	(06010509)	670944.06	4102198.59	44.78135	(06010509)
670933.44	4102221.10	44.69585	(06010509)	670922.82	4102243.60	44.60293	(06010509)
670912.20	4102266.11	44.49535	(06010509)	670901.58	4102288.62	44.36454	(06010509)
670890.96	4102311.12	44.20809	(06010509)	670880.34	4102333.63	44.02260	(06010509)
670869.72	4102356.13	43.79255	(06010509)	670859.10	4102378.64	43.51780	(06010509)
670848.47	4102401.14	43.18348	(06010509)	670837.85	4102423.65	42.77231	(06010509)
670827.23	4102446.15	42.27686	(06010509)	670816.61	4102468.66	41.67609	(06010509)
670805.99	4102491.16	40.95575	(06010509)	670795.37	4102513.67	40.10191	(06010509)
670784.75	4102536.18	39.09353	(06010509)	670774.13	4102558.68	37.91577	(06010509)
670763.51	4102581.19	36.56180	(06010509)	670752.89	4102603.69	36.41697	(05030108)
670742.27	4102626.20	36.37989	(05030108)	670731.65	4102648.70	36.34281	(05030108)
670721.03	4102671.21	36.30571	(05030108)	670710.41	4102693.71	36.26861	(05030108)
670699.79	4102716.22	36.23148	(05030108)	670689.17	4102738.72	36.19435	(05030108)
670678.55	4102761.23	36.15723	(05030108)	670667.93	4102783.73	36.12012	(05030108)
670657.30	4102806.24	36.08313	(05030108)	670646.68	4102828.75	36.04609	(05030108)
670636.06	4102851.25	36.00879	(05030108)	670625.44	4102873.76	35.97195	(05030108)
670614.82	4102896.26	35.93480	(05030108)	670604.20	4102918.77	35.89794	(05030108)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670593.58	4102941.27	35.86085	(05030108)	670582.96	4102963.78	35.82376	(05030108)
670572.34	4102986.28	35.78670	(05030108)	670561.72	4103008.79	35.74964	(05030108)
670551.10	4103031.29	36.51723	(06102817)	670540.48	4103053.80	37.28318	(06102817)
670529.86	4103076.31	37.95292	(06102817)	670519.24	4103098.81	38.54988	(06102817)
670508.62	4103121.32	39.07133	(06102817)	670498.00	4103143.82	39.52881	(06102817)
670487.38	4103166.33	39.91993	(06102817)	670476.76	4103188.83	40.26399	(06102817)
670466.14	4103211.34	40.55499	(06102817)	670455.51	4103233.84	40.79735	(06102817)
670444.89	4103256.35	41.29122	(07012517)	670434.27	4103278.85	42.47213	(07012517)
670423.65	4103301.36	43.56821	(07012517)	670413.03	4103323.87	44.58166	(07012517)
670402.41	4103346.37	45.51313	(07012517)	670391.79	4103368.88	46.36873	(07012517)
670381.17	4103391.38	47.14403	(04111008)	670370.55	4103413.89	48.95048	(04111008)
670359.93	4103436.39	50.67949	(04111008)	670349.31	4103458.90	52.37080	(04111008)
670338.69	4103481.40	53.98732	(04111008)	670328.07	4103503.91	55.54921	(04111008)
670317.45	4103526.41	57.04284	(04111008)	670306.83	4103548.92	58.47229	(04111008)
670296.21	4103571.43	59.83876	(04111008)	670285.59	4103593.93	61.12921	(04111008)
670274.97	4103616.44	62.36463	(04111008)	670264.34	4103638.94	63.52936	(04111008)
670253.72	4103661.45	64.62662	(04111008)	671173.25	4101539.27	46.02290	(06010509)
671191.04	4101523.17	46.08402	(06010509)	671208.84	4101507.06	46.14139	(06010509)
671226.63	4101490.95	46.20401	(06010509)	671244.43	4101474.84	46.26670	(06010509)
671262.22	4101458.73	46.32528	(06010509)	671280.02	4101442.62	46.37147	(06010509)
671297.81	4101426.51	46.40358	(06010509)	671315.61	4101410.41	46.39771	(06010509)
671333.40	4101394.30	46.31269	(06010509)	671351.20	4101378.19	46.11219	(06010509)
671368.99	4101362.08	45.73837	(06010509)	671386.79	4101345.97	45.08290	(06010509)
671404.58	4101329.86	44.08668	(06010509)	671422.38	4101313.75	43.77763	(08111508)
671464.14	4101298.91	44.44108	(08111508)	671488.11	4101300.17	44.83095	(08111508)
671512.08	4101301.44	45.11016	(08111508)	671536.05	4101302.70	45.22718	(08111508)
671560.02	4101303.96	45.09223	(08111508)	671583.99	4101305.23	44.61060	(08111508)
671607.96	4101306.49	43.67621	(08111508)	671631.93	4101307.75	44.64308	(05021803)
671655.90	4101309.02	46.50344	(05021803)	671679.87	4101310.28	48.21727	(05021803)
671703.84	4101311.54	49.72178	(05021803)	671727.81	4101312.81	50.91114	(05021803)
671751.78	4101314.07	51.67478	(05021803)	671775.75	4101315.33	51.90805	(05021803)
671799.72	4101316.60	53.26497	(07042002)	671155.45	4101555.38	45.96407	(06010509)
671144.83	4101577.89	45.91858	(06010509)	671134.21	4101600.39	45.87278	(06010509)
671123.59	4101622.90	45.82697	(06010509)	671112.97	4101645.40	45.78117	(06010509)
671102.35	4101667.91	45.73628	(06010509)	671091.73	4101690.41	45.69217	(06010509)
671081.11	4101712.92	45.64101	(06010509)	671070.49	4101735.43	45.59770	(06010509)
671059.87	4101757.93	45.55215	(06010509)	671049.25	4101780.44	45.49687	(06010509)
671038.63	4101802.94	45.45437	(06010509)	671028.00	4101825.45	45.40633	(06010509)
671017.38	4101847.95	45.35633	(06010509)	671006.76	4101870.46	45.30961	(06010509)
670996.14	4101892.96	45.25875	(06010509)	670985.52	4101915.47	45.20477	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670974.90	4101937.97	45.15515	(06010509)	670964.28	4101960.48	45.10079	(06010509)
670953.66	4101982.99	45.04243	(06010509)	670943.04	4102005.49	44.98349	(06010509)
670932.42	4102028.00	44.91936	(06010509)	670921.80	4102050.50	44.84801	(06010509)
670911.18	4102073.01	44.76492	(06010509)	670900.56	4102095.51	44.67959	(06010509)
670889.94	4102118.02	44.57584	(06010509)	670879.32	4102140.52	44.45465	(06010509)
670868.70	4102163.03	44.32202	(06010509)	670858.08	4102185.53	44.15293	(06010509)
670847.46	4102208.04	43.96121	(06010509)	670836.83	4102230.55	43.71834	(06010509)
670826.21	4102253.05	43.43357	(06010509)	670815.59	4102275.56	43.09051	(06010509)
670804.97	4102298.06	42.67896	(06010509)	670794.35	4102320.57	42.18400	(06010509)
670783.73	4102343.07	41.59270	(06010509)	670773.11	4102365.58	40.89357	(06010509)
670762.49	4102388.08	40.07508	(06010509)	670751.87	4102410.59	39.11292	(06010509)
670741.25	4102433.09	38.00808	(06010509)	670730.63	4102455.60	36.73821	(06010509)
670720.01	4102478.11	36.55889	(05030108)	670709.39	4102500.61	36.52187	(05030108)
670698.77	4102523.12	36.48489	(05030108)	670688.15	4102545.62	36.44793	(05030108)
670677.53	4102568.13	36.41085	(05030108)	670666.91	4102590.63	36.37379	(05030108)
670656.29	4102613.14	36.33668	(05030108)	670645.67	4102635.64	36.29961	(05030108)
670635.04	4102658.15	36.26246	(05030108)	670624.42	4102680.65	36.22536	(05030108)
670613.80	4102703.16	36.18825	(05030108)	670603.18	4102725.66	36.15124	(05030108)
670592.56	4102748.17	36.11420	(05030108)	670581.94	4102770.68	36.07716	(05030108)
670571.32	4102793.18	36.04013	(05030108)	670560.70	4102815.69	36.00299	(05030108)
670550.08	4102838.19	35.96588	(05030108)	670539.46	4102860.70	35.92885	(05030108)
670528.84	4102883.20	35.89180	(05030108)	670518.22	4102905.71	35.85480	(05030108)
670507.60	4102928.21	35.81770	(05030108)	670496.98	4102950.72	35.78062	(05030108)
670486.36	4102973.22	35.74347	(05030108)	670475.74	4102995.73	35.70648	(05030108)
670465.12	4103018.24	35.66944	(05030108)	670454.50	4103040.74	35.90256	(07012617)
670443.87	4103063.25	36.12472	(07012617)	670433.25	4103085.75	36.29779	(07012617)
670422.63	4103108.26	36.43170	(07012617)	670412.01	4103130.76	36.53219	(07012617)
670401.39	4103153.27	36.59992	(07012617)	670390.77	4103175.77	37.02148	(06102817)
670380.15	4103198.28	37.53747	(06102817)	670369.53	4103220.78	37.99814	(06102817)
670358.91	4103243.29	38.39976	(06102817)	670348.29	4103265.80	38.75200	(06102817)
670337.67	4103288.30	39.04736	(06102817)	670327.05	4103310.81	39.31714	(06102817)
670316.43	4103333.31	39.53302	(06102817)	670305.81	4103355.82	40.46357	(07012517)
670295.19	4103378.32	41.61718	(07012517)	670284.57	4103400.83	42.69240	(07012517)
670273.95	4103423.33	43.69147	(07012517)	670263.33	4103445.84	44.62266	(07012517)
670252.71	4103468.34	45.47496	(07012517)	670242.08	4103490.85	46.26473	(07012517)
670231.46	4103513.36	46.99287	(07012517)	670220.84	4103535.86	47.82713	(04111008)
670210.22	4103558.37	49.48328	(04111008)	670199.60	4103580.87	51.10802	(04111008)
670188.98	4103603.38	52.67539	(04111008)	670178.36	4103625.88	54.19170	(04111008)
670947.16	4101432.58	45.50982	(06010509)	670964.95	4101416.47	45.57312	(06010509)
670982.75	4101400.36	45.63386	(06010509)	671000.54	4101384.25	45.69922	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671018.34	4101368.15	45.75883	(06010509)	671036.13	4101352.04	45.82013	(06010509)
671053.93	4101335.93	45.88279	(06010509)	671071.72	4101319.82	45.94068	(06010509)
671089.52	4101303.71	46.00066	(06010509)	671107.31	4101287.60	46.06256	(06010509)
671125.11	4101271.49	46.12025	(06010509)	671142.90	4101255.39	46.17065	(06010509)
671160.70	4101239.28	46.22143	(06010509)	671178.49	4101223.17	46.25066	(06010509)
671196.29	4101207.06	46.25798	(06010509)	671214.08	4101190.95	46.21135	(06010509)
671231.88	4101174.84	46.08976	(06010509)	671249.67	4101158.74	45.85495	(06010509)
671267.47	4101142.63	45.46955	(06010509)	671285.26	4101126.52	44.87197	(06010509)
671303.06	4101110.41	44.01069	(06010509)	671320.85	4101094.30	42.83302	(06010509)
671338.65	4101078.19	41.30420	(06010509)	671380.41	4101063.35	40.38461	(08111508)
671404.38	4101064.61	40.80201	(08111508)	671428.35	4101065.87	41.16818	(08111508)
671452.32	4101067.14	41.46945	(08111508)	671476.29	4101068.40	41.65153	(08111508)
671500.26	4101069.66	41.66558	(08111508)	671524.23	4101070.93	41.46615	(08111508)
671548.20	4101072.19	40.98571	(08111508)	671572.17	4101073.45	40.14942	(08111508)
671596.14	4101074.72	38.90128	(08111508)	671620.11	4101075.98	37.70639	(05021803)
671644.08	4101077.25	39.38263	(05021803)	671668.05	4101078.51	40.94792	(05021803)
671692.02	4101079.77	42.36864	(05021803)	671715.99	4101081.04	43.57755	(05021803)
671739.96	4101082.30	44.52529	(05021803)	671763.93	4101083.56	45.12163	(05021803)
671787.90	4101084.83	45.33260	(05021803)	671811.87	4101086.09	45.80988	(08011717)
671835.84	4101087.35	47.58001	(08011717)	671859.81	4101088.62	48.87723	(08011717)
671883.78	4101089.88	50.76681	(07011517)	671907.75	4101091.14	55.28756	(07011517)
670929.36	4101448.69	45.44748	(06010509)	670918.74	4101471.19	45.39784	(06010509)
670908.12	4101493.70	45.34571	(06010509)	670897.50	4101516.20	45.28993	(06010509)
670886.88	4101538.71	45.23504	(06010509)	670876.26	4101561.22	45.18044	(06010509)
670865.64	4101583.72	45.12072	(06010509)	670855.02	4101606.23	45.05471	(06010509)
670844.40	4101628.73	44.98872	(06010509)	670833.78	4101651.24	44.90770	(06010509)
670823.16	4101673.74	44.82177	(06010509)	670812.54	4101696.25	44.73167	(06010509)
670801.92	4101718.75	44.62759	(06010509)	670791.29	4101741.26	44.50285	(06010509)
670780.67	4101763.76	44.36056	(06010509)	670770.05	4101786.27	44.19914	(06010509)
670759.43	4101808.78	44.01690	(06010509)	670748.81	4101831.28	43.79328	(06010509)
670738.19	4101853.79	43.53807	(06010509)	670727.57	4101876.29	43.23602	(06010509)
670716.95	4101898.80	42.88316	(06010509)	670706.33	4101921.30	42.47088	(06010509)
670695.71	4101943.81	41.99442	(06010509)	670685.09	4101966.31	41.44128	(06010509)
670674.47	4101988.82	40.80266	(06010509)	670663.85	4102011.32	40.07632	(06010509)
670653.23	4102033.83	39.24339	(06010509)	670642.61	4102056.34	38.29597	(06010509)
670631.99	4102078.84	37.23344	(06010509)	670621.37	4102101.35	36.98613	(05030108)
670610.75	4102123.85	36.94915	(05030108)	670600.12	4102146.36	36.91210	(05030108)
670589.50	4102168.86	36.87497	(05030108)	670578.88	4102191.37	36.83784	(05030108)
670568.26	4102213.87	36.80072	(05030108)	670557.64	4102236.38	36.76363	(05030108)
670547.02	4102258.88	36.72655	(05030108)	670536.40	4102281.39	36.68952	(05030108)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670525.78	4102303.89	36.65250	(05030108)	670515.16	4102326.40	36.61541	(05030108)
670504.54	4102348.91	36.57831	(05030108)	670493.92	4102371.41	36.54124	(05030108)
670483.30	4102393.92	36.50435	(05030108)	670472.68	4102416.42	36.46728	(05030108)
670462.06	4102438.93	36.43007	(05030108)	670451.44	4102461.43	36.39300	(05030108)
670440.82	4102483.94	36.35572	(05030108)	670430.20	4102506.44	36.31865	(05030108)
670419.58	4102528.95	36.28161	(05030108)	670408.96	4102551.45	36.24460	(05030108)
670398.33	4102573.96	36.20758	(05030108)	670387.71	4102596.47	36.17055	(05030108)
670377.09	4102618.97	36.13355	(05030108)	670366.47	4102641.48	36.09652	(05030108)
670355.85	4102663.98	36.05951	(05030108)	670345.23	4102686.49	36.02244	(05030108)
670334.61	4102708.99	35.98536	(05030108)	670323.99	4102731.50	35.94820	(05030108)
670313.37	4102754.00	35.91099	(05030108)	670302.75	4102776.51	35.87379	(05030108)
670292.13	4102799.01	35.83682	(05030108)	670281.51	4102821.52	35.79970	(05030108)
670270.89	4102844.03	35.76249	(05030108)	670260.27	4102866.53	35.72444	(05030108)
670249.65	4102889.04	35.68519	(05030108)	670239.03	4102911.54	35.64298	(05030108)
670228.41	4102934.05	35.59495	(05030108)	670217.79	4102956.55	35.53531	(05030108)
670207.16	4102979.06	35.45342	(05030108)	670196.54	4103001.56	35.33288	(05030108)
670185.92	4103024.07	35.14579	(05030108)	670175.30	4103046.57	34.85118	(05030108)
670164.68	4103069.08	34.60046	(07012617)	670154.06	4103091.59	35.41824	(07012617)
670143.44	4103114.09	36.13381	(07012617)	670132.82	4103136.60	36.75949	(07012617)
670122.20	4103159.10	37.30471	(07012617)	670111.58	4103181.61	37.76741	(07012617)
670100.96	4103204.11	38.16279	(07012617)	670090.34	4103226.62	38.49240	(07012617)
670079.72	4103249.12	38.76299	(07012617)	670069.10	4103271.63	38.99251	(07012617)
670058.48	4103294.13	39.17178	(07012617)	670047.86	4103316.64	39.32158	(07012617)
670037.24	4103339.14	39.43375	(07012617)	670026.62	4103361.65	39.52187	(07012617)
670016.00	4103384.16	39.58115	(07012617)	670005.37	4103406.66	39.63202	(07012617)
669994.75	4103429.17	39.66069	(07012617)	669984.13	4103451.67	39.67282	(07012617)
669973.51	4103474.18	39.68029	(07012617)	669962.89	4103496.68	39.67324	(07012617)
669952.27	4103519.19	39.66540	(07012617)	670721.64	4101325.37	44.74166	(06010509)
670740.01	4101308.74	44.87994	(06010509)	670758.38	4101292.11	45.00016	(06010509)
670776.75	4101275.48	45.09888	(06010509)	670795.12	4101258.85	45.19276	(06010509)
670813.49	4101242.23	45.27557	(06010509)	670831.86	4101225.60	45.35156	(06010509)
670850.22	4101208.97	45.42468	(06010509)	670868.59	4101192.34	45.50267	(06010509)
670886.96	4101175.71	45.56320	(06010509)	670905.33	4101159.09	45.63211	(06010509)
670923.70	4101142.46	45.69831	(06010509)	670942.07	4101125.83	45.76447	(06010509)
670960.44	4101109.20	45.82491	(06010509)	670978.81	4101092.57	45.88567	(06010509)
670997.18	4101075.94	45.94900	(06010509)	671015.55	4101059.32	46.00599	(06010509)
671033.91	4101042.69	46.06291	(06010509)	671052.28	4101026.06	46.10304	(06010509)
671070.65	4101009.43	46.12695	(06010509)	671089.02	4100992.80	46.11758	(06010509)
671107.39	4100976.18	46.05909	(06010509)	671125.76	4100959.55	45.94059	(06010509)
671144.13	4100942.92	45.71238	(06010509)	671162.50	4100926.29	45.36083	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671180.87	4100909.66	44.83226	(06010509)	671199.24	4100893.04	44.08693	(06010509)
671217.60	4100876.41	43.08389	(06010509)	671235.97	4100859.78	41.80204	(06010509)
671254.34	4100843.15	40.20606	(06010509)	671297.45	4100827.83	37.13812	(08111508)
671322.20	4100829.13	37.58522	(08111508)	671346.94	4100830.44	38.00314	(08111508)
671371.68	4100831.74	38.37652	(08111508)	671396.43	4100833.04	38.68302	(08111508)
671421.17	4100834.35	38.89358	(08111508)	671445.91	4100835.65	38.98500	(08111508)
671470.66	4100836.96	38.89514	(08111508)	671495.40	4100838.26	38.59514	(08111508)
671520.14	4100839.56	38.03291	(08111508)	671544.88	4100840.87	37.14432	(08111508)
671569.63	4100842.17	35.90935	(08111508)	671594.37	4100843.48	34.29111	(08111508)
671619.11	4100844.78	33.43655	(06040323)	671643.86	4100846.08	34.35458	(05021803)
671668.60	4100847.39	35.81920	(05021803)	671693.34	4100848.69	37.14822	(05021803)
671718.08	4100850.00	38.30611	(05021803)	671742.83	4100851.30	39.23774	(05021803)
671767.57	4100852.61	39.89381	(05021803)	671792.31	4100853.91	40.23662	(05021803)
671817.06	4100855.21	40.47079	(04022208)	671841.80	4100856.52	41.36549	(04022208)
671866.54	4100857.82	43.20067	(08011717)	671891.29	4100859.13	44.64958	(08011717)
671916.03	4100860.43	45.57411	(08011717)	671940.77	4100861.73	45.85733	(08011717)
671965.51	4100863.04	48.93355	(07011517)	671990.26	4100864.34	52.53265	(07011517)
672015.00	4100865.65	55.73558	(07011517)	670703.27	4101341.99	44.58156	(06010509)
670692.65	4101364.50	44.43521	(06010509)	670682.03	4101387.01	44.28684	(06010509)
670671.41	4101409.51	44.10934	(06010509)	670660.79	4101432.02	43.90584	(06010509)
670650.17	4101454.52	43.67543	(06010509)	670639.55	4101477.03	43.41125	(06010509)
670628.93	4101499.53	43.10677	(06010509)	670618.31	4101522.04	42.75608	(06010509)
670607.69	4101544.54	42.35400	(06010509)	670597.07	4101567.05	41.91570	(06010509)
670586.45	4101589.55	41.39339	(06010509)	670575.83	4101612.06	40.81112	(06010509)
670565.21	4101634.57	40.15123	(06010509)	670554.58	4101657.07	39.41900	(06010509)
670543.96	4101679.58	38.59762	(06010509)	670533.34	4101702.08	37.67935	(06010509)
670522.72	4101724.59	37.07723	(05030108)	670512.10	4101747.09	37.18651	(05030108)
670501.48	4101769.60	37.23567	(05030108)	670490.86	4101792.10	37.24919	(05030108)
670480.24	4101814.61	37.23775	(05030108)	670469.62	4101837.11	37.21575	(05030108)
670459.00	4101859.62	37.18462	(05030108)	670448.38	4101882.12	37.15141	(05030108)
670437.76	4101904.63	37.11644	(05030108)	670427.14	4101927.14	37.07934	(05030108)
670416.52	4101949.64	37.04247	(05030108)	670405.90	4101972.15	37.00518	(05030108)
670395.28	4101994.65	36.96811	(05030108)	670384.66	4102017.16	36.93109	(05030108)
670374.04	4102039.66	36.89411	(05030108)	670363.42	4102062.17	36.85711	(05030108)
670352.79	4102084.67	36.82009	(05030108)	670342.17	4102107.18	36.78289	(05030108)
670331.55	4102129.68	36.74583	(05030108)	670320.93	4102152.19	36.70875	(05030108)
670310.31	4102174.70	36.67124	(05030108)	670299.69	4102197.20	36.63420	(05030108)
670289.07	4102219.71	36.59715	(05030108)	670278.45	4102242.21	36.56011	(05030108)
670267.83	4102264.72	36.52306	(05030108)	670257.21	4102287.22	36.48602	(05030108)
670246.59	4102309.73	36.44896	(05030108)	670235.97	4102332.23	36.41191	(05030108)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670225.35	4102354.74	36.37485	(05030108)	670214.73	4102377.24	36.33780	(05030108)
670204.11	4102399.75	36.30073	(05030108)	670193.49	4102422.26	36.26378	(05030108)
670182.87	4102444.76	36.22683	(05030108)	670172.25	4102467.27	36.18997	(05030108)
670161.62	4102489.77	36.15286	(05030108)	670151.00	4102512.28	36.11573	(05030108)
670140.38	4102534.78	36.07855	(05030108)	670129.76	4102557.29	36.04136	(05030108)
670119.14	4102579.79	36.00418	(05030108)	670108.52	4102602.30	35.96714	(05030108)
670097.90	4102624.80	35.93004	(05030108)	670087.28	4102647.31	35.89281	(05030108)
670076.66	4102669.82	35.85634	(05030108)	670066.04	4102692.32	35.81810	(05030108)
670055.42	4102714.83	35.77874	(05030108)	670044.80	4102737.33	35.73770	(05030108)
670034.18	4102759.84	35.69292	(05030108)	670023.56	4102782.34	35.64142	(05030108)
670012.94	4102804.85	35.57662	(05030108)	670002.32	4102827.35	35.49157	(05030108)
669991.70	4102849.86	35.37161	(05030108)	669981.08	4102872.36	35.19789	(05030108)
669970.45	4102894.87	34.94137	(05030108)	669959.83	4102917.37	34.56616	(05030108)
669949.21	4102939.88	34.02770	(05030108)	669938.59	4102962.39	33.27579	(05030108)
669927.97	4102984.89	32.26112	(05030108)	669917.35	4103007.40	30.93614	(05030108)
669906.73	4103029.90	29.58183	(06021708)	669896.11	4103052.41	29.56162	(06021708)
669885.49	4103074.91	29.53261	(06021708)	669874.87	4103097.42	29.50917	(06021708)
669864.25	4103119.92	29.48245	(06021708)	669853.63	4103142.43	29.82425	(07012617)
669843.01	4103164.93	31.02436	(07012617)	669832.39	4103187.44	32.13439	(07012617)
669821.77	4103209.95	33.15584	(07012617)	669811.15	4103232.45	34.08877	(07012617)
669800.53	4103254.96	34.93610	(07012617)	669789.91	4103277.46	35.70418	(07012617)
669779.29	4103299.97	36.38676	(07012617)	669768.66	4103322.47	36.99292	(07012617)
669758.04	4103344.98	37.52665	(07012617)	669747.42	4103367.48	37.99803	(07012617)
669736.80	4103389.99	38.40566	(07012617)	669726.18	4103412.49	38.75045	(07012617)
670269.27	4101112.16	31.95264	(06010509)	670287.44	4101095.70	33.38847	(06010509)
670305.61	4101079.25	19.64312	(04012717)	670323.79	4101062.80	19.07311	(06010209)
670341.96	4101046.35	19.03778	(06010209)	670360.14	4101029.90	19.09326	(06010509)
670378.31	4101013.45	39.18545	(06010509)	670396.48	4100997.00	40.24204	(06010509)
670414.66	4100980.55	41.07651	(06010509)	670432.83	4100964.09	41.72837	(06010509)
670451.00	4100947.64	42.29888	(06010509)	670469.18	4100931.19	42.79762	(06010509)
670487.35	4100914.74	43.21859	(06010509)	670505.52	4100898.29	43.59009	(06010509)
670523.70	4100881.84	43.90272	(06010509)	670541.87	4100865.39	44.17157	(06010509)
670560.04	4100848.94	44.39978	(06010509)	670578.22	4100832.48	44.59183	(06010509)
670596.39	4100816.03	44.76595	(06010509)	670614.57	4100799.58	44.90378	(06010509)
670632.74	4100783.13	45.04399	(06010509)	670650.91	4100766.68	45.15720	(06010509)
670669.09	4100750.23	45.25723	(06010509)	670687.26	4100733.78	45.35011	(06010509)
670705.43	4100717.33	45.43610	(06010509)	670723.61	4100700.87	45.50779	(06010509)
670741.78	4100684.42	45.57984	(06010509)	670759.95	4100667.97	45.64805	(06010509)
670778.13	4100651.52	45.71069	(06010509)	670796.30	4100635.07	45.76485	(06010509)
670814.47	4100618.62	45.82085	(06010509)	670832.65	4100602.17	45.85958	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670850.82	4100585.72	45.87439	(06010509)	670869.00	4100569.27	45.88164	(06010509)
670887.17	4100552.81	45.84750	(06010509)	670905.34	4100536.36	45.75591	(06010509)
670923.52	4100519.91	45.61653	(06010509)	670941.69	4100503.46	45.39029	(06010509)
670959.86	4100487.01	45.06941	(06010509)	670978.04	4100470.56	44.63602	(06010509)
670996.21	4100454.11	44.05139	(06010509)	671014.38	4100437.66	43.30859	(06010509)
671032.56	4100421.20	42.37873	(06010509)	671050.73	4100404.75	41.17219	(06010509)
671068.91	4100388.30	39.57226	(06010509)	671087.08	4100371.85	26.16838	(08111508)
671129.73	4100356.69	17.19971	(06010509)	671154.21	4100357.98	16.16053	(06010509)
671178.69	4100359.27	15.03803	(06010509)	671203.17	4100360.56	14.20401	(06022524)
671227.65	4100361.85	16.08421	(06022524)	671252.13	4100363.14	18.83172	(06022524)
671276.61	4100364.43	22.23738	(08111508)	671301.09	4100365.72	24.38404	(08111508)
671325.57	4100367.01	25.77021	(08111508)	671350.05	4100368.30	27.33045	(08111508)
671374.53	4100369.59	28.77897	(08111508)	671399.01	4100370.88	29.73772	(08111508)
671423.49	4100372.17	30.49420	(08111508)	671447.97	4100373.46	31.14768	(08111508)
671472.45	4100374.75	32.30299	(08111508)	671496.93	4100376.04	30.61012	(08111508)
671521.41	4100377.33	28.76038	(08111508)	671545.89	4100378.62	26.53825	(08111508)
671570.37	4100379.91	26.57714	(06040323)	671594.85	4100381.20	27.02347	(06040323)
671619.33	4100382.49	27.58296	(06040323)	671643.81	4100383.78	27.78147	(06040323)
671668.29	4100385.07	27.76167	(05021803)	671692.77	4100386.37	28.91103	(05021803)
671717.25	4100387.66	29.94770	(05021803)	671741.73	4100388.95	30.85181	(05021803)
671766.21	4100390.24	31.60065	(05021803)	671790.68	4100391.53	32.16054	(05021803)
671815.16	4100392.82	32.51918	(05021803)	671839.64	4100394.11	33.31738	(04022208)
671864.12	4100395.40	33.75820	(04022208)	671888.60	4100396.69	34.91880	(04022208)
671913.08	4100397.98	36.77546	(04022208)	671937.56	4100399.27	37.36315	(04022208)
671962.04	4100400.56	38.66610	(08011717)	671986.52	4100401.85	39.13775	(08011717)
672011.00	4100403.14	38.02885	(08011717)	672035.48	4100404.43	36.63053	(08011717)
672059.96	4100405.72	35.85790	(08011717)	672084.44	4100407.01	38.69636	(07011517)
672108.92	4100408.30	41.53046	(07011517)	672133.40	4100409.59	44.04346	(07011517)
672157.88	4100410.88	45.95340	(07011517)	672182.36	4100412.17	47.31588	(07011517)
672206.84	4100413.46	48.47441	(07011517)	672231.32	4100414.75	48.74480	(07011517)
670251.09	4101128.61	30.33755	(06010509)	670240.47	4101151.11	22.36338	(06012509)
670229.85	4101173.62	23.07707	(06012509)	670219.23	4101196.12	18.85315	(06010209)
670208.61	4101218.63	18.79039	(06010209)	670197.99	4101241.13	18.73767	(06010209)
670187.37	4101263.64	18.70605	(06010209)	670176.75	4101286.14	18.75700	(06010209)
670166.13	4101308.65	25.56609	(06012509)	670155.51	4101331.16	25.93765	(06012509)
670144.89	4101353.66	30.65234	(05030108)	670134.27	4101376.17	32.16194	(05030108)
670123.65	4101398.67	33.41559	(05030108)	670113.03	4101421.18	34.43850	(05030108)
670102.41	4101443.68	35.23454	(05030108)	670091.79	4101466.19	35.84825	(05030108)
670081.16	4101488.69	36.30268	(05030108)	670070.54	4101511.20	36.62124	(05030108)
670059.92	4101533.70	36.84064	(05030108)	670049.30	4101556.21	36.98064	(05030108)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670038.68	4101578.72	37.06202	(05030108)	670028.06	4101601.22	37.10274	(05030108)
670017.44	4101623.73	37.11603	(05030108)	670006.82	4101646.23	37.11140	(05030108)
669996.20	4101668.74	37.09246	(05030108)	669985.58	4101691.24	37.06763	(05030108)
669974.96	4101713.75	37.03632	(05030108)	669964.34	4101736.25	37.00208	(05030108)
669953.72	4101758.76	36.96785	(05030108)	669943.10	4101781.26	36.93232	(05030108)
669932.48	4101803.77	36.89530	(05030108)	669921.86	4101826.28	36.85795	(05030108)
669911.24	4101848.78	36.82116	(05030108)	669900.62	4101871.29	36.78429	(05030108)
669890.00	4101893.79	36.74722	(05030108)	669879.37	4101916.30	36.71018	(05030108)
669868.75	4101938.80	36.67315	(05030108)	669858.13	4101961.31	36.63610	(05030108)
669847.51	4101983.81	36.59905	(05030108)	669836.89	4102006.32	36.56199	(05030108)
669826.27	4102028.82	36.52494	(05030108)	669815.65	4102051.33	36.48787	(05030108)
669805.03	4102073.83	36.45079	(05030108)	669794.41	4102096.34	36.41371	(05030108)
669783.79	4102118.85	36.37662	(05030108)	669773.17	4102141.35	36.33954	(05030108)
669762.55	4102163.86	36.30245	(05030108)	669751.93	4102186.36	36.26536	(05030108)
669741.31	4102208.87	36.22827	(05030108)	669730.69	4102231.37	36.19106	(05030108)
669720.07	4102253.88	36.15403	(05030108)	669709.45	4102276.38	36.11723	(05030108)
669698.83	4102298.89	36.07963	(05030108)	669688.20	4102321.39	36.04267	(05030108)
669677.58	4102343.90	36.00511	(05030108)	669666.96	4102366.41	35.96656	(05030108)
669656.34	4102388.91	35.92721	(05030108)	669645.72	4102411.42	35.88646	(05030108)
669635.10	4102433.92	35.84271	(05030108)	669624.48	4102456.43	35.79434	(05030108)
669613.86	4102478.93	35.73881	(05030108)	669603.24	4102501.44	35.67237	(05030108)
669592.62	4102523.94	35.58763	(05030108)	669582.00	4102546.45	35.47963	(05030108)
669571.38	4102568.95	35.33487	(05030108)	669560.76	4102591.46	35.13945	(05030108)
669550.14	4102613.97	34.87601	(05030108)	669539.52	4102636.47	34.52318	(05030108)
669528.90	4102658.98	34.05564	(05030108)	669518.28	4102681.48	33.44803	(05030108)
669507.66	4102703.99	32.67436	(05030108)	669497.04	4102726.49	31.70918	(05030108)
669486.41	4102749.00	30.53353	(05030108)	669475.79	4102771.50	29.13548	(05030108)
669465.17	4102794.01	27.76369	(04012409)	669454.55	4102816.51	27.81893	(04012409)
669443.93	4102839.02	27.84859	(04012409)	669433.31	4102861.53	27.86544	(04012409)
669422.69	4102884.03	27.86869	(04012409)	669412.07	4102906.54	27.85761	(04012409)
669401.45	4102929.04	27.84523	(04012409)	669390.83	4102951.55	27.82838	(04012409)
669380.21	4102974.05	27.80381	(04012409)	669369.59	4102996.56	27.77897	(04012409)
669358.97	4103019.06	27.75314	(04012409)	669348.35	4103041.57	27.72742	(04012409)
669337.73	4103064.07	27.69787	(04012409)	669327.11	4103086.58	27.67178	(04012409)
669316.49	4103109.08	27.64227	(04012409)	669305.87	4103131.59	27.61519	(04012409)
669295.24	4103154.10	27.58378	(04012409)	669284.62	4103176.60	27.55429	(04012409)
669274.00	4103199.11	27.52523	(04012409)	669817.28	4100898.59	22.97095	(06012509)
669835.65	4100881.96	22.23741	(06012509)	669854.02	4100865.33	21.40599	(06012509)
669872.39	4100848.71	20.47574	(06012509)	669890.76	4100832.08	19.45504	(06012509)
669909.13	4100815.45	19.23573	(06010209)	669927.50	4100798.82	19.21550	(06010209)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669945.87	4100782.19	19.09789	(06010209)	669964.24	4100765.57	19.02343	(06010209)
669982.60	4100748.94	18.94706	(06010209)	670000.97	4100732.31	18.89059	(06010209)
670019.34	4100715.68	18.88801	(06010209)	670037.71	4100699.05	18.90898	(06010209)
670056.08	4100682.43	26.69455	(06010509)	670074.45	4100665.80	28.39280	(06010509)
670092.82	4100649.17	29.99872	(06010509)	670111.19	4100632.54	31.52024	(06010509)
670129.56	4100615.91	32.85515	(06010509)	670147.93	4100599.28	34.05426	(06010509)
670166.29	4100582.66	18.67165	(04012717)	670184.66	4100566.03	18.16151	(06010509)
670203.03	4100549.40	18.68065	(06010509)	670221.40	4100532.77	19.15246	(06010509)
670239.77	4100516.14	19.58231	(06010509)	670258.14	4100499.52	19.96347	(06010509)
670276.51	4100482.89	40.67186	(06010509)	670294.88	4100466.26	41.35719	(06010509)
670313.25	4100449.63	41.94507	(06010509)	670331.62	4100433.00	42.63889	(06010509)
670349.98	4100416.38	43.07537	(06010509)	670368.35	4100399.75	43.45414	(06010509)
670386.72	4100383.12	43.77469	(06010509)	670405.09	4100366.49	44.06200	(06010509)
670423.46	4100349.86	44.31008	(06010509)	670441.83	4100333.23	44.52998	(06010509)
670460.20	4100316.61	44.71256	(06010509)	670478.57	4100299.98	44.83699	(06010509)
670496.94	4100283.35	44.69440	(06010509)	670515.31	4100266.72	44.67892	(06010509)
670533.67	4100250.09	22.38507	(06010509)	670552.04	4100233.47	22.43415	(06010509)
670570.41	4100216.84	22.47751	(06010509)	670588.78	4100200.21	22.51083	(06010509)
670607.15	4100183.58	22.53747	(06010509)	670625.52	4100166.95	22.55874	(06010509)
670643.89	4100150.33	22.57026	(06010509)	670662.26	4100133.70	22.57175	(06010509)
670680.63	4100117.07	22.55453	(06010509)	670699.00	4100100.44	22.52150	(06010509)
670717.37	4100083.81	22.45847	(06010509)	670735.73	4100067.19	22.37007	(06010509)
670754.10	4100050.56	22.24290	(06010509)	670772.47	4100033.93	22.06925	(06010509)
670790.84	4100017.30	21.84689	(06010509)	670809.21	4100000.67	21.56200	(06010509)
670827.58	4099984.04	21.21704	(06010509)	670845.95	4099967.42	20.80020	(06010509)
670864.32	4099950.79	20.31003	(06010509)	670882.69	4099934.16	19.73554	(06010509)
670901.06	4099917.53	19.08412	(06010509)	670919.42	4099900.90	18.35630	(06010509)
670962.54	4099885.58	16.69480	(06010509)	670987.28	4099886.88	15.76463	(06010509)
671012.02	4099888.19	14.78072	(06010509)	671036.76	4099889.49	13.73947	(06010509)
671061.51	4099890.80	12.66302	(06010509)	671086.25	4099892.10	11.57009	(06010509)
671110.99	4099893.40	10.46737	(06010509)	671135.74	4099894.71	9.37509	(06010509)
671160.48	4099896.01	8.30661	(06010509)	671185.22	4099897.32	9.39360	(06020209)
671209.97	4099898.62	8.96394	(06020209)	671234.71	4099899.93	8.74860	(06022524)
671259.45	4099901.23	9.73095	(06022524)	671284.19	4099902.53	8.74935	(07020109)
671308.94	4099903.84	9.00966	(07020109)	671333.68	4099905.14	7.35855	(05050807)
671358.42	4099906.45	7.49653	(05050807)	671383.17	4099907.75	7.62753	(05050807)
671407.91	4099909.05	7.75454	(05050807)	671432.65	4099910.36	7.87389	(05050807)
671457.40	4099911.66	10.13220	(07020109)	671482.14	4099912.97	10.23809	(07020109)
671506.88	4099914.27	10.30310	(07020109)	671531.62	4099915.57	11.97447	(06040323)
671556.37	4099916.88	14.46098	(06040323)	671581.11	4099918.18	16.43186	(06040323)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671605.85	4099919.49	16.85771	(06040323)	671630.60	4099920.79	17.13716	(06040323)
671655.34	4099922.10	17.75491	(06040323)	671680.08	4099923.40	18.05917	(06040323)
671704.82	4099924.70	18.32118	(05021803)	671729.57	4099926.01	18.42859	(05021803)
671754.31	4099927.31	19.23764	(05021803)	671779.05	4099928.62	21.35466	(05021803)
671803.80	4099929.92	23.23900	(05021803)	671828.54	4099931.22	24.54238	(05021803)
671853.28	4099932.53	25.47301	(05021803)	671878.03	4099933.83	26.16504	(05021803)
671902.77	4099935.14	25.70362	(05021803)	671927.51	4099936.44	24.58536	(05021803)
671952.25	4099937.74	23.25967	(05021803)	671977.00	4099939.05	22.81679	(07042001)
672001.74	4099940.35	23.17115	(07042001)	672026.48	4099941.66	23.61856	(07042001)
672051.23	4099942.96	24.41978	(07042002)	672075.97	4099944.27	25.21404	(07042002)
672100.71	4099945.57	25.78601	(07042002)	672125.45	4099946.87	26.16608	(07042002)
672150.20	4099948.18	27.44138	(05021724)	672174.94	4099949.48	28.35474	(05021724)
672199.68	4099950.79	29.12056	(05021724)	672224.43	4099952.09	31.59307	(07011517)
672249.17	4099953.39	34.10392	(07011517)	672273.91	4099954.70	36.08750	(07011517)
672298.66	4099956.00	37.66374	(07011517)	672323.40	4099957.31	38.60442	(07011517)
672348.14	4099958.61	39.00172	(07011517)	672372.88	4099959.91	39.17246	(07011517)
672397.63	4099961.22	38.53604	(07011517)	672422.37	4099962.52	37.21397	(07011517)
672447.11	4099963.83	35.50360	(07011517)	669798.91	4100915.22	23.60662	(06012509)
669788.29	4100937.72	24.17122	(06012509)	669777.67	4100960.23	24.64484	(06012509)
669767.05	4100982.74	25.03408	(06012509)	669756.43	4101005.24	25.34703	(06012509)
669745.81	4101027.75	25.59626	(06012509)	669735.19	4101050.25	25.78650	(06012509)
669724.57	4101072.76	25.92756	(06012509)	669713.95	4101095.26	27.47821	(05030108)
669703.33	4101117.77	29.09703	(05030108)	669692.71	4101140.27	30.56301	(05030108)
669682.09	4101162.78	31.84276	(05030108)	669671.47	4101185.28	32.95308	(05030108)
669660.85	4101207.79	33.89637	(05030108)	669650.23	4101230.30	34.66520	(05030108)
669639.61	4101252.80	35.29848	(05030108)	669628.99	4101275.31	35.79007	(05030108)
669618.37	4101297.81	36.17311	(05030108)	669607.75	4101320.32	36.46237	(05030108)
669597.12	4101342.82	36.66494	(05030108)	669586.50	4101365.33	36.81209	(05030108)
669575.88	4101387.83	36.90563	(05030108)	669565.26	4101410.34	36.96124	(05030108)
669554.64	4101432.84	36.98952	(05030108)	669544.02	4101455.35	36.99697	(05030108)
669533.40	4101477.85	36.99273	(05030108)	669522.78	4101500.36	36.97354	(05030108)
669512.16	4101522.87	36.94995	(05030108)	669501.54	4101545.37	36.92229	(05030108)
669490.92	4101567.88	36.88935	(05030108)	669480.30	4101590.38	36.85501	(05030108)
669469.68	4101612.89	36.82025	(05030108)	669459.06	4101635.39	36.78554	(05030108)
669448.44	4101657.90	36.74865	(05030108)	669437.82	4101680.40	36.71167	(05030108)
669427.20	4101702.91	36.67401	(05030108)	669416.58	4101725.41	36.63693	(05030108)
669405.95	4101747.92	36.59990	(05030108)	669395.33	4101770.43	36.56269	(05030108)
669384.71	4101792.93	36.52562	(05030108)	669374.09	4101815.44	36.48856	(05030108)
669363.47	4101837.94	36.45151	(05030108)	669352.85	4101860.45	36.41443	(05030108)
669342.23	4101882.95	36.37759	(05030108)	669331.61	4101905.46	36.34050	(05030108)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669320.99	4101927.96	36.30376	(05030108)	669310.37	4101950.47	36.26638	(05030108)
669299.75	4101972.97	36.22935	(05030108)	669289.13	4101995.48	36.19225	(05030108)
669278.51	4102017.99	36.15439	(05030108)	669267.89	4102040.49	36.11561	(05030108)
669257.27	4102063.00	36.07636	(05030108)	669246.65	4102085.50	36.03665	(05030108)
669236.03	4102108.01	35.99452	(05030108)	669225.41	4102130.51	35.94914	(05030108)
669214.78	4102153.02	35.89999	(05030108)	669204.16	4102175.52	35.84433	(05030108)
669193.54	4102198.03	35.77936	(05030108)	669182.92	4102220.53	35.70088	(05030108)
669172.30	4102243.04	35.60593	(05030108)	669161.68	4102265.55	35.48603	(05030108)
669151.06	4102288.05	35.33327	(05030108)	669140.44	4102310.56	35.13680	(05030108)
669129.82	4102333.06	34.88712	(05030108)	669119.20	4102355.57	34.56933	(05030108)
669108.58	4102378.07	34.16725	(05030108)	669097.96	4102400.58	33.66708	(05030108)
669087.34	4102423.08	33.05193	(05030108)	669076.72	4102445.59	32.30526	(05030108)
669066.10	4102468.09	31.41709	(05030108)	669055.48	4102490.60	30.37302	(05030108)
669044.86	4102513.10	29.17039	(05030108)	669034.24	4102535.61	28.09235	(06122116)
669023.62	4102558.12	28.06396	(06122116)	669012.99	4102580.62	28.03567	(06122116)
669002.37	4102603.13	28.00720	(06122116)	668991.75	4102625.63	27.97873	(06122116)
668981.13	4102648.14	27.95025	(06122116)	668970.51	4102670.64	27.92178	(06122116)
668959.89	4102693.15	27.89330	(06122116)	668949.27	4102715.65	27.86483	(06122116)
668938.65	4102738.16	27.83634	(06122116)	668928.03	4102760.66	27.80787	(06122116)
668917.41	4102783.17	27.81013	(04012409)	668906.79	4102805.68	28.16192	(04012409)
668896.17	4102828.18	28.44863	(04012409)	668885.55	4102850.69	28.66982	(04012409)
668874.93	4102873.19	28.84596	(04012409)	668864.31	4102895.70	28.97810	(04012409)
668853.69	4102918.20	29.07425	(04012409)	668843.07	4102940.71	29.14500	(04012409)
668832.45	4102963.21	29.19032	(04012409)	668821.82	4102985.72	29.21644	(04012409)
670622.36	4103862.89	105.66751	(05030308)	670645.08	4103870.77	107.78804	(05030308)
670667.81	4103878.64	109.53691	(05030308)	670690.54	4103886.52	110.86239	(05030308)
670713.26	4103894.39	111.55253	(05030308)	670735.99	4103902.26	110.90800	(05030308)
670758.72	4103910.14	109.02765	(05030308)	670781.45	4103918.01	144.41225	(04012617)
670804.17	4103925.89	154.40909	(04012617)	670826.90	4103933.76	156.82873	(04012617)
670849.63	4103941.63	149.11317	(05031518)	670872.36	4103949.51	147.15517	(05031518)
670895.08	4103957.38	147.35819	(05031518)	670917.81	4103965.26	143.76874	(05031518)
670940.54	4103973.13	135.86410	(05031518)	670963.27	4103981.01	146.50892	(05011917)
670985.99	4103988.88	157.49221	(05011917)	671008.72	4103996.75	164.11171	(05011917)
671031.45	4104004.63	165.73516	(05011917)	671054.17	4104012.50	162.06993	(05011917)
671076.90	4104020.38	153.76091	(05011917)	671099.63	4104028.25	142.16680	(05011917)
671122.36	4104036.13	129.01294	(05011917)	671145.08	4104044.00	115.70313	(05011917)
671167.81	4104051.87	103.14665	(05011917)	671190.54	4104059.75	91.70517	(05011917)
671213.27	4104067.62	81.44459	(05011917)	670599.31	4103872.59	104.31569	(05030308)
670636.90	4103894.39	108.32143	(05030308)	670659.63	4103902.26	109.87860	(05030308)
670682.35	4103910.14	110.88560	(05030308)	670705.08	4103918.01	111.02192	(05030308)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670727.81	4103925.89	109.43400	(05030308)	670750.54	4103933.76	110.10281	(04012617)
670773.26	4103941.63	147.70695	(04012617)	670795.99	4103949.51	150.67506	(04012617)
670818.72	4103957.38	148.37872	(04012617)	670841.44	4103965.26	143.36357	(05031518)
670864.17	4103973.13	142.00284	(05031518)	670886.90	4103981.01	141.87954	(05031518)
670909.63	4103988.88	137.71300	(05031518)	670932.35	4103996.75	129.33214	(05031518)
670955.08	4104004.63	139.77507	(05011917)	670977.81	4104012.50	150.28764	(05011917)
671000.54	4104020.38	156.90048	(05011917)	671023.26	4104028.25	158.83062	(05011917)
671045.99	4104036.13	155.93003	(05011917)	671068.72	4104044.00	148.74610	(05011917)
671091.44	4104051.87	138.45010	(05011917)	671114.17	4104059.75	126.45503	(05011917)
671136.90	4104067.62	114.05690	(05011917)	671159.63	4104075.50	102.10001	(05011917)
671182.35	4104083.37	91.03946	(05011917)	671205.08	4104091.24	81.02601	(05011917)
670591.13	4103896.21	105.09699	(05030308)	670561.84	4103847.99	98.61822	(05030308)
670628.71	4103918.01	108.77573	(05030308)	670651.44	4103925.89	110.05299	(05030308)
670674.17	4103933.76	110.62327	(05030308)	670696.90	4103941.63	110.08203	(05030308)
670719.62	4103949.51	107.56755	(05030308)	670742.35	4103957.38	117.93546	(04012617)
670765.08	4103965.26	148.25110	(04012617)	670787.81	4103973.13	146.23321	(04012617)
670810.53	4103981.01	141.08509	(05031518)	670833.26	4103988.88	137.71317	(05031518)
670855.99	4103996.75	137.28373	(05031518)	670878.71	4104004.63	136.80151	(05031518)
670901.44	4104012.50	132.03482	(05031518)	670924.17	4104020.38	123.28759	(05031518)
670946.90	4104028.25	133.84294	(05011917)	670969.62	4104036.12	143.79501	(05011917)
670992.35	4104044.00	150.29902	(05011917)	671015.08	4104051.87	152.48360	(05011917)
671037.81	4104059.75	150.24064	(05011917)	671060.53	4104067.62	144.02617	(05011917)
671083.26	4104075.50	134.85114	(05011917)	671105.99	4104083.37	123.91848	(05011917)
671128.72	4104091.24	112.35409	(05011917)	671151.44	4104099.12	101.00738	(05011917)
671174.17	4104106.99	90.34919	(05011917)	671196.90	4104114.87	80.58049	(05011917)
670582.94	4103919.83	105.81251	(05030308)	670553.22	4103891.97	101.34214	(05030308)
670538.80	4103857.68	96.79837	(05030308)	670620.53	4103941.63	109.07770	(05030308)
670643.26	4103949.51	110.00917	(05030308)	670665.98	4103957.38	110.04382	(05030308)
670688.71	4103965.26	108.70975	(05030308)	670711.44	4103973.13	105.33586	(05030308)
670734.17	4103981.00	125.19782	(04012617)	670756.89	4103988.88	145.86356	(04012617)
670779.62	4103996.75	140.81840	(04012617)	670802.35	4104004.63	135.88936	(05031518)
670825.08	4104012.50	132.65286	(05031518)	670847.80	4104020.38	133.28512	(05031518)
670870.53	4104028.25	132.29070	(05031518)	670893.26	4104036.12	127.01152	(05031518)
670915.98	4104044.00	118.27393	(07122817)	670938.71	4104051.87	128.39113	(05011917)
670961.44	4104059.75	137.91892	(05011917)	670984.17	4104067.62	144.23960	(05011917)
671006.89	4104075.50	146.62693	(05011917)	671029.62	4104083.37	144.93710	(05011917)
671052.35	4104091.24	139.56594	(05011917)	671075.08	4104099.12	131.38948	(05011917)
671097.80	4104106.99	121.41066	(05011917)	671120.53	4104114.87	110.64115	(05011917)
671143.26	4104122.74	99.88502	(05011917)	671165.99	4104130.62	89.63083	(05011917)
671188.71	4104138.49	80.12654	(05011917)	670566.57	4103967.08	106.97528	(05030308)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670536.85	4103939.22	103.18380	(05030308)	670507.13	4103911.36	98.01796	(05030308)
670492.71	4103877.07	92.91455	(05030308)	670493.58	4103836.34	88.43723	(05030308)
670604.16	4103988.88	109.13409	(05030308)	670626.89	4103996.75	109.07589	(05030308)
670649.62	4104004.63	107.72944	(05030308)	670672.34	4104012.50	104.42066	(05030308)
670695.07	4104020.38	103.70250	(04012617)	670717.80	4104028.25	132.61662	(04012617)
670740.53	4104036.12	129.39959	(04012617)	670763.25	4104044.00	130.83528	(05031518)
670785.98	4104051.87	129.29738	(05031518)	670808.71	4104059.75	130.63317	(05031518)
670831.43	4104067.62	130.54149	(05031518)	670854.16	4104075.50	127.26158	(05031518)
670876.89	4104083.37	119.73121	(05031518)	670899.62	4104091.24	110.84704	(07122817)
670922.34	4104099.12	118.83759	(05011917)	670945.07	4104106.99	127.53755	(05011917)
670967.80	4104114.87	133.39605	(05011917)	670990.53	4104122.74	136.10282	(05011917)
671013.25	4104130.61	135.32455	(05011917)	671035.98	4104138.49	131.36962	(05011917)
671058.71	4104146.36	124.83016	(05011917)	671081.43	4104154.24	116.49286	(05011917)
671104.16	4104162.11	107.16407	(05011917)	671126.89	4104169.99	97.53701	(05011917)
671149.62	4104177.86	88.08964	(05011917)	671172.34	4104185.73	79.14431	(05011917)
670548.08	4104012.33	107.48287	(05030308)	670531.10	4103996.41	105.94485	(05030308)
670514.12	4103980.49	103.84726	(05030308)	670497.13	4103964.57	101.27565	(05030308)
670480.15	4103948.65	98.24660	(05030308)	670463.17	4103932.74	94.79847	(05030308)
670446.68	4103893.55	88.39726	(05030308)	670447.18	4103870.27	85.65645	(05030308)
670447.68	4103847.00	82.77060	(05030308)	670448.18	4103823.73	79.71355	(05030308)
670448.67	4103800.46	78.06121	(04111008)	670449.17	4103777.19	77.85464	(04111008)
670565.07	4104028.25	108.24641	(05030308)	670587.79	4104036.12	108.14364	(05030308)
670610.52	4104044.00	106.78633	(05030308)	670633.25	4104051.87	103.87253	(05030308)
670655.97	4104059.75	98.84090	(05030308)	670678.70	4104067.62	112.86312	(04012617)
670701.43	4104075.49	130.06686	(04012617)	670724.16	4104083.37	121.94785	(04012617)
670746.88	4104091.24	133.16588	(05031518)	670769.61	4104099.12	139.61964	(05031518)
670792.34	4104106.99	138.83541	(05031518)	670815.07	4104114.87	130.48999	(05031518)
670837.79	4104122.74	118.06013	(05031518)	670860.52	4104130.61	107.12201	(05031518)
670883.25	4104138.49	101.96394	(07122817)	670905.97	4104146.36	109.26263	(05011917)
670928.70	4104154.24	117.81049	(05011917)	670951.43	4104162.11	123.85337	(05011917)
670974.16	4104169.99	126.86084	(05011917)	670996.88	4104177.86	126.82546	(05011917)
671019.61	4104185.73	123.96890	(05011917)	671042.34	4104193.61	118.74514	(05011917)
671065.07	4104201.48	111.76699	(05011917)	671087.79	4104209.36	103.67535	(05011917)
671110.52	4104217.23	95.09868	(05011917)	671133.25	4104225.10	86.45336	(05011917)
671155.98	4104232.98	78.08950	(05011917)	670532.19	4104060.02	107.49574	(05030308)
670515.67	4104044.54	106.76724	(05030308)	670499.16	4104029.06	105.29116	(05030308)
670482.65	4104013.59	103.24571	(05030308)	670466.14	4103998.11	100.73646	(05030308)
670433.12	4103967.16	94.47077	(05030308)	670416.61	4103951.68	90.78085	(05030308)
670400.58	4103913.58	84.02364	(05030308)	670401.06	4103890.95	81.17622	(05030308)
670401.55	4103868.33	78.19700	(05030308)	670402.03	4103845.70	77.93909	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670402.52	4103823.08	77.74092	(04111008)	670403.00	4103800.45	77.47946	(04111008)
670403.48	4103777.83	77.13718	(04111008)	670403.97	4103755.20	76.73119	(04111008)
670548.70	4104075.49	107.22601	(05030308)	670571.42	4104083.37	105.90760	(05030308)
670594.15	4104091.24	103.09530	(05030308)	670616.88	4104099.12	98.48778	(05030308)
670639.61	4104106.99	97.93712	(04012617)	670662.33	4104114.86	117.66430	(04012617)
670685.06	4104122.74	123.65131	(04012617)	670707.79	4104130.61	124.30177	(04012617)
670730.52	4104138.49	130.32543	(05031518)	670753.24	4104146.36	137.87902	(05031518)
670775.97	4104154.24	133.06241	(05031518)	670798.70	4104162.11	118.60109	(05031518)
670821.42	4104169.98	106.72929	(05031518)	670844.15	4104177.86	97.60735	(05031518)
670866.88	4104185.73	94.87839	(07122817)	670889.61	4104193.61	101.55811	(05011917)
670912.33	4104201.48	109.72020	(05011917)	670935.06	4104209.36	115.51516	(05011917)
670957.79	4104217.23	118.71941	(05011917)	670980.52	4104225.10	119.22824	(05011917)
671003.24	4104232.98	117.26007	(05011917)	671025.97	4104240.85	113.09192	(05011917)
671048.70	4104248.73	107.24461	(05011917)	671071.42	4104256.60	100.25020	(05011917)
671094.15	4104264.48	92.59662	(05011917)	671116.88	4104272.35	84.72429	(05011917)
671139.61	4104280.22	76.93950	(05011917)	670504.90	4104138.76	105.25784	(05030308)
670488.39	4104123.28	106.23565	(05030308)	670471.88	4104107.81	106.10471	(05030308)
670455.37	4104092.33	105.06445	(05030308)	670438.86	4104076.85	103.36326	(05030308)
670405.84	4104045.90	98.37209	(05030308)	670389.33	4104030.42	95.23522	(05030308)
670372.82	4104014.95	91.70687	(05030308)	670356.31	4103999.47	87.84649	(05030308)
670339.79	4103983.99	83.64498	(05030308)	670323.77	4103945.89	77.93800	(04111008)
670324.25	4103923.26	77.78555	(04111008)	670324.73	4103900.64	77.58495	(04111008)
670325.22	4103878.01	77.31999	(04111008)	670325.70	4103855.39	76.97931	(04111008)
670326.19	4103832.76	76.58369	(04111008)	670326.67	4103810.14	76.10257	(04111008)
670327.15	4103787.51	75.52158	(04111008)	670327.64	4103764.89	74.82770	(04111008)
670328.12	4103742.26	74.01397	(04111008)	670328.60	4103719.64	73.07177	(04111008)
670521.42	4104154.23	102.87793	(05030308)	670544.14	4104162.11	99.26012	(05030308)
670566.87	4104169.98	94.04338	(05030308)	670589.60	4104177.86	92.00054	(04012617)
670612.32	4104185.73	107.42868	(04012617)	670635.05	4104193.61	112.22230	(04012617)
670657.78	4104201.48	113.34198	(04012617)	670680.51	4104209.35	126.53026	(05031518)
670703.23	4104217.23	123.68925	(05031518)	670725.96	4104225.10	121.43003	(05031518)
670748.69	4104232.98	114.54478	(05031518)	670771.42	4104240.85	106.42647	(05031518)
670794.14	4104248.73	97.53118	(05031518)	670816.87	4104256.60	90.05209	(07122817)
670839.60	4104264.47	86.11913	(07122817)	670862.33	4104272.35	91.32229	(05011917)
670885.05	4104280.22	98.36768	(05011917)	670907.78	4104288.10	103.77219	(05011917)
670930.51	4104295.97	107.06227	(05011917)	670953.23	4104303.85	108.23016	(05011917)
670975.96	4104311.72	107.31207	(05011917)	670998.69	4104319.59	104.53665	(05011917)
671021.42	4104327.47	100.20108	(05011917)	671044.14	4104335.34	94.69671	(05011917)
671066.87	4104343.22	88.40919	(05011917)	671089.60	4104351.09	81.73361	(05011917)
671112.33	4104358.96	74.98874	(05011917)	670477.62	4104217.50	99.80768	(05030308)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670461.11	4104202.02	102.88646	(05030308)	670444.60	4104186.55	104.58174	(05030308)
670428.09	4104171.07	105.07702	(05030308)	670411.58	4104155.59	104.56829	(05030308)
670395.07	4104140.12	103.25355	(05030308)	670362.05	4104109.16	98.83379	(05030308)
670345.54	4104093.69	95.90695	(05030308)	670329.02	4104078.21	92.58022	(05030308)
670312.51	4104062.73	88.90061	(05030308)	670296.00	4104047.26	84.89342	(05030308)
670279.49	4104031.78	80.57984	(05030308)	670262.98	4104016.30	77.84463	(04111008)
670246.95	4103978.20	77.43348	(04111008)	670247.44	4103955.58	77.18492	(04111008)
670247.92	4103932.95	76.84255	(04111008)	670248.40	4103910.33	76.45491	(04111008)
670248.89	4103887.70	75.98757	(04111008)	670249.37	4103865.07	75.41227	(04111008)
670249.85	4103842.45	74.75316	(04111008)	670250.34	4103819.82	73.97592	(04111008)
670250.82	4103797.20	73.06929	(04111008)	670251.31	4103774.57	72.03786	(04111008)
670251.79	4103751.95	70.86606	(04111008)	670252.27	4103729.32	69.54071	(04111008)
670252.76	4103706.70	68.06469	(04111008)	670253.24	4103684.07	66.43647	(04111008)
670494.13	4104232.98	95.24588	(05030308)	670516.86	4104240.85	89.49799	(05030308)
670539.59	4104248.72	87.18512	(04012617)	670562.32	4104256.60	97.78589	(04012617)
670585.04	4104264.47	105.06379	(04012617)	670607.77	4104272.35	102.19174	(04012617)
670630.50	4104280.22	113.77179	(05031518)	670653.23	4104288.10	112.10352	(05031518)
670675.95	4104295.97	117.60349	(05031518)	670698.68	4104303.84	117.76671	(05031518)
670721.41	4104311.72	113.28369	(05031518)	670744.13	4104319.59	104.49358	(05031518)
670766.86	4104327.47	92.14114	(07122817)	670789.59	4104335.34	85.11443	(07122817)
670812.32	4104343.22	79.56683	(08122819)	670835.04	4104351.09	83.47318	(05011917)
670857.77	4104358.96	89.37852	(05011917)	670880.50	4104366.84	94.10520	(05011917)
670903.23	4104374.71	97.34043	(05011917)	670925.95	4104382.59	98.93210	(05011917)
670948.68	4104390.46	98.81435	(05011917)	670971.41	4104398.34	97.18898	(05011917)
670994.14	4104406.21	94.27548	(05011917)	671016.86	4104414.08	90.36670	(05011917)
671039.59	4104421.96	85.08220	(05011917)	671062.32	4104429.83	79.23942	(05011917)
671085.04	4104437.71	73.26428	(05011917)	670449.37	4104295.33	91.76095	(05030308)
670431.89	4104278.94	97.02276	(05030308)	670414.41	4104262.56	100.73733	(05030308)
670396.92	4104246.17	102.94131	(05030308)	670379.44	4104229.78	103.82462	(05030308)
670361.96	4104213.40	103.55068	(05030308)	670344.48	4104197.01	102.34431	(05030308)
670327.00	4104180.62	100.37902	(05030308)	670309.51	4104164.23	97.79220	(05030308)
670292.03	4104147.85	94.69489	(05030308)	670274.55	4104131.46	91.14823	(05030308)
670257.07	4104115.07	87.20417	(05030308)	670239.58	4104098.69	82.92684	(05030308)
670222.10	4104082.30	78.33055	(05030308)	670204.62	4104065.91	77.64041	(04111008)
670187.14	4104049.53	77.41022	(04111008)	670170.17	4104009.18	76.69653	(04111008)
670170.68	4103985.23	76.27987	(04111008)	670171.19	4103961.27	75.78479	(04111008)
670171.70	4103937.31	75.19043	(04111008)	670172.22	4103913.36	74.48126	(04111008)
670172.73	4103889.40	73.64018	(04111008)	670173.24	4103865.44	72.68007	(04111008)
670173.75	4103841.49	71.57130	(04111008)	670174.26	4103817.53	70.31161	(04111008)
670174.78	4103793.58	68.90210	(04111008)	670175.29	4103769.62	67.31714	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670175.80	4103745.66	65.55844	(04111008)	670176.31	4103721.71	63.62852	(04111008)
670176.82	4103697.75	61.51911	(04111008)	670177.34	4103673.79	59.23353	(04111008)
670177.85	4103649.84	56.78433	(04111008)	670466.85	4104311.72	85.01068	(05030308)
670489.58	4104319.59	82.84684	(04012617)	670512.31	4104327.47	88.84235	(04012617)
670535.04	4104335.34	97.56282	(04012617)	670557.76	4104343.21	86.94538	(05031518)
670580.49	4104351.09	91.72545	(05031518)	670603.22	4104358.96	93.19048	(05031518)
670625.94	4104366.84	97.66365	(05031518)	670648.67	4104374.71	98.90667	(05031518)
670671.40	4104382.59	97.62335	(05031518)	670694.13	4104390.46	92.60649	(05031518)
670716.85	4104398.33	85.59225	(05031518)	670739.58	4104406.21	81.37690	(07122817)
670762.31	4104414.08	79.31820	(07122817)	670785.04	4104421.96	76.46252	(08122819)
670807.76	4104429.83	80.19882	(05011917)	670830.49	4104437.71	84.96990	(05011917)
670853.22	4104445.58	88.63611	(05011917)	670875.94	4104453.45	91.37419	(05011917)
670898.67	4104461.33	92.81577	(05011917)	670921.40	4104469.20	92.92160	(05011917)
670944.13	4104477.08	91.62621	(05011917)	670966.85	4104484.95	89.08962	(05011917)
670989.58	4104492.82	85.56732	(05011917)	671012.31	4104500.70	81.27022	(05011917)
671035.04	4104508.57	76.46586	(05011917)	671057.76	4104516.45	71.35002	(05011917)
670367.86	4104531.87	75.31145	(04012617)	670350.72	4104515.80	75.59142	(04012617)
670333.57	4104499.73	73.87650	(05030308)	670316.43	4104483.65	80.95303	(05030308)
670299.28	4104467.58	87.07746	(05030308)	670282.13	4104451.51	92.07167	(05030308)
670264.99	4104435.44	95.86947	(05030308)	670247.84	4104419.37	98.45549	(05030308)
670230.70	4104403.29	99.87480	(05030308)	670213.55	4104387.22	100.21965	(05030308)
670196.40	4104371.15	99.64856	(05030308)	670179.26	4104355.08	98.24496	(05030308)
670162.11	4104339.01	96.15505	(05030308)	670144.96	4104322.93	93.51996	(05030308)
670127.82	4104306.86	90.36255	(05030308)	670110.67	4104290.79	86.81869	(05030308)
670093.53	4104274.72	82.92658	(05030308)	670076.38	4104258.65	78.73361	(05030308)
670059.23	4104242.58	76.86027	(04111008)	670042.09	4104226.50	77.01286	(04111008)
670024.94	4104210.43	76.91638	(04111008)	670007.80	4104194.36	76.65624	(04111008)
669990.65	4104178.29	76.22459	(04111008)	669973.50	4104162.22	75.61108	(04111008)
669956.36	4104146.14	74.82548	(04111008)	669939.71	4104106.58	73.04345	(04111008)
669940.22	4104083.08	72.13699	(04111008)	669940.72	4104059.59	71.10765	(04111008)
669941.22	4104036.09	69.95594	(04111008)	669941.72	4104012.59	68.67803	(04111008)
669942.23	4103989.10	67.24321	(04111008)	669942.73	4103965.60	65.67831	(04111008)
669943.23	4103942.11	63.96845	(04111008)	669943.73	4103918.61	62.11209	(04111008)
669944.24	4103895.12	60.12316	(04111008)	669944.74	4103871.62	57.98576	(04111008)
669945.24	4103848.13	55.71266	(04111008)	669945.74	4103824.63	53.32195	(04111008)
669946.24	4103801.13	50.81644	(04111008)	669946.75	4103777.64	48.20909	(04111008)
669947.25	4103754.14	46.34958	(07012517)	669947.75	4103730.65	45.25645	(07012517)
669948.25	4103707.15	44.03572	(07012517)	669948.76	4103683.66	42.68762	(07012517)
669949.26	4103660.16	41.20364	(07012517)	669949.76	4103636.67	39.58911	(07012517)
669950.26	4103613.17	39.24225	(07012617)	669950.76	4103589.67	39.35935	(07012617)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669951.27	4103566.18	39.47232	(07012617)	669951.77	4103542.68	39.57632	(07012617)
670385.01	4104547.94	78.22601	(04012617)	670407.74	4104555.82	78.78772	(04012617)
670430.46	4104563.69	72.90958	(05031518)	670453.19	4104571.56	75.42654	(05031518)
670475.92	4104579.44	75.45617	(05031518)	670498.65	4104587.31	75.28291	(05031518)
670521.37	4104595.19	75.13548	(05031518)	670544.10	4104603.06	74.29796	(05031518)
670566.83	4104610.94	72.67497	(05031518)	670589.56	4104618.81	69.65711	(05031518)
670612.28	4104626.68	65.10081	(05031518)	670635.01	4104634.56	64.05972	(07122817)
670657.74	4104642.43	62.14790	(07122817)	670680.46	4104650.31	60.36029	(08122819)
670703.19	4104658.18	58.96768	(07022106)	670725.92	4104666.05	62.05196	(05011917)
670748.65	4104673.93	66.23938	(05011917)	670771.37	4104681.80	69.74877	(05011917)
670794.10	4104689.68	72.72323	(05011917)	670816.83	4104697.55	74.89486	(05011917)
670839.56	4104705.43	76.06617	(05011917)	670862.28	4104713.30	76.19398	(05011917)
670885.01	4104721.17	75.36010	(05011917)	670907.74	4104729.05	73.58833	(05011917)
670930.47	4104736.92	71.05664	(05011917)	670953.19	4104744.80	68.09513	(05011917)
670975.92	4104752.67	64.69031	(05011917)	670285.68	4104767.78	57.96053	(05031518)
670268.20	4104751.39	67.59259	(04012617)	670250.72	4104735.00	68.20797	(04012617)
670233.24	4104718.62	67.75354	(04012617)	670215.76	4104702.23	67.33676	(04012617)
670198.27	4104685.84	65.76715	(04012617)	670180.79	4104669.46	71.95598	(05030308)
670163.31	4104653.07	78.36142	(05030308)	670145.83	4104636.68	83.96384	(05030308)
670128.34	4104620.29	88.61907	(05030308)	670110.86	4104603.91	92.22391	(05030308)
670093.38	4104587.52	94.75570	(05030308)	670075.90	4104571.13	96.23842	(05030308)
670058.41	4104554.75	96.71799	(05030308)	670040.93	4104538.36	96.30851	(05030308)
670023.45	4104521.97	95.06117	(05030308)	670005.97	4104505.59	93.13657	(05030308)
669988.49	4104489.20	90.61662	(05030308)	669971.00	4104472.81	87.55830	(05030308)
669953.52	4104456.42	84.08332	(05030308)	669936.04	4104440.04	80.25234	(05030308)
669918.56	4104423.65	76.13307	(05030308)	669901.07	4104407.26	75.20225	(04111008)
669883.59	4104390.88	75.80516	(04111008)	669866.11	4104374.49	76.06781	(04111008)
669848.63	4104358.10	76.05331	(04111008)	669831.15	4104341.72	75.81234	(04111008)
669813.66	4104325.33	75.34584	(04111008)	669796.18	4104308.94	74.68098	(04111008)
669778.70	4104292.55	73.82362	(04111008)	669761.22	4104276.17	72.75276	(04111008)
669743.73	4104259.78	71.46682	(04111008)	669726.25	4104243.39	69.96766	(04111008)
669709.28	4104203.05	66.88154	(04111008)	669709.79	4104179.09	65.40185	(04111008)
669710.31	4104155.14	63.77789	(04111008)	669710.82	4104131.18	62.01764	(04111008)
669711.33	4104107.23	60.13450	(04111008)	669711.84	4104083.27	58.12226	(04111008)
669712.35	4104059.31	56.00613	(04111008)	669712.87	4104035.36	53.76968	(04111008)
669713.38	4104011.40	51.41504	(04111008)	669713.89	4103987.44	48.98055	(04111008)
669714.40	4103963.49	46.46450	(04111008)	669714.92	4103939.53	44.91696	(07012517)
669715.43	4103915.58	43.88134	(07012517)	669715.94	4103891.62	42.73375	(07012517)
669716.45	4103867.66	41.47722	(07012517)	669716.96	4103843.71	40.09607	(07012517)
669717.48	4103819.75	39.74233	(07012617)	669717.99	4103795.79	39.82633	(07012617)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669718.50	4103771.84	39.91301	(07012617)	669719.01	4103747.88	39.98540	(07012617)
669719.52	4103723.93	40.05652	(07012617)	669720.04	4103699.97	40.11765	(07012617)
669720.55	4103676.01	40.17028	(07012617)	669721.06	4103652.06	40.21041	(07012617)
669721.57	4103628.10	40.23301	(07012617)	669722.09	4103604.14	40.24132	(07012617)
669722.60	4103580.19	40.21927	(07012617)	669723.11	4103556.23	40.16710	(07012617)
669723.62	4103532.28	40.07840	(07012617)	669724.13	4103508.32	39.94840	(07012617)
669724.65	4103484.36	39.75747	(07012617)	669725.16	4103460.41	39.50415	(07012617)
669725.67	4103436.45	39.17240	(07012617)	670303.17	4104784.16	60.97137	(05031518)
670325.89	4104792.04	62.80530	(05031518)	670348.62	4104799.91	66.31410	(05031518)
670371.35	4104807.79	69.03450	(05031518)	670394.08	4104815.66	70.21297	(05031518)
670416.80	4104823.54	69.48424	(05031518)	670439.53	4104831.41	67.92341	(05031518)
670462.26	4104839.28	65.25553	(05031518)	670484.98	4104847.16	61.27273	(05031518)
670507.71	4104855.03	57.93767	(07122817)	670530.44	4104862.91	56.64942	(07122817)
670553.17	4104870.78	53.41158	(07122817)	670575.89	4104878.66	51.59925	(08122819)
670598.62	4104886.53	50.74941	(08122819)	670621.35	4104894.40	52.83196	(07022106)
670644.08	4104902.28	56.10286	(05011917)	670666.80	4104910.15	60.31885	(05011917)
670689.53	4104918.03	65.10231	(05011917)	670712.26	4104925.90	69.01084	(05011917)
670734.99	4104933.78	72.00092	(05011917)	670757.71	4104941.65	73.66352	(05011917)
670780.44	4104949.52	74.52339	(05011917)	670803.17	4104957.40	75.24822	(05011917)
670825.89	4104965.27	75.31751	(05011917)	670848.62	4104973.15	73.20391	(05011917)
670871.35	4104981.02	68.88918	(05011917)	670894.08	4104988.89	64.29758	(05011917)
670122.00	4105240.23	49.03478	(05031518)	670104.52	4105223.84	47.58748	(05031518)
670087.03	4105207.45	45.96833	(05031518)	670069.55	4105191.06	44.08206	(05031518)
670052.07	4105174.68	41.88167	(05031518)	670034.59	4105158.29	40.26025	(04012617)
670017.10	4105141.90	41.17792	(04012617)	669999.62	4105125.52	41.87094	(04012617)
669982.14	4105109.13	42.34357	(04012617)	669964.66	4105092.74	42.74369	(07020808)
669947.17	4105076.36	43.55272	(05030308)	669929.69	4105059.97	50.20291	(05030308)
669912.21	4105043.58	59.94364	(05030308)	669894.73	4105027.19	67.23560	(05030308)
669877.25	4105010.81	69.27861	(05030308)	669859.76	4104994.42	73.11156	(05030308)
669842.28	4104978.03	77.78560	(05030308)	669824.80	4104961.65	81.83145	(05030308)
669807.32	4104945.26	85.08625	(05030308)	669789.83	4104928.87	87.54782	(05030308)
669772.35	4104912.49	89.20263	(05030308)	669754.87	4104896.10	90.03395	(05030308)
669737.39	4104879.71	90.11879	(05030308)	669719.91	4104863.32	89.45647	(05030308)
669702.42	4104846.94	88.12197	(05030308)	669684.94	4104830.55	86.21235	(05030308)
669667.46	4104814.16	83.77389	(05030308)	669649.98	4104797.78	80.88158	(05030308)
669632.49	4104781.39	77.59333	(05030308)	669615.01	4104765.00	74.01142	(05030308)
669597.53	4104748.61	70.16660	(05030308)	669580.05	4104732.23	69.87238	(04111008)
669562.57	4104715.84	71.42888	(04111008)	669545.08	4104699.45	72.57129	(04111008)
669527.60	4104683.07	73.35027	(04111008)	669510.12	4104666.68	73.76139	(04111008)
669492.64	4104650.29	73.87115	(04111008)	669475.15	4104633.91	73.67220	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669457.67	4104617.52	73.24262	(04111008)	669440.19	4104601.13	72.53335	(04111008)
669422.71	4104584.74	71.62915	(04111008)	669405.22	4104568.36	70.49084	(04111008)
669387.74	4104551.97	69.12599	(04111008)	669370.26	4104535.58	67.56719	(04111008)
669352.78	4104519.20	65.80308	(04111008)	669335.30	4104502.81	63.82885	(04111008)
669317.81	4104486.42	61.68371	(04111008)	669300.33	4104470.04	59.36547	(04111008)
669282.85	4104453.65	56.86537	(04111008)	669265.37	4104437.26	54.23639	(04111008)
669248.40	4104396.92	49.34854	(04111008)	669248.91	4104372.96	47.16530	(04111008)
669249.42	4104349.01	44.92364	(04111008)	669249.93	4104325.05	42.62789	(04111008)
669250.45	4104301.09	41.52897	(07012517)	669250.96	4104277.14	40.62013	(07012517)
669251.47	4104253.18	39.62135	(07012517)	669251.98	4104229.22	39.18980	(07012617)
669252.49	4104205.27	39.36578	(07012617)	669253.01	4104181.31	39.49018	(07012617)
669253.52	4104157.36	39.57654	(07012617)	669254.03	4104133.40	39.66017	(07012617)
669254.54	4104109.44	39.70980	(07012617)	669255.05	4104085.49	39.75128	(07012617)
669255.57	4104061.53	39.77785	(07012617)	669256.08	4104037.57	39.80534	(07012617)
669256.59	4104013.62	39.82563	(07012617)	669257.10	4103989.66	39.83752	(07012617)
669257.62	4103965.71	39.85101	(07012617)	669258.13	4103941.75	39.84151	(07012617)
669258.64	4103917.79	39.82379	(07012617)	669259.15	4103893.84	39.80296	(07012617)
669259.66	4103869.88	39.75674	(07012617)	669260.18	4103845.93	39.68809	(07012617)
669260.69	4103821.97	39.59943	(07012617)	669261.20	4103798.01	39.47522	(07012617)
669261.71	4103774.06	39.31620	(07012617)	669262.22	4103750.10	39.11677	(07012617)
669262.74	4103726.14	38.86756	(07012617)	669263.25	4103702.19	38.55904	(07012617)
669263.76	4103678.23	38.19205	(07012617)	669264.27	4103654.28	37.75336	(07012617)
669264.79	4103630.32	37.22664	(07012617)	669265.30	4103606.36	36.61236	(07012617)
669265.81	4103582.41	35.90327	(07012617)	669266.32	4103558.45	35.08685	(07012617)
669266.83	4103534.49	34.16155	(07012617)	669267.35	4103510.54	33.13024	(07012617)
669267.86	4103486.58	31.98478	(07012617)	669268.37	4103462.63	30.73287	(07012617)
669268.88	4103438.67	29.36527	(07012617)	669269.39	4103414.71	27.90192	(07012617)
669269.91	4103390.76	26.84170	(04012409)	669270.42	4103366.80	26.92980	(04012409)
669270.93	4103342.84	27.01824	(04012409)	669271.44	4103318.89	27.10505	(04012409)
669271.96	4103294.93	27.19099	(04012409)	669272.47	4103270.98	27.27600	(04012409)
669272.98	4103247.02	27.36001	(04012409)	669273.49	4103223.06	27.44310	(04012409)
670139.48	4105256.61	50.14453	(05031518)	670162.21	4105264.49	51.17559	(05031518)
670184.93	4105272.36	51.91501	(05031518)	670207.66	4105280.24	52.28567	(05031518)
670230.39	4105288.11	51.66767	(05031518)	670253.12	4105295.98	49.79464	(05031518)
670275.84	4105303.86	47.00790	(05031518)	670298.57	4105311.73	47.14331	(07122817)
670321.30	4105319.61	46.94069	(07122817)	670344.03	4105327.48	46.08424	(07122817)
670366.75	4105335.35	45.12703	(08122819)	670389.48	4105343.23	43.85035	(08122819)
670412.21	4105351.10	42.61576	(07022106)	670434.93	4105358.98	42.27317	(07022106)
670457.66	4105366.85	41.83671	(04011119)	670480.39	4105374.73	42.89677	(05011917)
670503.12	4105382.60	44.96921	(05011917)	670525.84	4105390.47	47.14687	(05011917)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670548.57	4105398.35	50.02160	(05011917)	670571.30	4105406.22	52.45559	(05011917)
670594.03	4105414.10	54.09179	(05011917)	670616.75	4105421.97	55.20226	(05011917)
670639.48	4105429.85	55.78022	(05011917)	670662.21	4105437.72	55.59520	(05011917)
670684.93	4105445.59	54.58361	(05011917)	670707.66	4105453.47	52.97259	(05011917)
670730.39	4105461.34	50.69717	(05011917)	669958.31	4105712.67	42.24706	(05031518)
669940.83	4105696.29	42.91912	(05031518)	669923.35	4105679.90	43.45101	(05031518)
669905.86	4105663.51	43.40677	(05031518)	669888.38	4105647.12	42.81239	(05031518)
669870.90	4105630.74	41.71387	(05031518)	669853.42	4105614.35	40.39155	(05031518)
669835.93	4105597.96	38.81454	(05031518)	669818.45	4105581.58	36.98071	(05031518)
669800.97	4105565.19	34.95237	(05031518)	669783.49	4105548.80	32.75341	(05031518)
669766.01	4105532.42	33.82606	(07020808)	669748.52	4105516.03	34.74470	(07020808)
669731.04	4105499.64	35.54353	(07020808)	669713.56	4105483.25	36.12128	(07020808)
669696.08	4105466.87	36.38695	(07020808)	669678.59	4105450.48	40.98798	(05030308)
669661.11	4105434.09	43.62235	(07020808)	669643.63	4105417.71	45.76313	(05030308)
669626.15	4105401.32	50.01894	(05030308)	669608.67	4105384.93	54.43952	(05030308)
669591.18	4105368.55	59.15810	(05030308)	669573.70	4105352.16	63.86038	(05030308)
669556.22	4105335.77	68.30655	(05030308)	669538.74	4105319.38	72.47930	(05030308)
669521.25	4105303.00	76.16137	(05030308)	669503.77	4105286.61	79.09108	(05030308)
669486.29	4105270.22	81.35218	(05030308)	669468.81	4105253.84	82.97451	(05030308)
669451.33	4105237.45	83.95052	(05030308)	669433.84	4105221.06	84.28153	(05030308)
669416.36	4105204.68	83.99751	(05030308)	669398.88	4105188.29	83.14938	(05030308)
669381.40	4105171.90	81.75549	(05030308)	669363.91	4105155.51	79.84098	(05030308)
669346.43	4105139.13	77.49594	(05030308)	669328.95	4105122.74	74.78484	(05030308)
669311.47	4105106.35	71.74245	(05030308)	669293.98	4105089.97	68.43531	(05030308)
669276.50	4105073.58	64.92066	(05030308)	669259.02	4105057.19	62.98473	(04111008)
669241.54	4105040.81	65.26030	(04111008)	669224.06	4105024.42	67.15975	(04111008)
669206.57	4105008.03	68.69776	(04111008)	669189.09	4104991.64	69.85946	(04111008)
669171.61	4104975.26	70.67320	(04111008)	669154.13	4104958.87	71.16074	(04111008)
669136.64	4104942.48	71.33219	(04111008)	669119.16	4104926.10	71.22321	(04111008)
669101.68	4104909.71	70.82305	(04111008)	669084.20	4104893.32	70.15957	(04111008)
669066.72	4104876.94	69.26310	(04111008)	669049.23	4104860.55	68.13718	(04111008)
669031.75	4104844.16	66.77944	(04111008)	669014.27	4104827.77	65.23102	(04111008)
668996.79	4104811.39	63.49833	(04111008)	668979.30	4104795.00	61.58062	(04111008)
668961.82	4104778.61	59.49216	(04111008)	668944.34	4104762.23	57.25850	(04111008)
668926.86	4104745.84	54.88899	(04111008)	668909.38	4104729.45	52.40221	(04111008)
668891.89	4104713.07	49.81362	(04111008)	668874.41	4104696.68	47.14818	(04111008)
668856.93	4104680.29	44.40869	(04111008)	668839.45	4104663.90	41.63677	(04111008)
668821.96	4104647.52	39.02057	(07012517)	668804.48	4104631.13	37.92551	(07012517)
668787.51	4104590.79	35.82487	(07012517)	668788.02	4104566.83	34.92289	(07012617)
668788.54	4104542.87	35.70070	(07012617)	668789.05	4104518.92	36.35085	(07012617)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
668789.56	4104494.96	36.88846	(07012617)	668790.07	4104471.01	37.32101	(07012617)
668790.58	4104447.05	37.66095	(07012617)	668791.10	4104423.09	37.92809	(07012617)
668791.61	4104399.14	38.13107	(07012617)	668792.12	4104375.18	38.28282	(07012617)
668792.63	4104351.22	38.39415	(07012617)	668793.15	4104327.27	38.46648	(07012617)
668793.66	4104303.31	38.51515	(07012617)	668794.17	4104279.36	38.54429	(07012617)
668794.68	4104255.40	38.55408	(07012617)	668795.19	4104231.44	38.55130	(07012617)
668795.71	4104207.49	38.53349	(07012617)	668796.22	4104183.53	38.50430	(07012617)
668796.73	4104159.57	38.45059	(07012617)	668797.24	4104135.62	38.38913	(07012617)
668797.75	4104111.66	38.31305	(07012617)	668798.27	4104087.71	38.21765	(07012617)
668798.78	4104063.75	38.08806	(07012617)	668799.29	4104039.79	37.92955	(07012617)
668799.80	4104015.84	37.75211	(07012617)	668800.32	4103991.88	37.52093	(07012617)
668800.83	4103967.92	37.25749	(07012617)	668801.34	4103943.97	36.93838	(07012617)
668801.85	4103920.01	36.56322	(07012617)	668802.36	4103896.06	36.12945	(07012617)
668802.88	4103872.10	35.64118	(07012617)	668803.39	4103848.14	35.07161	(07012617)
668803.90	4103824.19	34.42793	(07012617)	668804.41	4103800.23	33.69902	(07012617)
668804.92	4103776.27	32.89092	(07012617)	668805.44	4103752.32	31.99979	(07012617)
668805.95	4103728.36	31.01831	(07012617)	668806.46	4103704.41	29.95216	(07012617)
668806.97	4103680.45	28.80623	(07012617)	668807.48	4103656.49	27.83069	(04012409)
668808.00	4103632.54	27.90943	(04012409)	668808.51	4103608.58	27.97981	(04012409)
668809.02	4103584.62	28.04095	(04012409)	668809.53	4103560.67	28.10568	(04012409)
668810.05	4103536.71	28.16667	(04012409)	668810.56	4103512.76	28.22968	(04012409)
668811.07	4103488.80	28.28732	(04012409)	668811.58	4103464.84	28.34497	(04012409)
668812.09	4103440.89	28.40200	(04012409)	668812.61	4103416.93	28.45842	(04012409)
668813.12	4103392.97	28.51427	(04012409)	668813.63	4103369.02	28.56952	(04012409)
668814.14	4103345.06	28.62421	(04012409)	668814.65	4103321.11	28.67886	(04012409)
668815.17	4103297.15	28.73214	(04012409)	668815.68	4103273.19	28.78598	(04012409)
668816.19	4103249.24	28.83958	(04012409)	668816.70	4103225.28	28.88689	(04012409)
668817.22	4103201.33	28.94015	(04012409)	668817.73	4103177.37	28.98760	(04012409)
668818.24	4103153.41	29.03328	(04012409)	668818.75	4103129.46	29.07910	(04012409)
668819.26	4103105.50	29.12371	(04012409)	668819.78	4103081.54	29.15707	(04012409)
668820.29	4103057.59	29.18998	(04012409)	668820.80	4103033.63	29.21060	(04012409)
668821.31	4103009.68	29.22351	(04012409)	669975.79	4105729.06	41.48682	(05031518)
669998.52	4105736.93	40.35395	(05031518)	670021.25	4105744.81	43.88398	(05031518)
670043.97	4105752.68	46.72991	(04011120)	670066.70	4105760.56	47.55356	(04011120)
670089.43	4105768.43	44.81517	(07122817)	670112.16	4105776.31	36.70131	(08010222)
670134.88	4105784.18	36.58610	(04011118)	670157.61	4105792.05	37.30526	(04011118)
670180.34	4105799.93	41.14367	(06120721)	670203.07	4105807.80	44.61097	(06120721)
670225.79	4105815.68	46.40573	(07022106)	670248.52	4105823.55	45.58392	(07022106)
670271.25	4105831.42	42.45165	(07022106)	670293.98	4105839.30	36.43674	(04011119)
670316.70	4105847.17	36.45012	(05011917)	670339.43	4105855.05	38.19495	(05011917)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670362.16	4105862.92	39.66641	(05011917)	670384.88	4105870.80	40.90962	(05011917)
670407.61	4105878.67	41.86215	(05011917)	670430.34	4105886.54	42.46359	(05011917)
670453.07	4105894.42	42.93254	(05011917)	670475.79	4105902.29	43.38248	(05011917)
670498.52	4105910.17	43.82142	(05011917)	670521.25	4105918.04	44.06796	(05011917)
670543.98	4105925.92	44.20485	(05011917)	670566.70	4105933.79	44.06013	(05011917)
671243.44	4104055.89	73.99177	(07011317)	671255.31	4104033.93	73.86209	(07011317)
671267.18	4104011.97	73.64243	(07011317)	671279.05	4103990.02	73.85938	(04040307)
671290.91	4103968.06	78.39715	(04040307)	671302.78	4103946.10	80.94573	(04040307)
671314.65	4103924.14	82.02697	(04040307)	671326.51	4103902.19	82.31908	(04040307)
671338.38	4103880.23	82.30420	(04040307)	671350.25	4103858.27	82.22070	(04040307)
671362.12	4103836.31	87.09188	(08040207)	671373.98	4103814.36	89.50008	(08040207)
671385.85	4103792.40	90.37957	(08040207)	671397.72	4103770.44	90.62146	(08040207)
671409.59	4103748.49	90.63950	(08040207)	671421.45	4103726.53	90.59184	(08040207)
671433.32	4103704.57	90.52533	(08040207)	671445.19	4103682.61	90.45266	(08040207)
671457.05	4103660.66	90.38103	(08040207)	671468.92	4103638.70	90.30894	(08040207)
671480.79	4103616.74	90.23809	(08040207)	671492.66	4103594.79	90.16603	(08040207)
671504.52	4103572.83	90.09711	(08040207)	671516.39	4103550.87	90.02688	(08040207)
671528.26	4103528.91	89.95694	(08040207)	671540.13	4103506.96	89.88655	(08040207)
671551.99	4103485.00	89.81828	(08040207)	671563.86	4103463.04	89.74937	(08040207)
671575.73	4103441.09	89.68005	(08040207)	671587.60	4103419.13	89.61170	(08040207)
671599.46	4103397.17	89.54464	(08040207)	671611.33	4103375.21	89.47773	(08040207)
671623.20	4103353.26	89.40961	(08040207)	671635.06	4103331.30	89.34273	(08040207)
671646.93	4103309.34	89.27579	(08040207)	671658.80	4103287.39	89.20943	(08040207)
671670.67	4103265.43	89.14256	(08040207)	671682.53	4103243.47	89.07842	(08040207)
671694.40	4103221.51	89.01272	(08040207)	671706.27	4103199.56	88.94689	(08040207)
671718.14	4103177.60	88.88115	(08040207)	671730.00	4103155.64	88.81766	(08040207)
671741.87	4103133.68	88.75318	(08040207)	671753.74	4103111.73	88.68847	(08040207)
671765.60	4103089.77	88.62590	(08040207)	671777.47	4103067.81	88.56214	(08040207)
671789.34	4103045.86	88.49801	(08040207)	671801.21	4103023.90	88.43501	(08040207)
671813.07	4103001.94	88.37379	(08040207)	671824.94	4102979.98	88.31170	(08040207)
671836.81	4102958.03	88.24927	(08040207)	671848.68	4102936.07	88.18742	(08040207)
671860.54	4102914.11	88.12656	(08040207)	671872.41	4102892.16	88.06562	(08040207)
671884.28	4102870.20	88.00532	(08040207)	671896.14	4102848.24	87.94563	(08040207)
671908.01	4102826.28	87.88579	(08040207)	671919.88	4102804.33	87.82430	(08040207)
671931.75	4102782.37	87.76403	(08040207)	671943.61	4102760.41	87.70562	(08040207)
671955.48	4102738.46	87.64587	(08040207)	671967.35	4102716.50	87.58691	(08040207)
671979.22	4102694.54	87.52836	(08040207)	671991.08	4102672.58	87.47123	(08040207)
672002.95	4102650.63	87.41259	(08040207)	672014.82	4102628.67	87.35560	(08040207)
672026.69	4102606.71	87.29775	(08040207)	672038.55	4102584.76	87.24053	(08040207)
672050.42	4102562.80	87.18085	(08040207)	672062.29	4102540.84	87.11410	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672074.15	4102518.88	87.03016	(08040207)	672086.02	4102496.93	86.89734	(08040207)
672097.89	4102474.97	86.64921	(08040207)	672109.76	4102453.01	86.14913	(08040207)
672121.62	4102431.05	85.13502	(08040207)	672133.49	4102409.10	85.25084	(07012717)
672145.36	4102387.14	86.31122	(07012717)	672157.23	4102365.18	87.35222	(07012717)
672169.09	4102343.23	88.36460	(07012717)	672180.96	4102321.27	89.36509	(07012717)
672192.83	4102299.31	90.34682	(07012717)	672204.69	4102277.35	91.30781	(07012717)
672216.56	4102255.40	92.21827	(07012717)	672228.43	4102233.44	93.11025	(07012717)
672240.30	4102211.48	93.99286	(07012717)	672252.16	4102189.53	94.87314	(07012717)
672264.03	4102167.57	95.76173	(07012717)	672275.90	4102145.61	96.63583	(07012717)
672287.77	4102123.65	97.49938	(07012717)	672299.63	4102101.70	98.40107	(07012717)
671252.50	4104079.19	71.03961	(07011317)	671277.30	4104045.82	69.85184	(07011317)
671289.17	4104023.86	69.62303	(07011317)	671301.04	4104001.90	72.50384	(04040307)
671312.91	4103979.94	75.88754	(04040307)	671324.77	4103957.99	77.70536	(04040307)
671336.64	4103936.03	78.45092	(04040307)	671348.51	4103914.07	78.64331	(04040307)
671360.37	4103892.12	78.63178	(04040307)	671372.24	4103870.16	78.55470	(04040307)
671384.11	4103848.20	82.98057	(08040207)	671395.98	4103826.24	85.60140	(08040207)
671407.84	4103804.29	86.66693	(08040207)	671419.71	4103782.33	87.01168	(08040207)
671431.58	4103760.37	87.08076	(08040207)	671443.45	4103738.42	87.05497	(08040207)
671455.31	4103716.46	87.00382	(08040207)	671467.18	4103694.50	86.94368	(08040207)
671479.05	4103672.54	86.88137	(08040207)	671490.92	4103650.59	86.81886	(08040207)
671502.78	4103628.63	86.75995	(08040207)	671514.65	4103606.67	86.69916	(08040207)
671526.52	4103584.72	86.63788	(08040207)	671538.38	4103562.76	86.57903	(08040207)
671550.25	4103540.80	86.51948	(08040207)	671562.12	4103518.84	86.46013	(08040207)
671573.99	4103496.89	86.40052	(08040207)	671585.85	4103474.93	86.34288	(08040207)
671597.72	4103452.97	86.28430	(08040207)	671609.59	4103431.02	86.22523	(08040207)
671621.46	4103409.06	86.16747	(08040207)	671633.32	4103387.10	86.11137	(08040207)
671645.19	4103365.14	86.05401	(08040207)	671657.06	4103343.19	85.99509	(08040207)
671668.92	4103321.23	85.93895	(08040207)	671680.79	4103299.27	85.88247	(08040207)
671692.66	4103277.31	85.82663	(08040207)	671704.53	4103255.36	85.77010	(08040207)
671716.39	4103233.40	85.71526	(08040207)	671728.26	4103211.44	85.65930	(08040207)
671740.13	4103189.49	85.60350	(08040207)	671752.00	4103167.53	85.54768	(08040207)
671763.86	4103145.57	85.49395	(08040207)	671775.73	4103123.61	85.43935	(08040207)
671787.60	4103101.66	85.38445	(08040207)	671799.47	4103079.70	85.33038	(08040207)
671811.33	4103057.74	85.27683	(08040207)	671823.20	4103035.79	85.22286	(08040207)
671835.07	4103013.83	85.16974	(08040207)	671846.93	4102991.87	85.11794	(08040207)
671858.80	4102969.91	85.06539	(08040207)	671870.67	4102947.96	85.01222	(08040207)
671882.54	4102926.00	84.95978	(08040207)	671894.40	4102904.04	84.90837	(08040207)
671906.27	4102882.09	84.85731	(08040207)	671918.14	4102860.13	84.80501	(08040207)
671930.01	4102838.17	84.75408	(08040207)	671941.87	4102816.21	84.70440	(08040207)
671953.74	4102794.26	84.65210	(08040207)	671965.61	4102772.30	84.60108	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671977.47	4102750.34	84.55171	(08040207)	671989.34	4102728.38	84.50161	(08040207)
672001.21	4102706.43	84.45121	(08040207)	672013.08	4102684.47	84.40158	(08040207)
672024.94	4102662.51	84.35375	(08040207)	672036.81	4102640.56	84.30372	(08040207)
672048.68	4102618.60	84.25461	(08040207)	672060.55	4102596.64	84.20477	(08040207)
672072.41	4102574.68	84.15280	(08040207)	672084.28	4102552.73	84.08960	(08040207)
672096.15	4102530.77	84.00218	(08040207)	672108.02	4102508.81	83.85344	(08040207)
672119.88	4102486.86	83.56936	(08040207)	672131.75	4102464.90	82.99316	(08040207)
672143.62	4102442.94	81.85832	(08040207)	672155.48	4102420.98	79.74689	(08040207)
672167.35	4102399.03	77.46174	(07012717)	672179.22	4102377.07	78.57269	(07012717)
672191.09	4102355.11	79.65640	(07012717)	672202.95	4102333.16	80.71650	(07012717)
672214.82	4102311.20	81.76981	(07012717)	672226.69	4102289.24	82.80875	(07012717)
672238.56	4102267.28	83.81735	(07012717)	672250.42	4102245.33	84.79347	(07012717)
672262.29	4102223.37	85.77848	(07012717)	672274.16	4102201.41	86.75603	(07012717)
672286.02	4102179.46	87.69947	(07012717)	672297.89	4102157.50	88.60313	(07012717)
672309.76	4102135.54	89.52530	(07012717)	672321.63	4102113.58	90.49020	(07012717)
671274.50	4104091.07	67.41023	(07011317)	671231.39	4104114.22	71.27377	(07011317)
671299.30	4104057.70	66.23042	(07011317)	671311.16	4104035.75	66.83353	(04040307)
671323.03	4104013.79	70.87079	(04040307)	671334.90	4103991.83	73.40021	(04040307)
671346.77	4103969.87	74.70429	(04040307)	671358.63	4103947.92	75.22432	(04040307)
671370.50	4103925.96	75.36075	(04040307)	671382.37	4103904.00	75.33699	(04040307)
671394.24	4103882.05	75.27593	(04040307)	671406.10	4103860.09	79.21181	(08040207)
671417.97	4103838.13	82.00382	(08040207)	671429.84	4103816.17	83.23867	(08040207)
671441.70	4103794.22	83.69016	(08040207)	671453.57	4103772.26	83.81414	(08040207)
671465.44	4103750.30	83.81549	(08040207)	671477.31	4103728.35	83.77736	(08040207)
671489.17	4103706.39	83.73042	(08040207)	671501.04	4103684.43	83.67864	(08040207)
671512.91	4103662.47	83.62550	(08040207)	671524.78	4103640.52	83.57401	(08040207)
671536.64	4103618.56	83.52365	(08040207)	671548.51	4103596.60	83.47221	(08040207)
671560.38	4103574.65	83.42061	(08040207)	671572.25	4103552.69	83.36975	(08040207)
671584.11	4103530.73	83.32055	(08040207)	671595.98	4103508.77	83.27030	(08040207)
671607.85	4103486.82	83.22002	(08040207)	671619.71	4103464.86	83.17162	(08040207)
671631.58	4103442.90	83.12226	(08040207)	671643.45	4103420.94	83.07309	(08040207)
671655.32	4103398.99	83.02428	(08040207)	671667.18	4103377.03	82.97691	(08040207)
671679.05	4103355.07	82.92726	(08040207)	671690.92	4103333.12	82.87845	(08040207)
671702.79	4103311.16	82.82983	(08040207)	671714.65	4103289.20	82.78372	(08040207)
671726.52	4103267.24	82.73605	(08040207)	671738.39	4103245.29	82.68864	(08040207)
671750.25	4103223.33	82.64220	(08040207)	671762.12	4103201.37	82.59542	(08040207)
671773.99	4103179.42	82.54768	(08040207)	671785.86	4103157.46	82.50127	(08040207)
671797.72	4103135.50	82.45603	(08040207)	671809.59	4103113.54	82.40999	(08040207)
671821.46	4103091.59	82.36364	(08040207)	671833.33	4103069.63	82.31804	(08040207)
671845.19	4103047.67	82.27317	(08040207)	671857.06	4103025.72	82.22764	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671868.93	4103003.76	82.18286	(08040207)	671880.79	4102981.80	82.13946	(08040207)
671892.66	4102959.84	82.09476	(08040207)	671904.53	4102937.89	82.04985	(08040207)
671916.40	4102915.93	82.00531	(08040207)	671928.26	4102893.97	81.96266	(08040207)
671940.13	4102872.01	81.91961	(08040207)	671952.00	4102850.06	81.87550	(08040207)
671963.87	4102828.10	81.83267	(08040207)	671975.73	4102806.14	81.79083	(08040207)
671987.60	4102784.19	81.74679	(08040207)	671999.47	4102762.23	81.70373	(08040207)
672011.34	4102740.27	81.66122	(08040207)	672023.20	4102718.31	81.61995	(08040207)
672035.07	4102696.36	81.57759	(08040207)	672046.94	4102674.40	81.53601	(08040207)
672058.80	4102652.44	81.49508	(08040207)	672070.67	4102630.49	81.45323	(08040207)
672082.54	4102608.53	81.40955	(08040207)	672094.41	4102586.57	81.36139	(08040207)
672106.27	4102564.61	81.30111	(08040207)	672118.14	4102542.66	81.20635	(08040207)
672130.01	4102520.70	81.03863	(08040207)	672141.88	4102498.74	80.70785	(08040207)
672153.74	4102476.79	80.05487	(08040207)	672165.61	4102454.83	78.80253	(08040207)
672177.48	4102432.87	76.54795	(08040207)	672189.34	4102410.91	72.79811	(08040207)
672201.21	4102388.96	71.36855	(05013117)	672213.08	4102367.00	71.72612	(05013117)
672224.95	4102345.04	72.56791	(07012717)	672236.81	4102323.09	73.66759	(07012717)
672248.68	4102301.13	74.76184	(07012717)	672260.55	4102279.17	75.83553	(07012717)
672272.42	4102257.21	76.89764	(07012717)	672284.28	4102235.26	77.96380	(07012717)
672296.15	4102213.30	79.00128	(07012717)	672308.02	4102191.34	79.95527	(07012717)
672319.89	4102169.38	80.87087	(07012717)	672331.75	4102147.43	81.88909	(07012717)
672343.62	4102125.47	82.94056	(07012717)	671292.18	4104106.77	64.37895	(07011317)
671274.94	4104121.98	65.54324	(07011317)	671234.70	4104137.63	69.24762	(07011317)
671211.71	4104138.06	72.37122	(05011917)	671309.42	4104091.55	63.14730	(07011317)
671321.29	4104069.59	62.89992	(07011317)	671333.16	4104047.63	65.96490	(04040307)
671345.02	4104025.68	69.09195	(04040307)	671356.89	4104003.72	70.97900	(04040307)
671368.76	4103981.76	71.93224	(04040307)	671380.63	4103959.80	72.30761	(04040307)
671392.49	4103937.85	72.39853	(04040307)	671404.36	4103915.89	72.37642	(04040307)
671416.23	4103893.93	72.32279	(04040307)	671428.10	4103871.98	75.77406	(08040207)
671439.96	4103850.02	78.67697	(08040207)	671451.83	4103828.06	80.06378	(08040207)
671463.70	4103806.10	80.62467	(08040207)	671475.57	4103784.15	80.80673	(08040207)
671487.43	4103762.19	80.83935	(08040207)	671499.30	4103740.23	80.81893	(08040207)
671511.17	4103718.27	80.78089	(08040207)	671523.03	4103696.32	80.73926	(08040207)
671534.90	4103674.36	80.69427	(08040207)	671546.77	4103652.40	80.65107	(08040207)
671558.64	4103630.45	80.60727	(08040207)	671570.50	4103608.49	80.56507	(08040207)
671582.37	4103586.53	80.52215	(08040207)	671594.24	4103564.57	80.47959	(08040207)
671606.11	4103542.62	80.43670	(08040207)	671617.97	4103520.66	80.39485	(08040207)
671629.84	4103498.70	80.35266	(08040207)	671641.71	4103476.75	80.31040	(08040207)
671653.57	4103454.79	80.26985	(08040207)	671665.44	4103432.83	80.22834	(08040207)
671677.31	4103410.87	80.18773	(08040207)	671689.18	4103388.92	80.14680	(08040207)
671701.04	4103366.96	80.10610	(08040207)	671712.91	4103345.00	80.06485	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671724.78	4103323.05	80.02440	(08040207)	671736.65	4103301.09	79.98419	(08040207)
671748.51	4103279.13	79.94460	(08040207)	671760.38	4103257.17	79.90522	(08040207)
671772.25	4103235.22	79.86539	(08040207)	671784.12	4103213.26	79.82577	(08040207)
671795.98	4103191.30	79.78752	(08040207)	671807.85	4103169.35	79.74748	(08040207)
671819.72	4103147.39	79.70854	(08040207)	671831.58	4103125.43	79.67073	(08040207)
671843.45	4103103.47	79.63217	(08040207)	671855.32	4103081.52	79.59330	(08040207)
671867.19	4103059.56	79.55511	(08040207)	671879.05	4103037.60	79.51775	(08040207)
671890.92	4103015.64	79.48010	(08040207)	671902.79	4102993.69	79.44239	(08040207)
671914.66	4102971.73	79.40544	(08040207)	671926.52	4102949.77	79.36823	(08040207)
671938.39	4102927.82	79.33056	(08040207)	671950.26	4102905.86	79.29296	(08040207)
671962.12	4102883.90	79.25773	(08040207)	671973.99	4102861.94	79.22137	(08040207)
671985.86	4102839.99	79.18482	(08040207)	671997.73	4102818.03	79.14900	(08040207)
672009.59	4102796.07	79.11400	(08040207)	672021.46	4102774.12	79.07714	(08040207)
672033.33	4102752.16	79.04104	(08040207)	672045.20	4102730.20	79.00563	(08040207)
672057.06	4102708.24	78.97146	(08040207)	672068.93	4102686.29	78.93542	(08040207)
672080.80	4102664.33	78.90019	(08040207)	672092.67	4102642.37	78.86461	(08040207)
672104.53	4102620.42	78.82690	(08040207)	672116.40	4102598.46	78.78155	(08040207)
672128.27	4102576.50	78.71882	(08040207)	672140.13	4102554.54	78.61693	(08040207)
672152.00	4102532.59	78.42371	(08040207)	672163.87	4102510.63	78.04467	(08040207)
672175.74	4102488.67	77.30857	(08040207)	672187.60	4102466.72	75.94595	(08040207)
672199.47	4102444.76	73.57258	(08040207)	672211.34	4102422.80	69.74624	(08040207)
672223.21	4102400.84	68.93623	(05120716)	672235.07	4102378.89	68.89526	(05120716)
672246.94	4102356.93	68.84921	(05120716)	672258.81	4102334.97	68.76344	(05120716)
672270.67	4102313.01	69.08677	(05013117)	672282.54	4102291.06	69.44142	(05013117)
672294.41	4102269.10	69.82222	(05013117)	672306.28	4102247.14	70.49464	(07012717)
672318.14	4102225.19	71.55392	(07012717)	672330.01	4102203.23	72.56175	(07012717)
672341.88	4102181.27	73.56358	(07012717)	672353.75	4102159.31	74.62214	(07012717)
672365.61	4102137.36	75.71077	(07012717)	671337.89	4104129.02	58.24019	(07011317)
671306.85	4104156.41	60.24903	(07011317)	671255.12	4104184.19	64.21568	(07011317)
671213.73	4104184.96	68.10793	(07011317)	671365.28	4104093.36	60.67840	(04040307)
671377.14	4104071.41	63.56280	(04040307)	671389.01	4104049.45	65.44589	(04040307)
671400.88	4104027.49	66.51945	(04040307)	671412.75	4104005.53	67.03208	(04040307)
671424.61	4103983.58	67.22694	(04040307)	671436.48	4103961.62	67.27236	(04040307)
671448.35	4103939.66	67.25338	(04040307)	671460.22	4103917.71	67.21402	(04040307)
671472.08	4103895.75	69.71229	(08040207)	671483.95	4103873.79	72.75320	(08040207)
671495.82	4103851.83	74.38492	(08040207)	671507.68	4103829.88	75.14986	(08040207)
671519.55	4103807.92	75.45923	(08040207)	671531.42	4103785.96	75.56148	(08040207)
671543.29	4103764.01	75.57571	(08040207)	671555.15	4103742.05	75.56071	(08040207)
671567.02	4103720.09	75.53579	(08040207)	671578.89	4103698.13	75.50557	(08040207)
671590.76	4103676.18	75.47575	(08040207)	671602.62	4103654.22	75.44584	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671614.49	4103632.26	75.41611	(08040207)	671626.36	4103610.31	75.38614	(08040207)
671638.22	4103588.35	75.35740	(08040207)	671650.09	4103566.39	75.32736	(08040207)
671661.96	4103544.43	75.29805	(08040207)	671673.83	4103522.48	75.26843	(08040207)
671685.69	4103500.52	75.24081	(08040207)	671697.56	4103478.56	75.21142	(08040207)
671709.43	4103456.61	75.18254	(08040207)	671721.30	4103434.65	75.15413	(08040207)
671733.16	4103412.69	75.12619	(08040207)	671745.03	4103390.73	75.09814	(08040207)
671756.90	4103368.78	75.06928	(08040207)	671768.77	4103346.82	75.04137	(08040207)
671780.63	4103324.86	75.01410	(08040207)	671792.50	4103302.90	74.98677	(08040207)
671804.37	4103280.95	74.95841	(08040207)	671816.23	4103258.99	74.93189	(08040207)
671828.10	4103237.03	74.90522	(08040207)	671839.97	4103215.08	74.87764	(08040207)
671851.84	4103193.12	74.85074	(08040207)	671863.70	4103171.16	74.82435	(08040207)
671875.57	4103149.20	74.79760	(08040207)	671887.44	4103127.25	74.77056	(08040207)
671899.31	4103105.29	74.74407	(08040207)	671911.17	4103083.33	74.71851	(08040207)
671923.04	4103061.38	74.69192	(08040207)	671934.91	4103039.42	74.66593	(08040207)
671946.77	4103017.46	74.64121	(08040207)	671958.64	4102995.50	74.61576	(08040207)
671970.51	4102973.55	74.58942	(08040207)	671982.38	4102951.59	74.56306	(08040207)
671994.24	4102929.63	74.53835	(08040207)	672006.11	4102907.68	74.51209	(08040207)
672017.98	4102885.72	74.48767	(08040207)	672029.85	4102863.76	74.46235	(08040207)
672041.71	4102841.80	74.43854	(08040207)	672053.58	4102819.85	74.41367	(08040207)
672065.45	4102797.89	74.38900	(08040207)	672077.32	4102775.93	74.36430	(08040207)
672089.18	4102753.97	74.34042	(08040207)	672101.05	4102732.02	74.31532	(08040207)
672112.92	4102710.06	74.29107	(08040207)	672124.78	4102688.10	74.26720	(08040207)
672136.65	4102666.15	74.24037	(08040207)	672148.52	4102644.19	74.20874	(08040207)
672160.39	4102622.23	74.16438	(08040207)	672172.25	4102600.27	74.09287	(08040207)
672184.12	4102578.32	73.96119	(08040207)	672195.99	4102556.36	73.70790	(08040207)
672207.86	4102534.40	73.21991	(08040207)	672219.72	4102512.45	72.32116	(08040207)
672231.59	4102490.49	70.75044	(08040207)	672243.46	4102468.53	68.18481	(08040207)
672255.32	4102446.57	64.66337	(05120716)	672267.19	4102424.62	64.63739	(05120716)
672279.06	4102402.66	64.60766	(05120716)	672290.93	4102380.70	64.57442	(05120716)
672302.79	4102358.75	64.50991	(05120716)	672314.66	4102336.79	64.39779	(05120716)
672326.53	4102314.83	64.17174	(05120716)	672338.40	4102292.87	63.73340	(05120716)
672350.26	4102270.92	63.58402	(05013117)	672362.13	4102248.96	63.99125	(05013117)
672374.00	4102227.00	64.37749	(05013117)	672385.87	4102205.05	64.74713	(05013117)
672397.73	4102183.09	65.13309	(05013117)	672409.60	4102161.13	65.60665	(05013117)
671380.15	4104154.31	53.26247	(04040307)	671362.91	4104169.53	54.07160	(07011317)
671345.67	4104184.75	55.13402	(07011317)	671328.42	4104199.97	56.19566	(07011317)
671311.18	4104215.18	57.20760	(07011317)	671270.94	4104230.83	60.27846	(07011317)
671247.95	4104231.26	62.31517	(07011317)	671224.96	4104231.69	64.20128	(07011317)
671201.96	4104232.12	65.80263	(07011317)	671178.97	4104232.55	71.08542	(05011917)
671397.40	4104139.09	56.31040	(04040307)	671409.26	4104117.14	58.97172	(04040307)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671421.13	4104095.18	60.80720	(04040307)	671433.00	4104073.22	61.94180	(04040307)
671444.87	4104051.27	62.56331	(04040307)	671456.73	4104029.31	62.85039	(04040307)
671468.60	4104007.35	62.96570	(04040307)	671480.47	4103985.39	62.98277	(04040307)
671492.33	4103963.44	62.96847	(04040307)	671504.20	4103941.48	62.94310	(04040307)
671516.07	4103919.52	64.57640	(08040207)	671527.94	4103897.57	67.65243	(08040207)
671539.80	4103875.61	69.46081	(08040207)	671551.67	4103853.65	70.40110	(08040207)
671563.54	4103831.69	70.83714	(08040207)	671575.41	4103809.74	71.01561	(08040207)
671587.27	4103787.78	71.07591	(08040207)	671599.14	4103765.82	71.08495	(08040207)
671611.01	4103743.86	71.07399	(08040207)	671622.87	4103721.91	71.05736	(08040207)
671634.74	4103699.95	71.03790	(08040207)	671646.61	4103677.99	71.01832	(08040207)
671658.48	4103656.04	70.99833	(08040207)	671670.34	4103634.08	70.97949	(08040207)
671682.21	4103612.12	70.95963	(08040207)	671694.08	4103590.16	70.94028	(08040207)
671705.95	4103568.21	70.92065	(08040207)	671717.81	4103546.25	70.90263	(08040207)
671729.68	4103524.29	70.88332	(08040207)	671741.55	4103502.34	70.86394	(08040207)
671753.42	4103480.38	70.84532	(08040207)	671765.28	4103458.42	70.82745	(08040207)
671777.15	4103436.46	70.80800	(08040207)	671789.02	4103414.51	70.78950	(08040207)
671800.88	4103392.55	70.77113	(08040207)	671812.75	4103370.59	70.75344	(08040207)
671824.62	4103348.64	70.73477	(08040207)	671836.49	4103326.68	70.71638	(08040207)
671848.35	4103304.72	70.69873	(08040207)	671860.22	4103282.76	70.68106	(08040207)
671872.09	4103260.81	70.66268	(08040207)	671883.96	4103238.85	70.64553	(08040207)
671895.82	4103216.89	70.62860	(08040207)	671907.69	4103194.94	70.61055	(08040207)
671919.56	4103172.98	70.59308	(08040207)	671931.42	4103151.02	70.57640	(08040207)
671943.29	4103129.06	70.55914	(08040207)	671955.16	4103107.11	70.54168	(08040207)
671967.03	4103085.15	70.52482	(08040207)	671978.89	4103063.19	70.50880	(08040207)
671990.76	4103041.23	70.49194	(08040207)	672002.63	4103019.28	70.47492	(08040207)
672014.50	4102997.32	70.45813	(08040207)	672026.36	4102975.36	70.44200	(08040207)
672038.23	4102953.41	70.42383	(08040207)	672050.10	4102931.45	70.40800	(08040207)
672061.97	4102909.49	70.39188	(08040207)	672073.83	4102887.53	70.37568	(08040207)
672085.70	4102865.58	70.35880	(08040207)	672097.57	4102843.62	70.34326	(08040207)
672109.43	4102821.66	70.32812	(08040207)	672121.30	4102799.71	70.31224	(08040207)
672133.17	4102777.75	70.29649	(08040207)	672145.04	4102755.79	70.28040	(08040207)
672156.90	4102733.83	70.26490	(08040207)	672168.77	4102711.88	70.24707	(08040207)
672180.64	4102689.92	70.22545	(08040207)	672192.51	4102667.96	70.19553	(08040207)
672204.37	4102646.01	70.14611	(08040207)	672216.24	4102624.05	70.05575	(08040207)
672228.11	4102602.09	69.88277	(08040207)	672239.97	4102580.13	69.55565	(08040207)
672251.84	4102558.18	68.95516	(08040207)	672263.71	4102536.22	67.89745	(08040207)
672275.58	4102514.26	66.15653	(08040207)	672287.44	4102492.31	63.46201	(08040207)
672299.31	4102470.35	60.95326	(05120716)	672311.18	4102448.39	60.93635	(05120716)
672323.05	4102426.43	60.91556	(05120716)	672334.91	4102404.48	60.89450	(05120716)
672346.78	4102382.52	60.85734	(05120716)	672358.65	4102360.56	60.78052	(05120716)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672370.52	4102338.60	60.62863	(05120716)	672382.38	4102316.65	60.35021	(05120716)
672394.25	4102294.69	59.84292	(05120716)	672406.12	4102272.73	59.01259	(05120716)
672417.98	4102250.78	58.66281	(05013117)	672429.85	4102228.82	59.17234	(05013117)
672441.72	4102206.86	59.72255	(05013117)	672453.59	4102184.90	60.26942	(05013117)
671422.91	4104179.17	52.93409	(04040307)	671404.43	4104195.48	49.80953	(04040307)
671385.96	4104211.78	50.49626	(07011317)	671367.48	4104228.09	51.65859	(07011317)
671349.01	4104244.39	52.80220	(07011317)	671330.54	4104260.70	53.98363	(07011317)
671287.42	4104277.46	56.98096	(07011317)	671262.79	4104277.92	58.84904	(07011317)
671238.15	4104278.38	60.65153	(07011317)	671213.52	4104278.84	62.24892	(07011317)
671188.88	4104279.30	63.44421	(07011317)	671164.24	4104279.76	69.87203	(05011917)
671441.38	4104162.87	55.09025	(04040307)	671453.25	4104140.91	56.86082	(04040307)
671465.12	4104118.95	58.01852	(04040307)	671476.98	4104097.00	58.71946	(04040307)
671488.85	4104075.04	59.09253	(04040307)	671500.72	4104053.08	59.26019	(04040307)
671512.59	4104031.12	59.32240	(04040307)	671524.45	4104009.17	59.32998	(04040307)
671536.32	4103987.21	59.32301	(04040307)	671548.19	4103965.25	59.30579	(04040307)
671560.06	4103943.30	60.22909	(05040607)	671571.92	4103921.34	63.23785	(08040207)
671583.79	4103899.38	65.15207	(08040207)	671595.66	4103877.42	66.23470	(08040207)
671607.52	4103855.47	66.79370	(08040207)	671619.39	4103833.51	67.05218	(08040207)
671631.26	4103811.55	67.16169	(08040207)	671643.13	4103789.60	67.19741	(08040207)
671654.99	4103767.64	67.20392	(08040207)	671666.86	4103745.68	67.19893	(08040207)
671678.73	4103723.72	67.18970	(08040207)	671690.60	4103701.77	67.17805	(08040207)
671702.46	4103679.81	67.16650	(08040207)	671714.33	4103657.85	67.15459	(08040207)
671726.20	4103635.90	67.14257	(08040207)	671738.07	4103613.94	67.13105	(08040207)
671749.93	4103591.98	67.12002	(08040207)	671761.80	4103570.02	67.10845	(08040207)
671773.67	4103548.07	67.09728	(08040207)	671785.53	4103526.11	67.08668	(08040207)
671797.40	4103504.15	67.07572	(08040207)	671809.27	4103482.20	67.06371	(08040207)
671821.14	4103460.24	67.05348	(08040207)	671833.00	4103438.28	67.04288	(08040207)
671844.87	4103416.32	67.03151	(08040207)	671856.74	4103394.37	67.02072	(08040207)
671868.61	4103372.41	67.00973	(08040207)	671880.47	4103350.45	66.99979	(08040207)
671892.34	4103328.49	66.98907	(08040207)	671904.21	4103306.54	66.97806	(08040207)
671916.07	4103284.58	66.96823	(08040207)	671927.94	4103262.62	66.95779	(08040207)
671939.81	4103240.67	66.94739	(08040207)	671951.68	4103218.71	66.93714	(08040207)
671963.54	4103196.75	66.92751	(08040207)	671975.41	4103174.79	66.91749	(08040207)
671987.28	4103152.84	66.90724	(08040207)	671999.15	4103130.88	66.89742	(08040207)
672011.01	4103108.92	66.88830	(08040207)	672022.88	4103086.97	66.87818	(08040207)
672034.75	4103065.01	66.86790	(08040207)	672046.62	4103043.05	66.85765	(08040207)
672058.48	4103021.09	66.84942	(08040207)	672070.35	4102999.14	66.83930	(08040207)
672082.22	4102977.18	66.82947	(08040207)	672094.08	4102955.22	66.82020	(08040207)
672105.95	4102933.27	66.81046	(08040207)	672117.82	4102911.31	66.80111	(08040207)
672129.69	4102889.35	66.79137	(08040207)	672141.55	4102867.39	66.78279	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672153.42	4102845.44	66.77388	(08040207)	672165.29	4102823.48	66.76505	(08040207)
672177.16	4102801.52	66.75540	(08040207)	672189.02	4102779.56	66.74684	(08040207)
672200.89	4102757.61	66.73594	(08040207)	672212.76	4102735.65	66.72233	(08040207)
672224.62	4102713.69	66.70360	(08040207)	672236.49	4102691.74	66.66940	(08040207)
672248.36	4102669.78	66.60782	(08040207)	672260.23	4102647.82	66.48947	(08040207)
672272.09	4102625.86	66.26754	(08040207)	672283.96	4102603.91	65.85721	(08040207)
672295.83	4102581.95	65.14012	(08040207)	672307.70	4102559.99	63.94518	(08040207)
672319.56	4102538.04	62.06898	(08040207)	672331.43	4102516.08	59.29653	(08040207)
672343.30	4102494.12	57.72472	(05120716)	672355.17	4102472.16	57.71414	(05120716)
672367.03	4102450.21	57.70516	(05120716)	672378.90	4102428.25	57.68886	(05120716)
672390.77	4102406.29	57.66463	(05120716)	672402.63	4102384.34	57.61574	(05120716)
672414.50	4102362.38	57.51789	(05120716)	672426.37	4102340.42	57.33754	(05120716)
672438.24	4102318.46	57.00635	(05120716)	672450.10	4102296.51	56.45325	(05120716)
672461.97	4102274.55	55.77826	(08022908)	672473.84	4102252.59	56.11884	(08022908)
672485.71	4102230.64	56.35709	(08022908)	672497.57	4102208.68	56.83882	(08022908)
671497.45	4104217.71	51.38029	(04040307)	671480.21	4104232.93	49.94652	(04040307)
671462.96	4104248.14	47.88036	(04040307)	671445.72	4104263.36	45.13901	(04040307)
671428.48	4104278.58	45.10863	(07011317)	671411.24	4104293.80	46.15191	(07011317)
671393.99	4104309.02	47.15688	(07011317)	671376.75	4104324.23	48.12937	(07011317)
671359.51	4104339.45	49.07654	(07011317)	671319.27	4104355.10	51.79786	(07011317)
671296.28	4104355.53	53.54564	(07011317)	671273.28	4104355.96	55.20425	(07011317)
671250.29	4104356.39	56.75459	(07011317)	671227.29	4104356.82	58.00070	(07011317)
671204.30	4104357.25	58.97876	(07011317)	671181.31	4104357.68	59.54462	(07011317)
671158.31	4104358.11	63.43085	(05011917)	671135.32	4104358.54	69.15565	(05011917)
671514.69	4104202.49	52.27257	(04040307)	671526.56	4104180.53	53.15312	(04040307)
671538.43	4104158.58	53.71195	(04040307)	671550.30	4104136.62	54.03340	(04040307)
671562.16	4104114.66	54.19324	(04040307)	671574.03	4104092.70	54.27337	(04040307)
671585.90	4104070.75	54.29843	(04040307)	671597.76	4104048.79	54.30602	(04040307)
671609.63	4104026.83	54.30360	(04040307)	671621.50	4104004.88	54.29633	(04040307)
671633.37	4103982.92	54.89206	(05040607)	671645.23	4103960.96	57.08258	(08040207)
671657.10	4103939.00	59.07795	(08040207)	671668.97	4103917.05	60.32521	(08040207)
671680.84	4103895.09	61.05144	(08040207)	671692.70	4103873.13	61.44263	(08040207)
671704.57	4103851.18	61.63776	(08040207)	671716.44	4103829.22	61.73095	(08040207)
671728.31	4103807.26	61.76967	(08040207)	671740.17	4103785.30	61.78532	(08040207)
671752.04	4103763.35	61.78968	(08040207)	671763.91	4103741.39	61.78999	(08040207)
671775.77	4103719.43	61.78781	(08040207)	671787.64	4103697.48	61.78586	(08040207)
671799.51	4103675.52	61.78330	(08040207)	671811.38	4103653.56	61.78126	(08040207)
671823.24	4103631.60	61.77999	(08040207)	671835.11	4103609.65	61.77806	(08040207)
671846.98	4103587.69	61.77619	(08040207)	671858.85	4103565.73	61.77435	(08040207)
671870.71	4103543.77	61.77258	(08040207)	671882.58	4103521.82	61.77123	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671894.45	4103499.86	61.76953	(08040207)	671906.31	4103477.90	61.76828	(08040207)
671918.18	4103455.95	61.76611	(08040207)	671930.05	4103433.99	61.76379	(08040207)
671941.92	4103412.03	61.76220	(08040207)	671953.78	4103390.07	61.76126	(08040207)
671965.65	4103368.12	61.75959	(08040207)	671977.52	4103346.16	61.75829	(08040207)
671989.39	4103324.20	61.75681	(08040207)	672001.25	4103302.25	61.75560	(08040207)
672013.12	4103280.29	61.75418	(08040207)	672024.99	4103258.33	61.75278	(08040207)
672036.85	4103236.37	61.75197	(08040207)	672048.72	4103214.42	61.75136	(08040207)
672060.59	4103192.46	61.75018	(08040207)	672072.46	4103170.50	61.74877	(08040207)
672084.32	4103148.55	61.74741	(08040207)	672096.19	4103126.59	61.74579	(08040207)
672108.06	4103104.63	61.74457	(08040207)	672119.93	4103082.67	61.74361	(08040207)
672131.79	4103060.72	61.74323	(08040207)	672143.66	4103038.76	61.74190	(08040207)
672155.53	4103016.80	61.74093	(08040207)	672167.40	4102994.85	61.73946	(08040207)
672179.26	4102972.89	61.73926	(08040207)	672191.13	4102950.93	61.73905	(08040207)
672203.00	4102928.97	61.73790	(08040207)	672214.86	4102907.02	61.73740	(08040207)
672226.73	4102885.06	61.73564	(08040207)	672238.60	4102863.10	61.73475	(08040207)
672250.47	4102841.14	61.73411	(08040207)	672262.33	4102819.19	61.73110	(08040207)
672274.20	4102797.23	61.72591	(08040207)	672286.07	4102775.27	61.71376	(08040207)
672297.94	4102753.32	61.68876	(08040207)	672309.80	4102731.36	61.63937	(08040207)
672321.67	4102709.40	61.54243	(08040207)	672333.54	4102687.44	61.36272	(08040207)
672345.40	4102665.49	61.04001	(08040207)	672357.27	4102643.53	60.48948	(08040207)
672369.14	4102621.57	59.59322	(08040207)	672381.01	4102599.62	58.21079	(08040207)
672392.87	4102577.66	56.18321	(08040207)	672404.74	4102555.70	53.37259	(08040207)
672416.61	4102533.74	53.17715	(05120716)	672428.48	4102511.79	53.23386	(08022908)
672440.34	4102489.83	53.37943	(08022908)	672452.21	4102467.87	53.52045	(08022908)
672464.08	4102445.92	53.66782	(08022908)	672475.95	4102423.96	53.85982	(08022908)
672487.81	4102402.00	54.10778	(08022908)	672499.68	4102380.04	54.38275	(08022908)
672511.55	4102358.09	54.70557	(08022908)	672523.41	4102336.13	55.02633	(08022908)
672535.28	4102314.17	55.26191	(08022908)	672547.15	4102292.22	55.50740	(08022908)
672559.02	4102270.26	56.40537	(08022908)	672570.88	4102248.30	59.24543	(08022908)
671570.04	4104257.97	48.87160	(04040307)	671552.08	4104273.82	48.16183	(04040307)
671534.12	4104289.67	47.00001	(04040307)	671516.16	4104305.52	45.30624	(04040307)
671498.20	4104321.37	43.03826	(04040307)	671480.24	4104337.22	40.20545	(04040307)
671462.27	4104353.08	40.33434	(07011317)	671444.31	4104368.93	41.39058	(07011317)
671426.35	4104384.78	42.43111	(07011317)	671408.39	4104400.63	43.57269	(07011317)
671390.43	4104416.48	44.70855	(07011317)	671348.52	4104432.78	47.71806	(07011317)
671324.56	4104433.23	49.61940	(07011317)	671300.61	4104433.68	51.18881	(07011317)
671276.66	4104434.13	52.58461	(07011317)	671252.71	4104434.57	53.85177	(07011317)
671228.76	4104435.02	54.86209	(07011317)	671204.80	4104435.47	55.59792	(07011317)
671180.85	4104435.92	55.96220	(07011317)	671156.90	4104436.36	56.86411	(05011917)
671132.95	4104436.81	62.26992	(05011917)	671109.00	4104437.26	67.77525	(05011917)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671588.00	4104242.11	49.23025	(04040307)	671599.87	4104220.16	49.67869	(04040307)
671611.74	4104198.20	49.95602	(04040307)	671623.61	4104176.24	50.10873	(04040307)
671635.47	4104154.28	50.19003	(04040307)	671647.34	4104132.33	50.22823	(04040307)
671659.21	4104110.37	50.24592	(04040307)	671671.08	4104088.41	50.25437	(04040307)
671682.94	4104066.46	50.25438	(04040307)	671694.81	4104044.50	50.25590	(04040307)
671706.68	4104022.54	50.58742	(05040607)	671718.54	4104000.58	52.07867	(08040207)
671730.41	4103978.63	54.07023	(08040207)	671742.28	4103956.67	55.41531	(08040207)
671754.15	4103934.71	56.26642	(08040207)	671766.01	4103912.76	56.77615	(08040207)
671777.88	4103890.80	57.05946	(08040207)	671789.75	4103868.84	57.21078	(08040207)
671801.62	4103846.88	57.29043	(08040207)	671813.48	4103824.93	57.32935	(08040207)
671825.35	4103802.97	57.34842	(08040207)	671837.22	4103781.01	57.35908	(08040207)
671849.09	4103759.06	57.36642	(08040207)	671860.95	4103737.10	57.37135	(08040207)
671872.82	4103715.14	57.37629	(08040207)	671884.69	4103693.18	57.38119	(08040207)
671896.55	4103671.23	57.38610	(08040207)	671908.42	4103649.27	57.39009	(08040207)
671920.29	4103627.31	57.39428	(08040207)	671932.16	4103605.35	57.39895	(08040207)
671944.02	4103583.40	57.40388	(08040207)	671955.89	4103561.44	57.40857	(08040207)
671967.76	4103539.48	57.41329	(08040207)	671979.63	4103517.53	57.41762	(08040207)
671991.49	4103495.57	57.42211	(08040207)	672003.36	4103473.61	57.42665	(08040207)
672015.23	4103451.65	57.43122	(08040207)	672027.09	4103429.70	57.43617	(08040207)
672038.96	4103407.74	57.44149	(08040207)	672050.83	4103385.78	57.44623	(08040207)
672062.70	4103363.83	57.45076	(08040207)	672074.56	4103341.87	57.45594	(08040207)
672086.43	4103319.91	57.46073	(08040207)	672098.30	4103297.95	57.46552	(08040207)
672110.17	4103276.00	57.47010	(08040207)	672122.03	4103254.04	57.47452	(08040207)
672133.90	4103232.08	57.47928	(08040207)	672145.77	4103210.13	57.48456	(08040207)
672157.64	4103188.17	57.48953	(08040207)	672169.50	4103166.21	57.49492	(08040207)
672181.37	4103144.25	57.49991	(08040207)	672193.24	4103122.30	57.50499	(08040207)
672205.10	4103100.34	57.50972	(08040207)	672216.97	4103078.38	57.51460	(08040207)
672228.84	4103056.43	57.51969	(08040207)	672240.71	4103034.47	57.52498	(08040207)
672252.57	4103012.51	57.53083	(08040207)	672264.44	4102990.55	57.53501	(08040207)
672276.31	4102968.60	57.53956	(08040207)	672288.18	4102946.64	57.54516	(08040207)
672300.04	4102924.68	57.55056	(08040207)	672311.91	4102902.72	57.55440	(08040207)
672323.78	4102880.77	57.55643	(08040207)	672335.64	4102858.81	57.55655	(08040207)
672347.51	4102836.85	57.55059	(08040207)	672359.38	4102814.90	57.53223	(08040207)
672371.25	4102792.94	57.49199	(08040207)	672383.11	4102770.98	57.41414	(08040207)
672394.98	4102749.02	57.26793	(08040207)	672406.85	4102727.07	57.01211	(08040207)
672418.72	4102705.11	56.58357	(08040207)	672430.58	4102683.15	55.89895	(08040207)
672442.45	4102661.20	54.85599	(08040207)	672454.32	4102639.24	53.33863	(08040207)
672466.18	4102617.28	52.25790	(08022908)	672478.05	4102595.32	52.42882	(08022908)
672489.92	4102573.37	52.58930	(08022908)	672501.79	4102551.41	52.76719	(08022908)
672513.65	4102529.45	52.93822	(08022908)	672525.52	4102507.50	53.09960	(08022908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672537.39	4102485.54	53.26992	(08022908)	672549.26	4102463.58	53.43870	(08022908)
672561.12	4102441.62	53.63085	(08022908)	672572.99	4102419.67	54.02462	(08022908)
672584.86	4102397.71	54.62270	(08022908)	672596.73	4102375.75	55.25728	(08022908)
672608.59	4102353.79	56.18365	(08022908)	672620.46	4102331.84	57.60178	(08022908)
672632.33	4102309.88	61.00114	(08022908)	672644.19	4102287.92	69.56346	(08022908)
671642.84	4104298.04	46.26988	(04040307)	671624.37	4104314.35	45.97269	(04040307)
671605.89	4104330.65	45.38229	(04040307)	671587.42	4104346.96	44.41273	(04040307)
671568.94	4104363.26	43.00608	(04040307)	671550.47	4104379.56	41.11290	(04040307)
671531.99	4104395.87	38.71804	(04040307)	671513.52	4104412.17	35.85140	(04040307)
671495.04	4104428.48	36.06260	(07011317)	671476.57	4104444.78	37.11919	(07011317)
671458.09	4104461.09	38.20373	(07011317)	671439.62	4104477.39	39.24974	(07011317)
671421.15	4104493.70	40.26088	(07011317)	671378.03	4104510.46	43.00519	(07011317)
671353.40	4104510.92	44.79109	(07011317)	671328.76	4104511.38	46.51078	(07011317)
671304.13	4104511.84	48.22532	(07011317)	671279.49	4104512.30	50.05256	(07011317)
671254.85	4104512.77	51.28351	(07011317)	671230.22	4104513.23	51.99413	(07011317)
671205.58	4104513.69	52.74954	(07011317)	671180.94	4104514.15	53.01649	(07011317)
671156.31	4104514.61	52.72444	(07011317)	671131.67	4104515.07	56.00795	(05011917)
671107.04	4104515.53	61.09893	(05011917)	671082.40	4104515.99	66.26091	(05011917)
671661.32	4104281.74	46.34925	(04040307)	671673.18	4104259.78	46.58926	(04040307)
671685.05	4104237.82	46.73188	(04040307)	671696.92	4104215.86	46.81297	(04040307)
671708.78	4104193.91	46.85864	(04040307)	671720.65	4104171.95	46.88447	(04040307)
671732.52	4104149.99	46.89758	(04040307)	671744.39	4104128.04	46.90284	(04040307)
671756.25	4104106.08	46.91276	(04040307)	671768.12	4104084.12	46.92058	(04040307)
671779.99	4104062.16	47.03999	(05040607)	671791.86	4104040.21	48.03140	(05040607)
671803.72	4104018.25	49.88978	(08040207)	671815.59	4103996.29	51.27805	(08040207)
671827.46	4103974.34	52.21248	(08040207)	671839.32	4103952.38	52.81322	(08040207)
671851.19	4103930.42	53.18034	(08040207)	671863.06	4103908.46	53.39295	(08040207)
671874.93	4103886.51	53.51340	(08040207)	671886.79	4103864.55	53.58110	(08040207)
671898.66	4103842.59	53.61920	(08040207)	671910.53	4103820.64	53.64125	(08040207)
671922.40	4103798.68	53.65536	(08040207)	671934.26	4103776.72	53.66926	(08040207)
671946.13	4103754.76	53.67736	(08040207)	671958.00	4103732.81	53.68700	(08040207)
671969.87	4103710.85	53.69629	(08040207)	671981.73	4103688.89	53.70555	(08040207)
671993.60	4103666.93	53.71520	(08040207)	672005.47	4103644.98	53.72392	(08040207)
672017.33	4103623.02	53.73316	(08040207)	672029.20	4103601.06	53.74211	(08040207)
672041.07	4103579.11	53.75116	(08040207)	672052.94	4103557.15	53.76016	(08040207)
672064.80	4103535.19	53.76952	(08040207)	672076.67	4103513.23	53.77855	(08040207)
672088.54	4103491.28	53.78740	(08040207)	672100.41	4103469.32	53.79681	(08040207)
672112.27	4103447.36	53.80631	(08040207)	672124.14	4103425.41	53.81527	(08040207)
672136.01	4103403.45	53.82443	(08040207)	672147.87	4103381.49	53.83394	(08040207)
672159.74	4103359.53	53.84311	(08040207)	672171.61	4103337.58	53.85208	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672183.48	4103315.62	53.86126	(08040207)	672195.34	4103293.66	53.87084	(08040207)
672207.21	4103271.71	53.87926	(08040207)	672219.08	4103249.75	53.88852	(08040207)
672230.95	4103227.79	53.89844	(08040207)	672242.81	4103205.83	53.90786	(08040207)
672254.68	4103183.88	53.91669	(08040207)	672266.55	4103161.92	53.92540	(08040207)
672278.42	4103139.96	53.93479	(08040207)	672290.28	4103118.00	53.94458	(08040207)
672302.15	4103096.05	53.95465	(08040207)	672314.02	4103074.09	53.96363	(08040207)
672325.88	4103052.13	53.97260	(08040207)	672337.75	4103030.18	53.98074	(08040207)
672349.62	4103008.22	53.99046	(08040207)	672361.49	4102986.26	54.00009	(08040207)
672373.35	4102964.30	54.00804	(08040207)	672385.22	4102942.35	54.01431	(08040207)
672397.09	4102920.39	54.01825	(08040207)	672408.96	4102898.43	54.01567	(08040207)
672420.82	4102876.48	54.00342	(08040207)	672432.69	4102854.52	53.97135	(08040207)
672444.56	4102832.56	53.90802	(08040207)	672456.42	4102810.60	53.78987	(08040207)
672468.29	4102788.65	53.58518	(08040207)	672480.16	4102766.69	53.24835	(08040207)
672492.03	4102744.73	52.71640	(08040207)	672503.89	4102722.78	51.91568	(08040207)
672515.76	4102700.82	51.21072	(08022908)	672527.63	4102678.86	51.42550	(08022908)
672539.50	4102656.90	51.64548	(08022908)	672551.36	4102634.95	51.83793	(08022908)
672563.23	4102612.99	52.03573	(08022908)	672575.10	4102591.03	52.23442	(08022908)
672586.97	4102569.08	52.45365	(08022908)	672598.83	4102547.12	52.66670	(08022908)
672610.70	4102525.16	52.87623	(08022908)	672622.57	4102503.20	53.09347	(08022908)
672634.43	4102481.25	53.31093	(08022908)	672646.30	4102459.29	53.64191	(08022908)
672658.17	4102437.33	54.11399	(08022908)	672670.04	4102415.37	54.74963	(08022908)
672681.90	4102393.42	55.45388	(08022908)	672693.77	4102371.46	56.41245	(08022908)
672705.64	4102349.50	58.10076	(08022908)	672717.51	4102327.55	63.38970	(08022908)
671862.77	4104416.91	39.53030	(04040307)	671844.30	4104433.21	39.62082	(04040307)
671825.82	4104449.52	39.65468	(04040307)	671807.35	4104465.82	39.60178	(04040307)
671788.88	4104482.13	39.43392	(04040307)	671770.40	4104498.43	39.11744	(04040307)
671751.93	4104514.74	38.61239	(04040307)	671733.45	4104531.04	37.87416	(04040307)
671714.98	4104547.35	36.87087	(04040307)	671696.50	4104563.65	35.57524	(04040307)
671678.03	4104579.96	33.98210	(04040307)	671659.55	4104596.26	32.09447	(04040307)
671641.08	4104612.57	29.93066	(04040307)	671622.60	4104628.87	28.87099	(05012708)
671604.13	4104645.18	29.06380	(05012708)	671585.65	4104661.48	29.23933	(05012708)
671567.18	4104677.79	29.35254	(05012708)	671548.71	4104694.09	29.39920	(05012708)
671530.23	4104710.40	29.52414	(07011317)	671511.76	4104726.70	30.51079	(07011317)
671468.65	4104743.47	33.02388	(07011317)	671444.01	4104743.93	34.53631	(07011317)
671419.37	4104744.39	36.02284	(07011317)	671394.74	4104744.85	37.48216	(07011317)
671370.10	4104745.31	38.87896	(07011317)	671345.46	4104745.77	40.19832	(07011317)
671320.83	4104746.23	41.40839	(07011317)	671296.19	4104746.69	42.47269	(07011317)
671271.55	4104747.15	43.41349	(07011317)	671246.92	4104747.61	44.14957	(07011317)
671222.28	4104748.07	44.64320	(07011317)	671197.65	4104748.53	44.87051	(07011317)
671173.01	4104748.99	44.78884	(07011317)	671148.37	4104749.45	44.36365	(07011317)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671123.74	4104749.91	44.44730	(05012417)	671099.10	4104750.37	47.46382	(05012417)
671074.46	4104750.83	50.31474	(05012417)	671049.83	4104751.29	53.43029	(05011917)
671025.19	4104751.75	57.36597	(05011917)	671000.56	4104752.21	61.13722	(05011917)
671881.25	4104400.60	39.40425	(04040307)	671893.12	4104378.65	39.45578	(04040307)
671904.98	4104356.69	39.48883	(04040307)	671916.85	4104334.73	39.51091	(04040307)
671928.72	4104312.78	39.52761	(04040307)	671940.58	4104290.82	39.54393	(04040307)
671952.45	4104268.86	39.55793	(04040307)	671964.32	4104246.90	39.57045	(04040307)
671976.19	4104224.95	39.58436	(04040307)	671988.05	4104202.99	39.59995	(04040307)
671999.92	4104181.03	39.61398	(04040307)	672011.79	4104159.07	40.13103	(05040607)
672023.66	4104137.12	40.71557	(05040607)	672035.52	4104115.16	42.03264	(08040207)
672047.39	4104093.20	43.05910	(08040207)	672059.26	4104071.25	43.81545	(08040207)
672071.12	4104049.29	44.35178	(08040207)	672082.99	4104027.33	44.72182	(08040207)
672094.86	4104005.37	44.96783	(08040207)	672106.73	4103983.42	45.12768	(08040207)
672118.59	4103961.46	45.23178	(08040207)	672130.46	4103939.50	45.30267	(08040207)
672142.33	4103917.55	45.34656	(08040207)	672154.20	4103895.59	45.38023	(08040207)
672166.06	4103873.63	45.40509	(08040207)	672177.93	4103851.67	45.42507	(08040207)
672189.80	4103829.72	45.44524	(08040207)	672201.67	4103807.76	45.46197	(08040207)
672213.53	4103785.80	45.47853	(08040207)	672225.40	4103763.85	45.49470	(08040207)
672237.27	4103741.89	45.51060	(08040207)	672249.13	4103719.93	45.52748	(08040207)
672261.00	4103697.97	45.54429	(08040207)	672272.87	4103676.02	45.56058	(08040207)
672284.74	4103654.06	45.57676	(08040207)	672296.60	4103632.10	45.59318	(08040207)
672308.47	4103610.15	45.60921	(08040207)	672320.34	4103588.19	45.62539	(08040207)
672332.21	4103566.23	45.64190	(08040207)	672344.07	4103544.27	45.65874	(08040207)
672355.94	4103522.32	45.67520	(08040207)	672367.81	4103500.36	45.69158	(08040207)
672379.67	4103478.40	45.70816	(08040207)	672391.54	4103456.44	45.72443	(08040207)
672403.41	4103434.49	45.74054	(08040207)	672415.28	4103412.53	45.75686	(08040207)
672427.14	4103390.57	45.77342	(08040207)	672439.01	4103368.62	45.78937	(08040207)
672450.88	4103346.66	45.80570	(08040207)	672462.75	4103324.70	45.82194	(08040207)
672474.61	4103302.74	45.83854	(08040207)	672486.48	4103280.79	45.85465	(08040207)
672498.35	4103258.83	45.86963	(08040207)	672510.22	4103236.87	45.88558	(08040207)
672522.08	4103214.92	45.90229	(08040207)	672533.95	4103192.96	45.91838	(08040207)
672545.82	4103171.00	45.93433	(08040207)	672557.68	4103149.04	45.94859	(08040207)
672569.55	4103127.09	45.96200	(08040207)	672581.42	4103105.13	45.97238	(08040207)
672593.29	4103083.17	45.97788	(08040207)	672605.15	4103061.22	45.97763	(08040207)
672617.02	4103039.26	45.96325	(08040207)	672628.89	4103017.30	45.93037	(08040207)
672640.76	4102995.34	45.86881	(08040207)	672652.62	4102973.39	45.76087	(08040207)
672664.49	4102951.43	45.58796	(08040207)	672676.36	4102929.47	45.32288	(08040207)
672688.22	4102907.52	44.92943	(08040207)	672700.09	4102885.56	44.37156	(08040207)
672711.96	4102863.60	43.60197	(08040207)	672723.83	4102841.64	44.39586	(08022908)
672735.69	4102819.69	45.28409	(08022908)	672747.56	4102797.73	46.08364	(08022908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672759.43	4102775.77	46.83352	(08022908)	672771.30	4102753.81	47.51571	(08022908)
672783.16	4102731.86	48.11719	(08022908)	672795.03	4102709.90	48.66890	(08022908)
672806.90	4102687.94	49.42862	(08022908)	672818.77	4102665.99	50.33396	(08022908)
672830.63	4102644.03	50.98699	(08022908)	672842.50	4102622.07	51.44357	(08022908)
672854.37	4102600.11	51.85580	(08022908)	672866.23	4102578.16	52.23734	(08022908)
672878.10	4102556.20	52.65218	(08022908)	672889.97	4102534.24	53.14945	(08022908)
672901.84	4102512.29	53.63921	(08022908)	672913.70	4102490.33	54.17010	(08022908)
672925.57	4102468.37	54.73964	(08022908)	672937.44	4102446.41	55.48936	(08022908)
672082.71	4104535.78	34.65470	(04040307)	672064.23	4104552.08	34.76437	(04040307)
672045.76	4104568.39	34.86038	(04040307)	672027.28	4104584.69	34.94679	(04040307)
672008.81	4104601.00	34.99511	(04040307)	671990.33	4104617.30	35.01655	(04040307)
671971.86	4104633.61	34.98045	(04040307)	671953.38	4104649.91	34.88933	(04040307)
671934.91	4104666.22	34.70061	(04040307)	671916.43	4104682.52	34.40131	(04040307)
671897.96	4104698.82	33.97752	(04040307)	671879.49	4104715.13	33.39522	(04040307)
671861.01	4104731.43	32.63819	(04040307)	671842.54	4104747.74	31.69434	(04040307)
671824.06	4104764.04	30.54637	(04040307)	671805.59	4104780.35	29.20346	(04040307)
671787.11	4104796.65	27.66830	(04040307)	671768.64	4104812.96	25.96059	(04040307)
671750.16	4104829.26	25.46111	(05012708)	671731.69	4104845.57	25.69639	(05012708)
671713.21	4104861.87	25.91355	(05012708)	671694.74	4104878.18	26.10326	(05012708)
671676.26	4104894.48	26.28318	(05012708)	671657.79	4104910.79	26.44873	(05012708)
671639.32	4104927.09	26.54619	(05012708)	671620.84	4104943.40	26.56206	(05012708)
671602.37	4104959.70	26.50820	(05012708)	671559.26	4104976.47	26.45911	(05012708)
671534.62	4104976.93	27.27143	(06011704)	671509.98	4104977.39	28.58044	(07011317)
671485.35	4104977.85	30.01932	(07011317)	671460.71	4104978.31	31.41529	(07011317)
671436.07	4104978.77	32.76459	(07011317)	671411.44	4104979.23	34.06572	(07011317)
671386.80	4104979.69	35.29104	(07011317)	671362.17	4104980.15	36.41070	(07011317)
671337.53	4104980.61	37.40808	(07011317)	671312.89	4104981.07	38.26060	(07011317)
671288.26	4104981.53	38.95484	(07011317)	671263.62	4104981.99	39.47222	(07011317)
671238.98	4104982.45	39.81155	(07011317)	671214.35	4104982.91	39.97273	(07011317)
671189.71	4104983.37	39.87945	(07011317)	671165.08	4104983.83	39.57698	(07011317)
671140.44	4104984.29	39.05114	(07011317)	671115.80	4104984.75	38.28952	(07011317)
671091.17	4104985.21	38.73618	(05012417)	671066.53	4104985.67	41.31295	(05012417)
671041.89	4104986.13	43.70845	(05012417)	671017.26	4104986.59	45.90893	(05012417)
670992.62	4104987.05	48.10091	(05011917)	670967.99	4104987.51	51.86676	(05011917)
670943.35	4104987.97	55.83764	(05011917)	670918.71	4104988.43	60.31574	(05011917)
672101.18	4104519.47	34.53828	(04040307)	672113.05	4104497.51	34.56264	(04040307)
672124.92	4104475.56	34.58517	(04040307)	672136.78	4104453.60	34.59725	(04040307)
672148.65	4104431.64	34.61791	(04040307)	672160.52	4104409.69	34.63607	(04040307)
672172.38	4104387.73	34.64487	(04040307)	672184.25	4104365.77	34.66524	(04040307)
672196.12	4104343.81	34.67555	(04040307)	672207.99	4104321.86	34.69177	(04040307)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672219.85	4104299.90	34.70932	(04040307)	672231.72	4104277.94	34.86277	(05040607)
672243.59	4104255.99	35.36692	(05040607)	672255.46	4104234.03	35.78906	(08040207)
672267.32	4104212.07	36.78346	(08040207)	672279.19	4104190.11	37.57168	(08040207)
672291.06	4104168.16	38.18452	(08040207)	672302.92	4104146.20	38.63872	(08040207)
672314.79	4104124.24	38.97468	(08040207)	672326.66	4104102.29	39.22064	(08040207)
672338.53	4104080.33	39.39282	(08040207)	672350.39	4104058.37	39.51455	(08040207)
672362.26	4104036.41	39.60032	(08040207)	672374.13	4104014.46	39.66391	(08040207)
672386.00	4103992.50	39.70783	(08040207)	672397.86	4103970.54	39.74378	(08040207)
672409.73	4103948.59	39.77399	(08040207)	672421.60	4103926.63	39.79644	(08040207)
672433.47	4103904.67	39.81927	(08040207)	672445.33	4103882.71	39.84131	(08040207)
672457.20	4103860.76	39.86078	(08040207)	672469.07	4103838.80	39.88007	(08040207)
672480.93	4103816.84	39.89948	(08040207)	672492.80	4103794.88	39.91869	(08040207)
672504.67	4103772.93	39.93778	(08040207)	672516.54	4103750.97	39.95695	(08040207)
672528.40	4103729.01	39.97623	(08040207)	672540.27	4103707.06	39.99524	(08040207)
672552.14	4103685.10	40.01432	(08040207)	672564.01	4103663.14	40.03284	(08040207)
672575.87	4103641.18	40.05208	(08040207)	672587.74	4103619.23	40.07106	(08040207)
672599.61	4103597.27	40.09026	(08040207)	672611.47	4103575.31	40.10964	(08040207)
672623.34	4103553.36	40.12903	(08040207)	672635.21	4103531.40	40.14828	(08040207)
672647.08	4103509.44	40.16764	(08040207)	672658.94	4103487.48	40.18713	(08040207)
672670.81	4103465.53	40.20627	(08040207)	672682.68	4103443.57	40.22546	(08040207)
672694.55	4103421.61	40.24429	(08040207)	672706.41	4103399.66	40.26401	(08040207)
672718.28	4103377.70	40.28341	(08040207)	672730.15	4103355.74	40.30277	(08040207)
672742.02	4103333.78	40.32023	(08040207)	672753.88	4103311.83	40.33664	(08040207)
672765.75	4103289.87	40.34994	(08040207)	672777.62	4103267.91	40.36073	(08040207)
672789.48	4103245.96	40.36663	(08040207)	672801.35	4103224.00	40.36358	(08040207)
672813.22	4103202.04	40.34959	(08040207)	672825.09	4103180.08	40.31866	(08040207)
672836.95	4103158.13	40.26244	(08040207)	672848.82	4103136.17	40.16996	(08040207)
672860.69	4103114.21	40.02792	(08040207)	672872.56	4103092.25	39.81972	(08040207)
672884.42	4103070.30	39.52594	(08040207)	672896.29	4103048.34	39.12017	(08040207)
672908.16	4103026.38	38.58105	(08040207)	672920.02	4103004.43	37.88007	(08040207)
672931.89	4102982.47	36.99626	(08040207)	672943.76	4102960.51	35.90461	(08040207)
672955.63	4102938.55	34.58622	(08040207)	672967.49	4102916.60	34.31240	(05120716)
672979.36	4102894.64	34.36013	(05120716)	672991.23	4102872.68	34.40727	(05120716)
673003.10	4102850.73	35.20265	(08022908)	673014.96	4102828.77	36.70669	(08022908)
673026.83	4102806.81	38.16835	(08022908)	673038.70	4102784.85	39.56653	(08022908)
673050.57	4102762.90	40.89399	(08022908)	673062.43	4102740.94	42.15619	(08022908)
673074.30	4102718.98	43.31852	(08022908)	673086.17	4102697.03	44.36698	(08022908)
673098.03	4102675.07	45.39000	(08022908)	673109.90	4102653.11	46.35982	(08022908)
673121.77	4102631.15	47.27938	(08022908)	673133.64	4102609.20	48.12348	(08022908)
673145.50	4102587.24	48.87953	(08022908)	673157.37	4102565.28	49.51393	(08022908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672522.57	4104773.51	33.28474	(06020109)	672504.10	4104789.82	33.22737	(06020109)
672485.62	4104806.12	33.15168	(06020109)	672467.15	4104822.43	33.05734	(06020109)
672448.67	4104838.73	32.94123	(06020109)	672430.20	4104855.04	32.78129	(06020109)
672411.72	4104871.34	32.57315	(06020109)	672393.25	4104887.65	32.29297	(06020109)
672374.77	4104903.95	31.93167	(06020109)	672356.30	4104920.26	31.46534	(06020109)
672337.83	4104936.56	30.87281	(06020109)	672319.35	4104952.87	30.13929	(06020109)
672300.88	4104969.17	29.24100	(06020109)	672282.40	4104985.48	28.90835	(04040307)
672263.93	4105001.78	28.83342	(04040307)	672245.45	4105018.08	28.71273	(04040307)
672226.98	4105034.39	28.53815	(04040307)	672208.50	4105050.69	28.29890	(04040307)
672190.03	4105067.00	27.99306	(04040307)	672171.55	4105083.30	27.60442	(04040307)
672153.08	4105099.61	27.12591	(04040307)	672134.60	4105115.91	26.54893	(04040307)
672116.13	4105132.22	25.86756	(04040307)	672097.66	4105148.52	25.08914	(04040307)
672079.18	4105164.83	24.20329	(04040307)	672060.71	4105181.13	23.21317	(04040307)
672042.23	4105197.44	22.12741	(04040307)	672023.76	4105213.74	21.04985	(04111508)
672005.28	4105230.05	20.53337	(04111508)	671986.81	4105246.35	20.27982	(07022408)
671968.33	4105262.66	20.45532	(04012408)	671949.86	4105278.96	20.60534	(04012408)
671931.38	4105295.27	20.73671	(04012408)	671912.91	4105311.57	20.92494	(05012708)
671894.43	4105327.88	21.17926	(05012708)	671875.96	4105344.18	21.40205	(05012708)
671857.49	4105360.49	21.59556	(05012708)	671839.01	4105376.79	21.76365	(05012708)
671820.54	4105393.10	21.90565	(05012708)	671802.06	4105409.40	22.02305	(05012708)
671783.59	4105425.70	22.30135	(05012708)	671740.48	4105442.47	22.87658	(05012708)
671715.84	4105442.93	23.17437	(05012708)	671691.20	4105443.39	23.28421	(05012708)
671666.57	4105443.85	23.16471	(05012708)	671641.93	4105444.31	22.80288	(04022219)
671617.30	4105444.77	22.59311	(04022219)	671592.66	4105445.23	22.90054	(06011704)
671568.02	4105445.69	23.20370	(06011704)	671543.39	4105446.15	23.45885	(06011704)
671518.75	4105446.61	23.67768	(07011317)	671494.11	4105447.07	24.69924	(07011317)
671469.48	4105447.53	25.68694	(07011317)	671444.84	4105447.99	26.65035	(07011317)
671420.20	4105448.45	27.66585	(07011317)	671395.57	4105448.91	28.84458	(07011317)
671370.93	4105449.37	30.06991	(07011317)	671346.30	4105449.83	31.13552	(07011317)
671321.66	4105450.30	32.12139	(07011317)	671297.02	4105450.76	32.98651	(07011317)
671272.39	4105451.22	33.63055	(07011317)	671247.75	4105451.68	34.01420	(07011317)
671223.11	4105452.14	34.22055	(07011317)	671198.48	4105452.60	34.02585	(07011317)
671173.84	4105453.06	33.22071	(07011317)	671149.21	4105453.52	32.69716	(07011317)
671124.57	4105453.98	32.11987	(07011317)	671099.93	4105454.44	31.41201	(07011317)
671075.30	4105454.90	30.60154	(07011317)	671050.66	4105455.36	29.67130	(07011317)
671026.02	4105455.82	30.55241	(05012417)	671001.39	4105456.28	32.52532	(05012417)
670976.75	4105456.74	34.38190	(05012417)	670952.12	4105457.20	36.06603	(05012417)
670927.48	4105457.66	37.54193	(05012417)	670902.84	4105458.12	38.73270	(05012417)
670878.21	4105458.58	39.61837	(05012417)	670853.57	4105459.04	41.14284	(05011917)
670828.93	4105459.50	43.33371	(05011917)	670804.30	4105459.96	45.34471	(05011917)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670779.66	4105460.42	47.04595	(05011917)	670755.03	4105460.88	48.76257	(05011917)
672541.05	4104757.21	33.33763	(06020109)	672552.91	4104735.25	33.38123	(06020109)
672564.78	4104713.29	33.42244	(06020109)	672576.65	4104691.34	33.46102	(06020109)
672588.52	4104669.38	33.49633	(06020109)	672600.38	4104647.42	33.53382	(06020109)
672612.25	4104625.47	33.56938	(06020109)	672624.12	4104603.51	33.60541	(06020109)
672635.98	4104581.55	33.64057	(06020109)	672647.85	4104559.59	33.67575	(06020109)
672659.72	4104537.64	33.71093	(06020109)	672671.59	4104515.68	33.74606	(06020109)
672683.45	4104493.72	33.78128	(06020109)	672695.32	4104471.76	33.81723	(06020109)
672707.19	4104449.81	33.85214	(06020109)	672719.06	4104427.85	33.88839	(06020109)
672730.92	4104405.89	33.92591	(06020109)	672742.79	4104383.94	33.95581	(06020109)
672754.66	4104361.98	33.99021	(06020109)	672766.52	4104340.02	34.02470	(06020109)
672778.39	4104318.06	34.05438	(06020109)	672790.26	4104296.11	34.08778	(06020109)
672802.13	4104274.15	34.11642	(06020109)	672813.99	4104252.19	34.14526	(06020109)
672825.86	4104230.24	34.16865	(06020109)	672837.73	4104208.28	34.18864	(06020109)
672849.60	4104186.32	34.20041	(06020109)	672861.46	4104164.36	34.20665	(06020109)
672873.33	4104142.41	34.20387	(06020109)	672885.20	4104120.45	34.18232	(06020109)
672897.07	4104098.49	34.14455	(06020109)	672908.93	4104076.54	34.08185	(06020109)
672920.80	4104054.58	33.99318	(06020109)	672932.67	4104032.62	33.86368	(06020109)
672944.53	4104010.66	33.69284	(06020109)	672956.40	4103988.71	33.46827	(06020109)
672968.27	4103966.75	33.17353	(06020109)	672980.14	4103944.79	32.80717	(06020109)
672992.00	4103922.83	32.64910	(08040207)	673003.87	4103900.88	32.66936	(08040207)
673015.74	4103878.92	32.69010	(08040207)	673027.61	4103856.96	32.71119	(08040207)
673039.47	4103835.01	32.73228	(08040207)	673051.34	4103813.05	32.75314	(08040207)
673063.21	4103791.09	32.77427	(08040207)	673075.07	4103769.13	32.79410	(08040207)
673086.94	4103747.18	32.81442	(08040207)	673098.81	4103725.22	32.83346	(08040207)
673110.68	4103703.26	32.85111	(08040207)	673122.54	4103681.31	32.87055	(08040207)
673134.41	4103659.35	32.88762	(08040207)	673146.28	4103637.39	32.90313	(08040207)
673158.15	4103615.43	32.91625	(08040207)	673170.01	4103593.48	32.92555	(08040207)
673181.88	4103571.52	32.93004	(08040207)	673193.75	4103549.56	32.92818	(08040207)
673205.62	4103527.61	32.91537	(08040207)	673217.48	4103505.65	32.89210	(08040207)
673229.35	4103483.69	32.85019	(08040207)	673241.22	4103461.73	32.78745	(08040207)
673253.08	4103439.78	32.71366	(08040207)	673264.95	4103417.82	32.59103	(08040207)
673276.82	4103395.86	32.42101	(08040207)	673288.69	4103373.91	32.19511	(08040207)
673300.55	4103351.95	31.90116	(08040207)	673312.42	4103329.99	31.52910	(08040207)
673324.29	4103308.03	31.06727	(08040207)	673336.16	4103286.08	30.50622	(08040207)
673348.02	4103264.12	29.83525	(08040207)	673359.89	4103242.16	29.04402	(08040207)
673371.76	4103220.20	28.13159	(08040207)	673383.62	4103198.25	27.25745	(07030308)
673395.49	4103176.29	27.29521	(07030308)	673407.36	4103154.33	27.30980	(07030308)
673419.23	4103132.38	27.24830	(07030308)	673431.09	4103110.42	27.30170	(05120716)
673442.96	4103088.46	27.44326	(05120716)	673454.83	4103066.50	27.58736	(05120716)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673466.70	4103044.55	27.76704	(05120716)	673478.56	4103022.59	27.94206	(05120716)
673490.43	4103000.63	28.07911	(05120716)	673502.30	4102978.68	28.24495	(05120716)
673514.17	4102956.72	28.52286	(05120716)	673526.03	4102934.76	28.90986	(05120716)
673537.90	4102912.80	29.27818	(05120716)	673549.77	4102890.85	29.74907	(05120716)
673561.63	4102868.89	30.14208	(05120716)	673573.50	4102846.93	30.64365	(05120716)
673585.37	4102824.98	31.15877	(05120716)	673597.24	4102803.02	31.29274	(05120716)
672962.44	4105011.25	33.58888	(06020109)	672943.96	4105027.55	33.55532	(06020109)
672925.49	4105043.86	33.50959	(06020109)	672907.01	4105060.16	33.46314	(06020109)
672888.54	4105076.47	33.41208	(06020109)	672870.06	4105092.77	33.35504	(06020109)
672851.59	4105109.08	33.29047	(06020109)	672833.11	4105125.38	33.21115	(06020109)
672814.64	4105141.69	33.11714	(06020109)	672796.17	4105157.99	32.99724	(06020109)
672777.69	4105174.30	32.85015	(06020109)	672759.22	4105190.60	32.65991	(06020109)
672740.74	4105206.91	32.42931	(06020109)	672722.27	4105223.21	32.13350	(06020109)
672703.79	4105239.52	31.76757	(06020109)	672685.32	4105255.82	31.35616	(06020109)
672666.84	4105272.13	30.90857	(06020109)	672648.37	4105288.43	30.39333	(06020109)
672629.89	4105304.74	29.70369	(06020109)	672611.42	4105321.04	28.86864	(06020109)
672592.94	4105337.34	27.92037	(06020109)	672574.47	4105353.65	26.86247	(06020109)
672556.00	4105369.95	25.71160	(06020109)	672537.52	4105386.26	25.40257	(04040307)
672519.05	4105402.56	25.52507	(04040307)	672500.57	4105418.87	25.73321	(04040307)
672482.10	4105435.17	26.09429	(04040307)	672463.62	4105451.48	26.56226	(04040307)
672445.15	4105467.78	26.59706	(04040307)	672426.67	4105484.09	26.45760	(04040307)
672408.20	4105500.39	26.06748	(04040307)	672389.72	4105516.70	25.27360	(04040307)
672371.25	4105533.00	24.68172	(04040307)	672352.77	4105549.31	24.12996	(04040307)
672334.30	4105565.61	23.63548	(04040307)	672315.83	4105581.92	23.03261	(04040307)
672297.35	4105598.22	22.62541	(04111508)	672278.88	4105614.53	22.33645	(04111508)
672260.40	4105630.83	21.94433	(04111508)	672241.93	4105647.14	21.50175	(04111508)
672223.45	4105663.44	20.81974	(07022408)	672204.98	4105679.75	19.64184	(07022408)
672186.50	4105696.05	18.97896	(07022408)	672168.03	4105712.36	18.51201	(07022408)
672149.55	4105728.66	18.34214	(04012408)	672131.08	4105744.96	18.35147	(04012408)
672112.61	4105761.27	18.39492	(04012408)	672094.13	4105777.57	18.44772	(04012408)
672075.66	4105793.88	18.56877	(04012408)	672057.18	4105810.18	18.67004	(04012408)
672038.71	4105826.49	18.76414	(04012408)	672020.23	4105842.79	18.88558	(05012708)
672001.76	4105859.10	19.18097	(05012708)	671983.28	4105875.40	19.44961	(05012708)
671964.81	4105891.71	19.66214	(05012708)	671921.70	4105908.47	19.79205	(05012708)
671897.06	4105908.93	19.71668	(05012708)	671872.42	4105909.39	19.70004	(05012708)
671847.79	4105909.85	19.67126	(05012708)	671823.15	4105910.31	19.61506	(05012708)
671798.52	4105910.77	19.50969	(05012708)	671773.88	4105911.23	19.38153	(05012708)
671749.24	4105911.70	19.21049	(05012708)	671724.61	4105912.16	19.15232	(04021418)
671699.97	4105912.62	19.34358	(04021418)	671675.33	4105913.08	19.60741	(04021418)
671650.70	4105913.54	19.94362	(04021418)	671626.06	4105914.00	20.47257	(06010618)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671601.43	4105914.46	21.37938	(06010618)	671576.79	4105914.92	22.17699	(06010618)
671552.15	4105915.38	22.81520	(05010203)	671527.52	4105915.84	22.56811	(05010203)
671502.88	4105916.30	22.35963	(05010203)	671478.24	4105916.76	22.77058	(07011317)
671453.61	4105917.22	23.51596	(07011317)	671428.97	4105917.68	24.18798	(07011317)
671404.34	4105918.14	24.81412	(07011317)	671379.70	4105918.60	25.47627	(07011317)
671355.06	4105919.06	26.27715	(07011317)	671330.43	4105919.52	27.18481	(07011317)
671305.79	4105919.98	28.24274	(07011317)	671281.15	4105920.44	29.46055	(07011317)
671256.52	4105920.90	30.13851	(07011317)	671231.88	4105921.36	30.30375	(07011317)
671207.25	4105921.82	30.13912	(07011317)	671182.61	4105922.28	29.88969	(07011317)
671157.97	4105922.74	29.42230	(07011317)	671133.34	4105923.20	28.61980	(07011317)
671108.70	4105923.66	27.70700	(07011317)	671084.06	4105924.12	27.19378	(07011317)
671059.43	4105924.58	26.66333	(07011317)	671034.79	4105925.04	25.98186	(07011317)
671010.16	4105925.50	25.19268	(07011317)	670985.52	4105925.96	25.18187	(07120407)
670960.88	4105926.43	25.96509	(07120407)	670936.25	4105926.89	27.25101	(05012417)
670911.61	4105927.35	28.88913	(05012417)	670886.97	4105927.81	30.61354	(05012417)
670862.34	4105928.27	32.21319	(05012417)	670837.70	4105928.73	33.62864	(05012417)
670813.07	4105929.19	35.12707	(05012417)	670788.43	4105929.65	36.41739	(05012417)
670763.79	4105930.11	37.56436	(05012417)	670739.16	4105930.57	39.17294	(05012417)
670714.52	4105931.03	40.87264	(05011917)	670689.88	4105931.49	42.37476	(05011917)
670665.25	4105931.95	43.06772	(05011917)	670640.61	4105932.41	43.37722	(05011917)
670615.98	4105932.87	43.49481	(05011917)	670591.34	4105933.33	43.80047	(05011917)
672980.91	4104994.94	33.63370	(06020109)	672992.78	4104972.99	33.66938	(06020109)
673004.65	4104951.03	33.71103	(06020109)	673016.51	4104929.07	33.74139	(06020109)
673028.38	4104907.12	33.77452	(06020109)	673040.25	4104885.16	33.80934	(06020109)
673052.12	4104863.20	33.84308	(06020109)	673063.98	4104841.24	33.87567	(06020109)
673075.85	4104819.29	33.90983	(06020109)	673087.72	4104797.33	33.94046	(06020109)
673099.58	4104775.37	33.96652	(06020109)	673111.45	4104753.42	34.00034	(06020109)
673123.32	4104731.46	34.02119	(06020109)	673135.19	4104709.50	34.04099	(06020109)
673147.05	4104687.54	34.05995	(06020109)	673158.92	4104665.59	34.06906	(06020109)
673170.79	4104643.63	34.06804	(06020109)	673182.66	4104621.67	34.06333	(06020109)
673194.52	4104599.71	34.04582	(06020109)	673206.39	4104577.76	34.01208	(06020109)
673218.26	4104555.80	33.95876	(06020109)	673230.12	4104533.84	33.88445	(06020109)
673241.99	4104511.89	33.78122	(06020109)	673253.86	4104489.93	33.64972	(06020109)
673265.73	4104467.97	33.47470	(06020109)	673277.59	4104446.01	33.25387	(06020109)
673289.46	4104424.06	32.98561	(06020109)	673301.33	4104402.10	32.65501	(06020109)
673313.20	4104380.14	32.26113	(06020109)	673325.06	4104358.19	31.79601	(06020109)
673336.93	4104336.23	31.24541	(06020109)	673348.80	4104314.27	30.61500	(06020109)
673360.67	4104292.31	29.91144	(06020109)	673372.53	4104270.36	29.23354	(06020109)
673384.40	4104248.40	28.35597	(06020109)	673396.27	4104226.44	27.91726	(08040207)
673408.13	4104204.49	27.93698	(08040207)	673420.00	4104182.53	27.95828	(08040207)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673431.87	4104160.57	27.98494	(08040207)	673443.74	4104138.61	28.01417	(08040207)
673455.60	4104116.66	28.04513	(08040207)	673467.47	4104094.70	28.07387	(08040207)
673479.34	4104072.74	28.08985	(08040207)	673491.21	4104050.79	28.10101	(08040207)
673503.07	4104028.83	28.11848	(08040207)	673514.94	4104006.87	28.13822	(08040207)
673526.81	4103984.91	28.15593	(08040207)	673538.67	4103962.96	28.17018	(08040207)
673550.54	4103941.00	28.18538	(08040207)	673562.41	4103919.04	28.19769	(08040207)
673574.28	4103897.08	28.20320	(08040207)	673586.14	4103875.13	28.20118	(08040207)
673598.01	4103853.17	28.19492	(08040207)	673609.88	4103831.21	28.18028	(08040207)
673621.75	4103809.26	28.15635	(08040207)	673633.61	4103787.30	28.11670	(08040207)
673645.48	4103765.34	28.05960	(08040207)	673657.35	4103743.38	27.97856	(08040207)
673669.22	4103721.43	27.87312	(08040207)	673681.08	4103699.47	27.73616	(08040207)
673692.95	4103677.51	27.55872	(08040207)	673704.82	4103655.56	27.33688	(08040207)
673716.68	4103633.60	27.06754	(08040207)	673728.55	4103611.64	26.84863	(07030308)
673740.42	4103589.68	26.89111	(07030308)	673752.29	4103567.73	26.96029	(07030308)
673764.15	4103545.77	27.05836	(07030308)	673776.02	4103523.81	27.16078	(07030308)
673787.89	4103501.86	27.20747	(07030308)	673799.76	4103479.90	27.22734	(07030308)
673811.62	4103457.94	27.20649	(07030308)	673823.49	4103435.98	27.12656	(07030308)
673835.36	4103414.03	26.98551	(07030308)	673847.22	4103392.07	26.82844	(07030308)
673859.09	4103370.11	26.74386	(07030308)	673870.96	4103348.15	26.70101	(07030308)
673882.83	4103326.20	26.52950	(07030308)	673894.69	4103304.24	26.27356	(07030308)
673906.56	4103282.28	25.93768	(07030308)	673918.43	4103260.33	25.88958	(04011309)
673930.30	4103238.37	25.93531	(04011309)	673942.16	4103216.41	26.00708	(04011309)
673954.03	4103194.45	26.08124	(04011309)	673965.90	4103172.50	26.14145	(04011309)
673977.77	4103150.54	26.18899	(04011309)	673989.63	4103128.58	26.22269	(04011309)
674001.50	4103106.63	26.26400	(04011309)	674013.37	4103084.67	26.30228	(04011309)
674025.23	4103062.71	26.34805	(04011309)	674037.10	4103040.75	26.39016	(04011309)
672288.44	4102067.26	107.96373	(07012717)	672266.11	4102056.56	116.47781	(07012717)
672243.78	4102045.86	125.56457	(07012717)	672221.44	4102035.16	135.34864	(07012717)
672199.11	4102024.46	145.99954	(07012717)	672176.77	4102013.76	157.35067	(07012717)
672154.44	4102003.06	169.07489	(07012717)	672132.11	4101992.36	180.51873	(07012717)
672109.77	4101981.65	190.22570	(07012717)	672087.44	4101970.95	196.42133	(07012717)
672065.11	4101960.25	197.22915	(07012717)	672042.77	4101949.55	191.79399	(07012717)
672020.44	4101938.85	181.10021	(07012717)	671998.11	4101928.15	168.82827	(07012717)
671975.77	4101917.45	158.91941	(07012717)	671953.44	4101906.74	155.27053	(07012717)
671931.10	4101896.04	149.78089	(06030818)	671908.77	4101885.34	146.72063	(08120508)
671886.44	4101874.64	152.48721	(07011517)	671864.10	4101863.94	156.57699	(07011517)
671841.77	4101853.24	157.56825	(07011517)	671819.44	4101842.54	152.87602	(07011517)
671797.10	4101831.84	141.40645	(07011517)	671774.77	4101821.13	103.50073	(07011517)
671752.43	4101810.43	90.13117	(07011517)	671730.10	4101799.73	83.57485	(07011517)
671707.77	4101789.03	74.69380	(07011517)	671685.43	4101778.33	66.12609	(07042002)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671663.10	4101767.63	63.48958	(05021803)	671640.77	4101756.93	60.87034	(05021803)
671618.43	4101746.22	58.19829	(05021803)	672312.22	4102059.54	102.88706	(07012717)
672276.91	4102034.02	117.58020	(07012717)	672254.58	4102023.32	126.58528	(07012717)
672232.24	4102012.62	136.30320	(07012717)	672209.91	4102001.91	146.72201	(07012717)
672187.58	4101991.21	157.66181	(07012717)	672165.24	4101980.51	168.38795	(07012717)
672142.91	4101969.81	178.15581	(07012717)	672120.58	4101959.11	185.72540	(07012717)
672098.24	4101948.41	189.28625	(07012717)	672075.91	4101937.71	187.88310	(07012717)
672053.58	4101927.00	181.09695	(07012717)	672031.24	4101916.30	169.73593	(07012717)
672008.91	4101905.60	157.81555	(07012717)	671986.57	4101894.90	149.02062	(07012717)
671964.24	4101884.20	141.23434	(07012717)	671941.91	4101873.50	144.66543	(06030818)
671919.57	4101862.80	141.10079	(06030818)	671897.24	4101852.10	144.53643	(07011517)
671874.91	4101841.39	145.39195	(07011517)	671852.57	4101830.69	145.23775	(07011517)
671830.24	4101819.99	145.84250	(07011517)	671807.90	4101809.29	140.23014	(07011517)
671785.57	4101798.59	106.13875	(07011517)	671763.24	4101787.89	89.18617	(07011517)
671740.90	4101777.19	84.31699	(07011517)	671718.57	4101766.48	75.53768	(07011517)
671696.24	4101755.78	66.94661	(07011517)	671673.90	4101745.08	63.59681	(05021803)
671651.57	4101734.38	61.04094	(05021803)	672323.02	4102036.99	104.17444	(07012717)
672347.18	4102086.24	89.12294	(07012717)	672287.71	4102011.47	118.65300	(07012717)
672265.38	4102000.77	127.55503	(07012717)	672243.05	4101990.07	137.09063	(07012717)
672220.71	4101979.37	147.06460	(07012717)	672198.38	4101968.67	157.42154	(07012717)
672176.05	4101957.97	167.00513	(07012717)	672153.71	4101947.26	175.20542	(07012717)
672131.38	4101936.56	180.81503	(07012717)	672109.05	4101925.86	182.21309	(07012717)
672086.71	4101915.16	178.74515	(07012717)	672064.38	4101904.46	170.70319	(07012717)
672042.04	4101893.76	158.87495	(07012717)	672019.71	4101883.06	146.44686	(07012717)
671997.38	4101872.35	137.88450	(07012717)	671975.04	4101861.65	128.31666	(07012717)
671952.71	4101850.95	126.51904	(06030818)	671930.38	4101840.25	136.35001	(06030818)
671908.04	4101829.55	134.25761	(07011517)	671885.71	4101818.85	139.07348	(07011517)
671863.38	4101808.15	139.64282	(07011517)	671841.04	4101797.45	136.07374	(07011517)
671818.71	4101786.74	137.66386	(07011517)	671796.37	4101776.04	108.27674	(07011517)
671774.04	4101765.34	90.47094	(07011517)	671751.71	4101754.64	85.00110	(07011517)
671729.37	4101743.94	76.34186	(07011517)	671707.04	4101733.24	67.79818	(07011517)
671684.71	4101722.54	63.63562	(05021803)	671662.37	4101711.83	61.17358	(05021803)
671640.04	4101701.13	58.59747	(05021803)	672333.82	4102014.45	105.44952	(07012717)
672359.77	4102044.08	93.74501	(07012717)	672370.96	4102078.52	84.80937	(07012717)
672298.52	4101988.93	119.68705	(07012717)	672276.18	4101978.23	128.45384	(07012717)
672253.85	4101967.52	137.84083	(07012717)	672231.52	4101956.82	147.28527	(07012717)
672209.18	4101946.12	156.77962	(07012717)	672186.85	4101935.42	165.06661	(07012717)
672164.52	4101924.72	171.68629	(07012717)	672142.18	4101914.02	175.53737	(07012717)
672119.85	4101903.32	175.19319	(07012717)	672097.51	4101892.61	170.10038	(07012717)
672075.18	4101881.91	160.79478	(07012717)	672052.85	4101871.21	148.33214	(07012717)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672030.51	4101860.51	135.29747	(07012717)	672008.18	4101849.81	126.25302	(07012717)
671985.85	4101839.11	121.17869	(06030818)	671963.51	4101828.41	122.05196	(06030818)
671941.18	4101817.71	119.94749	(08120508)	671918.85	4101807.00	127.99411	(07011517)
671896.51	4101796.30	132.88189	(07011517)	671874.18	4101785.60	134.04551	(07011517)
671851.84	4101774.90	131.63870	(07011517)	671829.51	4101764.20	134.57767	(07011517)
671807.18	4101753.50	110.21651	(07011517)	671784.84	4101742.80	90.34665	(07011517)
671762.51	4101732.09	85.59105	(07011517)	671740.18	4101721.39	77.09268	(07011517)
671717.84	4101710.69	68.62602	(07011517)	671695.51	4101699.99	63.59005	(05021803)
671673.17	4101689.29	61.26289	(05021803)	672358.02	4101972.32	106.84801	(07012717)
672373.59	4101990.10	99.84064	(07012717)	672389.16	4102007.88	92.83234	(07012717)
672404.73	4102025.67	85.99977	(07012717)	672418.16	4102066.98	76.10275	(07012717)
672416.02	4102090.52	72.68858	(07012717)	672413.88	4102114.06	69.25863	(07012717)
672411.74	4102137.59	67.15510	(05013117)	672342.46	4101954.54	114.01251	(07012717)
672320.12	4101943.84	121.89655	(07012717)	672297.79	4101933.13	130.21905	(07012717)
672275.46	4101922.43	138.82155	(07012717)	672253.12	4101911.73	147.15577	(07012717)
672230.79	4101901.03	154.47064	(07012717)	672208.45	4101890.33	160.13196	(07012717)
672186.12	4101879.63	163.80957	(07012717)	672163.79	4101868.93	164.46602	(07012717)
672141.45	4101858.23	161.20027	(07012717)	672119.12	4101847.52	153.67353	(07012717)
672096.79	4101836.82	143.60472	(07012717)	672074.45	4101826.12	129.84055	(07012717)
672052.12	4101815.42	114.87813	(07012717)	672029.79	4101804.72	108.05461	(05110208)
672007.45	4101794.02	112.04131	(06030818)	671985.12	4101783.32	113.26491	(06030818)
671962.78	4101772.61	110.87363	(04011220)	671940.45	4101761.91	116.33992	(07011517)
671918.12	4101751.21	120.61820	(07011517)	671895.78	4101740.51	122.39907	(07011517)
671873.45	4101729.81	122.59248	(07011517)	671851.12	4101719.11	127.51569	(07011517)
671828.78	4101708.41	111.94411	(07011517)	671806.45	4101697.71	90.93542	(07011517)
671784.12	4101687.00	86.51251	(07011517)	671761.78	4101676.30	78.43939	(07011517)
671739.45	4101665.60	70.19429	(07011517)	671717.11	4101654.90	63.13767	(05021803)
671694.78	4101644.20	61.22909	(05021803)	671672.45	4101633.50	58.98133	(05021803)
672378.89	4101926.38	109.95986	(07012717)	672408.54	4101960.25	96.40502	(07012717)
672423.37	4101977.19	89.91495	(07012717)	672453.02	4102011.06	77.70547	(07012717)
672465.81	4102050.41	68.89681	(07012717)	672461.74	4102095.24	65.63425	(05013117)
672459.70	4102117.66	64.39850	(05013117)	672455.62	4102162.49	61.69343	(05013117)
672364.06	4101909.45	116.71713	(07012717)	672341.73	4101898.74	124.29833	(07012717)
672319.40	4101888.04	132.06374	(07012717)	672297.06	4101877.34	139.80276	(07012717)
672274.73	4101866.64	146.81296	(07012717)	672252.39	4101855.94	152.22213	(07012717)
672230.06	4101845.24	156.35708	(07012717)	672207.73	4101834.54	157.09020	(07012717)
672185.39	4101823.84	155.11929	(07012717)	672163.06	4101813.13	149.23384	(07012717)
672140.73	4101802.43	139.14707	(07012717)	672118.39	4101791.73	126.62371	(07012717)
672096.06	4101781.03	113.13213	(07012717)	672073.72	4101770.33	100.13232	(05110208)
672051.39	4101759.63	94.91831	(05011317)	672029.06	4101748.93	102.86343	(06030818)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672006.72	4101738.22	105.53867	(06030818)	671984.39	4101727.52	103.51301	(04011220)
671962.06	4101716.82	105.85522	(07011517)	671939.72	4101706.12	109.27470	(07011517)
671917.39	4101695.42	111.36872	(07011517)	671895.06	4101684.72	114.08364	(07011517)
671872.72	4101674.02	119.52351	(07011517)	671850.39	4101663.32	111.46847	(07011517)
671828.05	4101652.61	90.80615	(07011517)	671805.72	4101641.91	87.13938	(07011517)
671783.39	4101631.21	79.52035	(07011517)	671761.05	4101620.51	71.58702	(07011517)
671738.72	4101609.81	63.72229	(07011517)	671716.39	4101599.11	60.80021	(05021803)
671694.05	4101588.41	58.93094	(05021803)	672401.88	4101882.88	112.62113	(07012717)
672418.10	4101901.40	105.59812	(07012717)	672434.32	4101919.92	98.41108	(07012717)
672450.53	4101938.45	91.17173	(07012717)	672466.75	4101956.97	84.06944	(07012717)
672482.97	4101975.49	77.42932	(07012717)	672499.18	4101994.02	71.23987	(07012717)
672513.17	4102037.06	65.06687	(05013117)	672510.94	4102061.57	63.97965	(05013117)
672508.71	4102086.09	62.73207	(05013117)	672506.49	4102110.61	61.35476	(05013117)
672504.26	4102135.13	59.94597	(05013117)	672502.03	4102159.64	58.56180	(05013117)
672499.80	4102184.16	57.27050	(08022908)	672385.67	4101864.36	119.48499	(07012717)
672363.33	4101853.65	126.18163	(07012717)	672341.00	4101842.95	132.60250	(07012717)
672318.67	4101832.25	138.74500	(07012717)	672296.33	4101821.55	144.37371	(07012717)
672274.00	4101810.85	148.44126	(07012717)	672251.67	4101800.15	149.96326	(07012717)
672229.33	4101789.45	148.72936	(07012717)	672207.00	4101778.74	144.26840	(07012717)
672184.67	4101768.04	136.50453	(07012717)	672162.33	4101757.34	125.63572	(07012717)
672140.00	4101746.64	112.13417	(07012717)	672117.66	4101735.94	98.12048	(07012717)
672095.33	4101725.24	88.71148	(05110208)	672073.00	4101714.54	86.04397	(06030818)
672050.66	4101703.84	93.27573	(06030818)	672028.33	4101693.13	97.30051	(06030818)
672006.00	4101682.43	96.43774	(04011220)	671983.66	4101671.73	95.92663	(07011517)
671961.33	4101661.03	100.00194	(07011517)	671938.99	4101650.33	103.32117	(07011517)
671916.66	4101639.63	106.47841	(07011517)	671894.33	4101628.93	111.18452	(07011517)
671871.99	4101618.22	109.86707	(07011517)	671849.66	4101607.52	91.24560	(07011517)
671827.33	4101596.82	87.02239	(07011517)	671804.99	4101586.12	80.26548	(07011517)
671782.66	4101575.42	72.77530	(07011517)	671760.33	4101564.72	65.15722	(07011517)
671737.99	4101554.02	59.89864	(05021803)	671715.66	4101543.32	58.53630	(05021803)
672437.40	4101807.17	117.10243	(07012717)	672453.13	4101825.13	110.76848	(07012717)
672468.85	4101843.09	104.29847	(07012717)	672484.58	4101861.05	97.78767	(07012717)
672500.30	4101879.01	91.25839	(07012717)	672516.03	4101896.97	84.82380	(07012717)
672531.75	4101914.94	78.25384	(07012717)	672547.48	4101932.90	71.95917	(07012717)
672563.20	4101950.86	66.15738	(07012717)	672578.93	4101968.82	63.85577	(05013117)
672592.49	4102010.56	61.67015	(05013117)	672590.33	4102034.33	61.35316	(05013117)
672588.17	4102058.11	60.98123	(05013117)	672586.01	4102081.88	62.02492	(08022908)
672583.85	4102105.65	63.16370	(08022908)	672581.69	4102129.43	63.83274	(08022908)
672579.53	4102153.20	64.12832	(08022908)	672577.37	4102176.98	64.70904	(08022908)
672575.21	4102200.75	63.99497	(08022908)	672573.04	4102224.53	61.52309	(08022908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672421.68	4101789.20	122.93650	(07012717)	672399.34	4101778.50	128.38152	(07012717)
672377.01	4101767.80	133.09677	(07012717)	672354.68	4101757.10	136.82226	(07012717)
672332.34	4101746.40	139.16081	(07012717)	672310.01	4101735.70	139.61034	(07012717)
672287.68	4101725.00	137.74736	(07012717)	672265.34	4101714.29	133.39356	(07012717)
672243.01	4101703.59	126.48165	(07012717)	672220.67	4101692.89	117.31374	(07012717)
672198.34	4101682.19	106.77096	(07012717)	672176.01	4101671.49	95.44351	(05110208)
672153.67	4101660.79	82.92038	(05110208)	672131.34	4101650.09	81.21202	(05011317)
672109.01	4101639.38	78.78559	(06030818)	672086.67	4101628.68	82.03349	(06030818)
672064.34	4101617.98	83.35774	(06030818)	672042.01	4101607.28	82.68471	(04011220)
672019.67	4101596.58	81.54328	(08120508)	671997.34	4101585.88	85.99820	(07011517)
671975.00	4101575.18	89.95864	(07011517)	671952.67	4101564.48	94.38498	(07011517)
671930.34	4101553.77	95.96284	(07011517)	671908.00	4101543.07	105.18329	(07011517)
671885.67	4101532.37	91.49844	(07011517)	671863.34	4101521.67	86.21406	(07011517)
671841.00	4101510.97	80.79001	(07011517)	671818.67	4101500.27	74.17465	(07011517)
671796.34	4101489.57	67.13459	(07011517)	671774.00	4101478.86	60.04919	(07011517)
671751.67	4101468.16	56.93362	(05021803)	672473.13	4101731.69	122.49899	(07012717)
672488.58	4101749.33	116.70089	(07012717)	672504.02	4101766.97	110.20987	(07012717)
672519.46	4101784.62	103.30772	(07012717)	672534.91	4101802.26	96.28091	(07012717)
672550.35	4101819.90	89.72673	(07012717)	672565.80	4101837.54	83.44924	(07012717)
672581.24	4101855.18	77.44212	(07012717)	672596.68	4101872.82	71.62012	(07012717)
672612.13	4101890.46	66.25925	(07012717)	672627.57	4101908.10	63.11528	(05013117)
672643.02	4101925.74	61.63766	(05013117)	672658.46	4101943.38	59.97169	(05013117)
672671.78	4101984.37	58.41810	(08022908)	672669.66	4102007.72	58.84936	(08022908)
672667.54	4102031.07	59.25745	(08022908)	672665.42	4102054.42	59.73843	(08022908)
672663.29	4102077.77	60.76952	(08022908)	672661.17	4102101.12	62.14546	(08022908)
672659.05	4102124.47	62.70122	(08022908)	672656.93	4102147.82	63.47752	(08022908)
672654.81	4102171.17	64.99011	(08022908)	672652.68	4102194.52	66.35591	(08022908)
672650.56	4102217.87	69.48261	(08022908)	672648.44	4102241.22	71.39307	(08022908)
672646.32	4102264.57	72.67973	(08022908)	672457.69	4101714.05	127.18356	(07012717)
672435.35	4101703.35	130.11001	(07012717)	672413.02	4101692.65	132.31657	(07012717)
672390.69	4101681.95	133.50088	(07012717)	672368.35	4101671.25	132.91261	(07012717)
672346.02	4101660.55	130.35920	(07012717)	672323.69	4101649.84	125.63081	(07012717)
672301.35	4101639.14	118.89404	(07012717)	672279.02	4101628.44	110.32149	(07012717)
672256.68	4101617.74	100.04603	(07012717)	672234.35	4101607.04	88.49015	(07012717)
672212.02	4101596.34	80.36007	(05110208)	672189.68	4101585.64	76.42480	(05031208)
672167.35	4101574.93	72.25727	(05031208)	672145.02	4101564.23	71.46336	(06030818)
672122.68	4101553.53	74.39787	(06030818)	672100.35	4101542.83	75.91272	(06030818)
672078.01	4101532.13	75.94512	(04011220)	672055.68	4101521.43	75.38947	(05021123)
672033.35	4101510.73	77.28132	(07011517)	672011.01	4101500.03	81.62932	(07011517)
671988.68	4101489.32	84.91344	(07011517)	671966.35	4101478.62	87.32489	(07011517)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671944.01	4101467.92	97.93905	(07011517)	671921.68	4101457.22	90.49147	(07011517)
671899.35	4101446.52	83.88001	(07011517)	671877.01	4101435.82	80.42142	(07011517)
671854.68	4101425.12	74.81265	(07011517)	671832.34	4101414.41	68.52577	(07011517)
671810.01	4101403.71	61.95436	(07011517)	671787.68	4101393.01	56.05648	(07042002)
672509.91	4101657.42	137.52381	(07012717)	672526.13	4101675.95	126.49268	(07012717)
672542.35	4101694.47	116.51580	(07012717)	672558.56	4101712.99	107.88741	(07012717)
672574.78	4101731.52	100.11647	(07012717)	672590.99	4101750.04	93.09447	(07012717)
672607.21	4101768.56	86.13497	(07012717)	672623.43	4101787.08	79.45611	(07012717)
672639.64	4101805.61	73.30921	(07012717)	672655.86	4101824.13	67.83258	(07012717)
672672.08	4101842.65	62.87192	(07012717)	672688.29	4101861.18	62.30353	(05013117)
672704.51	4101879.70	62.31222	(05013117)	672720.72	4101898.22	61.08092	(05013117)
672736.94	4101916.74	60.05319	(08022908)	672750.93	4101959.79	59.80568	(08022908)
672748.70	4101984.30	59.21428	(08022908)	672746.47	4102008.82	59.11279	(08022908)
672744.24	4102033.34	59.46433	(08022908)	672742.02	4102057.85	59.92510	(08022908)
672739.79	4102082.37	61.28929	(08022908)	672737.56	4102106.89	62.71882	(08022908)
672735.33	4102131.41	64.89552	(08022908)	672733.10	4102155.92	67.38759	(08022908)
672730.87	4102180.44	71.22592	(08022908)	672728.65	4102204.96	73.64768	(08022908)
672726.42	4102229.48	75.10693	(08022908)	672724.19	4102253.99	76.15940	(08022908)
672721.96	4102278.51	76.99493	(08022908)	672719.73	4102303.03	74.82054	(08022908)
672493.70	4101638.90	143.84621	(07012717)	672471.36	4101628.20	147.02119	(07012717)
672449.03	4101617.50	146.47488	(07012717)	672426.70	4101606.80	138.88001	(07012717)
672404.36	4101596.09	130.29288	(07012717)	672382.03	4101585.39	122.57724	(07012717)
672359.69	4101574.69	114.62124	(07012717)	672337.36	4101563.99	105.87431	(07012717)
672315.03	4101553.29	96.46628	(07012717)	672292.69	4101542.59	86.27892	(07012717)
672270.36	4101531.89	79.93323	(05031208)	672248.03	4101521.19	78.21811	(05031208)
672225.69	4101510.48	74.55286	(05031208)	672203.36	4101499.78	69.33530	(05031208)
672181.03	4101489.08	65.91109	(06030818)	672158.69	4101478.38	68.99956	(06030818)
672136.36	4101467.68	71.12449	(06030818)	672114.02	4101456.98	71.53311	(04011220)
672091.69	4101446.28	71.55272	(05021123)	672069.36	4101435.57	70.92918	(07011517)
672047.02	4101424.87	74.90721	(07011517)	672024.69	4101414.17	77.70888	(07011517)
672002.36	4101403.47	79.50222	(07011517)	671980.02	4101392.77	88.37499	(07011517)
671957.69	4101382.07	87.74636	(07011517)	671935.35	4101371.37	80.78444	(07011517)
671913.02	4101360.67	79.25032	(07011517)	671890.69	4101349.96	74.70144	(07011517)
671868.35	4101339.26	69.27513	(07011517)	671846.02	4101328.56	63.33725	(07011517)
671823.69	4101317.86	57.20949	(07011517)	672617.94	4101431.97	122.18858	(07012717)
672634.16	4101450.49	123.34431	(07012717)	672650.37	4101469.01	122.57131	(07012717)
672666.59	4101487.54	123.22301	(07012717)	672682.81	4101506.06	120.73578	(07012717)
672699.02	4101524.58	115.83141	(07012717)	672715.24	4101543.11	109.08930	(07012717)
672731.46	4101561.63	101.16622	(07012717)	672747.67	4101580.15	96.91281	(07012717)
672763.89	4101598.68	93.33660	(07012717)	672780.10	4101617.20	85.69715	(07012717)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672796.32	4101635.72	80.16625	(07012717)	672812.54	4101654.24	74.53967	(07012717)
672828.75	4101672.77	68.23694	(07012717)	672844.97	4101691.29	62.14856	(05013117)
672861.19	4101709.81	60.24245	(05013117)	672877.40	4101728.34	58.41980	(05013117)
672893.62	4101746.86	56.79278	(05013117)	672909.83	4101765.38	55.09428	(05013117)
672926.05	4101783.90	54.87076	(08022908)	672942.27	4101802.43	57.53604	(08022908)
672958.48	4101820.95	59.68835	(08022908)	672974.70	4101839.47	61.14148	(08022908)
672988.69	4101882.51	62.49199	(08022908)	672986.46	4101907.03	62.47507	(08022908)
672984.23	4101931.55	62.37229	(08022908)	672982.00	4101956.07	62.09322	(08022908)
672979.77	4101980.58	61.93286	(08022908)	672977.55	4102005.10	61.74389	(08022908)
672975.32	4102029.62	61.33026	(08022908)	672973.09	4102054.14	60.97134	(08022908)
672970.86	4102078.65	60.49674	(08022908)	672968.63	4102103.17	60.10812	(08022908)
672966.41	4102127.69	59.73506	(08022908)	672964.18	4102152.21	59.32626	(08022908)
672961.95	4102176.72	58.88683	(08022908)	672959.72	4102201.24	58.40925	(08022908)
672957.49	4102225.76	58.00568	(08022908)	672955.26	4102250.27	57.83004	(08022908)
672953.04	4102274.79	58.15805	(08022908)	672950.81	4102299.31	58.76954	(08022908)
672948.58	4102323.83	59.79117	(08022908)	672946.35	4102348.34	60.39095	(08022908)
672944.12	4102372.86	60.10075	(08022908)	672941.89	4102397.38	59.03327	(08022908)
672939.67	4102421.90	56.82649	(08022908)	672601.72	4101413.45	119.42466	(07012717)
672579.39	4101402.74	116.09445	(07012717)	672557.06	4101392.04	111.67246	(07012717)
672534.72	4101381.34	106.45334	(07012717)	672512.39	4101370.64	100.26224	(07012717)
672490.06	4101359.94	93.27087	(07012717)	672467.72	4101349.24	85.33092	(07012717)
672445.39	4101338.54	80.04114	(05031208)	672423.06	4101327.83	80.56803	(05031208)
672400.72	4101317.13	79.42554	(05031208)	672378.39	4101306.43	76.92295	(05031208)
672356.05	4101295.73	74.08158	(05031208)	672333.72	4101285.03	69.93827	(05031208)
672311.39	4101274.33	64.59595	(05031208)	672289.05	4101263.63	58.32937	(05031208)
672266.72	4101252.93	58.20137	(06030818)	672244.39	4101242.22	58.17092	(06030818)
672222.05	4101231.52	57.46500	(04011220)	672199.72	4101220.82	56.24195	(05021123)
672177.39	4101210.12	56.47140	(05021123)	672155.05	4101199.42	55.84125	(07011517)
672132.72	4101188.72	58.68577	(07011517)	672110.38	4101178.02	67.47741	(05022218)
672088.05	4101167.31	70.74191	(05022218)	672065.72	4101156.61	73.37827	(07011517)
672043.38	4101145.91	72.83598	(07011517)	672021.05	4101135.21	70.72119	(07011517)
671998.72	4101124.51	70.06164	(07011517)	671976.38	4101113.81	67.36061	(07011517)
671954.05	4101103.11	63.77684	(07011517)	671931.71	4101092.41	59.53706	(07011517)
672725.97	4101206.51	51.31945	(05031208)	672742.19	4101225.04	86.62797	(08041307)
672758.40	4101243.56	85.38677	(08041307)	672774.62	4101262.08	88.53296	(07012717)
672790.83	4101280.61	106.51736	(07012717)	672807.05	4101299.13	111.52062	(07012717)
672823.27	4101317.65	109.72085	(07012717)	672839.48	4101336.17	102.35272	(07012717)
672855.70	4101354.70	99.46272	(07012717)	672871.92	4101373.22	99.80471	(07012717)
672888.13	4101391.74	94.44210	(07012717)	672904.35	4101410.27	84.26041	(07012717)
672920.56	4101428.79	72.72658	(07012717)	672936.78	4101447.31	59.67410	(07012717)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672953.00	4101465.83	49.63853	(08120509)	672969.21	4101484.36	48.48078	(08120509)
672985.43	4101502.88	47.20469	(08120509)	673001.65	4101521.40	50.41834	(05013117)
673017.86	4101539.93	57.00369	(05013117)	673034.08	4101558.45	59.12418	(05013117)
673050.30	4101576.97	54.16489	(05013117)	673066.51	4101595.50	55.64805	(05012309)
673082.73	4101614.02	53.27007	(05012309)	673098.94	4101632.54	53.02774	(05012309)
673115.16	4101651.06	53.07619	(05012309)	673131.38	4101669.59	55.82168	(08022908)
673147.59	4101688.11	61.83086	(08022908)	673163.81	4101706.63	66.71204	(08022908)
673180.03	4101725.16	69.04727	(08022908)	673196.24	4101743.68	72.28734	(08022908)
673212.46	4101762.20	73.26195	(08022908)	673226.45	4101805.24	69.84760	(08022908)
673224.22	4101829.76	69.59038	(08022908)	673221.99	4101854.28	70.87767	(08022908)
673219.76	4101878.79	72.99165	(08022908)	673217.53	4101903.31	75.71806	(08022908)
673215.31	4101927.83	78.92077	(08022908)	673213.08	4101952.35	74.91646	(08022908)
673210.85	4101976.86	72.36576	(08022908)	673208.62	4102001.38	69.98195	(08022908)
673206.39	4102025.90	67.47755	(08022908)	673204.16	4102050.42	65.55941	(08022908)
673201.94	4102074.93	64.53004	(08022908)	673199.71	4102099.45	64.04376	(08022908)
673197.48	4102123.97	64.25714	(08022908)	673195.25	4102148.49	65.14992	(08022908)
673193.02	4102173.00	67.86865	(08022908)	673190.79	4102197.52	74.70591	(08022908)
673188.57	4102222.04	73.47066	(08022908)	673186.34	4102246.56	68.21690	(08022908)
673184.11	4102271.07	64.79526	(08022908)	673181.88	4102295.59	63.31599	(08022908)
673179.65	4102320.11	61.89664	(08022908)	673177.42	4102344.63	60.58557	(08022908)
673175.20	4102369.14	59.08676	(08022908)	673172.97	4102393.66	57.70265	(08022908)
673170.74	4102418.18	55.95999	(08022908)	673168.51	4102442.70	54.48114	(08022908)
673166.28	4102467.21	53.38766	(08022908)	673164.06	4102491.73	52.31097	(08022908)
673161.83	4102516.25	51.33877	(08022908)	673159.60	4102540.76	50.43113	(08022908)
672709.75	4101187.99	55.70057	(05031208)	672687.42	4101177.29	60.13247	(05031208)
672665.09	4101166.59	64.16507	(05031208)	672642.75	4101155.89	67.59792	(05031208)
672620.42	4101145.19	70.29651	(05031208)	672598.08	4101134.48	72.15527	(05031208)
672575.75	4101123.78	73.08923	(05031208)	672553.42	4101113.08	73.00732	(05031208)
672531.08	4101102.38	71.90643	(05031208)	672508.75	4101091.68	70.23108	(05031208)
672486.42	4101080.98	67.61602	(05031208)	672464.08	4101070.28	64.21832	(05031208)
672441.75	4101059.57	59.94080	(05031208)	672419.42	4101048.87	54.93948	(05031208)
672397.08	4101038.17	49.51997	(05031208)	672374.75	4101027.47	48.43593	(06030818)
672352.41	4101016.77	48.43104	(06030818)	672330.08	4101006.07	48.26246	(04011220)
672307.75	4100995.37	47.90869	(05021123)	672285.41	4100984.67	47.58035	(05021123)
672263.08	4100973.96	46.57211	(05021123)	672240.75	4100963.26	45.73491	(05022218)
672218.41	4100952.56	47.81551	(07011517)	672196.08	4100941.86	49.63321	(07011517)
672173.75	4100931.16	58.88835	(05022218)	672151.41	4100920.46	60.72339	(05022218)
672129.08	4100909.76	62.59222	(07011517)	672106.74	4100899.05	63.29104	(07011517)
672084.41	4100888.35	61.62427	(07011517)	672062.08	4100877.65	60.67044	(07011517)
672039.74	4100866.95	58.38403	(07011517)	672942.03	4100755.60	57.86137	(05031208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672958.24	4100774.13	54.94301	(05031208)	672974.46	4100792.65	51.65809	(05031208)
672990.67	4100811.17	40.58534	(04082107)	673006.89	4100829.70	40.21449	(04082107)
673023.11	4100848.22	39.60362	(08041307)	673039.32	4100866.74	39.19166	(08041307)
673055.54	4100885.26	38.40536	(08041307)	673071.76	4100903.79	37.29200	(08041307)
673087.97	4100922.31	36.75726	(05110208)	673104.19	4100940.83	68.51832	(08041307)
673120.41	4100959.36	64.96838	(08041307)	673136.62	4100977.88	60.91419	(08041307)
673152.84	4100996.40	56.66973	(08041307)	673169.05	4101014.93	52.52226	(08041307)
673185.27	4101033.45	48.36651	(08041307)	673201.49	4101051.97	50.01888	(07012717)
673217.70	4101070.49	52.72334	(07012717)	673233.92	4101089.02	51.23621	(07012717)
673250.14	4101107.54	49.64860	(07012717)	673266.35	4101126.06	48.02441	(07012717)
673282.57	4101144.59	46.79276	(08120509)	673298.78	4101163.11	45.52460	(08120509)
673315.00	4101181.63	32.98229	(05102408)	673331.22	4101200.15	32.51039	(05102408)
673347.43	4101218.68	21.08334	(05012309)	673363.65	4101237.20	21.88623	(05012309)
673379.87	4101255.72	30.64568	(05102408)	673396.08	4101274.25	29.95936	(05102408)
673412.30	4101292.77	39.24280	(07012209)	673428.51	4101311.29	39.15119	(07012209)
673444.73	4101329.82	48.04341	(05012309)	673460.95	4101348.34	48.28612	(05012309)
673477.16	4101366.86	37.75078	(07012209)	673493.38	4101385.38	36.96716	(07012209)
673509.60	4101403.91	36.12333	(07012209)	673525.81	4101422.43	35.29413	(07012209)
673542.03	4101440.95	34.44502	(07012209)	673558.25	4101459.48	47.04523	(05012309)
673574.46	4101478.00	46.69204	(05012309)	673590.68	4101496.52	46.27334	(05012309)
673606.89	4101515.05	52.09634	(08022908)	673623.11	4101533.57	55.09803	(08022908)
673639.33	4101552.09	58.08861	(08022908)	673655.54	4101570.61	61.17698	(08022908)
673671.76	4101589.14	62.64064	(08022908)	673687.98	4101607.66	63.22507	(08022908)
673701.96	4101650.70	64.15073	(08022908)	673699.74	4101675.22	64.99131	(08022908)
673697.51	4101699.74	65.34316	(08022908)	673695.28	4101724.25	64.90250	(08022908)
673693.05	4101748.77	64.04755	(08022908)	673690.82	4101773.29	64.03712	(08022908)
673688.59	4101797.80	64.47902	(08022908)	673686.37	4101822.32	65.67479	(08022908)
673684.14	4101846.84	66.90959	(08022908)	673681.91	4101871.36	69.12801	(08022908)
673679.68	4101895.87	73.73212	(08022908)	673677.45	4101920.39	78.01845	(08022908)
673675.22	4101944.91	76.49430	(08022908)	673673.00	4101969.43	75.68185	(08022908)
673670.77	4101993.94	75.37212	(08022908)	673668.54	4102018.46	76.40996	(08022908)
673666.31	4102042.98	73.49578	(08022908)	673664.08	4102067.50	68.68775	(08022908)
673661.86	4102092.01	65.00709	(08022908)	673659.63	4102116.53	62.39706	(08022908)
673657.40	4102141.05	60.42799	(08022908)	673655.17	4102165.57	58.35505	(08022908)
673652.94	4102190.08	57.02396	(08022908)	673650.71	4102214.60	56.34608	(08022908)
673648.49	4102239.12	55.82895	(08022908)	673646.26	4102263.64	55.17805	(08022908)
673644.03	4102288.15	54.43741	(08022908)	673641.80	4102312.67	53.51258	(08022908)
673639.57	4102337.19	52.43898	(08022908)	673637.34	4102361.70	51.60115	(08022908)
673635.12	4102386.22	51.27102	(08022908)	673632.89	4102410.74	51.76274	(08022908)
673630.66	4102435.26	51.86598	(08022908)	673628.43	4102459.77	51.65361	(08022908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673626.20	4102484.29	51.24515	(08022908)	673623.98	4102508.81	51.07650	(08022908)
673621.75	4102533.33	50.22609	(08022908)	673619.52	4102557.84	47.25527	(08022908)
673617.29	4102582.36	43.90938	(08022908)	673615.06	4102606.88	40.60325	(08022908)
673612.83	4102631.40	37.27074	(08022908)	673610.61	4102655.91	34.44355	(08022908)
673608.38	4102680.43	33.86167	(05120716)	673606.15	4102704.95	33.40259	(05120716)
673603.92	4102729.47	32.92097	(05120716)	673601.69	4102753.98	32.26302	(05120716)
673599.46	4102778.50	31.64853	(05120716)	672925.81	4100737.08	67.26957	(08041307)
672903.48	4100726.38	63.18742	(08041307)	672881.14	4100715.68	64.10272	(05031208)
672858.81	4100704.98	64.93982	(05031208)	672836.47	4100694.28	64.79313	(05031208)
672814.14	4100683.57	63.82015	(05031208)	672791.81	4100672.87	62.08132	(05031208)
672769.47	4100662.17	59.65731	(05031208)	672747.14	4100651.47	56.53834	(05031208)
672724.81	4100640.77	33.28603	(05121417)	672702.47	4100630.07	31.56124	(05121417)
672680.14	4100619.37	30.34989	(04021502)	672657.81	4100608.66	30.48626	(04021502)
672635.47	4100597.96	30.60460	(05021801)	672613.14	4100587.26	29.35457	(05021801)
672590.80	4100576.56	27.28462	(05021801)	672568.47	4100565.86	25.23437	(05021801)
672546.14	4100555.16	25.20462	(04022201)	672523.80	4100544.46	25.88722	(04022201)
672501.47	4100533.76	27.14374	(04022201)	672479.14	4100523.05	29.23657	(04021506)
672456.80	4100512.35	31.13224	(04021506)	672434.47	4100501.65	32.75478	(04121303)
672412.14	4100490.95	36.06302	(05020408)	672389.80	4100480.25	41.25650	(05020408)
672367.47	4100469.55	42.36104	(05020408)	672345.13	4100458.85	45.19061	(05022218)
672322.80	4100448.14	47.07334	(05022218)	672300.47	4100437.44	47.47567	(07011517)
672278.13	4100426.74	48.08889	(07011517)	672255.80	4100416.04	47.83439	(07011517)
673158.08	4100304.69	28.37067	(05031208)	673174.30	4100323.22	32.23422	(04082107)
673190.52	4100341.74	28.73225	(08041307)	673206.73	4100360.26	30.58497	(08041307)
673222.95	4100378.79	32.23864	(08041307)	673239.16	4100397.31	33.65326	(08041307)
673255.38	4100415.83	34.79897	(08041307)	673271.60	4100434.35	35.64089	(08041307)
673287.81	4100452.88	36.16732	(08041307)	673304.03	4100471.40	36.37803	(08041307)
673320.25	4100489.92	36.27077	(08041307)	673336.46	4100508.45	35.86051	(08041307)
673352.68	4100526.97	35.15721	(08041307)	673368.89	4100545.49	34.19361	(08041307)
673385.11	4100564.02	32.99873	(08041307)	673401.33	4100582.54	31.60704	(08041307)
673417.54	4100601.06	30.05261	(08041307)	673433.76	4100619.58	28.37369	(08041307)
673449.98	4100638.11	26.60289	(08041307)	673466.19	4100656.63	24.77279	(08041307)
673482.41	4100675.15	22.91467	(08041307)	673498.62	4100693.68	21.05836	(08041307)
673514.84	4100712.20	21.54203	(08120509)	673531.06	4100730.72	21.93729	(08120509)
673547.27	4100749.25	22.19562	(08120509)	673563.49	4100767.77	22.32243	(08120509)
673579.71	4100786.29	22.31840	(08120509)	673595.92	4100804.81	22.19244	(08120509)
673612.14	4100823.34	21.95512	(08120509)	673628.36	4100841.86	21.61028	(08120509)
673644.57	4100860.38	21.16597	(08120509)	673660.79	4100878.91	20.63234	(08120509)
673677.00	4100897.43	20.02160	(08120509)	673693.22	4100915.95	19.34337	(08120509)
673709.44	4100934.47	19.23397	(05012309)	673725.65	4100953.00	20.11715	(05012309)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673741.87	4100971.52	20.89620	(05012309)	673758.09	4100990.04	21.56779	(05012309)
673774.30	4101008.57	22.13313	(05012309)	673790.52	4101027.09	22.59398	(05012309)
673806.73	4101045.61	22.95287	(05012309)	673822.95	4101064.14	23.22007	(05012309)
673839.17	4101082.66	23.39650	(05012309)	673855.38	4101101.18	23.48887	(05012309)
673871.60	4101119.70	23.49769	(05012309)	673887.82	4101138.23	23.44095	(05012309)
673904.03	4101156.75	23.31729	(05012309)	673920.25	4101175.27	23.13146	(05012309)
673936.46	4101193.80	22.88586	(05012309)	673952.68	4101212.32	22.58516	(05012309)
673968.90	4101230.84	22.23506	(05012309)	673985.11	4101249.36	21.83620	(05012309)
674001.33	4101267.89	21.39129	(05012309)	674017.55	4101286.41	21.40855	(08022908)
674033.76	4101304.93	22.88676	(08022908)	674049.98	4101323.46	24.25736	(08022908)
674066.19	4101341.98	25.50078	(08022908)	674082.41	4101360.50	26.61952	(08022908)
674098.63	4101379.03	27.60483	(08022908)	674114.84	4101397.55	28.45425	(08022908)
674131.06	4101416.07	29.17748	(08022908)	674147.28	4101434.59	29.78550	(08022908)
674163.49	4101453.12	30.27276	(08022908)	674177.48	4101496.16	30.98964	(08022908)
674175.25	4101520.68	31.23601	(08022908)	674173.02	4101545.19	33.77429	(05031508)
674170.80	4101569.71	33.79420	(05031508)	674168.57	4101594.23	33.69273	(05031508)
674166.34	4101618.74	33.54165	(05031508)	674164.11	4101643.26	33.44853	(05031508)
674161.88	4101667.78	33.40282	(05031508)	674159.65	4101692.30	63.47513	(08022908)
674157.43	4101716.81	64.64769	(08022908)	674155.20	4101741.33	65.68899	(08022908)
674152.97	4101765.85	66.33351	(08022908)	674150.74	4101790.37	66.56746	(08022908)
674148.51	4101814.88	66.88458	(08022908)	674146.29	4101839.40	68.06272	(08022908)
674144.06	4101863.92	73.33280	(08022908)	674141.83	4101888.44	72.02857	(08022908)
674139.60	4101912.95	68.04894	(08022908)	674137.37	4101937.47	64.32285	(08022908)
674135.14	4101961.99	61.67808	(08022908)	674132.92	4101986.51	59.15335	(08022908)
674130.69	4102011.02	57.48247	(08022908)	674128.46	4102035.54	55.98552	(08022908)
674126.23	4102060.06	54.54584	(08022908)	674124.00	4102084.58	53.27307	(08022908)
674121.77	4102109.09	51.99623	(08022908)	674119.55	4102133.61	50.65856	(08022908)
674117.32	4102158.13	49.28908	(08022908)	674115.09	4102182.65	47.94222	(08022908)
674112.86	4102207.16	46.58763	(08022908)	674110.63	4102231.68	45.14089	(08022908)
674108.41	4102256.20	43.64930	(08022908)	674106.18	4102280.71	42.11712	(08022908)
674103.95	4102305.23	40.61622	(08022908)	674101.72	4102329.75	39.04927	(08022908)
674099.49	4102354.27	37.43456	(08022908)	674097.26	4102378.78	35.73995	(08022908)
674095.04	4102403.30	34.01239	(08022908)	674092.81	4102427.82	32.23599	(08022908)
674090.58	4102452.34	30.43678	(08022908)	674088.35	4102476.85	28.61132	(08022908)
674086.12	4102501.37	26.77101	(08022908)	674083.89	4102525.89	26.26240	(08011909)
674081.67	4102550.41	26.51332	(08011909)	674079.44	4102574.92	26.69458	(08011909)
674077.21	4102599.44	26.81998	(08011909)	674074.98	4102623.96	26.91597	(08011909)
674072.75	4102648.48	26.98716	(08011909)	674070.53	4102672.99	27.03217	(08011909)
674068.30	4102697.51	27.04753	(08011909)	674066.07	4102722.03	27.04222	(08011909)
674063.84	4102746.55	27.02289	(08011909)	674061.61	4102771.06	26.99310	(08011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
674059.38	4102795.58	26.95511	(08011909)	674057.16	4102820.10	26.90438	(08011909)
674054.93	4102844.62	26.84058	(08011909)	674052.70	4102869.13	26.77418	(08011909)
674050.47	4102893.65	26.70624	(08011909)	674048.24	4102918.17	26.64098	(08011909)
674046.01	4102942.68	26.57609	(08011909)	674043.79	4102967.20	26.52050	(08011909)
674041.56	4102991.72	26.47044	(08011909)	674039.33	4103016.24	26.42525	(04011309)
673141.87	4100286.17	28.60489	(05031208)	673119.53	4100275.47	28.65240	(05031208)
673097.20	4100264.77	28.43669	(05031208)	673074.87	4100254.07	27.95315	(05031208)
673052.53	4100243.37	27.21646	(05031208)	673030.20	4100232.66	26.23735	(05031208)
673007.86	4100221.96	25.04659	(05031208)	672985.53	4100211.26	23.66846	(05031208)
672963.20	4100200.56	22.14130	(05031208)	672940.86	4100189.86	20.49941	(05031208)
672918.53	4100179.16	18.78368	(05031208)	672896.20	4100168.46	17.03033	(05031208)
672873.86	4100157.76	15.27767	(05031208)	672851.53	4100147.05	13.56008	(05031208)
672829.19	4100136.35	11.90687	(05031208)	672806.86	4100125.65	11.16547	(05031209)
672784.53	4100114.95	11.23460	(05031209)	672762.19	4100104.25	11.26997	(05031209)
672739.86	4100093.55	14.23575	(06032208)	672717.53	4100082.85	14.38386	(06032208)
672695.19	4100072.14	15.05053	(04022201)	672672.86	4100061.44	18.15645	(04021506)
672650.53	4100050.74	23.18646	(04021506)	672628.19	4100040.04	26.15621	(04121303)
672605.86	4100029.34	28.51657	(05020408)	672583.52	4100018.64	30.19225	(05020408)
672561.19	4100007.94	31.07515	(05020408)	672538.86	4099997.24	31.44100	(05020408)
672516.52	4099986.53	31.22602	(05020408)	672494.19	4099975.83	30.79808	(07011517)
672471.86	4099965.13	33.24672	(07011517)	671221.45	4104044.00	81.87205	(05011917)
670630.54	4103839.27	104.88922	(05030308)	671607.63	4101768.77	57.98372	(05021803)
672277.64	4102089.81	106.71185	(07012717)				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671585.02	4101758.10	37.51844	(06020206)	671574.40	4101780.61	38.12642	(06020206)
671563.78	4101803.11	38.49047	(06020206)	671553.16	4101825.62	38.66911	(06020206)
671542.54	4101848.12	38.72650	(06020206)	671531.92	4101870.63	38.71851	(06020206)
671521.30	4101893.13	38.68894	(06020206)	671510.68	4101915.64	38.65277	(06020206)
671500.06	4101938.14	38.61761	(06020206)	671489.44	4101960.65	38.58115	(06020206)
671478.82	4101983.15	38.54569	(06020206)	671468.20	4102005.66	38.50977	(06020206)
671457.57	4102028.17	38.47394	(06020206)	671446.95	4102050.67	38.43795	(06020206)
671436.33	4102073.18	38.40177	(06020206)	671425.71	4102095.68	38.36507	(06020206)
671415.09	4102118.19	38.32918	(06020206)	671404.47	4102140.69	38.29354	(06020206)
671393.85	4102163.20	38.25608	(06020206)	671383.23	4102185.70	38.21939	(06020206)
671372.61	4102208.21	38.18249	(06020206)	671361.99	4102230.71	38.14597	(06020206)
671351.37	4102253.22	38.10972	(06020206)	671340.75	4102275.73	38.07130	(06020206)
671330.13	4102298.23	38.03462	(06020206)	671319.51	4102320.74	37.99691	(06020206)
671308.89	4102343.24	37.95920	(06020206)	671298.27	4102365.75	37.91883	(06020206)
671287.65	4102388.25	37.87967	(06020206)	671277.03	4102410.76	37.83995	(06020206)
671266.40	4102433.26	37.79784	(06020206)	671255.78	4102455.77	37.75613	(06020206)
671245.16	4102478.27	37.71104	(06020206)	671234.54	4102500.78	37.66590	(06020206)
671223.92	4102523.29	37.61779	(06020206)	671213.30	4102545.79	37.56547	(06020206)
671202.68	4102568.30	37.50895	(06020206)	671192.06	4102590.80	37.44935	(06020206)
671181.44	4102613.31	37.38510	(06020206)	671170.82	4102635.81	37.31148	(06020206)
671160.20	4102658.32	37.23207	(06020206)	671149.58	4102680.82	37.14085	(06020206)
671138.96	4102703.33	37.03747	(06020206)	671128.34	4102725.83	36.91869	(06020206)
671117.72	4102748.34	36.78303	(06020206)	671107.10	4102770.85	36.62225	(06020206)
671096.48	4102793.35	36.43452	(06020206)	671085.86	4102815.86	36.21433	(06020206)
671075.23	4102838.36	35.95434	(06020206)	671064.61	4102860.87	36.14192	(05123003)
671053.99	4102883.37	36.69798	(05123003)	671043.37	4102905.88	37.23808	(05123003)
671032.75	4102928.38	37.75848	(05123003)	671022.13	4102950.89	38.26761	(05123003)
671011.51	4102973.39	38.74741	(05123003)	671000.89	4102995.90	39.22251	(05123003)
670990.27	4103018.40	39.67944	(05123003)	670979.65	4103040.91	40.12240	(05123003)
670969.03	4103063.42	40.55296	(05123003)	670958.41	4103085.92	40.96469	(05123003)
670947.79	4103108.43	41.36549	(05123003)	670937.17	4103130.93	41.74638	(05123003)
670926.55	4103153.44	42.11879	(05123003)	670915.93	4103175.94	42.46980	(05123003)
670905.31	4103198.45	42.81132	(05123003)	670894.69	4103220.95	43.13770	(05123003)
670884.07	4103243.46	43.44716	(05123003)	670873.44	4103265.96	43.74553	(05123003)
670862.82	4103288.47	44.02771	(05123003)	670852.20	4103310.98	44.29902	(05123003)
670841.58	4103333.48	44.55364	(05123003)	670830.96	4103355.99	44.79892	(05123003)
670820.34	4103378.49	45.03114	(05123003)	670809.72	4103401.00	45.24921	(05123003)
670799.10	4103423.50	45.45776	(05123003)	670788.48	4103446.01	45.65433	(05123003)
670777.86	4103468.51	45.84002	(05123003)	670767.24	4103491.02	46.01548	(05123003)
670756.62	4103513.52	46.17873	(05123003)	670746.00	4103536.03	46.33515	(05123003)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670735.38	4103558.54	46.47860	(05123003)	670724.76	4103581.04	46.61627	(05123003)
670714.14	4103603.55	46.74287	(05123003)	670703.52	4103626.05	46.86253	(05123003)
670692.90	4103648.56	46.97262	(05123003)	670682.27	4103671.06	47.07791	(05123003)
670671.65	4103693.57	47.17422	(05123003)	670661.03	4103716.07	47.25604	(05123003)
670650.41	4103738.58	47.33719	(05123003)	670639.79	4103761.08	47.39686	(05123003)
670629.17	4103783.59	47.41244	(05123003)	670618.55	4103806.10	47.34471	(05123003)
670607.93	4103828.60	47.14628	(05123003)	671576.65	4101734.54	37.19879	(06020206)
671610.06	4101722.67	35.56063	(06020206)	671551.79	4101769.94	38.15557	(06020206)
671541.17	4101792.44	38.39501	(06020206)	671530.55	4101814.95	38.49690	(06020206)
671519.93	4101837.45	38.51791	(06020206)	671509.31	4101859.96	38.49983	(06020206)
671498.69	4101882.46	38.46872	(06020206)	671488.07	4101904.97	38.43382	(06020206)
671477.45	4101927.47	38.39794	(06020206)	671466.83	4101949.98	38.36319	(06020206)
671456.21	4101972.49	38.32844	(06020206)	671445.59	4101994.99	38.29276	(06020206)
671434.97	4102017.50	38.25727	(06020206)	671424.35	4102040.00	38.22253	(06020206)
671413.72	4102062.51	38.18717	(06020206)	671403.10	4102085.01	38.15082	(06020206)
671392.48	4102107.52	38.11569	(06020206)	671381.86	4102130.02	38.07922	(06020206)
671371.24	4102152.53	38.04318	(06020206)	671360.62	4102175.03	38.00785	(06020206)
671350.00	4102197.54	37.97125	(06020206)	671339.38	4102220.05	37.93585	(06020206)
671328.76	4102242.55	37.89918	(06020206)	671318.14	4102265.06	37.86087	(06020206)
671307.52	4102287.56	37.82398	(06020206)	671296.90	4102310.07	37.78558	(06020206)
671286.28	4102332.57	37.74724	(06020206)	671275.66	4102355.08	37.70765	(06020206)
671265.04	4102377.58	37.66693	(06020206)	671254.42	4102400.09	37.62467	(06020206)
671243.80	4102422.59	37.58251	(06020206)	671233.18	4102445.10	37.53677	(06020206)
671222.55	4102467.61	37.48660	(06020206)	671211.93	4102490.11	37.43712	(06020206)
671201.31	4102512.62	37.38187	(06020206)	671190.69	4102535.12	37.32280	(06020206)
671180.07	4102557.63	37.25989	(06020206)	671169.45	4102580.13	37.18779	(06020206)
671158.83	4102602.64	37.11136	(06020206)	671148.21	4102625.14	37.02280	(06020206)
671137.59	4102647.65	36.92344	(06020206)	671126.97	4102670.15	36.80984	(06020206)
671116.35	4102692.66	36.67952	(06020206)	671105.73	4102715.16	36.52701	(06020206)
671095.11	4102737.67	36.35101	(06020206)	671084.49	4102760.18	36.14417	(06020206)
671073.87	4102782.68	35.90269	(06020206)	671063.25	4102805.19	35.62058	(06020206)
671052.63	4102827.69	35.29028	(06020206)	671042.01	4102850.20	34.96941	(06010509)
671031.38	4102872.70	34.91285	(06010509)	671020.76	4102895.21	35.31533	(05122403)
671010.14	4102917.71	35.83254	(05122403)	670999.52	4102940.22	36.31623	(05122403)
670988.90	4102962.72	36.78536	(05123003)	670978.28	4102985.23	37.26824	(05123003)
670967.66	4103007.74	37.73228	(05123003)	670957.04	4103030.24	38.18673	(05123003)
670946.42	4103052.75	38.61728	(05123003)	670935.80	4103075.25	39.04579	(05123003)
670925.18	4103097.76	39.45907	(05123003)	670914.56	4103120.26	39.85910	(05123003)
670903.94	4103142.77	40.24772	(05123003)	670893.32	4103165.27	40.62018	(05123003)
670882.70	4103187.78	40.98171	(05123003)	670872.08	4103210.28	41.33161	(05123003)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670861.46	4103232.79	41.66459	(05123003)	670850.84	4103255.30	41.98918	(05123003)
670840.22	4103277.80	42.29870	(05123003)	670829.59	4103300.31	42.59114	(05123003)
670818.97	4103322.81	42.87856	(05123003)	670808.35	4103345.32	43.14680	(05123003)
670797.73	4103367.82	43.40601	(05123003)	670787.11	4103390.33	43.65332	(05123003)
670776.49	4103412.83	43.88729	(05123003)	670765.87	4103435.34	44.11241	(05123003)
670755.25	4103457.84	44.32426	(05123003)	670744.63	4103480.35	44.52605	(05123003)
670734.01	4103502.86	44.71855	(05123003)	670723.39	4103525.36	44.89870	(05123003)
670712.77	4103547.87	45.07138	(05123003)	670702.15	4103570.37	45.23095	(05123003)
670691.53	4103592.88	45.38208	(05123003)	670680.91	4103615.38	45.52631	(05123003)
670670.29	4103637.89	45.66223	(05123003)	670659.67	4103660.39	45.78528	(05123003)
670649.05	4103682.90	45.90592	(05123003)	670638.42	4103705.40	46.01869	(05123003)
670627.80	4103727.91	46.11445	(05123003)	670617.18	4103750.41	46.20533	(05123003)
670606.56	4103772.92	46.27321	(05123003)	670595.94	4103795.43	46.29528	(05123003)
670585.32	4103817.93	46.22969	(05123003)	671554.04	4101723.88	37.36485	(06020206)
671601.69	4101699.11	35.22080	(06020206)	671529.18	4101759.27	37.99512	(06020206)
671518.56	4101781.77	38.14672	(06020206)	671507.94	4101804.28	38.19972	(06020206)
671497.32	4101826.78	38.19714	(06020206)	671486.70	4101849.29	38.17178	(06020206)
671476.08	4101871.79	38.13893	(06020206)	671465.46	4101894.30	38.10482	(06020206)
671454.84	4101916.81	38.06998	(06020206)	671444.22	4101939.31	38.03554	(06020206)
671433.60	4101961.82	38.00120	(06020206)	671422.98	4101984.32	37.96669	(06020206)
671412.36	4102006.83	37.93164	(06020206)	671401.74	4102029.33	37.89813	(06020206)
671391.12	4102051.84	37.86206	(06020206)	671380.50	4102074.34	37.82689	(06020206)
671369.87	4102096.85	37.79217	(06020206)	671359.25	4102119.35	37.75737	(06020206)
671348.63	4102141.86	37.72117	(06020206)	671338.01	4102164.37	37.68737	(06020206)
671327.39	4102186.87	37.65051	(06020206)	671316.77	4102209.38	37.61566	(06020206)
671306.15	4102231.88	37.57610	(06020206)	671295.53	4102254.39	37.54025	(06020206)
671284.91	4102276.89	37.50156	(06020206)	671274.29	4102299.40	37.46282	(06020206)
671263.67	4102321.90	37.42362	(06020206)	671253.05	4102344.41	37.38160	(06020206)
671242.43	4102366.91	37.33949	(06020206)	671231.81	4102389.42	37.29454	(06020206)
671221.19	4102411.92	37.24576	(06020206)	671210.57	4102434.43	37.19775	(06020206)
671199.95	4102456.94	37.14295	(06020206)	671189.33	4102479.44	37.08508	(06020206)
671178.70	4102501.95	37.02302	(06020206)	671168.08	4102524.45	36.95328	(06020206)
671157.46	4102546.96	36.87927	(06020206)	671146.84	4102569.46	36.79317	(06020206)
671136.22	4102591.97	36.69761	(06020206)	671125.60	4102614.47	36.58979	(06020206)
671114.98	4102636.98	36.46487	(06020206)	671104.36	4102659.48	36.32050	(06020206)
671093.74	4102681.99	36.15395	(06020206)	671083.12	4102704.50	35.95887	(06020206)
671072.50	4102727.00	35.73479	(06020206)	671061.88	4102749.51	35.47238	(06020206)
671051.26	4102772.01	35.16630	(06020206)	671040.64	4102794.52	35.05617	(06010509)
671030.02	4102817.02	35.00285	(06010509)	671019.40	4102839.53	34.94239	(06010509)
671008.78	4102862.03	34.87119	(06010509)	670998.16	4102884.54	34.78489	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670987.53	4102907.04	34.67688	(06010509)	670976.91	4102929.55	34.71196	(05122403)
670966.29	4102952.06	35.21358	(05122403)	670955.67	4102974.56	35.68283	(05122403)
670945.05	4102997.07	36.12454	(05122403)	670934.43	4103019.57	36.53517	(05122403)
670923.81	4103042.08	36.92180	(05122403)	670913.19	4103064.58	37.27873	(05122403)
670902.57	4103087.09	37.61409	(05122403)	670891.95	4103109.59	37.96533	(05123003)
670881.33	4103132.10	38.36147	(05123003)	670870.71	4103154.60	38.74875	(05123003)
670860.09	4103177.11	39.12535	(05123003)	670849.47	4103199.62	39.48874	(05123003)
670838.85	4103222.12	39.84107	(05123003)	670828.23	4103244.63	40.18227	(05123003)
670817.61	4103267.13	40.50970	(05123003)	670806.99	4103289.64	40.82778	(05123003)
670796.37	4103312.14	41.13496	(05123003)	670785.74	4103334.65	41.42787	(05123003)
670775.12	4103357.15	41.70779	(05123003)	670764.50	4103379.66	41.98314	(05123003)
670753.88	4103402.16	42.23894	(05123003)	670743.26	4103424.67	42.48639	(05123003)
670732.64	4103447.17	42.72675	(05123003)	670722.02	4103469.68	42.95016	(05123003)
670711.40	4103492.19	43.16722	(05123003)	670700.78	4103514.69	43.37384	(05123003)
670690.16	4103537.20	43.56776	(05123003)	670679.54	4103559.70	43.75382	(05123003)
670668.92	4103582.21	43.92994	(05123003)	670658.30	4103604.71	44.09771	(05123003)
670647.68	4103627.22	44.25436	(05123003)	670637.06	4103649.72	44.40381	(05123003)
670626.44	4103672.23	44.54624	(05123003)	670615.82	4103694.73	44.67794	(05123003)
670605.20	4103717.24	44.80002	(05123003)	670594.57	4103739.75	44.91067	(05123003)
670583.95	4103762.25	45.01417	(05123003)	670573.33	4103784.76	45.08602	(05123003)
670562.71	4103807.26	45.10769	(05123003)	671531.43	4101713.21	37.31784	(06020206)
671559.90	4101687.43	36.40630	(06020206)	671593.31	4101675.56	34.83683	(06020206)
671631.67	4101677.58	33.77888	(07042003)	671506.57	4101748.60	37.70420	(06020206)
671495.95	4101771.10	37.79297	(06020206)	671485.33	4101793.61	37.81339	(06020206)
671474.71	4101816.11	37.79736	(06020206)	671464.09	4101838.62	37.76869	(06020206)
671453.47	4101861.13	37.73566	(06020206)	671442.85	4101883.63	37.70157	(06020206)
671432.23	4101906.14	37.66821	(06020206)	671421.61	4101928.64	37.63338	(06020206)
671410.99	4101951.15	37.60114	(06020206)	671400.37	4101973.65	37.56523	(06020206)
671389.75	4101996.16	37.53107	(06020206)	671379.13	4102018.66	37.49832	(06020206)
671368.51	4102041.17	37.46445	(06020206)	671357.89	4102063.67	37.42912	(06020206)
671347.27	4102086.18	37.39566	(06020206)	671336.65	4102108.68	37.35877	(06020206)
671326.02	4102131.19	37.32560	(06020206)	671315.40	4102153.70	37.28851	(06020206)
671304.78	4102176.20	37.25240	(06020206)	671294.16	4102198.71	37.21645	(06020206)
671283.54	4102221.21	37.17913	(06020206)	671272.92	4102243.72	37.13953	(06020206)
671262.30	4102266.22	37.10071	(06020206)	671251.68	4102288.73	37.06148	(06020206)
671241.06	4102311.23	37.01730	(06020206)	671230.44	4102333.74	36.97234	(06020206)
671219.82	4102356.24	36.92623	(06020206)	671209.20	4102378.75	36.87707	(06020206)
671198.58	4102401.26	36.82411	(06020206)	671187.96	4102423.76	36.76857	(06020206)
671177.34	4102446.27	36.70626	(06020206)	671166.72	4102468.77	36.64021	(06020206)
671156.10	4102491.28	36.56714	(06020206)	671145.48	4102513.78	36.48439	(06020206)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671134.85	4102536.29	36.39219	(06020206)	671124.23	4102558.79	36.28734	(06020206)
671113.61	4102581.30	36.16775	(06020206)	671102.99	4102603.80	36.03113	(06020206)
671092.37	4102626.31	35.87258	(06020206)	671081.75	4102648.82	35.69005	(06020206)
671071.13	4102671.32	35.48031	(06020206)	671060.51	4102693.83	35.23421	(06020206)
671049.89	4102716.33	35.11593	(06010509)	671039.27	4102738.84	35.07086	(06010509)
671028.65	4102761.34	35.02274	(06010509)	671018.03	4102783.85	34.96853	(06010509)
671007.41	4102806.35	34.90420	(06010509)	670996.79	4102828.86	34.82810	(06010509)
670986.17	4102851.36	34.73592	(06010509)	670975.55	4102873.87	34.61940	(06010509)
670964.93	4102896.38	34.47361	(06010509)	670954.31	4102918.88	34.28465	(06010509)
670943.68	4102941.39	34.04237	(06010509)	670933.06	4102963.89	34.07702	(05122403)
670922.44	4102986.40	34.56092	(05122403)	670911.82	4103008.90	35.01583	(05122403)
670901.20	4103031.41	35.44306	(05122403)	670890.58	4103053.91	35.84490	(05122403)
670879.96	4103076.42	36.22387	(05122403)	670869.34	4103098.92	36.57328	(05122403)
670858.72	4103121.43	36.90536	(05122403)	670848.10	4103143.93	37.21050	(05122403)
670837.48	4103166.44	37.49961	(05122403)	670826.86	4103188.95	37.76359	(05122403)
670816.24	4103211.45	38.01182	(05122403)	670805.62	4103233.96	38.36356	(05123003)
670795.00	4103256.46	38.70579	(05123003)	670784.38	4103278.97	39.03927	(05123003)
670773.76	4103301.47	39.36043	(05123003)	670763.14	4103323.98	39.67084	(05123003)
670752.52	4103346.48	39.97265	(05123003)	670741.89	4103368.99	40.26332	(05123003)
670731.27	4103391.49	40.53962	(05123003)	670720.65	4103414.00	40.81221	(05123003)
670710.03	4103436.51	41.07026	(05123003)	670699.41	4103459.01	41.31679	(05123003)
670688.79	4103481.52	41.55692	(05123003)	670678.17	4103504.02	41.78512	(05123003)
670667.55	4103526.53	41.99877	(05123003)	670656.93	4103549.03	42.21008	(05123003)
670646.31	4103571.54	42.40985	(05123003)	670635.69	4103594.04	42.59594	(05123003)
670625.07	4103616.55	42.77999	(05123003)	670614.45	4103639.05	42.95132	(05123003)
670603.83	4103661.56	43.11190	(05123003)	670593.21	4103684.07	43.26610	(05123003)
670582.59	4103706.57	43.41533	(05123003)	670571.97	4103729.08	43.55084	(05123003)
670561.35	4103751.58	43.67315	(05123003)	670550.72	4103774.09	43.78320	(05123003)
670540.10	4103796.59	43.86595	(05123003)	671489.06	4101689.29	36.78942	(06020206)
671506.14	4101673.83	36.62740	(06020206)	671523.23	4101658.36	36.25413	(06020206)
671540.31	4101642.90	35.62573	(06020206)	671580.40	4101628.65	33.80694	(06020206)
671603.41	4101629.86	32.52780	(06020206)	671626.43	4101631.07	32.22855	(08111509)
671649.44	4101632.28	33.96987	(07042003)	671471.98	4101704.75	36.79501	(06020206)
671461.36	4101727.26	36.86803	(06020206)	671450.74	4101749.76	36.88506	(06020206)
671440.11	4101772.27	36.87124	(06020206)	671429.49	4101794.78	36.84717	(06020206)
671418.87	4101817.28	36.81365	(06020206)	671408.25	4101839.79	36.77987	(06020206)
671397.63	4101862.29	36.74819	(06020206)	671387.01	4101884.80	36.71552	(06020206)
671376.39	4101907.30	36.68230	(06020206)	671365.77	4101929.81	36.64959	(06020206)
671355.15	4101952.31	36.61615	(06020206)	671344.53	4101974.82	36.58155	(06020206)
671333.91	4101997.32	36.54949	(06020206)	671323.29	4102019.83	36.51323	(06020206)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671312.67	4102042.34	36.48012	(06020206)	671302.05	4102064.84	36.44500	(06020206)
671291.43	4102087.35	36.40981	(06020206)	671280.81	4102109.85	36.37272	(06020206)
671270.19	4102132.36	36.33570	(06020206)	671259.57	4102154.86	36.29772	(06020206)
671248.94	4102177.37	36.25753	(06020206)	671238.32	4102199.87	36.21686	(06020206)
671227.70	4102222.38	36.17243	(06020206)	671217.08	4102244.88	36.12866	(06020206)
671206.46	4102267.39	36.07971	(06020206)	671195.84	4102289.89	36.03007	(06020206)
671185.22	4102312.40	35.97492	(06020206)	671174.60	4102334.91	35.91861	(06020206)
671163.98	4102357.41	35.85359	(06020206)	671153.36	4102379.92	35.78495	(06020206)
671142.74	4102402.42	35.70801	(06020206)	671132.12	4102424.93	35.62054	(06020206)
671121.50	4102447.43	35.52476	(06020206)	671110.88	4102469.94	35.41574	(06020206)
671100.26	4102492.44	35.28988	(06020206)	671089.64	4102514.95	35.14975	(06020206)
671079.02	4102537.45	35.10548	(06010509)	671068.40	4102559.96	35.06837	(06010509)
671057.78	4102582.47	35.03045	(06010509)	671047.15	4102604.97	34.99082	(06010509)
671036.53	4102627.48	34.94975	(06010509)	671025.91	4102649.98	34.90591	(06010509)
671015.29	4102672.49	34.85893	(06010509)	671004.67	4102694.99	34.80706	(06010509)
670994.05	4102717.50	34.74575	(06010509)	670983.43	4102740.00	34.67382	(06010509)
670972.81	4102762.51	34.59000	(06010509)	670962.19	4102785.01	34.48533	(06010509)
670951.57	4102807.52	34.35307	(06010509)	670940.95	4102830.03	34.18847	(06010509)
670930.33	4102852.53	33.97931	(06010509)	670919.71	4102875.04	33.71707	(06010509)
670909.09	4102897.54	33.38074	(06010509)	670898.47	4102920.05	32.96052	(06010509)
670887.85	4102942.55	32.43573	(06010509)	670877.23	4102965.06	31.78701	(06010509)
670866.61	4102987.56	31.78904	(05122403)	670855.98	4103010.07	32.28770	(05122403)
670845.36	4103032.57	32.76257	(05122403)	670834.74	4103055.08	33.21291	(05122403)
670824.12	4103077.59	33.63681	(05122403)	670813.50	4103100.09	34.03979	(05122403)
670802.88	4103122.60	34.42370	(05122403)	670792.26	4103145.10	34.77947	(05122403)
670781.64	4103167.61	35.12107	(05122403)	670771.02	4103190.11	35.43531	(05122403)
670760.40	4103212.62	35.73874	(05122403)	670749.78	4103235.12	36.01547	(05122403)
670739.16	4103257.63	36.28084	(05122403)	670728.54	4103280.13	36.52349	(05122403)
670717.92	4103302.64	36.75454	(05122403)	670707.30	4103325.14	36.96657	(05122403)
670696.68	4103347.65	37.16371	(05122403)	670686.06	4103370.16	37.34849	(05122403)
670675.44	4103392.66	37.50724	(05122403)	670664.82	4103415.17	37.72867	(05123003)
670654.19	4103437.67	38.00626	(05123003)	670643.57	4103460.18	38.28120	(05123003)
670632.95	4103482.68	38.54281	(05123003)	670622.33	4103505.19	38.79459	(05123003)
670611.71	4103527.69	39.04300	(05123003)	670601.09	4103550.20	39.27799	(05123003)
670590.47	4103572.70	39.50413	(05123003)	670579.85	4103595.21	39.72356	(05123003)
670569.23	4103617.72	39.93619	(05123003)	670558.61	4103640.22	40.13780	(05123003)
670547.99	4103662.73	40.33168	(05123003)	670537.37	4103685.23	40.51918	(05123003)
670526.75	4103707.74	40.69571	(05123003)	670516.13	4103730.24	40.86534	(05123003)
670505.51	4103752.75	41.02023	(05123003)	670494.89	4103775.25	41.16463	(05123003)
671443.03	4101668.69	35.95995	(06020206)	671475.57	4101639.23	35.91456	(06020206)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671508.11	4101609.78	35.25551	(06020206)	671562.56	4101581.48	32.95111	(06020206)
671606.39	4101583.79	30.75579	(08111509)	671650.22	4101586.10	32.42477	(07042003)
671416.14	4101705.92	35.85673	(06020206)	671405.52	4101728.43	35.84480	(06020206)
671394.90	4101750.93	35.82001	(06020206)	671384.28	4101773.44	35.80442	(06010509)
671373.66	4101795.94	35.78723	(06010509)	671363.04	4101818.45	35.75880	(06010509)
671352.41	4101840.95	35.72611	(06010509)	671341.79	4101863.46	35.69339	(06010509)
671331.17	4101885.96	35.65967	(06010509)	671320.55	4101908.47	35.62583	(06010509)
671309.93	4101930.97	35.59213	(06010509)	671299.31	4101953.48	35.55909	(06010509)
671288.69	4101975.99	35.52512	(06010509)	671278.07	4101998.49	35.49132	(06010509)
671267.45	4102021.00	35.45760	(06010509)	671256.83	4102043.50	35.42360	(06010509)
671246.21	4102066.01	35.39030	(06010509)	671235.59	4102088.51	35.35680	(06010509)
671224.97	4102111.02	35.32282	(06010509)	671214.35	4102133.52	35.28929	(06010509)
671203.73	4102156.03	35.25544	(06010509)	671193.11	4102178.53	35.22158	(06010509)
671182.49	4102201.04	35.18784	(06010509)	671171.87	4102223.55	35.15459	(06010509)
671161.24	4102246.05	35.12061	(06010509)	671150.62	4102268.56	35.08717	(06010509)
671140.00	4102291.06	35.05248	(06010509)	671129.38	4102313.57	35.01816	(06010509)
671118.76	4102336.07	34.98384	(06010509)	671108.14	4102358.58	34.95052	(06010509)
671097.52	4102381.08	34.91506	(06010509)	671086.90	4102403.59	34.88152	(06010509)
671076.28	4102426.09	34.84561	(06010509)	671065.66	4102448.60	34.80984	(06010509)
671055.04	4102471.11	34.77399	(06010509)	671044.42	4102493.61	34.73621	(06010509)
671033.80	4102516.12	34.69770	(06010509)	671023.18	4102538.62	34.65780	(06010509)
671012.56	4102561.13	34.61524	(06010509)	671001.94	4102583.63	34.56947	(06010509)
670991.32	4102606.14	34.51936	(06010509)	670980.70	4102628.64	34.46036	(06010509)
670970.08	4102651.15	34.39412	(06010509)	670959.45	4102673.65	34.31499	(06010509)
670948.83	4102696.16	34.21684	(06010509)	670938.21	4102718.66	34.10078	(06010509)
670927.59	4102741.17	33.95501	(06010509)	670916.97	4102763.68	33.77258	(06010509)
670906.35	4102786.18	33.54483	(06010509)	670895.73	4102808.69	33.25918	(06010509)
670885.11	4102831.19	32.90510	(06010509)	670874.49	4102853.70	32.46298	(06010509)
670863.87	4102876.20	31.92306	(06010509)	670853.25	4102898.71	31.26417	(06010509)
670842.63	4102921.21	30.47587	(06010509)	670832.01	4102943.72	29.53966	(06010509)
670821.39	4102966.22	28.50635	(05122403)	670810.77	4102988.73	29.04859	(05122403)
670800.15	4103011.24	29.57200	(05122403)	670789.53	4103033.74	30.07198	(05122403)
670778.91	4103056.25	30.55150	(05122403)	670768.28	4103078.75	31.00805	(05122403)
670757.66	4103101.26	31.44749	(05122403)	670747.04	4103123.76	31.86668	(05122403)
670736.42	4103146.27	32.26224	(05122403)	670725.80	4103168.77	32.64392	(05122403)
670715.18	4103191.28	33.00073	(05122403)	670704.56	4103213.78	33.34433	(05122403)
670693.94	4103236.29	33.66628	(05122403)	670683.32	4103258.80	33.97336	(05122403)
670672.70	4103281.30	34.26126	(05122403)	670662.08	4103303.81	34.53422	(05122403)
670651.46	4103326.31	34.78973	(05122403)	670640.84	4103348.82	35.03290	(05122403)
670630.22	4103371.32	35.25689	(05122403)	670619.60	4103393.83	35.47273	(05122403)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670608.98	4103416.33	35.66818	(05122403)	670598.36	4103438.84	35.85324	(05122403)
670587.74	4103461.34	36.02593	(05122403)	670577.12	4103483.85	36.18974	(05122403)
670566.49	4103506.36	36.33411	(05122403)	670555.87	4103528.86	36.47177	(05122403)
670545.25	4103551.37	36.59171	(05122403)	670534.63	4103573.87	36.68916	(05122403)
670524.01	4103596.38	36.87761	(05123003)	670513.39	4103618.88	37.10931	(05123003)
670502.77	4103641.39	37.33555	(05123003)	670492.15	4103663.89	37.54992	(05123003)
670481.53	4103686.40	37.75915	(05123003)	670470.91	4103708.90	37.96326	(05123003)
670460.29	4103731.41	38.15869	(05123003)	670449.67	4103753.91	38.34803	(05123003)
671399.34	4101645.97	34.97325	(06020206)	671417.13	4101629.86	35.10749	(06020206)
671434.93	4101613.75	35.15386	(06020206)	671452.72	4101597.64	35.07395	(06020206)
671470.52	4101581.53	34.82641	(06020206)	671488.31	4101565.43	34.37495	(06020206)
671506.11	4101549.32	33.69104	(06020206)	671547.87	4101534.47	31.94034	(06020206)
671571.84	4101535.73	30.80852	(06020206)	671595.81	4101537.00	29.49953	(08111509)
671619.78	4101538.26	29.97176	(08111509)	671643.75	4101539.53	30.30666	(08111509)
671667.72	4101540.79	32.57224	(07042003)	671691.69	4101542.05	34.88675	(07042003)
671381.54	4101662.08	35.09844	(06010509)	671370.92	4101684.58	35.25515	(06010509)
671360.30	4101707.09	35.32512	(06010509)	671349.68	4101729.59	35.34338	(06010509)
671339.06	4101752.10	35.33205	(06010509)	671328.44	4101774.60	35.30733	(06010509)
671317.82	4101797.11	35.27673	(06010509)	671307.20	4101819.61	35.24399	(06010509)
671296.58	4101842.12	35.21092	(06010509)	671285.96	4101864.63	35.17804	(06010509)
671275.34	4101887.13	35.14492	(06010509)	671264.71	4101909.64	35.11157	(06010509)
671254.09	4101932.14	35.07869	(06010509)	671243.47	4101954.65	35.04530	(06010509)
671232.85	4101977.15	35.01215	(06010509)	671222.23	4101999.66	34.97925	(06010509)
671211.61	4102022.16	34.94650	(06010509)	671200.99	4102044.67	34.91323	(06010509)
671190.37	4102067.17	34.87991	(06010509)	671179.75	4102089.68	34.84712	(06010509)
671169.13	4102112.18	34.81347	(06010509)	671158.51	4102134.69	34.78050	(06010509)
671147.89	4102157.20	34.74742	(06010509)	671137.27	4102179.70	34.71352	(06010509)
671126.65	4102202.21	34.68095	(06010509)	671116.03	4102224.71	34.64688	(06010509)
671105.41	4102247.22	34.61337	(06010509)	671094.79	4102269.72	34.57892	(06010509)
671084.17	4102292.23	34.54507	(06010509)	671073.54	4102314.73	34.51175	(06010509)
671062.92	4102337.24	34.47797	(06010509)	671052.30	4102359.74	34.44271	(06010509)
671041.68	4102382.25	34.40705	(06010509)	671031.06	4102404.76	34.36900	(06010509)
671020.44	4102427.26	34.33121	(06010509)	671009.82	4102449.77	34.29273	(06010509)
670999.20	4102472.27	34.25073	(06010509)	670988.58	4102494.78	34.20631	(06010509)
670977.96	4102517.28	34.15727	(06010509)	670967.34	4102539.79	34.10052	(06010509)
670956.72	4102562.29	34.03883	(06010509)	670946.10	4102584.80	33.96407	(06010509)
670935.48	4102607.30	33.87688	(06010509)	670924.86	4102629.81	33.77009	(06010509)
670914.24	4102652.32	33.63931	(06010509)	670903.62	4102674.82	33.47847	(06010509)
670893.00	4102697.33	33.27871	(06010509)	670882.38	4102719.83	33.03178	(06010509)
670871.75	4102742.34	32.72700	(06010509)	670861.13	4102764.84	32.35348	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670850.51	4102787.35	31.89709	(06010509)	670839.89	4102809.85	31.34392	(06010509)
670829.27	4102832.36	30.68162	(06010509)	670818.65	4102854.86	29.89803	(06010509)
670808.03	4102877.37	28.97927	(06010509)	670797.41	4102899.88	27.91519	(06010509)
670786.79	4102922.38	26.70531	(06010509)	670776.17	4102944.89	25.70742	(05020406)
670765.55	4102967.39	25.90051	(05122403)	670754.93	4102989.90	26.44849	(05122403)
670744.31	4103012.40	26.97701	(05122403)	670733.69	4103034.91	27.48633	(05122403)
670723.07	4103057.41	27.97820	(05122403)	670712.45	4103079.92	28.45339	(05122403)
670701.83	4103102.42	28.90992	(05122403)	670691.21	4103124.93	29.34953	(05122403)
670680.58	4103147.43	29.76984	(05122403)	670669.96	4103169.94	30.17412	(05122403)
670659.34	4103192.45	30.56543	(05122403)	670648.72	4103214.95	30.93391	(05122403)
670638.10	4103237.46	31.29215	(05122403)	670627.48	4103259.96	31.62888	(05122403)
670616.86	4103282.47	31.95552	(05122403)	670606.24	4103304.97	32.26124	(05122403)
670595.62	4103327.48	32.55276	(05122403)	670585.00	4103349.98	32.83194	(05122403)
670574.38	4103372.49	33.09548	(05122403)	670563.76	4103394.99	33.34415	(05122403)
670553.14	4103417.50	33.57968	(05122403)	670542.52	4103440.01	33.80364	(05122403)
670531.90	4103462.51	34.01013	(05122403)	670521.28	4103485.02	34.21223	(05122403)
670510.66	4103507.52	34.39312	(05122403)	670500.04	4103530.03	34.56288	(05122403)
670489.41	4103552.53	34.71223	(05122403)	670478.79	4103575.04	34.83255	(05122403)
670468.17	4103597.54	34.89518	(05122403)	670457.55	4103620.05	34.87555	(05122403)
670446.93	4103642.55	34.72878	(05122403)	670436.31	4103665.06	34.86449	(05123003)
670425.69	4103687.57	35.08700	(05123003)	670415.07	4103710.07	35.30414	(05123003)
670404.45	4103732.58	35.51829	(05123003)	671323.43	4101610.89	34.45072	(06010509)
671340.69	4101595.27	34.34231	(06010509)	671357.94	4101579.65	34.09998	(06010509)
671375.20	4101564.03	33.69509	(06020206)	671392.46	4101548.41	33.74990	(06020206)
671409.71	4101532.79	33.70301	(06020206)	671426.97	4101517.17	33.52874	(06020206)
671444.22	4101501.55	33.20309	(06020206)	671461.48	4101485.93	32.70694	(06020206)
671478.73	4101470.31	32.02822	(06020206)	671519.23	4101455.91	30.44746	(06020206)
671542.48	4101457.14	29.50066	(06020206)	671565.72	4101458.36	28.31019	(06020206)
671588.96	4101459.59	27.74064	(08111509)	671612.21	4101460.81	28.17481	(08111509)
671635.45	4101462.04	28.48451	(08111509)	671658.69	4101463.26	29.25811	(07042003)
671681.94	4101464.49	31.36880	(07042003)	671705.18	4101465.71	33.45637	(07042003)
671728.42	4101466.94	35.48042	(07042003)	671306.18	4101626.51	34.46358	(06010509)
671295.56	4101649.02	34.50697	(06010509)	671284.94	4101671.52	34.51278	(06010509)
671274.32	4101694.03	34.49771	(06010509)	671263.70	4101716.53	34.47321	(06010509)
671253.07	4101739.04	34.44342	(06010509)	671242.45	4101761.54	34.41201	(06010509)
671231.83	4101784.05	34.37993	(06010509)	671221.21	4101806.55	34.34740	(06010509)
671210.59	4101829.06	34.31520	(06010509)	671199.97	4101851.57	34.28301	(06010509)
671189.35	4101874.07	34.25079	(06010509)	671178.73	4101896.58	34.21855	(06010509)
671168.11	4101919.08	34.18634	(06010509)	671157.49	4101941.59	34.15395	(06010509)
671146.87	4101964.09	34.12164	(06010509)	671136.25	4101986.60	34.08939	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671125.63	4102009.10	34.05639	(06010509)	671115.01	4102031.61	34.02427	(06010509)
671104.39	4102054.11	33.99159	(06010509)	671093.77	4102076.62	33.95838	(06010509)
671083.15	4102099.13	33.92559	(06010509)	671072.53	4102121.63	33.89203	(06010509)
671061.90	4102144.14	33.85961	(06010509)	671051.28	4102166.64	33.82541	(06010509)
671040.66	4102189.15	33.79198	(06010509)	671030.04	4102211.65	33.75913	(06010509)
671019.42	4102234.16	33.72401	(06010509)	671008.80	4102256.66	33.68844	(06010509)
670998.18	4102279.17	33.64995	(06010509)	670987.56	4102301.67	33.61264	(06010509)
670976.94	4102324.18	33.57259	(06010509)	670966.32	4102346.69	33.53055	(06010509)
670955.70	4102369.19	33.48336	(06010509)	670945.08	4102391.70	33.43021	(06010509)
670934.46	4102414.20	33.37401	(06010509)	670923.84	4102436.71	33.30611	(06010509)
670913.22	4102459.21	33.22809	(06010509)	670902.60	4102481.72	33.13580	(06010509)
670891.98	4102504.22	33.02640	(06010509)	670881.36	4102526.73	32.89140	(06010509)
670870.74	4102549.23	32.72756	(06010509)	670860.11	4102571.74	32.53033	(06010509)
670849.49	4102594.25	32.29009	(06010509)	670838.87	4102616.75	31.99693	(06010509)
670828.25	4102639.26	31.64442	(06010509)	670817.63	4102661.76	31.21968	(06010509)
670807.01	4102684.27	30.71324	(06010509)	670796.39	4102706.77	30.11577	(06010509)
670785.77	4102729.28	29.41567	(06010509)	670775.15	4102751.78	28.60657	(06010509)
670764.53	4102774.29	27.67987	(06010509)	670753.91	4102796.79	26.63046	(06010509)
670743.29	4102819.30	25.45838	(06010509)	670732.67	4102841.80	25.18703	(05020406)
670722.05	4102864.31	25.16294	(05020406)	670711.43	4102886.82	25.13871	(05020406)
670700.81	4102909.32	25.11472	(05020406)	670690.19	4102931.83	25.09036	(05020406)
670679.57	4102954.33	25.06522	(05020406)	670668.94	4102976.84	25.03842	(05020406)
670658.32	4102999.34	25.00928	(05020406)	670647.70	4103021.85	24.97588	(05020406)
670637.08	4103044.35	24.93522	(05020406)	670626.46	4103066.86	24.88181	(05020406)
670615.84	4103089.36	24.87046	(06122118)	670605.22	4103111.87	25.14160	(05122403)
670594.60	4103134.38	25.58304	(05122403)	670583.98	4103156.88	26.01231	(05122403)
670573.36	4103179.39	26.42637	(05122403)	670562.74	4103201.89	26.83048	(05122403)
670552.12	4103224.40	27.22069	(05122403)	670541.50	4103246.90	27.59719	(05122403)
670530.88	4103269.41	27.96372	(05122403)	670520.26	4103291.91	28.31257	(05122403)
670509.64	4103314.42	28.65492	(05122403)	670499.02	4103336.92	28.97958	(05122403)
670488.40	4103359.43	29.29653	(05122403)	670477.78	4103381.94	29.59828	(05122403)
670467.15	4103404.44	29.88652	(05122403)	670456.53	4103426.95	30.16719	(05122403)
670445.91	4103449.45	30.43251	(05122403)	670435.29	4103471.96	30.68603	(05122403)
670424.67	4103494.46	30.92828	(05122403)	670414.05	4103516.97	31.15231	(05122403)
670403.43	4103539.47	31.35638	(05122403)	670392.81	4103561.98	31.52892	(05122403)
670382.19	4103584.48	31.65058	(05122403)	670371.57	4103606.99	31.69391	(05122403)
670360.95	4103629.50	31.63270	(05122403)	670350.33	4103652.00	31.44234	(05122403)
670339.71	4103674.51	31.10342	(05122403)	670329.09	4103697.01	31.05523	(05123003)
671249.07	4101574.43	33.74079	(06010509)	671267.32	4101557.90	33.75796	(06010509)
671285.57	4101541.38	33.69971	(06010509)	671303.82	4101524.86	33.52923	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671322.07	4101508.34	33.20771	(06010509)	671340.32	4101491.82	32.69776	(06010509)
671358.57	4101475.30	32.38378	(06020206)	671376.82	4101458.77	32.30321	(06020206)
671395.08	4101442.25	32.08809	(06020206)	671413.33	4101425.73	31.72526	(06020206)
671431.58	4101409.21	31.19635	(06020206)	671449.83	4101392.69	30.50315	(06020206)
671492.66	4101377.46	28.94645	(06020206)	671517.25	4101378.76	28.05046	(06020206)
671541.83	4101380.05	26.93502	(06020206)	671566.42	4101381.35	25.78667	(08111509)
671591.00	4101382.65	26.27484	(08111509)	671615.59	4101383.94	26.65148	(08111509)
671640.17	4101385.24	26.86739	(08111509)	671664.76	4101386.53	27.54394	(07042003)
671689.34	4101387.83	29.64113	(07042003)	671713.92	4101389.12	31.70455	(07042003)
671738.51	4101390.42	33.68829	(07042003)	671763.09	4101391.72	35.50716	(07042003)
671230.81	4101590.95	33.67372	(06010509)	671220.19	4101613.45	33.67102	(06010509)
671209.57	4101635.96	33.65333	(06010509)	671198.95	4101658.46	33.62891	(06010509)
671188.33	4101680.97	33.59957	(06010509)	671177.71	4101703.47	33.56876	(06010509)
671167.09	4101725.98	33.53784	(06010509)	671156.47	4101748.48	33.50663	(06010509)
671145.85	4101770.99	33.47514	(06010509)	671135.23	4101793.50	33.44350	(06010509)
671124.61	4101816.00	33.41183	(06010509)	671113.99	4101838.51	33.37960	(06010509)
671103.37	4101861.01	33.34755	(06010509)	671092.75	4101883.52	33.31511	(06010509)
671082.13	4101906.02	33.28318	(06010509)	671071.51	4101928.53	33.25237	(06010509)
671060.89	4101951.03	33.21917	(06010509)	671050.27	4101973.54	33.18666	(06010509)
671039.64	4101996.04	33.15400	(06010509)	671029.02	4102018.55	33.12282	(06010509)
671018.40	4102041.06	33.08867	(06010509)	671007.78	4102063.56	33.05608	(06010509)
670997.16	4102086.07	33.02172	(06010509)	670986.54	4102108.57	32.98631	(06010509)
670975.92	4102131.08	32.94964	(06010509)	670965.30	4102153.58	32.91379	(06010509)
670954.68	4102176.09	32.87504	(06010509)	670944.06	4102198.59	32.83437	(06010509)
670933.44	4102221.10	32.78836	(06010509)	670922.82	4102243.60	32.74061	(06010509)
670912.20	4102266.11	32.68792	(06010509)	670901.58	4102288.62	32.62584	(06010509)
670890.96	4102311.12	32.55574	(06010509)	670880.34	4102333.63	32.47483	(06010509)
670869.72	4102356.13	32.37786	(06010509)	670859.10	4102378.64	32.26517	(06010509)
670848.47	4102401.14	32.12994	(06010509)	670837.85	4102423.65	31.96639	(06010509)
670827.23	4102446.15	31.77088	(06010509)	670816.61	4102468.66	31.53667	(06010509)
670805.99	4102491.16	31.25481	(06010509)	670795.37	4102513.67	30.92011	(06010509)
670784.75	4102536.18	30.52308	(06010509)	670774.13	4102558.68	30.05529	(06010509)
670763.51	4102581.19	29.51179	(06010509)	670752.89	4102603.69	28.88152	(06010509)
670742.27	4102626.20	28.15651	(06010509)	670731.65	4102648.70	27.33438	(06010509)
670721.03	4102671.21	26.41349	(06010509)	670710.41	4102693.71	25.38568	(06010509)
670699.79	4102716.22	24.54381	(05020406)	670689.17	4102738.72	24.52075	(05020406)
670678.55	4102761.23	24.49774	(05020406)	670667.93	4102783.73	24.47481	(05020406)
670657.30	4102806.24	24.45128	(05020406)	670646.68	4102828.75	24.42799	(05020406)
670636.06	4102851.25	24.40451	(05020406)	670625.44	4102873.76	24.38055	(05020406)
670614.82	4102896.26	24.35511	(05020406)	670604.20	4102918.77	24.32755	(05020406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670593.58	4102941.27	24.29649	(05020406)	670582.96	4102963.78	24.25941	(05020406)
670572.34	4102986.28	24.21239	(05020406)	670561.72	4103008.79	24.15016	(05020406)
670551.10	4103031.29	24.06395	(05020406)	670540.48	4103053.80	23.94420	(05020406)
670529.86	4103076.31	23.77765	(05020406)	670519.24	4103098.81	23.59303	(07122918)
670508.62	4103121.32	23.74537	(06122118)	670498.00	4103143.82	23.99441	(06122118)
670487.38	4103166.33	24.22618	(06122118)	670476.76	4103188.83	24.44283	(06122118)
670466.14	4103211.34	24.64336	(06122118)	670455.51	4103233.84	24.82505	(06122118)
670444.89	4103256.35	24.99674	(06122118)	670434.27	4103278.85	25.14969	(06122118)
670423.65	4103301.36	25.28988	(06122118)	670413.03	4103323.87	25.41724	(06122118)
670402.41	4103346.37	25.66736	(05122403)	670391.79	4103368.88	25.99633	(05122403)
670381.17	4103391.38	26.31340	(05122403)	670370.55	4103413.89	26.62127	(05122403)
670359.93	4103436.39	26.92068	(05122403)	670349.31	4103458.90	27.20728	(05122403)
670338.69	4103481.40	27.48489	(05122403)	670328.07	4103503.91	27.74495	(05122403)
670317.45	4103526.41	27.98743	(05122403)	670306.83	4103548.92	28.19853	(05122403)
670296.21	4103571.43	28.36354	(05122403)	670285.59	4103593.93	28.46279	(05122403)
670274.97	4103616.44	28.47795	(05122403)	670264.34	4103638.94	28.38242	(05122403)
670253.72	4103661.45	28.16786	(05122403)	671173.25	4101539.27	32.95246	(06010509)
671191.04	4101523.17	33.02885	(06010509)	671208.84	4101507.06	33.07045	(06010509)
671226.63	4101490.95	33.06052	(06010509)	671244.43	4101474.84	32.97535	(06010509)
671262.22	4101458.73	32.78907	(06010509)	671280.02	4101442.62	32.47191	(06010509)
671297.81	4101426.51	31.99908	(06010509)	671315.61	4101410.41	31.34937	(06010509)
671333.40	4101394.30	31.04414	(06020206)	671351.20	4101378.19	30.88911	(06020206)
671368.99	4101362.08	30.61369	(06020206)	671386.79	4101345.97	30.21386	(06020206)
671404.58	4101329.86	29.67866	(06020206)	671422.38	4101313.75	29.01760	(06020206)
671464.14	4101298.91	27.61296	(06020206)	671488.11	4101300.17	26.84742	(06020206)
671512.08	4101301.44	25.91165	(06020206)	671536.05	4101302.70	24.79617	(06020206)
671560.02	4101303.96	24.30659	(08111509)	671583.99	4101305.23	24.73877	(08111509)
671607.96	4101306.49	25.06878	(08111509)	671631.93	4101307.75	25.25560	(08111509)
671655.90	4101309.02	25.27494	(08111509)	671679.87	4101310.28	26.68703	(07042003)
671703.84	4101311.54	28.60385	(07042003)	671727.81	4101312.81	30.47654	(07042003)
671751.78	4101314.07	32.24907	(07042003)	671775.75	4101315.33	33.86217	(07042003)
671799.72	4101316.60	35.22313	(07042003)	671155.45	4101555.38	32.85755	(06010509)
671144.83	4101577.89	32.83787	(06010509)	671134.21	4101600.39	32.81256	(06010509)
671123.59	4101622.90	32.78332	(06010509)	671112.97	4101645.40	32.75280	(06010509)
671102.35	4101667.91	32.72284	(06010509)	671091.73	4101690.41	32.69244	(06010509)
671081.11	4101712.92	32.65979	(06010509)	671070.49	4101735.43	32.62993	(06010509)
671059.87	4101757.93	32.59905	(06010509)	671049.25	4101780.44	32.56505	(06010509)
671038.63	4101802.94	32.53527	(06010509)	671028.00	4101825.45	32.50358	(06010509)
671017.38	4101847.95	32.47129	(06010509)	671006.76	4101870.46	32.44023	(06010509)
670996.14	4101892.96	32.40737	(06010509)	670985.52	4101915.47	32.37382	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670974.90	4101937.97	32.34119	(06010509)	670964.28	4101960.48	32.30656	(06010509)
670953.66	4101982.99	32.27160	(06010509)	670943.04	4102005.49	32.23693	(06010509)
670932.42	4102028.00	32.19865	(06010509)	670921.80	4102050.50	32.15904	(06010509)
670911.18	4102073.01	32.11498	(06010509)	670900.56	4102095.51	32.07080	(06010509)
670889.94	4102118.02	32.01945	(06010509)	670879.32	4102140.52	31.96287	(06010509)
670868.70	4102163.03	31.90121	(06010509)	670858.08	4102185.53	31.82729	(06010509)
670847.46	4102208.04	31.74476	(06010509)	670836.83	4102230.55	31.64400	(06010509)
670826.21	4102253.05	31.52979	(06010509)	670815.59	4102275.56	31.39307	(06010509)
670804.97	4102298.06	31.23122	(06010509)	670794.35	4102320.57	31.03811	(06010509)
670783.73	4102343.07	30.80947	(06010509)	670773.11	4102365.58	30.53882	(06010509)
670762.49	4102388.08	30.22135	(06010509)	670751.87	4102410.59	29.84703	(06010509)
670741.25	4102433.09	29.41554	(06010509)	670730.63	4102455.60	28.91335	(06010509)
670720.01	4102478.11	28.33909	(06010509)	670709.39	4102500.61	27.68483	(06010509)
670698.77	4102523.12	26.94848	(06010509)	670688.15	4102545.62	26.12458	(06010509)
670677.53	4102568.13	25.21463	(06010509)	670666.91	4102590.63	24.22022	(06010509)
670656.29	4102613.14	23.82205	(05020406)	670645.67	4102635.64	23.79988	(05020406)
670635.04	4102658.15	23.77761	(05020406)	670624.42	4102680.65	23.75546	(05020406)
670613.80	4102703.16	23.73338	(05020406)	670603.18	4102725.66	23.71098	(05020406)
670592.56	4102748.17	23.68854	(05020406)	670581.94	4102770.68	23.66564	(05020406)
670571.32	4102793.18	23.64241	(05020406)	670560.70	4102815.69	23.61795	(05020406)
670550.08	4102838.19	23.59177	(05020406)	670539.46	4102860.70	23.56286	(05020406)
670528.84	4102883.20	23.52887	(05020406)	670518.22	4102905.71	23.48705	(05020406)
670507.60	4102928.21	23.43359	(05020406)	670496.98	4102950.72	23.36225	(05020406)
670486.36	4102973.22	23.26543	(05020406)	670475.74	4102995.73	23.13383	(05020406)
670465.12	4103018.24	22.95531	(05020406)	670454.50	4103040.74	22.73240	(07122918)
670443.87	4103063.25	22.71736	(07122918)	670433.25	4103085.75	22.70024	(07122918)
670422.63	4103108.26	22.68263	(07122918)	670412.01	4103130.76	22.66389	(07122918)
670401.39	4103153.27	22.67578	(06122118)	670390.77	4103175.77	22.93918	(06122118)
670380.15	4103198.28	23.19046	(06122118)	670369.53	4103220.78	23.42563	(06122118)
670358.91	4103243.29	23.64945	(06122118)	670348.29	4103265.80	23.85628	(06122118)
670337.67	4103288.30	24.05159	(06122118)	670327.05	4103310.81	24.23389	(06122118)
670316.43	4103333.31	24.39949	(06122118)	670305.81	4103355.82	24.55595	(06122118)
670295.19	4103378.32	24.69627	(06122118)	670284.57	4103400.83	24.82671	(06122118)
670273.95	4103423.33	24.94020	(06122118)	670263.33	4103445.84	25.03792	(06122118)
670252.71	4103468.34	25.10995	(06122118)	670242.08	4103490.85	25.14328	(06122118)
670231.46	4103513.36	25.11578	(06122118)	670220.84	4103535.86	25.01678	(05122403)
670210.22	4103558.37	25.20895	(05122403)	670199.60	4103580.87	25.34375	(05122403)
670188.98	4103603.38	25.40816	(05122403)	670178.36	4103625.88	25.38343	(05122403)
670947.16	4101432.58	30.61501	(06010509)	670964.95	4101416.47	30.71339	(06010509)
670982.75	4101400.36	30.80678	(06010509)	671000.54	4101384.25	30.89895	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671018.34	4101368.15	30.97912	(06010509)	671036.13	4101352.04	31.04607	(06010509)
671053.93	4101335.93	31.09315	(06010509)	671071.72	4101319.82	31.10655	(06010509)
671089.52	4101303.71	31.07667	(06010509)	671107.31	4101287.60	30.99334	(06010509)
671125.11	4101271.49	30.83827	(06010509)	671142.90	4101255.39	30.59829	(06010509)
671160.70	4101239.28	30.26200	(06010509)	671178.49	4101223.17	29.81364	(06010509)
671196.29	4101207.06	29.24929	(06010509)	671214.08	4101190.95	28.55854	(06010509)
671231.88	4101174.84	27.74127	(06010509)	671249.67	4101158.74	27.19674	(06020206)
671267.47	4101142.63	26.93808	(06020206)	671285.26	4101126.52	26.59243	(06020206)
671303.06	4101110.41	26.17496	(06020206)	671320.85	4101094.30	25.67117	(06020206)
671338.65	4101078.19	25.10455	(06020206)	671380.41	4101063.35	23.99951	(06020206)
671404.38	4101064.61	23.44743	(06020206)	671428.35	4101065.87	22.80297	(06020206)
671452.32	4101067.14	22.06271	(06020206)	671476.29	4101068.40	21.21370	(06020206)
671500.26	4101069.66	20.24861	(06020206)	671524.23	4101070.93	20.05684	(08111509)
671548.20	4101072.19	20.38479	(08111509)	671572.17	4101073.45	20.64054	(08111509)
671596.14	4101074.72	20.79621	(08111509)	671620.11	4101075.98	20.83523	(08111509)
671644.08	4101077.25	20.75122	(08111509)	671668.05	4101078.51	20.53710	(08111509)
671692.02	4101079.77	22.02941	(07042003)	671715.99	4101081.04	23.63901	(07042003)
671739.96	4101082.30	25.21566	(07042003)	671763.93	4101083.56	26.72337	(07042003)
671787.90	4101084.83	28.12676	(07042003)	671811.87	4101086.09	29.46019	(07042003)
671835.84	4101087.35	30.49538	(07042003)	671859.81	4101088.62	31.26401	(07042003)
671883.78	4101089.88	31.59417	(07042003)	671907.75	4101091.14	31.66156	(07042003)
670929.36	4101448.69	30.61204	(06010509)	670918.74	4101471.19	30.58268	(06010509)
670908.12	4101493.70	30.55092	(06010509)	670897.50	4101516.20	30.51940	(06010509)
670886.88	4101538.71	30.48608	(06010509)	670876.26	4101561.22	30.45400	(06010509)
670865.64	4101583.72	30.41983	(06010509)	670855.02	4101606.23	30.38286	(06010509)
670844.40	4101628.73	30.34782	(06010509)	670833.78	4101651.24	30.30587	(06010509)
670823.16	4101673.74	30.26248	(06010509)	670812.54	4101696.25	30.21825	(06010509)
670801.92	4101718.75	30.16949	(06010509)	670791.29	4101741.26	30.11238	(06010509)
670780.67	4101763.76	30.04958	(06010509)	670770.05	4101786.27	29.98087	(06010509)
670759.43	4101808.78	29.90444	(06010509)	670748.81	4101831.28	29.81418	(06010509)
670738.19	4101853.79	29.71280	(06010509)	670727.57	4101876.29	29.59409	(06010509)
670716.95	4101898.80	29.45640	(06010509)	670706.33	4101921.30	29.29903	(06010509)
670695.71	4101943.81	29.11725	(06010509)	670685.09	4101966.31	28.90831	(06010509)
670674.47	4101988.82	28.66576	(06010509)	670663.85	4102011.32	28.39283	(06010509)
670653.23	4102033.83	28.07720	(06010509)	670642.61	4102056.34	27.71829	(06010509)
670631.99	4102078.84	27.31345	(06010509)	670621.37	4102101.35	26.85886	(06010509)
670610.75	4102123.85	26.35243	(06010509)	670600.12	4102146.36	25.78726	(06010509)
670589.50	4102168.86	25.16858	(06010509)	670578.88	4102191.37	24.49132	(06010509)
670568.26	4102213.87	23.75843	(06010509)	670557.64	4102236.38	22.96892	(06010509)
670547.02	4102258.88	22.12954	(06010509)	670536.40	4102281.39	21.57986	(05020406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670525.78	4102303.89	21.60985	(05020406)	670515.16	4102326.40	21.62377	(05020406)
670504.54	4102348.91	21.62559	(05020406)	670493.92	4102371.41	21.62036	(05020406)
670483.30	4102393.92	21.60942	(05020406)	670472.68	4102416.42	21.59547	(05020406)
670462.06	4102438.93	21.57942	(05020406)	670451.44	4102461.43	21.56157	(05020406)
670440.82	4102483.94	21.54268	(05020406)	670430.20	4102506.44	21.52312	(05020406)
670419.58	4102528.95	21.50239	(05020406)	670408.96	4102551.45	21.48220	(05020406)
670398.33	4102573.96	21.46030	(05020406)	670387.71	4102596.47	21.43761	(05020406)
670377.09	4102618.97	21.41289	(05020406)	670366.47	4102641.48	21.38571	(05020406)
670355.85	4102663.98	21.35521	(05020406)	670345.23	4102686.49	21.31799	(05020406)
670334.61	4102708.99	21.27294	(05020406)	670323.99	4102731.50	21.21636	(05020406)
670313.37	4102754.00	21.14315	(05020406)	670302.75	4102776.51	21.04940	(05020406)
670292.13	4102799.01	20.92841	(05020406)	670281.51	4102821.52	20.77385	(05020406)
670270.89	4102844.03	20.57966	(05020406)	670260.27	4102866.53	20.33974	(05020406)
670249.65	4102889.04	20.24767	(05120803)	670239.03	4102911.54	20.32465	(05120803)
670228.41	4102934.05	20.38876	(05120803)	670217.79	4102956.55	20.43713	(05120803)
670207.16	4102979.06	20.47693	(05120803)	670196.54	4103001.56	20.50628	(05120803)
670185.92	4103024.07	20.52856	(05120803)	670175.30	4103046.57	20.54200	(05120803)
670164.68	4103069.08	20.55002	(05120803)	670154.06	4103091.59	20.55245	(05120803)
670143.44	4103114.09	20.55072	(05120803)	670132.82	4103136.60	20.54674	(05120803)
670122.20	4103159.10	20.53855	(05120803)	670111.58	4103181.61	20.52833	(05120803)
670100.96	4103204.11	20.51594	(05120803)	670090.34	4103226.62	20.50355	(05120803)
670079.72	4103249.12	20.48678	(05120803)	670069.10	4103271.63	20.47168	(05120803)
670058.48	4103294.13	20.47070	(06122118)	670047.86	4103316.64	20.70675	(06122118)
670037.24	4103339.14	20.93140	(06122118)	670026.62	4103361.65	21.14648	(06122118)
670016.00	4103384.16	21.34432	(06122118)	670005.37	4103406.66	21.51638	(06122118)
669994.75	4103429.17	21.64705	(06122118)	669984.13	4103451.67	21.72012	(06122118)
669973.51	4103474.18	21.71471	(06122118)	669962.89	4103496.68	21.61154	(06122118)
669952.27	4103519.19	21.40053	(06122118)	670721.64	4101325.37	28.71960	(06010509)
670740.01	4101308.74	28.83336	(06010509)	670758.38	4101292.11	28.94248	(06010509)
670776.75	4101275.48	29.04458	(06010509)	670795.12	4101258.85	29.14287	(06010509)
670813.49	4101242.23	29.23636	(06010509)	670831.86	4101225.60	29.32443	(06010509)
670850.22	4101208.97	29.40712	(06010509)	670868.59	4101192.34	29.48293	(06010509)
670886.96	4101175.71	29.54214	(06010509)	670905.33	4101159.09	29.58634	(06010509)
670923.70	4101142.46	29.60706	(06010509)	670942.07	4101125.83	29.59417	(06010509)
670960.44	4101109.20	29.54080	(06010509)	670978.81	4101092.57	29.43815	(06010509)
670997.18	4101075.94	29.27775	(06010509)	671015.55	4101059.32	29.05006	(06010509)
671033.91	4101042.69	28.74817	(06010509)	671052.28	4101026.06	28.36448	(06010509)
671070.65	4101009.43	27.89337	(06010509)	671089.02	4100992.80	27.33438	(06010509)
671107.39	4100976.18	26.68435	(06010509)	671125.76	4100959.55	25.94767	(06010509)
671144.13	4100942.92	25.12031	(06010509)	671162.50	4100926.29	24.20988	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671180.87	4100909.66	23.92077	(06020206)	671199.24	4100893.04	23.57874	(06020206)
671217.60	4100876.41	23.18250	(06020206)	671235.97	4100859.78	22.73828	(06020206)
671254.34	4100843.15	22.24997	(06020206)	671297.45	4100827.83	21.35433	(06020206)
671322.20	4100829.13	20.92986	(06020206)	671346.94	4100830.44	20.44663	(06020206)
671371.68	4100831.74	19.90165	(06020206)	671396.43	4100833.04	19.28326	(06020206)
671421.17	4100834.35	18.58830	(06020206)	671445.91	4100835.65	17.80571	(06020206)
671470.66	4100836.96	16.92358	(06020206)	671495.40	4100838.26	17.14479	(08111509)
671520.14	4100839.56	17.36505	(08111509)	671544.88	4100840.87	17.51675	(08111509)
671569.63	4100842.17	17.58902	(08111509)	671594.37	4100843.48	17.56553	(08111509)
671619.11	4100844.78	17.45142	(08111509)	671643.86	4100846.08	17.24421	(08111509)
671668.60	4100847.39	16.95007	(08111509)	671693.34	4100848.69	17.78002	(07042003)
671718.08	4100850.00	19.20050	(07042003)	671742.83	4100851.30	20.61165	(07042003)
671767.57	4100852.61	21.98715	(07042003)	671792.31	4100853.91	23.29941	(07042003)
671817.06	4100855.21	24.51250	(07042003)	671841.80	4100856.52	25.58690	(07042003)
671866.54	4100857.82	26.47754	(07042003)	671891.29	4100859.13	27.15248	(07042003)
671916.03	4100860.43	27.56691	(07042003)	671940.77	4100861.73	27.68535	(07042003)
671965.51	4100863.04	27.49236	(07042003)	671990.26	4100864.34	26.96217	(07042003)
672015.00	4100865.65	26.10927	(07042003)	670703.27	4101341.99	28.59878	(06010509)
670692.65	4101364.50	28.53663	(06010509)	670682.03	4101387.01	28.47407	(06010509)
670671.41	4101409.51	28.39977	(06010509)	670660.79	4101432.02	28.31898	(06010509)
670650.17	4101454.52	28.22768	(06010509)	670639.55	4101477.03	28.12428	(06010509)
670628.93	4101499.53	28.00777	(06010509)	670618.31	4101522.04	27.87381	(06010509)
670607.69	4101544.54	27.72176	(06010509)	670597.07	4101567.05	27.55810	(06010509)
670586.45	4101589.55	27.36165	(06010509)	670575.83	4101612.06	27.14532	(06010509)
670565.21	4101634.57	26.90096	(06010509)	670554.58	4101657.07	26.68669	(06010509)
670543.96	4101679.58	26.37957	(06010509)	670533.34	4101702.08	26.03809	(06010509)
670522.72	4101724.59	25.66383	(06010509)	670512.10	4101747.09	25.24885	(06010509)
670501.48	4101769.60	24.79486	(06010509)	670490.86	4101792.10	24.30011	(06010509)
670480.24	4101814.61	23.76378	(06010509)	670469.62	4101837.11	23.18367	(06010509)
670459.00	4101859.62	22.56602	(06010509)	670448.38	4101882.12	21.90638	(06010509)
670437.76	4101904.63	21.20938	(06010509)	670427.14	4101927.14	20.47987	(06010509)
670416.52	4101949.64	19.90229	(06012509)	670405.90	4101972.15	19.88295	(06012509)
670395.28	4101994.65	19.86362	(06012509)	670384.66	4102017.16	19.84411	(06012509)
670374.04	4102039.66	19.82471	(06012509)	670363.42	4102062.17	19.80530	(06012509)
670352.79	4102084.67	19.78584	(06012509)	670342.17	4102107.18	19.76641	(06012509)
670331.55	4102129.68	19.74700	(06012509)	670320.93	4102152.19	19.72759	(06012509)
670310.31	4102174.70	19.70816	(06012509)	670299.69	4102197.20	19.68872	(06012509)
670289.07	4102219.71	19.66930	(06012509)	670278.45	4102242.21	19.64986	(06012509)
670267.83	4102264.72	19.63045	(06012509)	670257.21	4102287.22	19.61105	(06012509)
670246.59	4102309.73	19.59120	(06012509)	670235.97	4102332.23	19.57169	(06012509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670225.35	4102354.74	19.55244	(06012509)	670214.73	4102377.24	19.53311	(06012509)
670204.11	4102399.75	19.52192	(05020406)	670193.49	4102422.26	19.50497	(05020406)
670182.87	4102444.76	19.48279	(05020406)	670172.25	4102467.27	19.45436	(06012509)
670161.62	4102489.77	19.43434	(06012509)	670151.00	4102512.28	19.41335	(06012509)
670140.38	4102534.78	19.39187	(06012509)	670129.76	4102557.29	19.36849	(06012509)
670119.14	4102579.79	19.34285	(06012509)	670108.52	4102602.30	19.31362	(06012509)
670097.90	4102624.80	19.27836	(06012509)	670087.28	4102647.31	19.23465	(06012509)
670076.66	4102669.82	19.17952	(06012509)	670066.04	4102692.32	19.10603	(06012509)
670055.42	4102714.83	19.00990	(06012509)	670044.80	4102737.33	18.88277	(06012509)
670034.18	4102759.84	18.71647	(06012509)	670023.56	4102782.34	18.62592	(08011009)
670012.94	4102804.85	18.69085	(08011009)	670002.32	4102827.35	18.73176	(08011009)
669991.70	4102849.86	18.75633	(08011009)	669981.08	4102872.36	18.76858	(08011009)
669970.45	4102894.87	18.77048	(08011009)	669959.83	4102917.37	18.76566	(08011009)
669949.21	4102939.88	18.75651	(08011009)	669938.59	4102962.39	18.74411	(08011009)
669927.97	4102984.89	18.72979	(08011009)	669917.35	4103007.40	18.71379	(08011009)
669906.73	4103029.90	18.69609	(08011009)	669896.11	4103052.41	18.67852	(08011009)
669885.49	4103074.91	18.66379	(05120803)	669874.87	4103097.42	18.70831	(05120803)
669864.25	4103119.92	18.74364	(05120803)	669853.63	4103142.43	18.77119	(05120803)
669843.01	4103164.93	18.79166	(05120803)	669832.39	4103187.44	18.80652	(05120803)
669821.77	4103209.95	18.81652	(05120803)	669811.15	4103232.45	18.82181	(05120803)
669800.53	4103254.96	18.82261	(05120803)	669789.91	4103277.46	18.82023	(05120803)
669779.29	4103299.97	18.81403	(05120803)	669768.66	4103322.47	18.80582	(05120803)
669758.04	4103344.98	18.79365	(05120803)	669747.42	4103367.48	18.77722	(05120803)
669736.80	4103389.99	18.75307	(05120803)	669726.18	4103412.49	18.72166	(05120803)
670269.27	4101112.16	21.54144	(06010509)	670287.44	4101095.70	21.96722	(06010509)
670305.61	4101079.25	16.41712	(06010509)	670323.79	4101062.80	16.34875	(06010509)
670341.96	4101046.35	16.38157	(06010509)	670360.14	4101029.90	16.80944	(06010509)
670378.31	4101013.45	24.17537	(06010509)	670396.48	4100997.00	24.99881	(06010509)
670414.66	4100980.55	25.44741	(06010509)	670432.83	4100964.09	25.72188	(06010509)
670451.00	4100947.64	25.96536	(06010509)	670469.18	4100931.19	26.18343	(06010509)
670487.35	4100914.74	26.37635	(06010509)	670505.52	4100898.29	26.54786	(06010509)
670523.70	4100881.84	26.69896	(06010509)	670541.87	4100865.39	26.83154	(06010509)
670560.04	4100848.94	26.94602	(06010509)	670578.22	4100832.48	27.04068	(06010509)
670596.39	4100816.03	27.12197	(06010509)	670614.57	4100799.58	27.17916	(06010509)
670632.74	4100783.13	27.22482	(06010509)	670650.91	4100766.68	27.24208	(06010509)
670669.09	4100750.23	27.23789	(06010509)	670687.26	4100733.78	27.20281	(06010509)
670705.43	4100717.33	27.13774	(06010509)	670723.61	4100700.87	27.03568	(06010509)
670741.78	4100684.42	26.89764	(06010509)	670759.95	4100667.97	26.71922	(06010509)
670778.13	4100651.52	26.50051	(06010509)	670796.30	4100635.07	26.23566	(06010509)
670814.47	4100618.62	25.93081	(06010509)	670832.65	4100602.17	25.57854	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670850.82	4100585.72	25.17889	(06010509)	670869.00	4100569.27	24.74148	(06010509)
670887.17	4100552.81	24.25472	(06010509)	670905.34	4100536.36	23.72371	(06010509)
670923.52	4100519.91	23.15362	(06010509)	670941.69	4100503.46	22.53753	(06010509)
670959.86	4100487.01	21.87805	(06010509)	670978.04	4100470.56	21.17686	(06010509)
670996.21	4100454.11	20.42775	(06010509)	671014.38	4100437.66	19.97369	(06020209)
671032.56	4100421.20	19.83817	(06020209)	671050.73	4100404.75	19.50492	(06020209)
671068.91	4100388.30	18.49085	(06020209)	671087.08	4100371.85	17.68431	(06020209)
671129.73	4100356.69	13.07744	(06020209)	671154.21	4100357.98	10.86768	(06020209)
671178.69	4100359.27	9.57992	(06020209)	671203.17	4100360.56	9.28959	(06020209)
671227.65	4100361.85	9.86011	(06020209)	671252.13	4100363.14	10.81595	(06020209)
671276.61	4100364.43	12.33629	(06020206)	671301.09	4100365.72	12.67679	(06020206)
671325.57	4100367.01	12.66624	(06020206)	671350.05	4100368.30	12.60408	(06020206)
671374.53	4100369.59	12.41355	(06020206)	671399.01	4100370.88	12.02900	(06020206)
671423.49	4100372.17	12.01806	(04121303)	671447.97	4100373.46	12.52293	(04121303)
671472.45	4100374.75	13.44118	(04121303)	671496.93	4100376.04	12.77648	(08111509)
671521.41	4100377.33	12.42101	(08111509)	671545.89	4100378.62	11.96249	(08111509)
671570.37	4100379.91	11.68617	(08111509)	671594.85	4100381.20	11.62364	(08111509)
671619.33	4100382.49	12.03425	(08111509)	671643.81	4100383.78	11.98399	(08111509)
671668.29	4100385.07	11.68326	(08111509)	671692.77	4100386.37	11.62262	(07042003)
671717.25	4100387.66	12.64758	(07042003)	671741.73	4100388.95	13.68831	(07042003)
671766.21	4100390.24	14.73714	(07042003)	671790.68	4100391.53	15.78188	(07042003)
671815.16	4100392.82	16.80266	(07042003)	671839.64	4100394.11	17.77964	(07042003)
671864.12	4100395.40	18.69870	(07042003)	671888.60	4100396.69	19.55945	(07042003)
671913.08	4100397.98	20.30647	(07042003)	671937.56	4100399.27	20.92536	(07042003)
671962.04	4100400.56	21.40580	(07042003)	671986.52	4100401.85	21.74833	(07042003)
672011.00	4100403.14	21.91308	(07042003)	672035.48	4100404.43	21.84798	(07042003)
672059.96	4100405.72	21.58513	(07042003)	672084.44	4100407.01	21.15651	(07042003)
672108.92	4100408.30	20.53290	(07042003)	672133.40	4100409.59	19.73388	(07042003)
672157.88	4100410.88	18.76848	(07042003)	672182.36	4100412.17	17.62439	(07042003)
672206.84	4100413.46	16.45962	(07042003)	672231.32	4100414.75	16.26367	(07011518)
670251.09	4101128.61	20.87736	(06010509)	670240.47	4101151.11	15.16019	(06010509)
670229.85	4101173.62	14.31849	(06010509)	670219.23	4101196.12	13.44413	(06010509)
670208.61	4101218.63	12.73614	(06010509)	670197.99	4101241.13	12.08876	(06010509)
670187.37	4101263.64	11.64218	(06010509)	670176.75	4101286.14	12.03096	(06010509)
670166.13	4101308.65	13.12370	(06012509)	670155.51	4101331.16	15.97097	(06010509)
670144.89	4101353.66	15.74223	(06012509)	670134.27	4101376.17	16.35959	(06012509)
670123.65	4101398.67	16.87129	(06012509)	670113.03	4101421.18	17.31071	(06012509)
670102.41	4101443.68	17.67639	(06012509)	670091.79	4101466.19	17.96568	(06012509)
670081.16	4101488.69	18.18526	(06012509)	670070.54	4101511.20	18.34392	(06012509)
670059.92	4101533.70	18.45092	(06012509)	670049.30	4101556.21	18.51946	(06012509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670038.68	4101578.72	18.55868	(06012509)	670028.06	4101601.22	18.57684	(06012509)
670017.44	4101623.73	18.58133	(06012509)	670006.82	4101646.23	18.69085	(06012509)
669996.20	4101668.74	18.68026	(06012509)	669985.58	4101691.24	18.66633	(06012509)
669974.96	4101713.75	18.65078	(06012509)	669964.34	4101736.25	18.63405	(06012509)
669953.72	4101758.76	18.61656	(06012509)	669943.10	4101781.26	18.59876	(06012509)
669932.48	4101803.77	18.58078	(06012509)	669921.86	4101826.28	18.56253	(06012509)
669911.24	4101848.78	18.54428	(06012509)	669900.62	4101871.29	18.52638	(06012509)
669890.00	4101893.79	18.50827	(06012509)	669879.37	4101916.30	18.49002	(06012509)
669868.75	4101938.80	18.47168	(06012509)	669858.13	4101961.31	18.45309	(06012509)
669847.51	4101983.81	18.43493	(06012509)	669836.89	4102006.32	18.41662	(06012509)
669826.27	4102028.82	18.39815	(06012509)	669815.65	4102051.33	18.37934	(06012509)
669805.03	4102073.83	18.36076	(06012509)	669794.41	4102096.34	18.34146	(06012509)
669783.79	4102118.85	18.32188	(06012509)	669773.17	4102141.35	18.30149	(06012509)
669762.55	4102163.86	18.27985	(06012509)	669751.93	4102186.36	18.25650	(06012509)
669741.31	4102208.87	18.23097	(06012509)	669730.69	4102231.37	18.20241	(06012509)
669720.07	4102253.88	18.16867	(06012509)	669709.45	4102276.38	18.12934	(06012509)
669698.83	4102298.89	18.08090	(06012509)	669688.20	4102321.39	18.02231	(06012509)
669677.58	4102343.90	17.94946	(06012509)	669666.96	4102366.41	17.85870	(06012509)
669656.34	4102388.91	17.74628	(06012509)	669645.72	4102411.42	17.60826	(06012509)
669635.10	4102433.92	17.43892	(06012509)	669624.48	4102456.43	17.23472	(06012509)
669613.86	4102478.93	16.99093	(06012509)	669603.24	4102501.44	16.70267	(06012509)
669592.62	4102523.94	16.36859	(06012509)	669582.00	4102546.45	15.98568	(06012509)
669571.38	4102568.95	15.55451	(06012509)	669560.76	4102591.46	15.07497	(06012509)
669550.14	4102613.97	14.73034c	(06011109)	669539.52	4102636.47	14.71487c	(06011109)
669528.90	4102658.98	14.69883c	(06011109)	669518.28	4102681.48	14.68204c	(06011109)
669507.66	4102703.99	14.66448c	(06011109)	669497.04	4102726.49	14.73381	(08011009)
669486.41	4102749.00	15.19612	(08011009)	669475.79	4102771.50	15.62362	(08011009)
669465.17	4102794.01	16.00956	(08011009)	669454.55	4102816.51	16.35247	(08011009)
669443.93	4102839.02	16.65018	(08011009)	669433.31	4102861.53	16.90396	(08011009)
669422.69	4102884.03	17.11573	(08011009)	669412.07	4102906.54	17.28846	(08011009)
669401.45	4102929.04	17.42772	(08011009)	669390.83	4102951.55	17.53708	(08011009)
669380.21	4102974.05	17.62028	(08011009)	669369.59	4102996.56	17.68145	(08011009)
669358.97	4103019.06	17.72509	(08011009)	669348.35	4103041.57	17.75471	(08011009)
669337.73	4103064.07	17.77310	(08011009)	669327.11	4103086.58	17.78184	(08011009)
669316.49	4103109.08	17.78472	(08011009)	669305.87	4103131.59	17.77972	(08011009)
669295.24	4103154.10	17.77269	(08011009)	669284.62	4103176.60	17.76122	(08011009)
669274.00	4103199.11	17.74632	(08011009)	669817.28	4100898.59	10.27814	(06010509)
669835.65	4100881.96	10.87705	(06010509)	669854.02	4100865.33	11.49880	(06010509)
669872.39	4100848.71	12.14081	(06010509)	669890.76	4100832.08	12.79940	(06010509)
669909.13	4100815.45	13.47112	(06010509)	669927.50	4100798.82	14.11128	(06010509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669945.87	4100782.19	14.55545	(06010509)	669964.24	4100765.57	11.93760	(06010509)
669982.60	4100748.94	12.02064	(06010509)	670000.97	4100732.31	12.18393	(06010509)
670019.34	4100715.68	12.62213	(06010509)	670037.71	4100699.05	13.25977	(06010509)
670056.08	4100682.43	18.42442	(06010509)	670074.45	4100665.80	19.26569	(06010509)
670092.82	4100649.17	19.97693	(06010509)	670111.19	4100632.54	20.61158	(06010509)
670129.56	4100615.91	21.03928	(06010509)	670147.93	4100599.28	21.34581	(06010509)
670166.29	4100582.66	15.67642	(06010509)	670184.66	4100566.03	15.68056	(06010509)
670203.03	4100549.40	15.75964	(06010509)	670221.40	4100532.77	15.97805	(06010509)
670239.77	4100516.14	16.22962	(06010509)	670258.14	4100499.52	16.53271	(06010509)
670276.51	4100482.89	23.78330	(06010509)	670294.88	4100466.26	24.14615	(06010509)
670313.25	4100449.63	24.40779	(06010509)	670331.62	4100433.00	24.85724	(06010509)
670349.98	4100416.38	25.01695	(06010509)	670368.35	4100399.75	25.12790	(06010509)
670386.72	4100383.12	25.20548	(06010509)	670405.09	4100366.49	25.25612	(06010509)
670423.46	4100349.86	25.27507	(06010509)	670441.83	4100333.23	25.26422	(06010509)
670460.20	4100316.61	25.21904	(06010509)	670478.57	4100299.98	25.11194	(06010509)
670496.94	4100283.35	24.68908	(06010509)	670515.31	4100266.72	24.34487	(06010509)
670533.67	4100250.09	16.49100	(06010509)	670552.04	4100233.47	16.04376	(06010509)
670570.41	4100216.84	15.53441	(06010509)	670588.78	4100200.21	15.11482	(06020209)
670607.15	4100183.58	14.79092	(06020209)	670625.52	4100166.95	14.57516	(06020209)
670643.89	4100150.33	14.47195	(06020209)	670662.26	4100133.70	14.39046	(06020209)
670680.63	4100117.07	14.34756	(06020209)	670699.00	4100100.44	14.27936	(06020209)
670717.37	4100083.81	14.09394	(06020209)	670735.73	4100067.19	13.73144	(06020209)
670754.10	4100050.56	13.17223	(06020209)	670772.47	4100033.93	12.51382	(06020209)
670790.84	4100017.30	11.96688	(06020209)	670809.21	4100000.67	12.48441	(06020209)
670827.58	4099984.04	12.93155	(06020209)	670845.95	4099967.42	12.20953	(06020209)
670864.32	4099950.79	11.95446	(06020209)	670882.69	4099934.16	9.85147	(06020209)
670901.06	4099917.53	7.50489	(06020209)	670919.42	4099900.90	6.48499	(06020209)
670962.54	4099885.58	5.64876	(06010509)	670987.28	4099886.88	5.29138	(06010509)
671012.02	4099888.19	4.94267	(06010509)	671036.76	4099889.49	4.58701	(06010509)
671061.51	4099890.80	4.22595	(06010509)	671086.25	4099892.10	3.86144	(06010509)
671110.99	4099893.40	3.49513	(06010509)	671135.74	4099894.71	3.13296	(06010509)
671160.48	4099896.01	2.78026	(06010509)	671185.22	4099897.32	3.92997	(06020209)
671209.97	4099898.62	4.04604	(06020209)	671234.71	4099899.93	4.37108	(06020209)
671259.45	4099901.23	4.25706	(06020209)	671284.19	4099902.53	3.40695	(06020209)
671308.94	4099903.84	3.00322	(07020109)	671333.68	4099905.14	2.46014	(06020209)
671358.42	4099906.45	2.49884c	(05050809)	671383.17	4099907.75	2.54251c	(05050809)
671407.91	4099909.05	2.58485c	(05050809)	671432.65	4099910.36	2.62463c	(05050809)
671457.40	4099911.66	3.37740	(07020109)	671482.14	4099912.97	3.41270	(07020109)
671506.88	4099914.27	3.43437	(07020109)	671531.62	4099915.57	3.99149	(06040324)
671556.37	4099916.88	4.82033	(06040324)	671581.11	4099918.18	5.47729	(06040324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671605.85	4099919.49	5.61924	(06040324)	671630.60	4099920.79	5.71239	(06040324)
671655.34	4099922.10	5.91830	(06040324)	671680.08	4099923.40	6.01972	(06040324)
671704.82	4099924.70	6.10706	(05021803)	671729.57	4099926.01	6.29209	(07042003)
671754.31	4099927.31	7.05510	(07042003)	671779.05	4099928.62	8.35810	(07042003)
671803.80	4099929.92	9.68645	(07042003)	671828.54	4099931.22	10.88901	(07042003)
671853.28	4099932.53	12.02476	(07042003)	671878.03	4099933.83	13.12920	(07042003)
671902.77	4099935.14	13.79450	(07042003)	671927.51	4099936.44	14.22726	(07042003)
671952.25	4099937.74	14.57321	(07042003)	671977.00	4099939.05	14.91271	(07042003)
672001.74	4099940.35	15.28016	(07042003)	672026.48	4099941.66	15.71512	(07042003)
672051.23	4099942.96	16.16571	(07042003)	672075.97	4099944.27	16.54363	(07042003)
672100.71	4099945.57	16.77437	(07042003)	672125.45	4099946.87	16.87729	(07042003)
672150.20	4099948.18	16.88987	(07042003)	672174.94	4099949.48	16.66386	(07042003)
672199.68	4099950.79	16.35416	(07042003)	672224.43	4099952.09	16.00654	(07042003)
672249.17	4099953.39	15.38373	(07042003)	672273.91	4099954.70	14.60586	(07042003)
672298.66	4099956.00	13.73273	(07042003)	672323.40	4099957.31	12.87826	(07011518)
672348.14	4099958.61	13.00953	(07011518)	672372.88	4099959.91	13.06538	(07011518)
672397.63	4099961.22	12.85227	(07011518)	672422.37	4099962.52	12.41070	(07011518)
672447.11	4099963.83	11.83979	(07011518)	669798.91	4100915.22	10.04297	(06012509)
669788.29	4100937.72	10.53256	(06012509)	669777.67	4100960.23	11.01679	(06012509)
669767.05	4100982.74	11.49927	(06012509)	669756.43	4101005.24	11.98264	(06012509)
669745.81	4101027.75	12.47023	(06012509)	669735.19	4101050.25	12.95991	(06012509)
669724.57	4101072.76	13.45052	(06012509)	669713.95	4101095.26	13.93919	(06012509)
669703.33	4101117.77	14.42156	(06012509)	669692.71	4101140.27	14.88770	(06012509)
669682.09	4101162.78	15.32875	(06012509)	669671.47	4101185.28	15.73711	(06012509)
669660.85	4101207.79	16.10673	(06012509)	669650.23	4101230.30	16.43260	(06012509)
669639.61	4101252.80	16.70806	(06012509)	669628.99	4101275.31	16.93594	(06012509)
669618.37	4101297.81	17.11855	(06012509)	669607.75	4101320.32	17.25921	(06012509)
669597.12	4101342.82	17.36144	(06012509)	669586.50	4101365.33	17.43427	(06012509)
669575.88	4101387.83	17.48252	(06012509)	669565.26	4101410.34	17.51058	(06012509)
669554.64	4101432.84	17.52426	(06012509)	669544.02	4101455.35	17.52774	(06012509)
669533.40	4101477.85	17.52405	(06012509)	669522.78	4101500.36	17.51617	(06012509)
669512.16	4101522.87	17.50393	(06012509)	669501.54	4101545.37	17.48996	(06012509)
669490.92	4101567.88	17.47414	(06012509)	669480.30	4101590.38	17.45840	(06012509)
669469.68	4101612.89	17.44119	(06012509)	669459.06	4101635.39	17.42436	(06012509)
669448.44	4101657.90	17.40709	(06012509)	669437.82	4101680.40	17.45497	(06012509)
669427.20	4101702.91	17.43729	(06012509)	669416.58	4101725.41	17.41827	(06012509)
669405.95	4101747.92	17.39888	(06012509)	669395.33	4101770.43	17.37911	(06012509)
669384.71	4101792.93	17.35748	(06012509)	669374.09	4101815.44	17.33535	(06012509)
669363.47	4101837.94	17.31054	(06012509)	669352.85	4101860.45	17.28373	(06012509)
669342.23	4101882.95	17.25261	(06012509)	669331.61	4101905.46	17.21766	(06012509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669320.99	4101927.96	17.17678	(06012509)	669310.37	4101950.47	17.12836	(06012509)
669299.75	4101972.97	17.07035	(06012509)	669289.13	4101995.48	17.00206	(06012509)
669278.51	4102017.99	16.91936	(06012509)	669267.89	4102040.49	16.82107	(06012509)
669257.27	4102063.00	16.70450	(06012509)	669246.65	4102085.50	16.56619	(06012509)
669236.03	4102108.01	16.40463	(06012509)	669225.41	4102130.51	16.21629	(06012509)
669214.78	4102153.02	15.99940	(06012509)	669204.16	4102175.52	15.75074	(06012509)
669193.54	4102198.03	15.47007	(06012509)	669182.92	4102220.53	15.15691	(06012509)
669172.30	4102243.04	14.81048	(06012509)	669161.68	4102265.55	14.43166	(06012509)
669151.06	4102288.05	14.19928c	(06011109)	669140.44	4102310.56	14.18727c	(06011109)
669129.82	4102333.06	14.17496c	(06011109)	669119.20	4102355.57	14.16206c	(06011109)
669108.58	4102378.07	14.14818c	(06011109)	669097.96	4102400.58	14.13342c	(06011109)
669087.34	4102423.08	14.11847c	(06011109)	669076.72	4102445.59	14.10327c	(06011109)
669066.10	4102468.09	14.08623c	(06011109)	669055.48	4102490.60	14.06800c	(06011109)
669044.86	4102513.10	14.04833c	(06011109)	669034.24	4102535.61	14.02616c	(06011109)
669023.62	4102558.12	14.00147c	(06011109)	669012.99	4102580.62	13.97278c	(06011109)
669002.37	4102603.13	13.93913c	(06011109)	668991.75	4102625.63	13.89942c	(06011109)
668981.13	4102648.14	13.85244c	(06011109)	668970.51	4102670.64	13.79635c	(06011109)
668959.89	4102693.15	13.72948c	(06011109)	668949.27	4102715.65	13.65073c	(06011109)
668938.65	4102738.16	13.55871c	(06011109)	668928.03	4102760.66	13.45176c	(06011109)
668917.41	4102783.17	13.32802c	(06011109)	668906.79	4102805.68	13.18743c	(06011109)
668896.17	4102828.18	13.03067c	(06011109)	668885.55	4102850.69	13.02873	(08011009)
668874.93	4102873.19	13.42160	(08011009)	668864.31	4102895.70	13.79946	(08011009)
668853.69	4102918.20	14.15716	(08011009)	668843.07	4102940.71	14.49110	(08011009)
668832.45	4102963.21	14.79724	(08011009)	668821.82	4102985.72	15.07398	(08011009)
670622.36	4103862.89	47.13794	(05123003)	670645.08	4103870.77	47.08111	(05123003)
670667.81	4103878.64	46.53991	(05123003)	670690.54	4103886.52	46.36967	(05022706)
670713.26	4103894.39	48.71249	(05022706)	670735.99	4103902.26	48.69608	(05022706)
670758.72	4103910.14	52.56196	(05022706)	670781.45	4103918.01	70.81608	(08122809)
670804.17	4103925.89	92.99449	(08010221)	670826.90	4103933.76	95.48009	(08010221)
670849.63	4103941.63	87.39908	(08010221)	670872.36	4103949.51	82.21095	(08010221)
670895.08	4103957.38	81.57505	(05010206)	670917.81	4103965.26	90.85944	(05010206)
670940.54	4103973.13	97.23944	(05010206)	670963.27	4103981.01	100.63811	(05010206)
670985.99	4103988.88	100.68207	(05010206)	671008.72	4103996.75	96.88351	(05010206)
671031.45	4104004.63	88.77318	(05010206)	671054.17	4104012.50	79.20428	(04122421)
671076.90	4104020.38	72.68855	(06122024)	671099.63	4104028.25	67.28650	(06122024)
671122.36	4104036.13	62.38618	(06011706)	671145.08	4104044.00	57.44930	(06011706)
671167.81	4104051.87	52.63885	(06011706)	671190.54	4104059.75	48.52933	(07122906)
671213.27	4104067.62	48.29151	(07122906)	670599.31	4103872.59	46.45723	(05123003)
670636.90	4103894.39	45.74008	(05123003)	670659.63	4103902.26	44.82050	(05123003)
670682.35	4103910.14	46.66953	(05022706)	670705.08	4103918.01	48.80273	(05022706)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670727.81	4103925.89	48.05498	(05022706)	670750.54	4103933.76	54.40497	(05022706)
670773.26	4103941.63	72.46000	(08122809)	670795.99	4103949.51	92.12113	(08010221)
670818.72	4103957.38	89.92477	(08010221)	670841.44	4103965.26	82.56589	(08010221)
670864.17	4103973.13	78.06542	(08010221)	670886.90	4103981.01	79.40171	(05010206)
670909.63	4103988.88	88.21025	(05010206)	670932.35	4103996.75	94.20004	(05010206)
670955.08	4104004.63	97.18272	(05010206)	670977.81	4104012.50	96.91204	(05010206)
671000.54	4104020.38	92.99038	(05010206)	671023.26	4104028.25	85.13124	(05010206)
671045.99	4104036.13	76.21062	(04122421)	671068.72	4104044.00	69.70807	(06122024)
671091.44	4104051.87	65.00836	(06122024)	671114.17	4104059.75	60.07467	(06011706)
671136.90	4104067.62	55.66591	(06011706)	671159.63	4104075.50	51.29859	(06011706)
671182.35	4104083.37	47.12007	(06011706)	671205.08	4104091.24	46.09378	(07122906)
670591.13	4103896.21	45.51231	(05123003)	670561.84	4103847.99	45.60677	(05123003)
670628.71	4103918.01	44.05872	(05123003)	670651.44	4103925.89	44.59346	(05022706)
670674.17	4103933.76	46.84582	(05022706)	670696.90	4103941.63	48.77186	(05022706)
670719.62	4103949.51	47.82337	(05022706)	670742.35	4103957.38	56.32502	(08122809)
670765.08	4103965.26	75.36290	(08010221)	670787.81	4103973.13	90.40203	(08010221)
670810.53	4103981.01	84.89609	(08010221)	670833.26	4103988.88	77.93811	(08010221)
670855.99	4103996.75	74.20680	(08010221)	670878.71	4104004.63	77.46979	(05010206)
670901.44	4104012.50	85.79684	(05010206)	670924.17	4104020.38	91.45853	(05010206)
670946.90	4104028.25	94.03446	(05010206)	670969.62	4104036.12	93.41621	(05010206)
670992.35	4104044.00	89.39613	(05010206)	671015.08	4104051.87	81.78984	(05010206)
671037.81	4104059.75	73.46274	(04122421)	671060.53	4104067.62	67.13803	(04122421)
671083.26	4104075.50	62.83274	(06122024)	671105.99	4104083.37	58.29685	(06122024)
671128.72	4104091.24	53.89443	(06011706)	671151.44	4104099.12	49.93624	(06011706)
671174.17	4104106.99	46.09361	(06011706)	671196.90	4104114.87	43.73652	(07122906)
670582.94	4103919.83	44.24074	(05123003)	670553.22	4103891.97	44.98616	(05123003)
670538.80	4103857.68	44.80523	(05123003)	670620.53	4103941.63	42.52960	(05022706)
670643.26	4103949.51	44.83671	(05022706)	670665.98	4103957.38	46.87530	(05022706)
670688.71	4103965.26	48.17289	(05022706)	670711.44	4103973.13	48.15408	(05022706)
670734.17	4103981.00	59.68399	(08122809)	670756.89	4103988.88	78.39947	(08010221)
670779.62	4103996.75	87.29369	(08010221)	670802.35	4104004.63	80.11707	(08010221)
670825.08	4104012.50	73.80853	(08010221)	670847.80	4104020.38	70.76556	(08010221)
670870.53	4104028.25	75.89877	(05010206)	670893.26	4104036.12	83.82106	(05010206)
670915.98	4104044.00	89.07359	(05010206)	670938.71	4104051.87	91.05930	(05010206)
670961.44	4104059.75	90.16079	(05010206)	670984.17	4104067.62	86.06026	(05010206)
671006.89	4104075.50	78.71181	(05010206)	671029.62	4104083.37	70.91777	(04122421)
671052.35	4104091.24	65.16227	(04122421)	671075.08	4104099.12	60.75651	(06122024)
671097.80	4104106.99	56.71787	(06122024)	671120.53	4104114.87	52.48109	(06122024)
671143.26	4104122.74	48.55818	(06011706)	671165.99	4104130.62	45.02998	(06011706)
671188.71	4104138.49	41.63989	(06011706)	670566.57	4103967.08	40.88981	(05123003)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670536.85	4103939.22	42.94908	(05123003)	670507.13	4103911.36	43.43883	(05123003)
670492.71	4103877.07	43.16917	(05123003)	670493.58	4103836.34	42.65200	(05123003)
670604.16	4103988.88	43.01672	(05022706)	670626.89	4103996.75	44.95062	(05022706)
670649.62	4104004.63	46.47072	(05022706)	670672.34	4104012.50	45.83753	(05022706)
670695.07	4104020.38	48.91328	(05022706)	670717.80	4104028.25	63.37016	(08122809)
670740.53	4104036.12	78.96580	(08010221)	670763.25	4104044.00	79.55814	(08010221)
670785.98	4104051.87	73.31230	(08010221)	670808.71	4104059.75	69.98619	(08010221)
670831.43	4104067.62	66.60146	(08010221)	670854.16	4104075.50	75.14572	(05010206)
670876.89	4104083.37	81.71368	(05010206)	670899.62	4104091.24	84.42602	(05010206)
670922.34	4104099.12	85.62582	(05010206)	670945.07	4104106.99	84.25769	(05010206)
670967.80	4104114.87	80.04071	(05010206)	670990.53	4104122.74	73.22332	(05010206)
671013.25	4104130.61	66.34594	(04122421)	671035.98	4104138.49	61.52989	(04122421)
671058.71	4104146.36	56.89581	(06122024)	671081.43	4104154.24	53.68813	(06122024)
671104.16	4104162.11	50.19833	(06122024)	671126.89	4104169.99	46.59787	(06122024)
671149.62	4104177.86	43.03183	(06122024)	671172.34	4104185.73	39.92866	(06011706)
670548.08	4104012.33	39.35922	(05022706)	670531.10	4103996.41	38.95479	(05123003)
670514.12	4103980.49	40.36839	(05123003)	670497.13	4103964.57	41.33642	(05123003)
670480.15	4103948.65	41.83233	(05123003)	670463.17	4103932.74	41.87904	(05123003)
670446.68	4103893.55	41.50656	(05123003)	670447.18	4103870.27	41.24589	(05123003)
670447.68	4103847.00	40.82512	(05123003)	670448.18	4103823.73	40.28680	(05123003)
670448.67	4103800.46	39.67752	(05123003)	670449.17	4103777.19	39.02195	(05123003)
670565.07	4104028.25	41.24339	(05022706)	670587.79	4104036.12	43.05040	(05022706)
670610.52	4104044.00	44.49763	(05022706)	670633.25	4104051.87	45.42417	(05022706)
670655.97	4104059.75	44.29015	(05022706)	670678.70	4104067.62	52.03635	(08122809)
670701.43	4104075.49	66.94728	(08010221)	670724.16	4104083.37	75.71819	(08010221)
670746.88	4104091.24	77.86921	(08010221)	670769.61	4104099.12	76.62948	(08010221)
670792.34	4104106.99	71.95341	(08010221)	670815.07	4104114.87	68.11624	(05010206)
670837.79	4104122.74	71.99368	(05010206)	670860.52	4104130.61	75.70999	(05010206)
670883.25	4104138.49	78.89425	(05010206)	670905.97	4104146.36	80.07126	(05010206)
670928.70	4104154.24	78.72245	(05010206)	670951.43	4104162.11	74.74126	(05010206)
670974.16	4104169.99	68.43493	(05010206)	670996.88	4104177.86	62.33411	(04122421)
671019.61	4104185.73	58.27740	(04122421)	671042.34	4104193.61	53.37583	(06122024)
671065.07	4104201.48	50.83092	(06122024)	671087.79	4104209.36	47.96691	(06122024)
671110.52	4104217.23	44.91983	(06122024)	671133.25	4104225.10	41.81440	(06122024)
671155.98	4104232.98	38.74328	(06122024)	670532.19	4104060.02	39.76290	(05022706)
670515.67	4104044.54	38.03268	(05022706)	670499.16	4104029.06	36.72013	(05123003)
670482.65	4104013.59	38.18658	(05123003)	670466.14	4103998.11	39.30221	(05123003)
670433.12	4103967.16	40.35391	(05123003)	670416.61	4103951.68	40.30408	(05123003)
670400.58	4103913.58	39.87594	(05123003)	670401.06	4103890.95	39.63038	(05123003)
670401.55	4103868.33	39.23290	(05123003)	670402.03	4103845.70	38.72585	(05123003)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670402.52	4103823.08	38.14904	(05123003)	670403.00	4103800.45	37.52060	(05123003)
670403.48	4103777.83	36.87722	(05123003)	670403.97	4103755.20	36.20118	(05123003)
670548.70	4104075.49	41.21968	(05022706)	670571.42	4104083.37	42.58329	(05022706)
670594.15	4104091.24	43.48856	(05022706)	670616.88	4104099.12	43.35683	(05022706)
670639.61	4104106.99	44.64329	(08122809)	670662.33	4104114.86	53.84667	(08122809)
670685.06	4104122.74	60.46141	(08010221)	670707.79	4104130.61	66.43779	(08010221)
670730.52	4104138.49	73.11878	(08010221)	670753.24	4104146.36	72.90423	(08010221)
670775.97	4104154.24	66.49342	(08010221)	670798.70	4104162.11	64.03676	(05010206)
670821.42	4104169.98	67.34258	(05010206)	670844.15	4104177.86	71.54359	(05010206)
670866.88	4104185.73	74.42974	(05010206)	670889.61	4104193.61	75.36438	(05010206)
670912.33	4104201.48	73.91207	(05010206)	670935.06	4104209.36	70.06317	(05010206)
670957.79	4104217.23	64.22955	(05010206)	670980.52	4104225.10	58.76813	(04122421)
671003.24	4104232.98	55.33135	(04122421)	671025.97	4104240.85	50.95406	(04122421)
671048.70	4104248.73	48.15226	(06122024)	671071.42	4104256.60	45.81149	(06122024)
671094.15	4104264.48	43.24215	(06122024)	671116.88	4104272.35	40.55652	(06122024)
671139.61	4104280.22	37.82784	(06122024)	670504.90	4104138.76	39.45851	(05022706)
670488.39	4104123.28	38.33907	(05022706)	670471.88	4104107.81	36.91497	(05022706)
670455.37	4104092.33	35.28249	(05030309)	670438.86	4104076.85	34.80024	(05030309)
670405.84	4104045.90	36.39402	(05123003)	670389.33	4104030.42	37.22760	(05123003)
670372.82	4104014.95	37.72445	(05123003)	670356.31	4103999.47	37.88932	(05123003)
670339.79	4103983.99	37.73755	(05123003)	670323.77	4103945.89	37.23602	(05123003)
670324.25	4103923.26	36.98688	(05123003)	670324.73	4103900.64	36.59855	(05123003)
670325.22	4103878.01	36.11379	(05123003)	670325.70	4103855.39	35.55627	(05123003)
670326.19	4103832.76	34.95637	(05123003)	670326.67	4103810.14	34.33197	(05123003)
670327.15	4103787.51	33.68558	(05123003)	670327.64	4103764.89	33.02923	(05123003)
670328.12	4103742.26	32.36757	(05123003)	670328.60	4103719.64	31.70951	(05123003)
670521.42	4104154.23	40.18042	(05022706)	670544.14	4104162.11	40.72369	(05022706)
670566.87	4104169.98	41.31563	(08122809)	670589.60	4104177.86	41.15975	(08122809)
670612.32	4104185.73	47.91273	(08122809)	670635.05	4104193.61	51.26827	(08010221)
670657.78	4104201.48	57.56290	(08010221)	670680.51	4104209.35	65.12171	(08010221)
670703.23	4104217.23	64.80082	(08010221)	670725.96	4104225.10	60.01541	(08010221)
670748.69	4104232.98	55.72266	(05010206)	670771.42	4104240.85	60.96139	(05010206)
670794.14	4104248.73	65.36061	(05010206)	670816.87	4104256.60	67.33872	(05010206)
670839.60	4104264.47	68.65256	(05010206)	670862.33	4104272.35	68.68029	(05010206)
670885.05	4104280.22	66.95955	(05010206)	670907.78	4104288.10	63.37041	(05010206)
670930.51	4104295.97	58.21495	(05010206)	670953.23	4104303.85	53.61034	(04122421)
670975.96	4104311.72	50.97492	(04122421)	670998.69	4104319.59	47.49475	(04122421)
671021.42	4104327.47	44.08190	(06122024)	671044.14	4104335.34	42.41669	(06122024)
671066.87	4104343.22	40.50292	(06122024)	671089.60	4104351.09	38.45359	(06122024)
671112.33	4104358.96	36.43700	(06122024)	670477.62	4104217.50	38.04233	(05022706)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670461.11	4104202.02	37.61269	(05022706)	670444.60	4104186.55	36.79792	(05022706)
670428.09	4104171.07	35.66860	(05022706)	670411.58	4104155.59	35.00239	(05030309)
670395.07	4104140.12	34.62205	(05030309)	670362.05	4104109.16	33.29984	(05030309)
670345.54	4104093.69	33.64603	(05123003)	670329.02	4104078.21	34.52433	(05123003)
670312.51	4104062.73	35.13332	(05123003)	670296.00	4104047.26	35.45861	(05123003)
670279.49	4104031.78	35.49770	(05123003)	670262.98	4104016.30	35.27452	(05123003)
670246.95	4103978.20	34.72940	(05123003)	670247.44	4103955.58	34.47940	(05123003)
670247.92	4103932.95	34.10527	(05123003)	670248.40	4103910.33	33.65249	(05123003)
670248.89	4103887.70	33.12537	(05123003)	670249.37	4103865.07	32.55908	(05123003)
670249.85	4103842.45	31.96721	(05123003)	670250.34	4103819.82	31.36205	(05123003)
670250.82	4103797.20	30.74681	(05123003)	670251.31	4103774.57	30.13004	(05123003)
670251.79	4103751.95	29.51765	(05123003)	670252.27	4103729.32	28.91327	(05123003)
670252.76	4103706.70	28.32000	(05123003)	670253.24	4103684.07	28.16860	(05122403)
670494.13	4104232.98	38.67028	(08122809)	670516.86	4104240.85	39.19838	(08122809)
670539.59	4104248.72	38.23016	(08122809)	670562.32	4104256.60	42.29119	(08122809)
670585.04	4104264.47	51.85030	(08010221)	670607.77	4104272.35	57.08371	(08010221)
670630.50	4104280.22	58.64196	(08010221)	670653.23	4104288.10	58.29094	(08010221)
670675.95	4104295.97	57.73215	(08010221)	670698.68	4104303.84	55.00194	(08010221)
670721.41	4104311.72	58.68942	(05010206)	670744.13	4104319.59	63.61568	(05010206)
670766.86	4104327.47	65.46483	(05010206)	670789.59	4104335.34	64.53882	(05010206)
670812.32	4104343.22	63.97716	(05010206)	670835.04	4104351.09	63.18860	(05010206)
670857.77	4104358.96	61.19880	(05010206)	670880.50	4104366.84	57.77246	(05010206)
670903.23	4104374.71	53.17508	(05010206)	670925.95	4104382.59	49.25079	(04122421)
670948.68	4104390.46	47.25654	(04122421)	670971.41	4104398.34	44.51342	(04122421)
670994.14	4104406.21	41.36749	(06122024)	671016.86	4104414.08	40.66201	(06122024)
671039.59	4104421.96	39.06650	(06122024)	671062.32	4104429.83	37.24155	(06122024)
671085.04	4104437.71	35.45280	(06122024)	670449.37	4104295.33	36.93530	(08122809)
670431.89	4104278.94	36.39684	(08122809)	670414.41	4104262.56	35.67093	(05022706)
670396.92	4104246.17	35.01386	(05022706)	670379.44	4104229.78	34.66679	(05030309)
670361.96	4104213.40	34.60709	(05030309)	670344.48	4104197.01	34.24760	(05030309)
670327.00	4104180.62	33.64725	(05030309)	670309.51	4104164.23	32.85194	(05030309)
670292.03	4104147.85	31.89766	(05030309)	670274.55	4104131.46	31.68255	(05123003)
670257.07	4104115.07	32.46788	(05123003)	670239.58	4104098.69	32.99652	(05123003)
670222.10	4104082.30	33.25238	(05123003)	670204.62	4104065.91	33.23596	(05123003)
670187.14	4104049.53	32.97050	(05123003)	670170.17	4104009.18	32.37037	(05123003)
670170.68	4103985.23	32.10290	(05123003)	670171.19	4103961.27	31.71730	(05123003)
670171.70	4103937.31	31.24937	(05123003)	670172.22	4103913.36	30.72477	(05123003)
670172.73	4103889.40	30.16120	(05123003)	670173.24	4103865.44	29.56984	(05123003)
670173.75	4103841.49	28.97813	(05123003)	670174.26	4103817.53	28.37619	(05123003)
670174.78	4103793.58	27.78219	(05123003)	670175.29	4103769.62	27.19898	(05123003)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670175.80	4103745.66	26.62726	(05123003)	670176.31	4103721.71	26.07423	(05123003)
670176.82	4103697.75	25.65884	(05122403)	670177.34	4103673.79	25.68696	(05122403)
670177.85	4103649.84	25.59771	(05122403)	670466.85	4104311.72	37.05072	(08122809)
670489.58	4104319.59	35.59862	(08122809)	670512.31	4104327.47	37.28259	(08122809)
670535.04	4104335.34	46.97933	(08010221)	670557.76	4104343.21	52.26387	(08010221)
670580.49	4104351.09	50.83658	(08010221)	670603.22	4104358.96	47.99955	(08010221)
670625.94	4104366.84	47.31569	(08010221)	670648.67	4104374.71	45.49137	(08010221)
670671.40	4104382.59	45.72225	(05010206)	670694.13	4104390.46	51.15076	(05010206)
670716.85	4104398.33	55.49811	(05010206)	670739.58	4104406.21	58.93058	(05010206)
670762.31	4104414.08	61.11418	(05010206)	670785.04	4104421.96	61.50518	(05010206)
670807.76	4104429.83	60.32975	(05010206)	670830.49	4104437.71	57.78548	(05010206)
670853.22	4104445.58	54.11217	(05010206)	670875.94	4104453.45	49.71093	(05010206)
670898.67	4104461.33	46.24643	(04122421)	670921.40	4104469.20	44.54204	(04122421)
670944.13	4104477.08	42.15664	(04122421)	670966.85	4104484.95	39.25017	(04122421)
670989.58	4104492.82	37.93028	(06122024)	671012.31	4104500.70	36.77543	(06122024)
671035.04	4104508.57	35.51220	(06122024)	671057.76	4104516.45	34.15540	(06122024)
670367.86	4104531.87	29.95507	(08122809)	670350.72	4104515.80	31.37747	(08122809)
670333.57	4104499.73	31.89568	(08122809)	670316.43	4104483.65	32.09965	(08122809)
670299.28	4104467.58	32.00120	(08122809)	670282.13	4104451.51	31.62038	(08122809)
670264.99	4104435.44	31.96055	(05030309)	670247.84	4104419.37	32.82574	(05030309)
670230.70	4104403.29	33.30393	(05030309)	670213.55	4104387.22	33.42677	(05030309)
670196.40	4104371.15	33.24810	(05030309)	670179.26	4104355.08	32.79694	(05030309)
670162.11	4104339.01	32.12315	(05030309)	670144.96	4104322.93	31.27496	(05030309)
670127.82	4104306.86	30.26083	(05030309)	670110.67	4104290.79	29.12673	(05030309)
670093.53	4104274.72	27.88536	(05030309)	670076.38	4104258.65	26.73658	(04111009)
670059.23	4104242.58	26.86485	(04111009)	670042.09	4104226.50	26.92251	(05123003)
670024.94	4104210.43	27.24095	(05123003)	670007.80	4104194.36	27.38992	(05123003)
669990.65	4104178.29	27.38030	(05123003)	669973.50	4104162.22	27.21384	(05123003)
669956.36	4104146.14	26.90993	(05123003)	669939.71	4104106.58	26.37706	(05123003)
669940.22	4104083.08	26.17505	(05123003)	669940.72	4104059.59	25.89865	(05123003)
669941.22	4104036.09	25.56686	(05123003)	669941.72	4104012.59	25.19588	(05123003)
669942.23	4103989.10	24.79935	(05123003)	669942.73	4103965.60	24.38414	(05123003)
669943.23	4103942.11	23.96347	(05123003)	669943.73	4103918.61	23.54795	(05123003)
669944.24	4103895.12	23.13664	(05123003)	669944.74	4103871.62	22.73517	(05123003)
669945.24	4103848.13	22.34729	(05123003)	669945.74	4103824.63	21.97004	(05123003)
669946.24	4103801.13	21.61123	(05123003)	669946.75	4103777.64	21.26490	(05123003)
669947.25	4103754.14	20.93349	(05123003)	669947.75	4103730.65	20.61500	(05123003)
669948.25	4103707.15	20.34651	(07122918)	669948.76	4103683.66	20.32853	(07122918)
669949.26	4103660.16	20.29114	(07122918)	669949.76	4103636.67	20.24183	(07122918)
669950.26	4103613.17	20.23444	(06122118)	669950.76	4103589.67	20.62308	(06122118)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669951.27	4103566.18	20.96583	(06122118)	669951.77	4103542.68	21.23182	(06122118)
670385.01	4104547.94	32.50410	(05010518)	670407.74	4104555.82	40.26243	(05010518)
670430.46	4104563.69	40.43991	(08010221)	670453.19	4104571.56	38.60147	(08010221)
670475.92	4104579.44	35.96265	(08010221)	670498.65	4104587.31	33.80348	(08010221)
670521.37	4104595.19	32.93591	(06122009)	670544.10	4104603.06	33.67446	(06122009)
670566.83	4104610.94	35.30229	(05010206)	670589.56	4104618.81	39.75078	(05010206)
670612.28	4104626.68	43.48996	(05010206)	670635.01	4104634.56	46.04966	(05010206)
670657.74	4104642.43	47.54581	(05010206)	670680.46	4104650.31	48.24203	(05010206)
670703.19	4104658.18	48.11424	(05010206)	670725.92	4104666.05	47.24637	(05010206)
670748.65	4104673.93	45.44269	(05010206)	670771.37	4104681.80	42.88065	(05010206)
670794.10	4104689.68	39.83488	(05010206)	670816.83	4104697.55	37.49525	(04122421)
670839.56	4104705.43	36.80997	(04122421)	670862.28	4104713.30	35.56233	(04122421)
670885.01	4104721.17	33.84491	(04122421)	670907.74	4104729.05	31.72790	(04122421)
670930.47	4104736.92	30.87440	(06122024)	670953.19	4104744.80	30.27701	(06122024)
670975.92	4104752.67	29.54631	(06122024)	670285.68	4104767.78	32.49112	(08010221)
670268.20	4104751.39	34.29656	(05010518)	670250.72	4104735.00	27.91113	(05010518)
670233.24	4104718.62	26.14066	(08122809)	670215.76	4104702.23	27.07050	(08122809)
670198.27	4104685.84	27.63869	(08122809)	670180.79	4104669.46	27.96963	(08122809)
670163.31	4104653.07	28.05595	(08122809)	670145.83	4104636.68	27.98821	(05030309)
670128.34	4104620.29	29.54023	(05030309)	670110.86	4104603.91	30.74234	(05030309)
670093.38	4104587.52	31.58714	(05030309)	670075.90	4104571.13	32.08284	(05030309)
670058.41	4104554.75	32.24504	(05030309)	670040.93	4104538.36	32.11221	(05030309)
670023.45	4104521.97	31.70196	(05030309)	670005.97	4104505.59	31.06847	(05030309)
669988.49	4104489.20	30.23986	(05030309)	669971.00	4104472.81	29.23600	(05030309)
669953.52	4104456.42	28.09827	(05030309)	669936.04	4104440.04	26.84776	(05030309)
669918.56	4104423.65	25.93834	(04111009)	669901.07	4104407.26	26.27495	(04111009)
669883.59	4104390.88	26.47653	(04111009)	669866.11	4104374.49	26.55913	(04111009)
669848.63	4104358.10	26.54440	(04111009)	669831.15	4104341.72	26.44987	(04111009)
669813.66	4104325.33	26.27597	(04111009)	669796.18	4104308.94	26.03220	(04111009)
669778.70	4104292.55	25.72087	(04111009)	669761.22	4104276.17	25.33581	(04111009)
669743.73	4104259.78	24.87642	(04111009)	669726.25	4104243.39	24.34344	(04111009)
669709.28	4104203.05	23.25358	(04111009)	669709.79	4104179.09	22.73416	(04111009)
669710.31	4104155.14	22.16629	(04111009)	669710.82	4104131.18	21.55351	(04111009)
669711.33	4104107.23	21.16053	(05123003)	669711.84	4104083.27	20.90029	(05123003)
669712.35	4104059.31	20.63088	(05123003)	669712.87	4104035.36	20.35165	(05123003)
669713.38	4104011.40	20.07558	(05123003)	669713.89	4103987.44	19.80170	(05123003)
669714.40	4103963.49	19.53391	(05123003)	669714.92	4103939.53	19.27404	(05123003)
669715.43	4103915.58	19.02009	(05123003)	669715.94	4103891.62	18.79757	(07122721)
669716.45	4103867.66	18.76473	(07122721)	669716.96	4103843.71	18.72498	(07122721)
669717.48	4103819.75	18.68072	(07122721)	669717.99	4103795.79	18.62552	(07122721)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669718.50	4103771.84	18.60277	(07122918)	669719.01	4103747.88	18.64841	(07122918)
669719.52	4103723.93	18.66138	(07122918)	669720.04	4103699.97	18.65330	(07122918)
669720.55	4103676.01	18.62871	(07122918)	669721.06	4103652.06	18.59671	(07122918)
669721.57	4103628.10	18.55353	(07122918)	669722.09	4103604.14	18.50717	(07122918)
669722.60	4103580.19	18.45674	(07122918)	669723.11	4103556.23	18.40760	(07122918)
669723.62	4103532.28	18.37452	(05120803)	669724.13	4103508.32	18.55730	(05120803)
669724.65	4103484.36	18.66562	(05120803)	669725.16	4103460.41	18.71717	(05120803)
669725.67	4103436.45	18.73189	(05120803)	670303.17	4104784.16	31.28169	(08010221)
670325.89	4104792.04	29.82466	(08010221)	670348.62	4104799.91	29.48503	(08010221)
670371.35	4104807.79	29.08563	(08010221)	670394.08	4104815.66	28.37003	(08010221)
670416.80	4104823.54	28.66234	(06122009)	670439.53	4104831.41	29.23644	(05010206)
670462.26	4104839.28	32.91072	(05010206)	670484.98	4104847.16	36.11554	(05010206)
670507.71	4104855.03	38.83682	(05010206)	670530.44	4104862.91	40.35754	(05010206)
670553.17	4104870.78	40.34765	(05010206)	670575.89	4104878.66	40.65174	(05010206)
670598.62	4104886.53	41.27748	(05010206)	670621.35	4104894.40	42.44489	(05010206)
670644.08	4104902.28	42.13704	(05010206)	670666.80	4104910.15	40.86492	(05010206)
670689.53	4104918.03	39.65138	(05010206)	670712.26	4104925.90	37.66168	(05010206)
670734.99	4104933.78	35.72000	(04122421)	670757.71	4104941.65	35.53256	(04122421)
670780.44	4104949.52	34.87346	(04122421)	670803.17	4104957.40	34.10791	(04122421)
670825.89	4104965.27	32.99062	(04122421)	670848.62	4104973.15	30.79026	(04122421)
670871.35	4104981.02	28.49098	(06122024)	670894.08	4104988.89	27.64537	(06122024)
670122.00	4105240.23	19.20822	(06122009)	670104.52	4105223.84	19.97483	(05010518)
670087.03	4105207.45	20.72597	(05010518)	670069.55	4105191.06	21.30670	(05010518)
670052.07	4105174.68	21.66481	(05010518)	670034.59	4105158.29	21.71569	(05010518)
670017.10	4105141.90	21.48134	(05010518)	669999.62	4105125.52	21.82472	(08010221)
669982.14	4105109.13	22.20407	(08010221)	669964.66	4105092.74	22.52513	(08010221)
669947.17	4105076.36	22.74587	(08010221)	669929.69	4105059.97	23.06304	(08010221)
669912.21	4105043.58	23.46603	(08010221)	669894.73	4105027.19	23.18556	(08010221)
669877.25	4105010.81	25.04048	(06020621)	669859.76	4104994.42	24.37052	(05030309)
669842.28	4104978.03	25.92854	(05030309)	669824.80	4104961.65	27.27718	(05030309)
669807.32	4104945.26	28.36215	(05030309)	669789.83	4104928.87	29.18273	(05030309)
669772.35	4104912.49	29.73445	(05030309)	669754.87	4104896.10	30.01175	(05030309)
669737.39	4104879.71	30.04035	(05030309)	669719.91	4104863.32	29.82008	(05030309)
669702.42	4104846.94	29.37603	(05030309)	669684.94	4104830.55	28.74067	(05030309)
669667.46	4104814.16	27.92960	(05030309)	669649.98	4104797.78	26.96802	(05030309)
669632.49	4104781.39	25.87554	(05030309)	669615.01	4104765.00	24.68652	(05030309)
669597.53	4104748.61	23.71934	(04111009)	669580.05	4104732.23	24.40515	(04111009)
669562.57	4104715.84	24.93624	(04111009)	669545.08	4104699.45	25.32368	(04111009)
669527.60	4104683.07	25.58469	(04111009)	669510.12	4104666.68	25.71815	(04111009)
669492.64	4104650.29	25.74653	(04111009)	669475.15	4104633.91	25.66772	(04111009)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669457.67	4104617.52	25.50797	(04111009)	669440.19	4104601.13	25.25147	(04111009)
669422.71	4104584.74	24.92680	(04111009)	669405.22	4104568.36	24.52107	(04111009)
669387.74	4104551.97	24.03725	(04111009)	669370.26	4104535.58	23.48636	(04111009)
669352.78	4104519.20	22.86509	(04111009)	669335.30	4104502.81	22.17220	(04111009)
669317.81	4104486.42	21.42092	(04111009)	669300.33	4104470.04	20.61067	(04111009)
669282.85	4104453.65	19.73866	(04111009)	669265.37	4104437.26	18.82311	(04111009)
669248.40	4104396.92	18.12774	(04122409)	669248.91	4104372.96	17.92261	(04122409)
669249.42	4104349.01	17.68773	(04122409)	669249.93	4104325.05	17.42866	(04122409)
669250.45	4104301.09	17.14555	(04122409)	669250.96	4104277.14	16.84304	(04122409)
669251.47	4104253.18	16.63236	(07122721)	669251.98	4104229.22	16.84185	(07122721)
669252.49	4104205.27	16.99937	(07122721)	669253.01	4104181.31	17.10384	(07122721)
669253.52	4104157.36	17.16265	(07122721)	669254.03	4104133.40	17.18260	(07122721)
669254.54	4104109.44	17.16935	(07122721)	669255.05	4104085.49	17.12924	(07122721)
669255.57	4104061.53	17.06672	(07122721)	669256.08	4104037.57	16.98355	(07122721)
669256.59	4104013.62	16.87885	(07122721)	669257.10	4103989.66	16.75272	(07122721)
669257.62	4103965.71	16.60267	(07122721)	669258.13	4103941.75	16.42314	(07122721)
669258.64	4103917.79	16.21359	(07122721)	669259.15	4103893.84	15.97241	(07122721)
669259.66	4103869.88	15.81500	(07122918)	669260.18	4103845.93	15.91270	(07122918)
669260.69	4103821.97	15.98415	(07122918)	669261.20	4103798.01	16.03117	(07122918)
669261.71	4103774.06	16.05893	(07122918)	669262.22	4103750.10	16.07081	(07122918)
669262.74	4103726.14	16.07063	(07122918)	669263.25	4103702.19	16.05857	(07122918)
669263.76	4103678.23	16.03977	(07122918)	669264.27	4103654.28	16.01269	(07122918)
669264.79	4103630.32	15.98247	(07122918)	669265.30	4103606.36	15.94638	(07122918)
669265.81	4103582.41	15.90811	(07122918)	669266.32	4103558.45	15.86600	(07122918)
669266.83	4103534.49	15.82559	(08011009)	669267.35	4103510.54	16.25036	(08011009)
669267.86	4103486.58	16.61181	(08011009)	669268.37	4103462.63	16.90973	(08011009)
669268.88	4103438.67	17.14731	(08011009)	669269.39	4103414.71	17.33069	(08011009)
669269.91	4103390.76	17.46906	(08011009)	669270.42	4103366.80	17.56950	(08011009)
669270.93	4103342.84	17.63927	(08011009)	669271.44	4103318.89	17.68759	(08011009)
669271.96	4103294.93	17.71710	(08011009)	669272.47	4103270.98	17.73451	(08011009)
669272.98	4103247.02	17.74553	(08011009)	669273.49	4103223.06	17.74803	(08011009)
670139.48	4105256.61	19.76020	(06122009)	670162.21	4105264.49	20.37305	(06122009)
670184.93	4105272.36	20.93010	(06122009)	670207.66	4105280.24	21.40771	(06122009)
670230.39	4105288.11	24.20216	(05010206)	670253.12	4105295.98	27.03641	(05010206)
670275.84	4105303.86	29.50759	(05010206)	670298.57	4105311.73	31.71589	(05010206)
670321.30	4105319.61	33.39791	(05010206)	670344.03	4105327.48	34.55655	(05010206)
670366.75	4105335.35	35.24831	(05010206)	670389.48	4105343.23	35.19254	(05010206)
670412.21	4105351.10	34.61987	(05010206)	670434.93	4105358.98	33.89392	(05010206)
670457.66	4105366.85	33.00034	(05010206)	670480.39	4105374.73	31.84486	(05010206)
670503.12	4105382.60	30.16254	(05010206)	670525.84	4105390.47	28.52847	(05010206)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670548.57	4105398.35	27.31486	(05010206)	670571.30	4105406.22	26.13306	(04122421)
670594.03	4105414.10	26.39939	(04122421)	670616.75	4105421.97	26.33234	(04122421)
670639.48	4105429.85	25.93188	(04122421)	670662.21	4105437.72	25.09723	(04122421)
670684.93	4105445.59	23.83729	(04122421)	670707.66	4105453.47	22.32120	(04122421)
670730.39	4105461.34	20.57204	(04122421)	669958.31	4105712.67	16.45825	(06122009)
669940.83	4105696.29	16.27529	(06122009)	669923.35	4105679.90	16.04894	(06122009)
669905.86	4105663.51	15.75610	(06122009)	669888.38	4105647.12	16.13569	(05010518)
669870.90	4105630.74	16.86572	(05010518)	669853.42	4105614.35	17.49634	(05010518)
669835.93	4105597.96	17.99113	(05010518)	669818.45	4105581.58	18.32037	(05010518)
669800.97	4105565.19	18.48859	(05010518)	669783.49	4105548.80	18.48031	(05010518)
669766.01	4105532.42	18.30285	(05010518)	669748.52	4105516.03	17.97516	(05010518)
669731.04	4105499.64	18.02463	(08010221)	669713.56	4105483.25	18.44017	(08010221)
669696.08	4105466.87	18.75735	(08010221)	669678.59	4105450.48	19.07696	(08010221)
669661.11	4105434.09	21.28699	(08010221)	669643.63	4105417.71	21.22515	(08010221)
669626.15	4105401.32	19.76446	(08010221)	669608.67	4105384.93	18.14651	(05030309)
669591.18	4105368.55	19.71937	(05030309)	669573.70	4105352.16	21.28679	(05030309)
669556.22	4105335.77	22.76885	(05030309)	669538.74	4105319.38	24.15977	(05030309)
669521.25	4105303.00	25.38712	(05030309)	669503.77	4105286.61	26.36369	(05030309)
669486.29	4105270.22	27.11739	(05030309)	669468.81	4105253.84	27.65818	(05030309)
669451.33	4105237.45	27.98353	(05030309)	669433.84	4105221.06	28.09391	(05030309)
669416.36	4105204.68	27.99928	(05030309)	669398.88	4105188.29	27.71665	(05030309)
669381.40	4105171.90	27.25215	(05030309)	669363.91	4105155.51	26.61418	(05030309)
669346.43	4105139.13	25.83281	(05030309)	669328.95	4105122.74	24.92956	(05030309)
669311.47	4105106.35	23.91608	(05030309)	669293.98	4105089.97	22.81461	(05030309)
669276.50	4105073.58	21.64436	(05030309)	669259.02	4105057.19	22.01062	(04111009)
669241.54	4105040.81	22.78817	(04111009)	669224.06	4105024.42	23.43579	(04111009)
669206.57	4105008.03	23.95851	(04111009)	669189.09	4104991.64	24.35111	(04111009)
669171.61	4104975.26	24.62322	(04111009)	669154.13	4104958.87	24.78246	(04111009)
669136.64	4104942.48	24.83227	(04111009)	669119.16	4104926.10	24.78474	(04111009)
669101.68	4104909.71	24.63674	(04111009)	669084.20	4104893.32	24.39784	(04111009)
669066.72	4104876.94	24.07801	(04111009)	669049.23	4104860.55	23.67894	(04111009)
669031.75	4104844.16	23.20028	(04111009)	669014.27	4104827.77	22.65589	(04111009)
668996.79	4104811.39	22.04817	(04111009)	668979.30	4104795.00	21.37715	(04111009)
668961.82	4104778.61	20.64798	(04111009)	668944.34	4104762.23	19.86924	(04111009)
668926.86	4104745.84	19.04426	(04111009)	668909.38	4104729.45	18.17965	(04111009)
668891.89	4104713.07	17.28087	(04111009)	668874.41	4104696.68	16.35638	(04111009)
668856.93	4104680.29	16.13321	(04122409)	668839.45	4104663.90	15.95697	(04122409)
668821.96	4104647.52	15.72992	(04122409)	668804.48	4104631.13	15.46258	(04122409)
668787.51	4104590.79	14.93932	(04122409)	668788.02	4104566.83	14.69286	(04122409)
668788.54	4104542.87	14.42166	(04122409)	668789.05	4104518.92	14.13323	(04122409)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
668789.56	4104494.96	14.11455	(07122721)	668790.07	4104471.01	14.37334	(07122721)
668790.58	4104447.05	14.61489	(07122721)	668791.10	4104423.09	14.83456	(07122721)
668791.61	4104399.14	15.01918	(07122721)	668792.12	4104375.18	15.16329	(07122721)
668792.63	4104351.22	15.26042	(07122721)	668793.15	4104327.27	15.30826	(07122721)
668793.66	4104303.31	15.30935	(07122721)	668794.17	4104279.36	15.26442	(07122721)
668794.68	4104255.40	15.17385	(07122721)	668795.19	4104231.44	15.04611	(07122721)
668795.71	4104207.49	14.87786	(07122721)	668796.22	4104183.53	14.67336	(07122721)
668796.73	4104159.57	14.43706	(07122721)	668797.24	4104135.62	14.16492	(07122721)
668797.75	4104111.66	13.86052	(07122721)	668798.27	4104087.71	13.52447	(07122721)
668798.78	4104063.75	13.52158	(08011006)	668799.29	4104039.79	13.55132	(08011006)
668799.80	4104015.84	13.56528	(08011006)	668800.32	4103991.88	13.60582	(07122918)
668800.83	4103967.92	13.74698	(07122918)	668801.34	4103943.97	13.86483	(07122918)
668801.85	4103920.01	13.96044	(07122918)	668802.36	4103896.06	14.03696	(07122918)
668802.88	4103872.10	14.09377	(07122918)	668803.39	4103848.14	14.13416	(07122918)
668803.90	4103824.19	14.16105	(07122918)	668804.41	4103800.23	14.17480	(07122918)
668804.92	4103776.27	14.17796	(07122918)	668805.44	4103752.32	14.17086	(07122918)
668805.95	4103728.36	14.15496	(07122918)	668806.46	4103704.41	14.16246	(04012409)
668806.97	4103680.45	14.19402	(04012409)	668807.48	4103656.49	14.21604	(04012409)
668808.00	4103632.54	14.23713	(04012409)	668808.51	4103608.58	14.25541	(04012409)
668809.02	4103584.62	14.26911	(04012409)	668809.53	4103560.67	14.28364	(04012409)
668810.05	4103536.71	14.29525	(04012409)	668810.56	4103512.76	14.49836	(08011009)
668811.07	4103488.80	14.89846	(08011009)	668811.58	4103464.84	15.25729	(08011009)
668812.09	4103440.89	15.56927	(08011009)	668812.61	4103416.93	15.83645	(08011009)
668813.12	4103392.97	16.05798	(08011009)	668813.63	4103369.02	16.23705	(08011009)
668814.14	4103345.06	16.37757	(08011009)	668814.65	4103321.11	16.48296	(08011009)
668815.17	4103297.15	16.55759	(08011009)	668815.68	4103273.19	16.60343	(08011009)
668816.19	4103249.24	16.62474	(08011009)	668816.70	4103225.28	16.62312	(08011009)
668817.22	4103201.33	16.60097	(08011009)	668817.73	4103177.37	16.55355	(08011009)
668818.24	4103153.41	16.48384	(08011009)	668818.75	4103129.46	16.38674	(08011009)
668819.26	4103105.50	16.26077	(08011009)	668819.78	4103081.54	16.10204	(08011009)
668820.29	4103057.59	15.90659	(08011009)	668820.80	4103033.63	15.67033	(08011009)
668821.31	4103009.68	15.39354	(08011009)	669975.79	4105729.06	16.61024	(06122009)
669998.52	4105736.93	17.70752	(05010206)	670021.25	4105744.81	19.78983	(04011121)
670043.97	4105752.68	21.29697	(04011121)	670066.70	4105760.56	22.21352	(05010206)
670089.43	4105768.43	22.08241	(05010206)	670112.16	4105776.31	19.94196	(06122009)
670134.88	4105784.18	18.97957	(06122009)	670157.61	4105792.05	22.66687	(05010206)
670180.34	4105799.93	27.55414	(05010206)	670203.07	4105807.80	32.85032	(05010206)
670225.79	4105815.68	34.91508	(05010206)	670248.52	4105823.55	34.64082	(05010206)
670271.25	4105831.42	32.58777	(05010206)	670293.98	4105839.30	28.25713	(05010206)
670316.70	4105847.17	27.15736	(05010206)	670339.43	4105855.05	25.78705	(05010206)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670362.16	4105862.92	24.20603	(05010206)	670384.88	4105870.80	22.53518	(04121621)
670407.61	4105878.67	21.49704	(04121621)	670430.34	4105886.54	20.88995	(04122421)
670453.07	4105894.42	20.68998	(04122421)	670475.79	4105902.29	20.46448	(04122421)
670498.52	4105910.17	20.21542	(04122421)	670521.25	4105918.04	19.83948	(04122421)
670543.98	4105925.92	19.38157	(04122421)	670566.70	4105933.79	18.77038	(04122421)
671243.44	4104055.89	48.70143	(07122906)	671255.31	4104033.93	49.60042	(07122906)
671267.18	4104011.97	50.12461	(07122906)	671279.05	4103990.02	50.37414	(07122906)
671290.91	4103968.06	50.43207	(07122906)	671302.78	4103946.10	50.41080	(07122906)
671314.65	4103924.14	50.35250	(07122906)	671326.51	4103902.19	50.29755	(07122906)
671338.38	4103880.23	50.23562	(07122906)	671350.25	4103858.27	50.17887	(07122906)
671362.12	4103836.31	50.11594	(07122906)	671373.98	4103814.36	50.05428	(07122906)
671385.85	4103792.40	49.98970	(07122906)	671397.72	4103770.44	49.92590	(07122906)
671409.59	4103748.49	49.85570	(07122906)	671421.45	4103726.53	49.79064	(07122906)
671433.32	4103704.57	49.71888	(07122906)	671445.19	4103682.61	49.63366	(07122906)
671457.05	4103660.66	49.57176	(07122906)	671468.92	4103638.70	49.48981	(07122906)
671480.79	4103616.74	49.41103	(07122906)	671492.66	4103594.79	49.32244	(07122906)
671504.52	4103572.83	49.23488	(07122906)	671516.39	4103550.87	49.13936	(07122906)
671528.26	4103528.91	49.03794	(07122906)	671540.13	4103506.96	48.92901	(07122906)
671551.99	4103485.00	48.81444	(07122906)	671563.86	4103463.04	48.69116	(07122906)
671575.73	4103441.09	48.55486	(07122906)	671587.60	4103419.13	48.41180	(07122906)
671599.46	4103397.17	48.25317	(07122906)	671611.33	4103375.21	48.08387	(07122906)
671623.20	4103353.26	47.89280	(07122906)	671635.06	4103331.30	47.70263	(07122906)
671646.93	4103309.34	47.47424	(07122906)	671658.80	4103287.39	47.21899	(07122906)
671670.67	4103265.43	46.94030	(07122906)	671682.53	4103243.47	46.77331	(06122021)
671694.40	4103221.51	46.67934	(06122021)	671706.27	4103199.56	46.58379	(06122021)
671718.14	4103177.60	46.47157	(06122021)	671730.00	4103155.64	46.33652	(06122021)
671741.87	4103133.68	46.17600	(06122021)	671753.74	4103111.73	45.99497	(06122021)
671765.60	4103089.77	45.79856	(06122021)	671777.47	4103067.81	45.57617	(06122021)
671789.34	4103045.86	45.33176	(06122021)	671801.21	4103023.90	45.06473	(06122021)
671813.07	4103001.94	44.76523	(06122021)	671824.94	4102979.98	44.43394	(06122021)
671836.81	4102958.03	44.05850	(06122021)	671848.68	4102936.07	43.64023	(06122021)
671860.54	4102914.11	43.17033	(06122021)	671872.41	4102892.16	42.64054	(06122021)
671884.28	4102870.20	42.04970	(06122021)	671896.14	4102848.24	41.40412	(06122021)
671908.01	4102826.28	40.87440	(07020424)	671919.88	4102804.33	40.74121	(07020424)
671931.75	4102782.37	40.57424	(07020424)	671943.61	4102760.41	40.36495	(07020424)
671955.48	4102738.46	40.30507	(06010406)	671967.35	4102716.50	40.32251	(06010406)
671979.22	4102694.54	40.34690	(06010406)	671991.08	4102672.58	40.39433	(05121506)
672002.95	4102650.63	40.49811	(05121506)	672014.82	4102628.67	40.59707	(05121506)
672026.69	4102606.71	40.83600	(08120606)	672038.55	4102584.76	41.15515	(08120606)
672050.42	4102562.80	41.44941	(08120606)	672062.29	4102540.84	41.68669	(08120606)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672074.15	4102518.88	41.88959	(08120606)	672086.02	4102496.93	42.06843	(08120606)
672097.89	4102474.97	42.25000	(08120606)	672109.76	4102453.01	42.42927	(08120606)
672121.62	4102431.05	42.60683	(08120606)	672133.49	4102409.10	42.77320	(08120606)
672145.36	4102387.14	42.98486	(08120606)	672157.23	4102365.18	43.21578	(08120606)
672169.09	4102343.23	43.45542	(08120606)	672180.96	4102321.27	43.69778	(08120606)
672192.83	4102299.31	43.92765	(08120606)	672204.69	4102277.35	44.13320	(08120606)
672216.56	4102255.40	44.31650	(08120606)	672228.43	4102233.44	44.49257	(08120606)
672240.30	4102211.48	44.66746	(08120606)	672252.16	4102189.53	44.80014	(08120606)
672264.03	4102167.57	44.92841	(08120606)	672275.90	4102145.61	45.00666	(08120606)
672287.77	4102123.65	44.99423	(08120606)	672299.63	4102101.70	44.90603	(08120606)
671252.50	4104079.19	46.83576	(07122906)	671277.30	4104045.82	47.63489	(07122906)
671289.17	4104023.86	47.96540	(07122906)	671301.04	4104001.90	48.09849	(07122906)
671312.91	4103979.94	48.10303	(07122906)	671324.77	4103957.99	48.06500	(07122906)
671336.64	4103936.03	48.01602	(07122906)	671348.51	4103914.07	47.96278	(07122906)
671360.37	4103892.12	47.90212	(07122906)	671372.24	4103870.16	47.84596	(07122906)
671384.11	4103848.20	47.78764	(07122906)	671395.98	4103826.24	47.72905	(07122906)
671407.84	4103804.29	47.66792	(07122906)	671419.71	4103782.33	47.60680	(07122906)
671431.58	4103760.37	47.55594	(07122906)	671443.45	4103738.42	47.49176	(07122906)
671455.31	4103716.46	47.42373	(07122906)	671467.18	4103694.50	47.35324	(07122906)
671479.05	4103672.54	47.27936	(07122906)	671490.92	4103650.59	47.20009	(07122906)
671502.78	4103628.63	47.11920	(07122906)	671514.65	4103606.67	47.03087	(07122906)
671526.52	4103584.72	46.93815	(07122906)	671538.38	4103562.76	46.83805	(07122906)
671550.25	4103540.80	46.73117	(07122906)	671562.12	4103518.84	46.61726	(07122906)
671573.99	4103496.89	46.49041	(07122906)	671585.85	4103474.93	46.35611	(07122906)
671597.72	4103452.97	46.20639	(07122906)	671609.59	4103431.02	46.04617	(07122906)
671621.46	4103409.06	45.88193	(07122906)	671633.32	4103387.10	45.68735	(07122906)
671645.19	4103365.14	45.47180	(07122906)	671657.06	4103343.19	45.23274	(07122906)
671668.92	4103321.23	44.97140	(07122906)	671680.79	4103299.27	44.74048	(06122021)
671692.66	4103277.31	44.64335	(06122021)	671704.53	4103255.36	44.54743	(06122021)
671716.39	4103233.40	44.45993	(06122021)	671728.26	4103211.44	44.37645	(06122021)
671740.13	4103189.49	44.26057	(06122021)	671752.00	4103167.53	44.10384	(06122021)
671763.86	4103145.57	43.92810	(06122021)	671775.73	4103123.61	43.73291	(06122021)
671787.60	4103101.66	43.51596	(06122021)	671799.47	4103079.70	43.27431	(06122021)
671811.33	4103057.74	43.01002	(06122021)	671823.20	4103035.79	42.71562	(06122021)
671835.07	4103013.83	42.38594	(06122021)	671846.93	4102991.87	42.01719	(06122021)
671858.80	4102969.91	41.60739	(06122021)	671870.67	4102947.96	41.15252	(06122021)
671882.54	4102926.00	40.64323	(06122021)	671894.40	4102904.04	40.07251	(06122021)
671906.27	4102882.09	39.44479	(06122021)	671918.14	4102860.13	39.14263	(07020424)
671930.01	4102838.17	39.01763	(07020424)	671941.87	4102816.21	38.86534	(07020424)
671953.74	4102794.26	38.67504	(07020424)	671965.61	4102772.30	38.48892	(06010406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671977.47	4102750.34	38.53323	(06010406)	671989.34	4102728.38	38.57910	(06010406)
672001.21	4102706.43	38.63184	(06010406)	672013.08	4102684.47	38.69565	(06010406)
672024.94	4102662.51	38.77299	(06010406)	672036.81	4102640.56	38.89174	(05121506)
672048.68	4102618.60	39.06817	(05121506)	672060.55	4102596.64	39.20473	(05121506)
672072.41	4102574.68	39.32745	(05121506)	672084.28	4102552.73	39.53087	(08120606)
672096.15	4102530.77	39.70090	(08120606)	672108.02	4102508.81	39.86050	(08120606)
672119.88	4102486.86	40.06690	(08120606)	672131.75	4102464.90	40.30589	(08120606)
672143.62	4102442.94	40.49049	(08120606)	672155.48	4102420.98	40.68418	(08120606)
672167.35	4102399.03	40.88563	(08120606)	672179.22	4102377.07	41.10402	(08120606)
672191.09	4102355.11	41.33834	(08120606)	672202.95	4102333.16	41.57429	(08120606)
672214.82	4102311.20	41.81079	(08120606)	672226.69	4102289.24	42.03499	(08120606)
672238.56	4102267.28	42.24658	(08120606)	672250.42	4102245.33	42.45896	(08120606)
672262.29	4102223.37	42.67327	(08120606)	672274.16	4102201.41	42.88031	(08120606)
672286.02	4102179.46	43.00893	(08120606)	672297.89	4102157.50	43.07352	(08120606)
672309.76	4102135.54	43.12379	(08120606)	672321.63	4102113.58	43.13321	(08120606)
671274.50	4104091.07	45.37868	(07122906)	671231.39	4104114.22	44.70567	(07122906)
671299.30	4104057.70	45.78997	(07122906)	671311.16	4104035.75	45.97612	(07122906)
671323.03	4104013.79	46.01744	(07122906)	671334.90	4103991.83	46.00200	(07122906)
671346.77	4103969.87	45.96103	(07122906)	671358.63	4103947.92	45.91315	(07122906)
671370.50	4103925.96	45.86213	(07122906)	671382.37	4103904.00	45.81309	(07122906)
671394.24	4103882.05	45.76065	(07122906)	671406.10	4103860.09	45.72411	(07122906)
671417.97	4103838.13	45.66691	(07122906)	671429.84	4103816.17	45.61287	(07122906)
671441.70	4103794.22	45.55373	(07122906)	671453.57	4103772.26	45.48970	(07122906)
671465.44	4103750.30	45.42996	(07122906)	671477.31	4103728.35	45.35777	(07122906)
671489.17	4103706.39	45.29115	(07122906)	671501.04	4103684.43	45.21182	(07122906)
671512.91	4103662.47	45.13230	(07122906)	671524.78	4103640.52	45.04507	(07122906)
671536.64	4103618.56	44.95257	(07122906)	671548.51	4103596.60	44.85267	(07122906)
671560.38	4103574.65	44.74457	(07122906)	671572.25	4103552.69	44.62784	(07122906)
671584.11	4103530.73	44.50088	(07122906)	671595.98	4103508.77	44.37717	(07122906)
671607.85	4103486.82	44.22344	(07122906)	671619.71	4103464.86	44.05469	(07122906)
671631.58	4103442.90	43.87149	(07122906)	671643.45	4103420.94	43.66493	(07122906)
671655.32	4103398.99	43.44077	(07122906)	671667.18	4103377.03	43.19409	(07122906)
671679.05	4103355.07	42.95983	(06122021)	671690.92	4103333.12	42.86623	(06122021)
671702.79	4103311.16	42.76460	(06122021)	671714.65	4103289.20	42.65504	(06122021)
671726.52	4103267.24	42.54288	(06122021)	671738.39	4103245.29	42.42789	(06122021)
671750.25	4103223.33	42.31321	(06122021)	671762.12	4103201.37	42.17744	(06122021)
671773.99	4103179.42	42.00345	(06122021)	671785.86	4103157.46	41.80802	(06122021)
671797.72	4103135.50	41.62264	(06122021)	671809.59	4103113.54	41.40724	(06122021)
671821.46	4103091.59	41.15278	(06122021)	671833.33	4103069.63	40.86465	(06122021)
671845.19	4103047.67	40.54506	(06122021)	671857.06	4103025.72	40.18392	(06122021)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671868.93	4103003.76	39.78753	(06122021)	671880.79	4102981.80	39.34597	(06122021)
671892.66	4102959.84	38.85286	(06122021)	671904.53	4102937.89	38.30486	(06122021)
671916.40	4102915.93	37.69340	(06122021)	671928.26	4102893.97	37.59355	(07020424)
671940.13	4102872.01	37.47816	(07020424)	671952.00	4102850.06	37.33401	(07020424)
671963.87	4102828.10	37.15927	(07020424)	671975.73	4102806.14	36.94147	(07020424)
671987.60	4102784.19	36.86596	(06010406)	671999.47	4102762.23	36.93587	(06010406)
672011.34	4102740.27	37.00724	(06010406)	672023.20	4102718.31	37.07950	(06010406)
672035.07	4102696.36	37.16055	(06010406)	672046.94	4102674.40	37.28186	(06010406)
672058.80	4102652.44	37.61344	(06010406)	672070.67	4102630.49	37.83664	(06010406)
672082.54	4102608.53	37.88828	(05121506)	672094.41	4102586.57	37.94077	(05121506)
672106.27	4102564.61	37.98644	(05121506)	672118.14	4102542.66	38.02004	(05121506)
672130.01	4102520.70	38.01047	(05121506)	672141.88	4102498.74	38.02962	(05121506)
672153.74	4102476.79	38.25976	(08120606)	672165.61	4102454.83	38.44211	(08120606)
672177.48	4102432.87	38.61759	(08120606)	672189.34	4102410.91	38.81953	(08120606)
672201.21	4102388.96	39.10256	(08120606)	672213.08	4102367.00	39.35588	(08120606)
672224.95	4102345.04	39.58911	(08120606)	672236.81	4102323.09	39.82154	(08120606)
672248.68	4102301.13	40.05603	(08120606)	672260.55	4102279.17	40.28457	(08120606)
672272.42	4102257.21	40.52480	(08120606)	672284.28	4102235.26	40.77979	(08120606)
672296.15	4102213.30	40.99721	(08120606)	672308.02	4102191.34	41.10125	(08120606)
672319.89	4102169.38	41.17077	(08120606)	672331.75	4102147.43	41.30069	(08120606)
672343.62	4102125.47	41.40242	(08120606)	671292.18	4104106.77	43.91015	(07122906)
671274.94	4104121.98	43.70593	(07122906)	671234.70	4104137.63	43.09129	(07122906)
671211.71	4104138.06	42.52069	(07122906)	671309.42	4104091.55	43.81716	(07122906)
671321.29	4104069.59	44.04628	(07122906)	671333.16	4104047.63	44.14172	(07122906)
671345.02	4104025.68	44.14244	(07122906)	671356.89	4104003.72	44.11404	(07122906)
671368.76	4103981.76	44.07591	(07122906)	671380.63	4103959.80	44.04502	(07122906)
671392.49	4103937.85	44.00217	(07122906)	671404.36	4103915.89	43.95120	(07122906)
671416.23	4103893.93	43.90660	(07122906)	671428.10	4103871.98	43.85151	(07122906)
671439.96	4103850.02	43.80148	(07122906)	671451.83	4103828.06	43.74495	(07122906)
671463.70	4103806.10	43.68616	(07122906)	671475.57	4103784.15	43.62314	(07122906)
671487.43	4103762.19	43.55858	(07122906)	671499.30	4103740.23	43.48884	(07122906)
671511.17	4103718.27	43.41226	(07122906)	671523.03	4103696.32	43.33272	(07122906)
671534.90	4103674.36	43.24496	(07122906)	671546.77	4103652.40	43.15137	(07122906)
671558.64	4103630.45	43.06515	(07122906)	671570.50	4103608.49	42.95460	(07122906)
671582.37	4103586.53	42.83401	(07122906)	671594.24	4103564.57	42.69999	(07122906)
671606.11	4103542.62	42.55461	(07122906)	671617.97	4103520.66	42.39747	(07122906)
671629.84	4103498.70	42.21955	(07122906)	671641.71	4103476.75	42.02653	(07122906)
671653.57	4103454.79	41.81432	(07122906)	671665.44	4103432.83	41.58069	(07122906)
671677.31	4103410.87	41.32407	(06122021)	671689.18	4103388.92	41.25179	(06122021)
671701.04	4103366.96	41.17344	(06122021)	671712.91	4103345.00	41.08798	(06122021)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671724.78	4103323.05	40.98081	(06122021)	671736.65	4103301.09	40.85973	(06122021)
671748.51	4103279.13	40.72863	(06122021)	671760.38	4103257.17	40.59141	(06122021)
671772.25	4103235.22	40.44228	(06122021)	671784.12	4103213.26	40.27056	(06122021)
671795.98	4103191.30	40.08040	(06122021)	671807.85	4103169.35	39.87086	(06122021)
671819.72	4103147.39	39.65937	(06122021)	671831.58	4103125.43	39.43676	(06122021)
671843.45	4103103.47	39.17519	(06122021)	671855.32	4103081.52	38.86870	(06122021)
671867.19	4103059.56	38.51977	(06122021)	671879.05	4103037.60	38.13631	(06122021)
671890.92	4103015.64	37.70922	(06122021)	671902.79	4102993.69	37.23217	(06122021)
671914.66	4102971.73	36.70290	(06122021)	671926.52	4102949.77	36.29034	(07020424)
671938.39	4102927.82	36.19791	(07020424)	671950.26	4102905.86	36.08846	(07020424)
671962.12	4102883.90	35.95684	(07020424)	671973.99	4102861.94	35.79168	(07020424)
671985.86	4102839.99	35.58794	(07020424)	671997.73	4102818.03	35.33953	(07020424)
672009.59	4102796.07	35.39689	(06010406)	672021.46	4102774.12	35.48667	(06010406)
672033.33	4102752.16	35.58197	(06010406)	672045.20	4102730.20	35.67671	(06010406)
672057.06	4102708.24	35.77010	(06010406)	672068.93	4102686.29	35.92836	(06010406)
672080.80	4102664.33	36.42559	(06010406)	672092.67	4102642.37	36.55765	(06010406)
672104.53	4102620.42	36.55606	(06010406)	672116.40	4102598.46	36.56472	(06010406)
672128.27	4102576.50	36.58198	(05121506)	672140.13	4102554.54	36.63396	(05121506)
672152.00	4102532.59	36.67015	(05121506)	672163.87	4102510.63	36.69977	(05121506)
672175.74	4102488.67	36.74264	(05121506)	672187.60	4102466.72	36.78926	(05121506)
672199.47	4102444.76	36.83361	(05121506)	672211.34	4102422.80	36.94354	(08120606)
672223.21	4102400.84	37.21074	(08120606)	672235.07	4102378.89	37.46993	(08120606)
672246.94	4102356.93	37.71432	(08120606)	672258.81	4102334.97	37.95348	(08120606)
672270.67	4102313.01	38.19865	(08120606)	672282.54	4102291.06	38.44401	(08120606)
672294.41	4102269.10	38.68786	(08120606)	672306.28	4102247.14	38.92828	(08120606)
672318.14	4102225.19	39.12226	(08120606)	672330.01	4102203.23	39.26022	(08120606)
672341.88	4102181.27	39.40434	(08120606)	672353.75	4102159.31	39.56667	(08120606)
672365.61	4102137.36	39.71681	(08120606)	671337.89	4104129.02	41.11311	(07122906)
671306.85	4104156.41	41.19785	(07122906)	671255.12	4104184.19	40.37337	(07122906)
671213.73	4104184.96	39.23650	(07122906)	671365.28	4104093.36	40.92762	(07122906)
671377.14	4104071.41	40.94081	(07122906)	671389.01	4104049.45	40.92151	(07122906)
671400.88	4104027.49	40.88893	(07122906)	671412.75	4104005.53	40.84367	(07122906)
671424.61	4103983.58	40.80196	(07122906)	671436.48	4103961.62	40.75660	(07122906)
671448.35	4103939.66	40.71029	(07122906)	671460.22	4103917.71	40.65899	(07122906)
671472.08	4103895.75	40.60856	(07122906)	671483.95	4103873.79	40.54797	(07122906)
671495.82	4103851.83	40.48992	(07122906)	671507.68	4103829.88	40.42259	(07122906)
671519.55	4103807.92	40.34993	(07122906)	671531.42	4103785.96	40.27398	(07122906)
671543.29	4103764.01	40.19016	(07122906)	671555.15	4103742.05	40.09551	(07122906)
671567.02	4103720.09	39.99908	(07122906)	671578.89	4103698.13	39.88534	(07122906)
671590.76	4103676.18	39.76655	(07122906)	671602.62	4103654.22	39.63516	(07122906)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671614.49	4103632.26	39.48874	(07122906)	671626.36	4103610.31	39.33117	(07122906)
671638.22	4103588.35	39.15461	(07122906)	671650.09	4103566.39	38.96511	(07122906)
671661.96	4103544.43	38.75279	(07122906)	671673.83	4103522.48	38.52265	(07122906)
671685.69	4103500.52	38.41311	(06122021)	671697.56	4103478.56	38.34175	(06122021)
671709.43	4103456.61	38.27752	(06122021)	671721.30	4103434.65	38.20510	(06122021)
671733.16	4103412.69	38.12784	(06122021)	671745.03	4103390.73	38.04068	(06122021)
671756.90	4103368.78	37.94286	(06122021)	671768.77	4103346.82	37.82976	(06122021)
671780.63	4103324.86	37.69864	(06122021)	671792.50	4103302.90	37.54323	(06122021)
671804.37	4103280.95	37.36117	(06122021)	671816.23	4103258.99	37.17094	(06122021)
671828.10	4103237.03	36.96438	(06122021)	671839.97	4103215.08	36.73612	(06122021)
671851.84	4103193.12	36.48782	(06122021)	671863.70	4103171.16	36.22272	(06122021)
671875.57	4103149.20	35.92909	(06122021)	671887.44	4103127.25	35.60653	(06122021)
671899.31	4103105.29	35.24578	(06122021)	671911.17	4103083.33	34.84661	(06122021)
671923.04	4103061.38	34.40484	(06122021)	671934.91	4103039.42	33.91620	(06122021)
671946.77	4103017.46	33.84509	(07020424)	671958.64	4102995.50	33.76909	(07020424)
671970.51	4102973.55	33.67362	(07020424)	671982.38	4102951.59	33.55819	(07020424)
671994.24	4102929.63	33.47475	(06020109)	672006.11	4102907.68	33.49174	(06020109)
672017.98	4102885.72	33.51125	(06020109)	672029.85	4102863.76	33.53131	(06020109)
672041.71	4102841.80	33.55246	(06020109)	672053.58	4102819.85	33.58318	(06020109)
672065.45	4102797.89	33.61338	(06020109)	672077.32	4102775.93	33.65016	(06020109)
672089.18	4102753.97	33.66836	(06020109)	672101.05	4102732.02	33.64948	(06020109)
672112.92	4102710.06	33.66671	(06020109)	672124.78	4102688.10	34.10386	(06010406)
672136.65	4102666.15	34.22811	(06010406)	672148.52	4102644.19	34.15937	(06010406)
672160.39	4102622.23	34.18934	(06010406)	672172.25	4102600.27	34.27791	(06010406)
672184.12	4102578.32	34.31393	(06010406)	672195.99	4102556.36	34.33580	(06010406)
672207.86	4102534.40	34.32918	(06010406)	672219.72	4102512.45	34.33360	(06010406)
672231.59	4102490.49	34.33798	(06010406)	672243.46	4102468.53	34.37817	(05121506)
672255.32	4102446.57	34.46642	(05121506)	672267.19	4102424.62	34.58461	(05121506)
672279.06	4102402.66	34.72061	(05121506)	672290.93	4102380.70	34.84650	(05121506)
672302.79	4102358.75	34.96650	(05121506)	672314.66	4102336.79	35.09149	(05121506)
672326.53	4102314.83	35.21608	(05121506)	672338.40	4102292.87	35.32372	(05121506)
672350.26	4102270.92	35.50702	(08120606)	672362.13	4102248.96	35.73238	(08120606)
672374.00	4102227.00	35.94948	(08120606)	672385.87	4102205.05	36.14933	(08120606)
672397.73	4102183.09	36.32571	(08120606)	672409.60	4102161.13	36.56872	(08120606)
671380.15	4104154.31	38.56464	(07122906)	671362.91	4104169.53	38.82263	(07122906)
671345.67	4104184.75	38.94797	(07122906)	671328.42	4104199.97	38.90111	(07122906)
671311.18	4104215.18	38.63265	(07122906)	671270.94	4104230.83	38.00394	(07122906)
671247.95	4104231.26	37.57596	(07122906)	671224.96	4104231.69	36.77219	(07122906)
671201.96	4104232.12	35.53790	(07122906)	671178.97	4104232.55	36.17907	(06011706)
671397.40	4104139.09	38.21847	(07122906)	671409.26	4104117.14	38.22899	(07122906)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671421.13	4104095.18	38.20492	(07122906)	671433.00	4104073.22	38.17422	(07122906)
671444.87	4104051.27	38.13254	(07122906)	671456.73	4104029.31	38.08991	(07122906)
671468.60	4104007.35	38.03944	(07122906)	671480.47	4103985.39	37.99263	(07122906)
671492.33	4103963.44	37.93647	(07122906)	671504.20	4103941.48	37.87726	(07122906)
671516.07	4103919.52	37.81315	(07122906)	671527.94	4103897.57	37.74296	(07122906)
671539.80	4103875.61	37.66642	(07122906)	671551.67	4103853.65	37.57964	(07122906)
671563.54	4103831.69	37.49267	(07122906)	671575.41	4103809.74	37.38803	(07122906)
671587.27	4103787.78	37.28099	(07122906)	671599.14	4103765.82	37.15917	(07122906)
671611.01	4103743.86	37.02584	(07122906)	671622.87	4103721.91	36.88282	(07122906)
671634.74	4103699.95	36.72187	(07122906)	671646.61	4103677.99	36.55065	(07122906)
671658.48	4103656.04	36.35701	(07122906)	671670.34	4103634.08	36.14928	(07122906)
671682.21	4103612.12	36.04158	(06122021)	671694.08	4103590.16	35.98451	(06122021)
671705.95	4103568.21	35.91888	(06122021)	671717.81	4103546.25	35.85096	(06122021)
671729.68	4103524.29	35.77139	(06122021)	671741.55	4103502.34	35.68987	(06122021)
671753.42	4103480.38	35.60177	(06122021)	671765.28	4103458.42	35.51659	(06122021)
671777.15	4103436.46	35.42581	(06122021)	671789.02	4103414.51	35.33777	(06122021)
671800.88	4103392.55	35.23860	(06122021)	671812.75	4103370.59	35.10662	(06122021)
671824.62	4103348.64	34.95115	(06122021)	671836.49	4103326.68	34.76685	(06122021)
671848.35	4103304.72	34.55775	(06122021)	671860.22	4103282.76	34.32047	(06122021)
671872.09	4103260.81	34.06619	(06122021)	671883.96	4103238.85	33.79059	(06122021)
671895.82	4103216.89	33.49142	(06122021)	671907.69	4103194.94	33.16806	(06122021)
671919.56	4103172.98	32.81790	(06122021)	671931.42	4103151.02	32.43793	(06122021)
671943.29	4103129.06	32.02445	(06122021)	671955.16	4103107.11	32.01264	(06020109)
671967.03	4103085.15	32.03173	(06020109)	671978.89	4103063.19	32.04663	(06020109)
671990.76	4103041.23	32.06110	(06020109)	672002.63	4103019.28	32.07555	(06020109)
672014.50	4102997.32	32.09135	(06020109)	672026.36	4102975.36	32.11041	(06020109)
672038.23	4102953.41	32.13190	(06020109)	672050.10	4102931.45	32.15429	(06020109)
672061.97	4102909.49	32.17782	(06020109)	672073.83	4102887.53	32.20098	(06020109)
672085.70	4102865.58	32.21926	(06020109)	672097.57	4102843.62	32.23482	(06020109)
672109.43	4102821.66	32.25951	(06020109)	672121.30	4102799.71	32.29449	(06020109)
672133.17	4102777.75	32.32950	(06020109)	672145.04	4102755.79	32.37518	(06020109)
672156.90	4102733.83	32.46566	(06020109)	672168.77	4102711.88	32.13931	(06020109)
672180.64	4102689.92	32.17918	(06010406)	672192.51	4102667.96	32.05307	(06010406)
672204.37	4102646.01	31.98209	(06010406)	672216.24	4102624.05	32.06586	(06010406)
672228.11	4102602.09	32.14044	(06010406)	672239.97	4102580.13	32.19574	(06010406)
672251.84	4102558.18	32.23015	(06010406)	672263.71	4102536.22	32.26952	(06010406)
672275.58	4102514.26	32.31158	(06010406)	672287.44	4102492.31	32.36275	(06010406)
672299.31	4102470.35	32.42882	(06010406)	672311.18	4102448.39	32.49752	(06010406)
672323.05	4102426.43	32.57589	(07011506)	672334.91	4102404.48	32.69261	(07011506)
672346.78	4102382.52	32.81017	(05121506)	672358.65	4102360.56	32.96084	(05121506)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672370.52	4102338.60	33.11912	(05121506)	672382.38	4102316.65	33.28701	(05121506)
672394.25	4102294.69	33.42881	(05121506)	672406.12	4102272.73	33.54238	(05121506)
672417.98	4102250.78	33.62176	(05121506)	672429.85	4102228.82	33.67372	(05121506)
672441.72	4102206.86	33.69522	(05121506)	672453.59	4102184.90	33.87516	(08120606)
671422.91	4104179.17	36.27129	(07122906)	671404.43	4104195.48	36.59569	(07122906)
671385.96	4104211.78	36.83891	(07122906)	671367.48	4104228.09	36.95456	(07122906)
671349.01	4104244.39	36.89321	(07122906)	671330.54	4104260.70	36.61877	(07122906)
671287.42	4104277.46	35.95127	(07122906)	671262.79	4104277.92	35.50625	(07122906)
671238.15	4104278.38	34.71295	(07122906)	671213.52	4104278.84	33.52716	(07122906)
671188.88	4104279.30	32.87115	(06122024)	671164.24	4104279.76	35.34973	(06122024)
671441.38	4104162.87	35.89867	(07122906)	671453.25	4104140.91	35.87354	(07122906)
671465.12	4104118.95	35.83671	(07122906)	671476.98	4104097.00	35.79106	(07122906)
671488.85	4104075.04	35.74306	(07122906)	671500.72	4104053.08	35.68360	(07122906)
671512.59	4104031.12	35.62934	(07122906)	671524.45	4104009.17	35.56297	(07122906)
671536.32	4103987.21	35.49351	(07122906)	671548.19	4103965.25	35.41277	(07122906)
671560.06	4103943.30	35.33066	(07122906)	671571.92	4103921.34	35.23573	(07122906)
671583.79	4103899.38	35.13568	(07122906)	671595.66	4103877.42	35.02259	(07122906)
671607.52	4103855.47	34.90254	(07122906)	671619.39	4103833.51	34.77032	(07122906)
671631.26	4103811.55	34.62529	(07122906)	671643.13	4103789.60	34.46569	(07122906)
671654.99	4103767.64	34.29236	(07122906)	671666.86	4103745.68	34.10186	(07122906)
671678.73	4103723.72	34.02692	(06122021)	671690.60	4103701.77	33.98016	(06122021)
671702.46	4103679.81	33.92834	(06122021)	671714.33	4103657.85	33.86864	(06122021)
671726.20	4103635.90	33.80135	(06122021)	671738.07	4103613.94	33.73164	(06122021)
671749.93	4103591.98	33.65486	(06122021)	671761.80	4103570.02	33.56629	(06122021)
671773.67	4103548.07	33.47641	(06122021)	671785.53	4103526.11	33.37242	(06122021)
671797.40	4103504.15	33.26310	(06122021)	671809.27	4103482.20	33.14000	(06122021)
671821.14	4103460.24	33.00572	(06122021)	671833.00	4103438.28	32.89690	(06122021)
671844.87	4103416.32	32.82860	(06122021)	671856.74	4103394.37	32.67676	(06122021)
671868.61	4103372.41	32.49527	(06122021)	671880.47	4103350.45	32.28531	(06122021)
671892.34	4103328.49	32.04302	(06122021)	671904.21	4103306.54	31.77369	(06122021)
671916.07	4103284.58	31.47093	(06122021)	671927.94	4103262.62	31.14217	(06122021)
671939.81	4103240.67	30.79311	(06020109)	671951.68	4103218.71	30.79093	(06020109)
671963.54	4103196.75	30.79674	(06020109)	671975.41	4103174.79	30.80645	(06020109)
671987.28	4103152.84	30.82372	(06020109)	671999.15	4103130.88	30.84024	(06020109)
672011.01	4103108.92	30.86221	(06020109)	672022.88	4103086.97	30.88125	(06020109)
672034.75	4103065.01	30.89779	(06020109)	672046.62	4103043.05	30.91386	(06020109)
672058.48	4103021.09	30.93273	(06020109)	672070.35	4102999.14	30.95504	(06020109)
672082.22	4102977.18	30.97987	(06020109)	672094.08	4102955.22	31.00797	(06020109)
672105.95	4102933.27	31.03289	(06020109)	672117.82	4102911.31	31.05357	(06020109)
672129.69	4102889.35	31.06735	(06020109)	672141.55	4102867.39	31.07046	(06020109)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672153.42	4102845.44	31.05545	(06020109)	672165.29	4102823.48	31.03566	(06020109)
672177.16	4102801.52	31.00755	(06020109)	672189.02	4102779.56	30.89205	(06020109)
672200.89	4102757.61	30.62131	(06020109)	672212.76	4102735.65	30.24117	(06020109)
672224.62	4102713.69	29.74226	(06010406)	672236.49	4102691.74	29.89979	(06010406)
672248.36	4102669.78	29.98677	(06010406)	672260.23	4102647.82	30.08709	(06010406)
672272.09	4102625.86	30.19702	(06010406)	672283.96	4102603.91	30.28569	(06010406)
672295.83	4102581.95	30.36984	(06010406)	672307.70	4102559.99	30.44945	(06010406)
672319.56	4102538.04	30.52347	(06010406)	672331.43	4102516.08	30.60846	(06010406)
672343.30	4102494.12	30.69211	(06010406)	672355.17	4102472.16	30.76967	(06010406)
672367.03	4102450.21	30.84510	(06010406)	672378.90	4102428.25	30.95038	(07011506)
672390.77	4102406.29	31.04810	(07011506)	672402.63	4102384.34	31.16482	(07011506)
672414.50	4102362.38	31.30784	(07011506)	672426.37	4102340.42	31.48869	(07011506)
672438.24	4102318.46	31.67248	(07011506)	672450.10	4102296.51	31.82158	(07011506)
672461.97	4102274.55	31.93359	(07011506)	672473.84	4102252.59	32.08373	(05121506)
672485.71	4102230.64	32.13313	(05121506)	672497.57	4102208.68	32.27641	(05121506)
671497.45	4104217.71	32.89984	(07122906)	671480.21	4104232.93	33.22481	(07122906)
671462.96	4104248.14	33.52446	(07122906)	671445.72	4104263.36	33.78652	(07122906)
671428.48	4104278.58	33.98755	(07122906)	671411.24	4104293.80	34.10823	(07122906)
671393.99	4104309.02	34.11311	(07122906)	671376.75	4104324.23	33.98383	(07122906)
671359.51	4104339.45	33.70068	(07122906)	671319.27	4104355.10	33.11820	(07122906)
671296.28	4104355.53	32.79026	(07122906)	671273.28	4104355.96	32.25220	(07122906)
671250.29	4104356.39	31.48242	(07122906)	671227.29	4104356.82	30.44838	(07122906)
671204.30	4104357.25	29.14398	(07122906)	671181.31	4104357.68	30.96853	(06122024)
671158.31	4104358.11	32.87790	(06122024)	671135.32	4104358.54	34.69060	(06122024)
671514.69	4104202.49	32.56069	(07122906)	671526.56	4104180.53	32.49584	(07122906)
671538.43	4104158.58	32.42356	(07122906)	671550.30	4104136.62	32.34772	(07122906)
671562.16	4104114.66	32.26971	(07122906)	671574.03	4104092.70	32.18168	(07122906)
671585.90	4104070.75	32.08663	(07122906)	671597.76	4104048.79	31.98230	(07122906)
671609.63	4104026.83	31.86954	(07122906)	671621.50	4104004.88	31.74445	(07122906)
671633.37	4103982.92	31.60897	(07122906)	671645.23	4103960.96	31.46379	(07122906)
671657.10	4103939.00	31.30150	(07122906)	671668.97	4103917.05	31.19984	(06122021)
671680.84	4103895.09	31.16674	(06122021)	671692.70	4103873.13	31.12947	(06122021)
671704.57	4103851.18	31.09331	(06122021)	671716.44	4103829.22	31.05574	(06122021)
671728.31	4103807.26	31.00984	(06122021)	671740.17	4103785.30	30.96154	(06122021)
671752.04	4103763.35	30.90334	(06122021)	671763.91	4103741.39	30.84338	(06122021)
671775.77	4103719.43	30.76995	(06122021)	671787.64	4103697.48	30.69511	(06122021)
671799.51	4103675.52	30.60337	(06122021)	671811.38	4103653.56	30.51098	(06122021)
671823.24	4103631.60	30.40210	(06122021)	671835.11	4103609.65	30.28567	(06122021)
671846.98	4103587.69	30.15909	(06122021)	671858.85	4103565.73	30.02049	(06122021)
671870.71	4103543.77	29.87003	(06122021)	671882.58	4103521.82	29.70269	(06122021)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671894.45	4103499.86	29.52547	(06122021)	671906.31	4103477.90	29.33019	(06122021)
671918.18	4103455.95	29.26093	(06122021)	671930.05	4103433.99	29.15996	(06020109)
671941.92	4103412.03	29.19804	(06020109)	671953.78	4103390.07	29.23354	(06020109)
671965.65	4103368.12	29.26505	(06020109)	671977.52	4103346.16	29.29222	(06020109)
671989.39	4103324.20	29.31203	(06020109)	672001.25	4103302.25	29.31875	(06020109)
672013.12	4103280.29	29.30391	(06020109)	672024.99	4103258.33	29.27012	(06020109)
672036.85	4103236.37	29.23077	(06020109)	672048.72	4103214.42	29.22115	(06020109)
672060.59	4103192.46	29.23127	(06020109)	672072.46	4103170.50	29.24172	(06020109)
672084.32	4103148.55	29.25446	(06020109)	672096.19	4103126.59	29.26965	(06020109)
672108.06	4103104.63	29.28562	(06020109)	672119.93	4103082.67	29.29807	(06020109)
672131.79	4103060.72	29.31891	(06020109)	672143.66	4103038.76	29.34622	(06020109)
672155.53	4103016.80	29.37526	(06020109)	672167.40	4102994.85	29.40143	(06020109)
672179.26	4102972.89	29.42232	(06020109)	672191.13	4102950.93	29.43076	(06020109)
672203.00	4102928.97	29.41976	(06020109)	672214.86	4102907.02	29.37952	(06020109)
672226.73	4102885.06	29.29570	(06020109)	672238.60	4102863.10	29.15022	(06020109)
672250.47	4102841.14	28.93151	(06020109)	672262.33	4102819.19	28.61378	(06020109)
672274.20	4102797.23	28.16710	(06020109)	672286.07	4102775.27	27.56964	(06020109)
672297.94	4102753.32	26.99014	(06020603)	672309.80	4102731.36	27.09529	(06020603)
672321.67	4102709.40	27.19026	(06020603)	672333.54	4102687.44	27.26239	(06020603)
672345.40	4102665.49	27.36737	(06010406)	672357.27	4102643.53	27.50194	(06010406)
672369.14	4102621.57	27.63127	(06010406)	672381.01	4102599.62	27.75841	(06010406)
672392.87	4102577.66	27.87733	(06010406)	672404.74	4102555.70	27.99283	(06010406)
672416.61	4102533.74	28.10197	(06010406)	672428.48	4102511.79	28.20270	(06010406)
672440.34	4102489.83	28.27745	(06010406)	672452.21	4102467.87	28.32920	(06010406)
672464.08	4102445.92	28.37370	(07011506)	672475.95	4102423.96	28.52114	(05012309)
672487.81	4102402.00	28.73038	(05012309)	672499.68	4102380.04	28.94335	(05012309)
672511.55	4102358.09	29.17929	(05012309)	672523.41	4102336.13	29.40444	(05012309)
672535.28	4102314.17	29.58049	(05012309)	672547.15	4102292.22	29.74889	(05012309)
672559.02	4102270.26	30.21727	(05012309)	672570.88	4102248.30	31.74790	(05012309)
671570.04	4104257.97	29.96821	(07122906)	671552.08	4104273.82	30.31668	(07122906)
671534.12	4104289.67	30.64469	(07122906)	671516.16	4104305.52	30.95310	(07122906)
671498.20	4104321.37	31.23037	(07122906)	671480.24	4104337.22	31.46257	(07122906)
671462.27	4104353.08	31.63628	(07122906)	671444.31	4104368.93	31.72467	(07122906)
671426.35	4104384.78	31.71040	(07122906)	671408.39	4104400.63	31.57696	(07122906)
671390.43	4104416.48	31.30729	(07122906)	671348.52	4104432.78	30.76873	(07122906)
671324.56	4104433.23	30.47857	(07122906)	671300.61	4104433.68	29.99750	(07122906)
671276.66	4104434.13	29.32382	(07122906)	671252.71	4104434.57	28.45712	(07122906)
671228.76	4104435.02	27.37145	(07122906)	671204.80	4104435.47	26.69205	(06122024)
671180.85	4104435.92	28.50097	(06122024)	671156.90	4104436.36	30.31711	(06122024)
671132.95	4104436.81	32.10627	(06122024)	671109.00	4104437.26	33.82268	(06122024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671588.00	4104242.11	29.60104	(07122906)	671599.87	4104220.16	29.49951	(07122906)
671611.74	4104198.20	29.39174	(07122906)	671623.61	4104176.24	29.27447	(07122906)
671635.47	4104154.28	29.14865	(07122906)	671647.34	4104132.33	29.01288	(07122906)
671659.21	4104110.37	28.95672	(06122021)	671671.08	4104088.41	28.93921	(06122021)
671682.94	4104066.46	28.91873	(06122021)	671694.81	4104044.50	28.88838	(06122021)
671706.68	4104022.54	28.85555	(06122021)	671718.54	4104000.58	28.81665	(06122021)
671730.41	4103978.63	28.77716	(06122021)	671742.28	4103956.67	28.73555	(06122021)
671754.15	4103934.71	28.68906	(06122021)	671766.01	4103912.76	28.63984	(06122021)
671777.88	4103890.80	28.58457	(06122021)	671789.75	4103868.84	28.52201	(06122021)
671801.62	4103846.88	28.45407	(06122021)	671813.48	4103824.93	28.37604	(06122021)
671825.35	4103802.97	28.29482	(06122021)	671837.22	4103781.01	28.19814	(06122021)
671849.09	4103759.06	28.09992	(06122021)	671860.95	4103737.10	27.98778	(06122021)
671872.82	4103715.14	27.86707	(06122021)	671884.69	4103693.18	27.73577	(06122021)
671896.55	4103671.23	27.59298	(06122021)	671908.42	4103649.27	27.44412	(06020109)
671920.29	4103627.31	27.48280	(06020109)	671932.16	4103605.35	27.51283	(06020109)
671944.02	4103583.40	27.53777	(06020109)	671955.89	4103561.44	27.56041	(06020109)
671967.76	4103539.48	27.58068	(06020109)	671979.63	4103517.53	27.60111	(06020109)
671991.49	4103495.57	27.62496	(06020109)	672003.36	4103473.61	27.75383	(06020109)
672015.23	4103451.65	27.86598	(06020109)	672027.09	4103429.70	27.92389	(06020109)
672038.96	4103407.74	27.98121	(06020109)	672050.83	4103385.78	28.04159	(06020109)
672062.70	4103363.83	28.09609	(06020109)	672074.56	4103341.87	28.14218	(06020109)
672086.43	4103319.91	28.19525	(06020109)	672098.30	4103297.95	28.17955	(06020109)
672110.17	4103276.00	28.12337	(06020109)	672122.03	4103254.04	28.10002	(06020109)
672133.90	4103232.08	28.05532	(06020109)	672145.77	4103210.13	27.98182	(06020109)
672157.64	4103188.17	27.98415	(06020109)	672169.50	4103166.21	27.99551	(06020109)
672181.37	4103144.25	28.00602	(06020109)	672193.24	4103122.30	28.01616	(06020109)
672205.10	4103100.34	28.03371	(06020109)	672216.97	4103078.38	28.04816	(06020109)
672228.84	4103056.43	28.06609	(06020109)	672240.71	4103034.47	28.07468	(06020109)
672252.57	4103012.51	28.06778	(06020109)	672264.44	4102990.55	28.03532	(06020109)
672276.31	4102968.60	27.96669	(06020109)	672288.18	4102946.64	27.84432	(06020109)
672300.04	4102924.68	27.65332	(06020109)	672311.91	4102902.72	27.37030	(06020109)
672323.78	4102880.77	26.97538	(06020109)	672335.64	4102858.81	26.45474	(06020109)
672347.51	4102836.85	25.79512	(06020109)	672359.38	4102814.90	25.04317	(06010609)
672371.25	4102792.94	25.10295	(06010609)	672383.11	4102770.98	25.18164	(08011909)
672394.98	4102749.02	25.26841	(08011909)	672406.85	4102727.07	25.34896	(08011909)
672418.72	4102705.11	25.42914	(08011909)	672430.58	4102683.15	25.50608	(08011909)
672442.45	4102661.20	25.56674	(08011909)	672454.32	4102639.24	25.63413	(06020603)
672466.18	4102617.28	25.71036	(06020603)	672478.05	4102595.32	25.77986	(06020603)
672489.92	4102573.37	25.85401	(06020603)	672501.79	4102551.41	25.93311	(06020603)
672513.65	4102529.45	26.01566	(06010406)	672525.52	4102507.50	26.11613	(06010406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672537.39	4102485.54	26.18929	(06010406)	672549.26	4102463.58	26.23486	(06020603)
672561.12	4102441.62	26.35635	(05012309)	672572.99	4102419.67	26.68610	(05012309)
672584.86	4102397.71	27.10771	(05012309)	672596.73	4102375.75	27.55513	(05012309)
672608.59	4102353.79	28.14947	(05012309)	672620.46	4102331.84	29.00668	(05012309)
672632.33	4102309.88	30.85202	(05012309)	672644.19	4102287.92	34.14786	(05012309)
671642.84	4104298.04	27.23501	(07122906)	671624.37	4104314.35	27.61871	(07122906)
671605.89	4104330.65	27.98459	(07122906)	671587.42	4104346.96	28.33087	(07122906)
671568.94	4104363.26	28.65614	(07122906)	671550.47	4104379.56	28.95568	(07122906)
671531.99	4104395.87	29.22204	(07122906)	671513.52	4104412.17	29.43978	(07122906)
671495.04	4104428.48	29.58894	(07122906)	671476.57	4104444.78	29.65969	(07122906)
671458.09	4104461.09	29.63565	(07122906)	671439.62	4104477.39	29.49747	(07122906)
671421.15	4104493.70	29.23016	(07122906)	671378.03	4104510.46	28.71202	(07122906)
671353.40	4104510.92	28.44875	(07122906)	671328.76	4104511.38	28.04133	(07122906)
671304.13	4104511.84	27.48986	(07122906)	671279.49	4104512.30	26.79955	(07122906)
671254.85	4104512.77	25.90319	(07122906)	671230.22	4104513.23	24.80999	(07122906)
671205.58	4104513.69	24.66592	(06122024)	671180.94	4104514.15	26.38457	(06122024)
671156.31	4104514.61	28.02830	(06122024)	671131.67	4104515.07	29.63668	(06122024)
671107.04	4104515.53	31.18949	(06122024)	671082.40	4104515.99	32.70809	(06122024)
671661.32	4104281.74	26.84183	(06122021)	671673.18	4104259.78	26.92380	(06122021)
671685.05	4104237.82	26.97202	(06122021)	671696.92	4104215.86	26.98914	(06122021)
671708.78	4104193.91	26.99032	(06122021)	671720.65	4104171.95	26.97777	(06122021)
671732.52	4104149.99	26.95607	(06122021)	671744.39	4104128.04	27.01816	(06122021)
671756.25	4104106.08	27.05403	(06122021)	671768.12	4104084.12	26.98833	(06122021)
671779.99	4104062.16	26.92704	(06122021)	671791.86	4104040.21	26.86469	(06122021)
671803.72	4104018.25	26.80072	(06122021)	671815.59	4103996.29	26.72611	(06122021)
671827.46	4103974.34	26.64712	(06122021)	671839.32	4103952.38	26.55875	(06122021)
671851.19	4103930.42	26.46659	(06122021)	671863.06	4103908.46	26.36169	(06122021)
671874.93	4103886.51	26.25333	(06122021)	671886.79	4103864.55	26.13865	(06122021)
671898.66	4103842.59	26.01546	(06122021)	671910.53	4103820.64	25.88749	(06122021)
671922.40	4103798.68	25.74845	(06122021)	671934.26	4103776.72	25.69616	(06020109)
671946.13	4103754.76	25.91744	(06020109)	671958.00	4103732.81	26.08061	(06020109)
671969.87	4103710.85	26.20002	(06020109)	671981.73	4103688.89	26.28511	(06020109)
671993.60	4103666.93	26.34675	(06020109)	672005.47	4103644.98	26.39306	(06020109)
672017.33	4103623.02	26.42910	(06020109)	672029.20	4103601.06	26.45741	(06020109)
672041.07	4103579.11	26.48312	(06020109)	672052.94	4103557.15	26.50564	(06020109)
672064.80	4103535.19	26.52675	(06020109)	672076.67	4103513.23	26.54718	(06020109)
672088.54	4103491.28	26.56672	(06020109)	672100.41	4103469.32	26.60563	(06020109)
672112.27	4103447.36	26.69910	(06020109)	672124.14	4103425.41	26.81158	(06020109)
672136.01	4103403.45	26.89510	(06020109)	672147.87	4103381.49	26.99338	(06020109)
672159.74	4103359.53	27.07305	(06020109)	672171.61	4103337.58	27.09145	(06020109)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672183.48	4103315.62	27.15386	(06020109)	672195.34	4103293.66	27.21539	(06020109)
672207.21	4103271.71	27.30828	(06020109)	672219.08	4103249.75	27.38306	(06020109)
672230.95	4103227.79	27.31051	(06020109)	672242.81	4103205.83	27.12335	(06020109)
672254.68	4103183.88	26.95582	(06020109)	672266.55	4103161.92	26.95601	(06020109)
672278.42	4103139.96	26.96387	(06020109)	672290.28	4103118.00	26.96204	(06020109)
672302.15	4103096.05	26.95302	(06020109)	672314.02	4103074.09	26.92111	(06020109)
672325.88	4103052.13	26.85351	(06020109)	672337.75	4103030.18	26.74233	(06020109)
672349.62	4103008.22	26.57365	(06020109)	672361.49	4102986.26	26.32907	(06020109)
672373.35	4102964.30	25.99069	(06020109)	672385.22	4102942.35	25.54282	(06020109)
672397.09	4102920.39	24.97526	(06020109)	672408.96	4102898.43	24.28307	(06020109)
672420.82	4102876.48	23.96159	(06010609)	672432.69	4102854.52	24.00805	(06010609)
672444.56	4102832.56	24.05451	(06010609)	672456.42	4102810.60	24.10250	(06010609)
672468.29	4102788.65	24.18685	(08011909)	672480.16	4102766.69	24.26774	(08011909)
672492.03	4102744.73	24.35053	(08011909)	672503.89	4102722.78	24.43459	(08011909)
672515.76	4102700.82	24.51444	(08011909)	672527.63	4102678.86	24.59105	(08011909)
672539.50	4102656.90	24.66177	(08011909)	672551.36	4102634.95	24.73135	(08011909)
672563.23	4102612.99	24.80255	(08011909)	672575.10	4102591.03	24.88326	(08011909)
672586.97	4102569.08	24.97411	(08011909)	672598.83	4102547.12	25.06425	(08011909)
672610.70	4102525.16	25.15246	(08011909)	672622.57	4102503.20	25.25270	(08022909)
672634.43	4102481.25	25.36765	(08022909)	672646.30	4102459.29	25.53642	(08022909)
672658.17	4102437.33	25.77763	(08022909)	672670.04	4102415.37	26.09577	(08022909)
672681.90	4102393.42	26.45235	(08022909)	672693.77	4102371.46	26.92992	(08022909)
672705.64	4102349.50	27.75787	(08022909)	672717.51	4102327.55	30.12866	(08022909)
671862.77	4104416.91	22.69214	(06122021)	671844.30	4104433.21	22.82113	(06122021)
671825.82	4104449.52	22.92732	(06122021)	671807.35	4104465.82	23.00193	(06122021)
671788.88	4104482.13	23.03464	(06122021)	671770.40	4104498.43	23.16799	(05030321)
671751.93	4104514.74	23.31686	(05030321)	671733.45	4104531.04	23.45937	(05030321)
671714.98	4104547.35	23.59917	(05030321)	671696.50	4104563.65	23.73163	(05030321)
671678.03	4104579.96	23.85407	(05030321)	671659.55	4104596.26	23.96704	(05030321)
671641.08	4104612.57	24.19672	(07122906)	671622.60	4104628.87	24.42979	(07122906)
671604.13	4104645.18	24.60911	(07122906)	671585.65	4104661.48	24.72901	(07122906)
671567.18	4104677.79	24.78201	(07122906)	671548.71	4104694.09	24.75226	(07122906)
671530.23	4104710.40	24.64970	(07122906)	671511.76	4104726.70	24.46283	(07122906)
671468.65	4104743.47	24.12342	(07122906)	671444.01	4104743.93	23.96259	(07122906)
671419.37	4104744.39	23.72526	(07122906)	671394.74	4104744.85	23.40904	(07122906)
671370.10	4104745.31	23.01804	(07122906)	671345.46	4104745.77	22.54659	(07122906)
671320.83	4104746.23	21.99189	(07122906)	671296.19	4104746.69	21.34542	(07122906)
671271.55	4104747.15	20.60359	(07122906)	671246.92	4104747.61	19.74799	(07122906)
671222.28	4104748.07	18.77062	(07122906)	671197.65	4104748.53	19.58768	(06122024)
671173.01	4104748.99	20.86186	(06122024)	671148.37	4104749.45	22.12796	(06122024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671123.74	4104749.91	23.37172	(06122024)	671099.10	4104750.37	24.59187	(06122024)
671074.46	4104750.83	25.77218	(06122024)	671049.83	4104751.29	26.87636	(06122024)
671025.19	4104751.75	27.87793	(06122024)	671000.56	4104752.21	28.75186	(06122024)
671881.25	4104400.60	22.53591	(06122021)	671893.12	4104378.65	22.49627	(06122021)
671904.98	4104356.69	22.44081	(06122021)	671916.85	4104334.73	22.37528	(06122021)
671928.72	4104312.78	22.30027	(06122021)	671940.58	4104290.82	22.22131	(06122021)
671952.45	4104268.86	22.13031	(06122021)	671964.32	4104246.90	22.03469	(06122021)
671976.19	4104224.95	21.92732	(06122021)	671988.05	4104202.99	21.81755	(06122021)
671999.92	4104181.03	21.70070	(06122021)	672011.79	4104159.07	21.57600	(06122021)
672023.66	4104137.12	21.44335	(06122021)	672035.52	4104115.16	21.30117	(06122021)
672047.39	4104093.20	21.15420	(06122021)	672059.26	4104071.25	20.99712	(06122021)
672071.12	4104049.29	20.83264	(06122021)	672082.99	4104027.33	20.66032	(06122021)
672094.86	4104005.37	20.47694	(06122021)	672106.73	4103983.42	20.42373	(07020424)
672118.59	4103961.46	20.72194	(06020109)	672130.46	4103939.50	21.25385	(06020109)
672142.33	4103917.55	21.73952	(06020109)	672154.20	4103895.59	22.17389	(06020109)
672166.06	4103873.63	22.55328	(06020109)	672177.93	4103851.67	22.87791	(06020109)
672189.80	4103829.72	23.14955	(06020109)	672201.67	4103807.76	23.37462	(06020109)
672213.53	4103785.80	23.57975	(06020109)	672225.40	4103763.85	23.77691	(06020109)
672237.27	4103741.89	23.91935	(06020109)	672249.13	4103719.93	24.00890	(06020109)
672261.00	4103697.97	24.07262	(06020109)	672272.87	4103676.02	24.12059	(06020109)
672284.74	4103654.06	24.16018	(06020109)	672296.60	4103632.10	24.19126	(06020109)
672308.47	4103610.15	24.21753	(06020109)	672320.34	4103588.19	24.24142	(06020109)
672332.21	4103566.23	24.26688	(06020109)	672344.07	4103544.27	24.40949	(06020109)
672355.94	4103522.32	24.59253	(06020109)	672367.81	4103500.36	24.67097	(06020109)
672379.67	4103478.40	24.73638	(06020109)	672391.54	4103456.44	24.80177	(06020109)
672403.41	4103434.49	24.86048	(06020109)	672415.28	4103412.53	24.92521	(06020109)
672427.14	4103390.57	24.98962	(06020109)	672439.01	4103368.62	25.05531	(06020109)
672450.88	4103346.66	25.06684	(06020109)	672462.75	4103324.70	25.05471	(06020109)
672474.61	4103302.74	24.97843	(06020109)	672486.48	4103280.79	24.82168	(06020109)
672498.35	4103258.83	24.60824	(06020109)	672510.22	4103236.87	24.38140	(06020109)
672522.08	4103214.92	24.14555	(06020109)	672533.95	4103192.96	23.82684	(06020109)
672545.82	4103171.00	23.41738	(06020109)	672557.68	4103149.04	22.89792	(06020109)
672569.55	4103127.09	22.30339	(06020109)	672581.42	4103105.13	21.73920	(06010609)
672593.29	4103083.17	21.75233	(06010609)	672605.15	4103061.22	21.76987	(06010609)
672617.02	4103039.26	21.78787	(06010609)	672628.89	4103017.30	21.81283	(06010609)
672640.76	4102995.34	21.84328	(06010609)	672652.62	4102973.39	21.88297	(06010609)
672664.49	4102951.43	21.92361	(06010609)	672676.36	4102929.47	21.96855	(06010609)
672688.22	4102907.52	22.00286	(06010609)	672700.09	4102885.56	22.02972	(06010609)
672711.96	4102863.60	22.05073	(06010609)	672723.83	4102841.64	22.11936	(08011909)
672735.69	4102819.69	22.18785	(08011909)	672747.56	4102797.73	22.25543	(08011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672759.43	4102775.77	22.32897	(08011909)	672771.30	4102753.81	22.39868	(08011909)
672783.16	4102731.86	22.46423	(08011909)	672795.03	4102709.90	22.52573	(08011909)
672806.90	4102687.94	22.71889	(08011909)	672818.77	4102665.99	23.00448	(08011909)
672830.63	4102644.03	23.17893	(08011909)	672842.50	4102622.07	23.26736	(08011909)
672854.37	4102600.11	23.35261	(08011909)	672866.23	4102578.16	23.49488	(08022909)
672878.10	4102556.20	23.72751	(08022909)	672889.97	4102534.24	23.99708	(08022909)
672901.84	4102512.29	24.26024	(08022909)	672913.70	4102490.33	24.54173	(08022909)
672925.57	4102468.37	24.83377	(08022909)	672937.44	4102446.41	25.20916	(08022909)
672082.71	4104535.78	19.06505	(06122021)	672064.23	4104552.08	19.26732	(06122021)
672045.76	4104568.39	19.46061	(06122021)	672027.28	4104584.69	19.63586	(06122021)
672008.81	4104601.00	19.79453	(06122021)	671990.33	4104617.30	19.93661	(06122021)
671971.86	4104633.61	20.05077	(06122021)	671953.38	4104649.91	20.13983	(06122021)
671934.91	4104666.22	20.19275	(06122021)	671916.43	4104682.52	20.26838	(05030321)
671897.96	4104698.82	20.43176	(05030321)	671879.49	4104715.13	20.59069	(05030321)
671861.01	4104731.43	20.73727	(05030321)	671842.54	4104747.74	20.87018	(05030321)
671824.06	4104764.04	20.99852	(05030321)	671805.59	4104780.35	21.14004	(05030321)
671787.11	4104796.65	21.27595	(05030321)	671768.64	4104812.96	21.40066	(05030321)
671750.16	4104829.26	21.50484	(05030321)	671731.69	4104845.57	21.58567	(05030321)
671713.21	4104861.87	21.64597	(05030321)	671694.74	4104878.18	21.68325	(05030321)
671676.26	4104894.48	21.69810	(05030321)	671657.79	4104910.79	21.67745	(05030321)
671639.32	4104927.09	21.60319	(05030321)	671620.84	4104943.40	21.45230	(05030321)
671602.37	4104959.70	21.22466	(05030321)	671559.26	4104976.47	20.82495	(07122906)
671534.62	4104976.93	20.87139	(07122906)	671509.98	4104977.39	20.83113	(07122906)
671485.35	4104977.85	20.67197	(07122906)	671460.71	4104978.31	20.46002	(07122906)
671436.07	4104978.77	20.19468	(07122906)	671411.44	4104979.23	19.87918	(07122906)
671386.80	4104979.69	19.51127	(07122906)	671362.17	4104980.15	19.08155	(07122906)
671337.53	4104980.61	18.58797	(07122906)	671312.89	4104981.07	18.02333	(07122906)
671288.26	4104981.53	17.38024	(07122906)	671263.62	4104981.99	16.65621	(07122906)
671238.98	4104982.45	15.85545	(07122906)	671214.35	4104982.91	16.03739	(04020303)
671189.71	4104983.37	16.38356	(04020303)	671165.08	4104983.83	17.36874	(06122024)
671140.44	4104984.29	18.36025	(06122024)	671115.80	4104984.75	19.34361	(06122024)
671091.17	4104985.21	20.30394	(06122024)	671066.53	4104985.67	21.23464	(06122024)
671041.89	4104986.13	22.10321	(06122024)	671017.26	4104986.59	22.96792	(06122024)
670992.62	4104987.05	23.97350	(06122024)	670967.99	4104987.51	24.94694	(06122024)
670943.35	4104987.97	25.91654	(06122024)	670918.71	4104988.43	26.93025	(06122024)
672101.18	4104519.47	18.84910	(06122021)	672113.05	4104497.51	18.73339	(06122021)
672124.92	4104475.56	18.61443	(06122021)	672136.78	4104453.60	18.48676	(06122021)
672148.65	4104431.64	18.35406	(06122021)	672160.52	4104409.69	18.21681	(06122021)
672172.38	4104387.73	18.07156	(06122021)	672184.25	4104365.77	17.94009	(07020424)
672196.12	4104343.81	17.99199	(07020424)	672207.99	4104321.86	18.02904	(07020424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672219.85	4104299.90	18.05827	(07020424)	672231.72	4104277.94	18.07573	(07020424)
672243.59	4104255.99	18.08853	(07020424)	672255.46	4104234.03	18.09336	(07020424)
672267.32	4104212.07	18.09478	(07020424)	672279.19	4104190.11	18.09278	(07020424)
672291.06	4104168.16	18.08303	(07020424)	672302.92	4104146.20	18.07200	(07020424)
672314.79	4104124.24	18.05483	(07020424)	672326.66	4104102.29	18.03529	(07020424)
672338.53	4104080.33	18.32052	(06020109)	672350.39	4104058.37	18.76720	(06020109)
672362.26	4104036.41	19.20343	(06020109)	672374.13	4104014.46	19.62342	(06020109)
672386.00	4103992.50	20.02199	(06020109)	672397.86	4103970.54	20.39489	(06020109)
672409.73	4103948.59	20.73751	(06020109)	672421.60	4103926.63	21.04693	(06020109)
672433.47	4103904.67	21.32224	(06020109)	672445.33	4103882.71	21.56448	(06020109)
672457.20	4103860.76	21.77267	(06020109)	672469.07	4103838.80	21.94920	(06020109)
672480.93	4103816.84	22.09745	(06020109)	672492.80	4103794.88	22.22063	(06020109)
672504.67	4103772.93	22.32052	(06020109)	672516.54	4103750.97	22.40204	(06020109)
672528.40	4103729.01	22.46723	(06020109)	672540.27	4103707.06	22.51769	(06020109)
672552.14	4103685.10	22.55495	(06020109)	672564.01	4103663.14	22.58381	(06020109)
672575.87	4103641.18	22.63072	(06020109)	672587.74	4103619.23	22.67002	(06020109)
672599.61	4103597.27	22.71066	(06020109)	672611.47	4103575.31	22.74078	(06020109)
672623.34	4103553.36	22.74048	(06020109)	672635.21	4103531.40	22.76451	(06020109)
672647.08	4103509.44	22.77083	(06020109)	672658.94	4103487.48	22.70439	(06020109)
672670.81	4103465.53	22.57665	(06020109)	672682.68	4103443.57	22.39527	(06020109)
672694.55	4103421.61	22.15464	(06020109)	672706.41	4103399.66	21.84419	(06020109)
672718.28	4103377.70	21.47461	(06020109)	672730.15	4103355.74	21.05422	(06020109)
672742.02	4103333.78	20.53590	(06020109)	672753.88	4103311.83	20.37491	(06010609)
672765.75	4103289.87	20.38855	(06010609)	672777.62	4103267.91	20.39981	(06010609)
672789.48	4103245.96	20.40514	(06010609)	672801.35	4103224.00	20.39245	(06010609)
672813.22	4103202.04	20.40985	(06010609)	672825.09	4103180.08	20.45115	(06010609)
672836.95	4103158.13	20.46699	(06010609)	672848.82	4103136.17	20.47957	(06010609)
672860.69	4103114.21	20.48683	(06010609)	672872.56	4103092.25	20.48680	(06010609)
672884.42	4103070.30	20.48345	(06010609)	672896.29	4103048.34	20.47673	(06010609)
672908.16	4103026.38	20.46312	(06010609)	672920.02	4103004.43	20.44857	(06010609)
672931.89	4102982.47	20.55046	(06010609)	672943.76	4102960.51	20.67476	(06010609)
672955.63	4102938.55	20.74531	(06010609)	672967.49	4102916.60	20.72194	(06010609)
672979.36	4102894.64	20.75747	(07011509)	672991.23	4102872.68	20.83041	(08011909)
673003.10	4102850.73	20.93133	(08011909)	673014.96	4102828.77	21.03495	(08011909)
673026.83	4102806.81	21.14561	(08011909)	673038.70	4102784.85	21.26091	(08011909)
673050.57	4102762.90	21.36819	(08011909)	673062.43	4102740.94	21.47633	(08011909)
673074.30	4102718.98	21.56143	(08011909)	673086.17	4102697.03	21.63102	(08011909)
673098.03	4102675.07	21.71435	(08011909)	673109.90	4102653.11	21.80382	(08011909)
673121.77	4102631.15	21.88749	(08011909)	673133.64	4102609.20	21.96883	(08011909)
673145.50	4102587.24	22.02104	(08011909)	673157.37	4102565.28	22.04730	(08011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672522.57	4104773.51	14.65037	(07020424)	672504.10	4104789.82	14.58210	(07020424)
672485.62	4104806.12	14.49372	(07020424)	672467.15	4104822.43	14.38430	(07020424)
672448.67	4104838.73	14.25144	(07020424)	672430.20	4104855.04	14.09096	(07020424)
672411.72	4104871.34	14.25771	(06122021)	672393.25	4104887.65	14.45559	(06122021)
672374.77	4104903.95	14.64808	(06122021)	672356.30	4104920.26	14.83829	(06122021)
672337.83	4104936.56	15.01819	(06122021)	672319.35	4104952.87	15.19141	(06122021)
672300.88	4104969.17	15.35114	(06122021)	672282.40	4104985.48	15.50117	(06122021)
672263.93	4105001.78	15.63702	(06122021)	672245.45	4105018.08	15.75581	(06122021)
672226.98	4105034.39	15.85592	(06122021)	672208.50	4105050.69	15.93467	(06122021)
672190.03	4105067.00	15.99054	(06122021)	672171.55	4105083.30	16.02268	(06122021)
672153.08	4105099.61	16.02407	(06122021)	672134.60	4105115.91	16.22136	(05030321)
672116.13	4105132.22	16.44158	(05030321)	672097.66	4105148.52	16.66420	(05030321)
672079.18	4105164.83	16.88179	(05030321)	672060.71	4105181.13	17.08430	(05030321)
672042.23	4105197.44	17.27078	(05030321)	672023.76	4105213.74	17.43360	(05030321)
672005.28	4105230.05	17.58133	(05030321)	671986.81	4105246.35	17.71308	(05030321)
671968.33	4105262.66	17.83160	(05030321)	671949.86	4105278.96	17.93576	(05030321)
671931.38	4105295.27	18.02415	(05030321)	671912.91	4105311.57	18.09390	(05030321)
671894.43	4105327.88	18.14593	(05030321)	671875.96	4105344.18	18.17419	(05030321)
671857.49	4105360.49	18.17442	(05030321)	671839.01	4105376.79	18.14578	(05030321)
671820.54	4105393.10	18.08956	(05030321)	671802.06	4105409.40	18.00464	(05030321)
671783.59	4105425.70	18.00726	(05030321)	671740.48	4105442.47	18.00314	(05030321)
671715.84	4105442.93	17.98233	(05030321)	671691.20	4105443.39	17.79759	(05030321)
671666.57	4105443.85	17.41522	(05030321)	671641.93	4105444.31	16.78994	(05030321)
671617.30	4105444.77	16.17795	(05030321)	671592.66	4105445.23	16.04878	(07122906)
671568.02	4105445.69	15.96956	(07122906)	671543.39	4105446.15	15.87793	(07122906)
671518.75	4105446.61	15.74154	(07122906)	671494.11	4105447.07	15.55393	(07122906)
671469.48	4105447.53	15.33725	(07122906)	671444.84	4105447.99	15.09597	(07122906)
671420.20	4105448.45	14.85658	(07122906)	671395.57	4105448.91	14.66002	(07122906)
671370.93	4105449.37	14.45639	(07122906)	671346.30	4105449.83	14.17049	(07122906)
671321.66	4105450.30	13.83164	(07122906)	671297.02	4105450.76	13.42629	(07122906)
671272.39	4105451.22	12.91872	(07122906)	671247.75	4105451.68	13.16307	(04020303)
671223.11	4105452.14	13.46636	(04020303)	671198.48	4105452.60	13.62227	(04020303)
671173.84	4105453.06	13.59123	(04020303)	671149.21	4105453.52	13.65282	(04020303)
671124.57	4105453.98	13.67224	(04020303)	671099.93	4105454.44	13.94283	(06122024)
671075.30	4105454.90	14.60735	(06122024)	671050.66	4105455.36	15.25974	(06122024)
671026.02	4105455.82	15.89075	(06122024)	671001.39	4105456.28	16.49050	(06122024)
670976.75	4105456.74	17.04890	(06122024)	670952.12	4105457.20	17.56422	(06122024)
670927.48	4105457.66	18.02835	(06122024)	670902.84	4105458.12	18.43959	(06122024)
670878.21	4105458.58	18.78554	(06122024)	670853.57	4105459.04	19.08497	(06122024)
670828.93	4105459.50	19.39282	(06122024)	670804.30	4105459.96	19.61290	(06122024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670779.66	4105460.42	19.72114	(06122024)	670755.03	4105460.88	19.82543	(06122024)
672541.05	4104757.21	14.69771	(07020424)	672552.91	4104735.25	14.76861	(07020424)
672564.78	4104713.29	14.82420	(07020424)	672576.65	4104691.34	14.86487	(07020424)
672588.52	4104669.38	14.89129	(07020424)	672600.38	4104647.42	14.90461	(07020424)
672612.25	4104625.47	14.90673	(07020424)	672624.12	4104603.51	14.89818	(07020424)
672635.98	4104581.55	14.87900	(07020424)	672647.85	4104559.59	14.85249	(07020424)
672659.72	4104537.64	14.81497	(07020424)	672671.59	4104515.68	14.77079	(07020424)
672683.45	4104493.72	14.71684	(07020424)	672695.32	4104471.76	14.65608	(07020424)
672707.19	4104449.81	14.58911	(07020424)	672719.06	4104427.85	14.57538	(06020109)
672730.92	4104405.89	14.82926	(06020109)	672742.79	4104383.94	15.08308	(06020109)
672754.66	4104361.98	15.34308	(06020109)	672766.52	4104340.02	15.60670	(06020109)
672778.39	4104318.06	15.87328	(06020109)	672790.26	4104296.11	16.14482	(06020109)
672802.13	4104274.15	16.41841	(06020109)	672813.99	4104252.19	16.69527	(06020109)
672825.86	4104230.24	16.97220	(06020109)	672837.73	4104208.28	17.24893	(06020109)
672849.60	4104186.32	17.52196	(06020109)	672861.46	4104164.36	17.79125	(06020109)
672873.33	4104142.41	18.05267	(06020109)	672885.20	4104120.45	18.30100	(06020109)
672897.07	4104098.49	18.53545	(06020109)	672908.93	4104076.54	18.75043	(06020109)
672920.80	4104054.58	18.94422	(06020109)	672932.67	4104032.62	19.10977	(06020109)
672944.53	4104010.66	19.24614	(06020109)	672956.40	4103988.71	19.34808	(06020109)
672968.27	4103966.75	19.41036	(06020109)	672980.14	4103944.79	19.43202	(06020109)
672992.00	4103922.83	19.40672	(06020109)	673003.87	4103900.88	19.33413	(06020109)
673015.74	4103878.92	19.24449	(06020109)	673027.61	4103856.96	19.11568	(06020109)
673039.47	4103835.01	18.92103	(06020109)	673051.34	4103813.05	18.64447	(06020109)
673063.21	4103791.09	18.30908	(06020109)	673075.07	4103769.13	17.92098	(06020109)
673086.94	4103747.18	17.59014	(06010609)	673098.81	4103725.22	17.64254	(06010609)
673110.68	4103703.26	17.68423	(06010609)	673122.54	4103681.31	17.72050	(06010609)
673134.41	4103659.35	17.75754	(06010609)	673146.28	4103637.39	17.79361	(06010609)
673158.15	4103615.43	17.82691	(06010609)	673170.01	4103593.48	17.85904	(06010609)
673181.88	4103571.52	17.88783	(06010609)	673193.75	4103549.56	17.91197	(06010609)
673205.62	4103527.61	17.93459	(06010609)	673217.48	4103505.65	17.95606	(06010609)
673229.35	4103483.69	17.97785	(06010609)	673241.22	4103461.73	18.03098	(06010609)
673253.08	4103439.78	18.33631	(06010609)	673264.95	4103417.82	18.41524	(06010609)
673276.82	4103395.86	18.45901	(06010609)	673288.69	4103373.91	18.49083	(06010609)
673300.55	4103351.95	18.50765	(06010609)	673312.42	4103329.99	18.50262	(06010609)
673324.29	4103308.03	18.47725	(06010609)	673336.16	4103286.08	18.45061	(06010609)
673348.02	4103264.12	18.41590	(06010609)	673359.89	4103242.16	18.35018	(06010609)
673371.76	4103220.20	18.29675	(06010609)	673383.62	4103198.25	18.27263	(06010609)
673395.49	4103176.29	18.28268	(06010609)	673407.36	4103154.33	18.28528	(06010609)
673419.23	4103132.38	18.24808	(06010609)	673431.09	4103110.42	18.16295	(06010609)
673442.96	4103088.46	18.07982	(06010609)	673454.83	4103066.50	18.00505	(06010609)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673466.70	4103044.55	17.94447	(06010609)	673478.56	4103022.59	18.05172	(07011509)
673490.43	4103000.63	18.17717	(07011509)	673502.30	4102978.68	18.31112	(07011509)
673514.17	4102956.72	18.51723	(07011509)	673526.03	4102934.76	18.75699	(07011509)
673537.90	4102912.80	18.94949	(07011509)	673549.77	4102890.85	19.15514	(07011509)
673561.63	4102868.89	19.33649	(04011309)	673573.50	4102846.93	19.57240	(04011309)
673585.37	4102824.98	19.79340	(04011309)	673597.24	4102803.02	19.84332	(04011309)
672962.44	4105011.25	12.53469	(07020424)	672943.96	4105027.55	12.57579	(07020424)
672925.49	4105043.86	12.60214	(07020424)	672907.01	4105060.16	12.61689	(07020424)
672888.54	4105076.47	12.61411	(07020424)	672870.06	4105092.77	12.59685	(07020424)
672851.59	4105109.08	12.56206	(07020424)	672833.11	4105125.38	12.51066	(07020424)
672814.64	4105141.69	12.44286	(07020424)	672796.17	4105157.99	12.35727	(07020424)
672777.69	4105174.30	12.25111	(07020424)	672759.22	4105190.60	12.12937	(07020424)
672740.74	4105206.91	11.98914	(07020424)	672722.27	4105223.21	11.82858	(07020424)
672703.79	4105239.52	11.65303	(07020424)	672685.32	4105255.82	11.51199	(06122021)
672666.84	4105272.13	11.70966	(06122021)	672648.37	4105288.43	11.92772	(06122021)
672629.89	4105304.74	12.11340	(06122021)	672611.42	4105321.04	12.29014	(06122021)
672592.94	4105337.34	12.47265	(06122021)	672574.47	4105353.65	12.66342	(06122021)
672556.00	4105369.95	12.87314	(06122021)	672537.52	4105386.26	13.11312	(06122021)
672519.05	4105402.56	13.39162	(06122021)	672500.57	4105418.87	13.69043	(06122021)
672482.10	4105435.17	14.00930	(06122021)	672463.62	4105451.48	14.31892	(06122021)
672445.15	4105467.78	14.47968	(06122021)	672426.67	4105484.09	14.59315	(06122021)
672408.20	4105500.39	14.64012	(06122021)	672389.72	4105516.70	14.58552	(06122021)
672371.25	4105533.00	14.57871	(06122021)	672352.77	4105549.31	14.82656	(05030321)
672334.30	4105565.61	15.25801	(05030321)	672315.83	4105581.92	15.67179	(05030321)
672297.35	4105598.22	16.06105	(05030321)	672278.88	4105614.53	16.39445	(05030321)
672260.40	4105630.83	16.68484	(05030321)	672241.93	4105647.14	16.95998	(05030321)
672223.45	4105663.44	17.07886	(05030321)	672204.98	4105679.75	16.73512	(05030321)
672186.50	4105696.05	16.53556	(05030321)	672168.03	4105712.36	16.37662	(05030321)
672149.55	4105728.66	16.26331	(05030321)	672131.08	4105744.96	16.20622	(05030321)
672112.61	4105761.27	16.19517	(05030321)	672094.13	4105777.57	16.20741	(05030321)
672075.66	4105793.88	16.28699	(05030321)	672057.18	4105810.18	16.35817	(05030321)
672038.71	4105826.49	16.42792	(05030321)	672020.23	4105842.79	16.52707	(05030321)
672001.76	4105859.10	16.61483	(05030321)	671983.28	4105875.40	16.67074	(05030321)
671964.81	4105891.71	16.66874	(05030321)	671921.70	4105908.47	16.27813	(05030321)
671897.06	4105908.93	15.92857	(05030321)	671872.42	4105909.39	15.65494	(05030321)
671847.79	4105909.85	15.36508	(05030321)	671823.15	4105910.31	15.05131	(05030321)
671798.52	4105910.77	14.69698	(05030321)	671773.88	4105911.23	14.31945	(05030321)
671749.24	4105911.70	13.90749	(05030321)	671724.61	4105912.16	13.46819	(05030321)
671699.97	4105912.62	13.00905	(05030321)	671675.33	4105913.08	12.91524	(07122906)
671650.70	4105913.54	13.08844	(07122906)	671626.06	4105914.00	13.35923	(07122906)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671601.43	4105914.46	13.85312	(07122906)	671576.79	4105914.92	14.27862	(07122906)
671552.15	4105915.38	14.36236	(07122906)	671527.52	4105915.84	13.88341	(07122906)
671502.88	4105916.30	13.45458	(07122906)	671478.24	4105916.76	13.16380	(07122906)
671453.61	4105917.22	12.86872	(07122906)	671428.97	4105917.68	12.52606	(07122906)
671404.34	4105918.14	12.16396	(07122906)	671379.70	4105918.60	11.82093	(07122906)
671355.06	4105919.06	11.55847	(07122906)	671330.43	4105919.52	11.35899	(07122906)
671305.79	4105919.98	11.25008	(07122906)	671281.15	4105920.44	11.71157	(04020303)
671256.52	4105920.90	12.36929	(04020303)	671231.88	4105921.36	12.63266	(04020303)
671207.25	4105921.82	12.66362	(04020303)	671182.61	4105922.28	12.67294	(04020303)
671157.97	4105922.74	12.55785	(04020303)	671133.34	4105923.20	12.26505	(04020303)
671108.70	4105923.66	11.96893	(04020303)	671084.06	4105924.12	11.89224	(04020303)
671059.43	4105924.58	11.77925	(04020303)	671034.79	4105925.04	11.59984	(06122024)
671010.16	4105925.50	12.09896	(06122024)	670985.52	4105925.96	12.57589	(06122024)
670960.88	4105926.43	13.03540	(06122024)	670936.25	4105926.89	13.47879	(06122024)
670911.61	4105927.35	13.90688	(06122024)	670886.97	4105927.81	14.35473	(06122024)
670862.34	4105928.27	14.76230	(06122024)	670837.70	4105928.73	15.12427	(06122024)
670813.07	4105929.19	15.49329	(06122024)	670788.43	4105929.65	15.81049	(06122024)
670763.79	4105930.11	16.08640	(06122024)	670739.16	4105930.57	16.39121	(06122024)
670714.52	4105931.03	16.57944	(06122024)	670689.88	4105931.49	16.61284	(06122024)
670665.25	4105931.95	16.48720	(06122024)	670640.61	4105932.41	16.78628	(04122421)
670615.98	4105932.87	17.38405	(04122421)	670591.34	4105933.33	18.08893	(04122421)
672980.91	4104994.94	12.48052	(07020424)	672992.78	4104972.99	12.45343	(07020424)
673004.65	4104951.03	12.41506	(07020424)	673016.51	4104929.07	12.36860	(07020424)
673028.38	4104907.12	12.31112	(07020424)	673040.25	4104885.16	12.30537	(06020109)
673052.12	4104863.20	12.43753	(06020109)	673063.98	4104841.24	12.57630	(06020109)
673075.85	4104819.29	12.72192	(06020109)	673087.72	4104797.33	12.87291	(06020109)
673099.58	4104775.37	13.02786	(06020109)	673111.45	4104753.42	13.18978	(06020109)
673123.32	4104731.46	13.35167	(06020109)	673135.19	4104709.50	13.51649	(06020109)
673147.05	4104687.54	13.68351	(06020109)	673158.92	4104665.59	13.84996	(06020109)
673170.79	4104643.63	14.01547	(06020109)	673182.66	4104621.67	14.18062	(06020109)
673194.52	4104599.71	14.34319	(06020109)	673206.39	4104577.76	14.50108	(06020109)
673218.26	4104555.80	14.65369	(06020109)	673230.12	4104533.84	14.80054	(06020109)
673241.99	4104511.89	14.93955	(06020109)	673253.86	4104489.93	15.07129	(06020109)
673265.73	4104467.97	15.18969	(06020109)	673277.59	4104446.01	15.29451	(06020109)
673289.46	4104424.06	15.38580	(06020109)	673301.33	4104402.10	15.45874	(06020109)
673313.20	4104380.14	15.51278	(06020109)	673325.06	4104358.19	15.54427	(06020109)
673336.93	4104336.23	15.54819	(06020109)	673348.80	4104314.27	15.52618	(06020109)
673360.67	4104292.31	15.48447	(06020109)	673372.53	4104270.36	15.47987	(06020109)
673384.40	4104248.40	15.38456	(06020109)	673396.27	4104226.44	15.19311	(06020109)
673408.13	4104204.49	14.97547	(06020109)	673420.00	4104182.53	14.74940	(06020109)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673431.87	4104160.57	14.52568	(06020109)	673443.74	4104138.61	14.28574	(06020109)
673455.60	4104116.66	14.19202	(07121609)	673467.47	4104094.70	14.52271	(06010609)
673479.34	4104072.74	14.82793	(06010609)	673491.21	4104050.79	15.07254	(06010609)
673503.07	4104028.83	15.32172	(06010609)	673514.94	4104006.87	15.56279	(06010609)
673526.81	4103984.91	15.77095	(06010609)	673538.67	4103962.96	15.94359	(06010609)
673550.54	4103941.00	16.10613	(06010609)	673562.41	4103919.04	16.25235	(06010609)
673574.28	4103897.08	16.36211	(06010609)	673586.14	4103875.13	16.45299	(06010609)
673598.01	4103853.17	16.53682	(06010609)	673609.88	4103831.21	16.61563	(06010609)
673621.75	4103809.26	16.68645	(06010609)	673633.61	4103787.30	16.74662	(06010609)
673645.48	4103765.34	16.79585	(06010609)	673657.35	4103743.38	16.83663	(06010609)
673669.22	4103721.43	16.87684	(06010609)	673681.08	4103699.47	16.90718	(06010609)
673692.95	4103677.51	16.92162	(06010609)	673704.82	4103655.56	16.92482	(06010609)
673716.68	4103633.60	16.92593	(06010609)	673728.55	4103611.64	16.93295	(06010609)
673740.42	4103589.68	16.95023	(06010609)	673752.29	4103567.73	16.98350	(06010609)
673764.15	4103545.77	17.03381	(06010609)	673776.02	4103523.81	17.08566	(06010609)
673787.89	4103501.86	17.09935	(06010609)	673799.76	4103479.90	17.09439	(06010609)
673811.62	4103457.94	17.06507	(06010609)	673823.49	4103435.98	16.99963	(06010609)
673835.36	4103414.03	16.89999	(06010609)	673847.22	4103392.07	16.79833	(06010609)
673859.09	4103370.11	16.75959	(06010609)	673870.96	4103348.15	16.76515	(06010609)
673882.83	4103326.20	16.70745	(06010609)	673894.69	4103304.24	16.62017	(06010609)
673906.56	4103282.28	16.51208	(06010609)	673918.43	4103260.33	16.38432	(06010609)
673930.30	4103238.37	16.26697	(06010609)	673942.16	4103216.41	16.21258	(07011409)
673954.03	4103194.45	16.25921	(07011409)	673965.90	4103172.50	16.29669	(07011409)
673977.77	4103150.54	16.32411	(07011409)	673989.63	4103128.58	16.34435	(07011409)
674001.50	4103106.63	16.36803	(07011409)	674013.37	4103084.67	16.38891	(07011409)
674025.23	4103062.71	16.41437	(07011409)	674037.10	4103040.75	16.43926	(07011409)
672288.44	4102067.26	46.64936	(07010403)	672266.11	4102056.56	49.55903	(07012718)
672243.78	4102045.86	53.03093	(07012718)	672221.44	4102035.16	56.72549	(07012718)
672199.11	4102024.46	60.62029	(07012718)	672176.77	4102013.76	64.56166	(07012718)
672154.44	4102003.06	68.30463	(07012718)	672132.11	4101992.36	72.33347	(04022206)
672109.77	4101981.65	78.86482	(04022206)	672087.44	4101970.95	85.53383	(04022206)
672065.11	4101960.25	92.01338	(04022206)	672042.77	4101949.55	97.21812	(04022206)
672020.44	4101938.85	100.82764	(04022206)	671998.11	4101928.15	103.12149	(04022206)
671975.77	4101917.45	102.34123	(04022206)	671953.44	4101906.74	97.81639	(04022206)
671931.10	4101896.04	103.83916	(05021803)	671908.77	4101885.34	104.89527	(05021803)
671886.44	4101874.64	102.32624	(05021803)	671864.10	4101863.94	97.37164	(05021803)
671841.77	4101853.24	91.04798	(05021803)	671819.44	4101842.54	82.82882	(05021803)
671797.10	4101831.84	69.30806	(05021803)	671774.77	4101821.13	54.97619	(07042003)
671752.43	4101810.43	51.11008	(07042003)	671730.10	4101799.73	49.73718	(07042003)
671707.77	4101789.03	46.89996	(07042003)	671685.43	4101778.33	43.86889	(07042003)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671663.10	4101767.63	40.82137	(07042003)	671640.77	4101756.93	37.83900	(07042003)
671618.43	4101746.22	35.84347	(06020206)	672312.22	4102059.54	45.21704	(07010403)
672276.91	4102034.02	49.89410	(07012718)	672254.58	4102023.32	53.26871	(07012718)
672232.24	4102012.62	56.81981	(07012718)	672209.91	4102001.91	60.45749	(07012718)
672187.58	4101991.21	64.02536	(07012718)	672165.24	4101980.51	67.17842	(07012718)
672142.91	4101969.81	72.07734	(04022206)	672120.58	4101959.11	77.91290	(04022206)
672098.24	4101948.41	83.27229	(04022206)	672075.91	4101937.71	88.69381	(04022206)
672053.58	4101927.00	93.24636	(04022206)	672031.24	4101916.30	96.19599	(04022206)
672008.91	4101905.60	98.00102	(04022206)	671986.57	4101894.90	96.74689	(04022206)
671964.24	4101884.20	91.88407	(07111024)	671941.91	4101873.50	97.76493	(05021803)
671919.57	4101862.80	98.97022	(05021803)	671897.24	4101852.10	96.30212	(05021803)
671874.91	4101841.39	90.31113	(05021803)	671852.57	4101830.69	85.22096	(05021803)
671830.24	4101819.99	79.47721	(05021803)	671807.90	4101809.29	68.47615	(05021803)
671785.57	4101798.59	55.17123	(07042003)	671763.24	4101787.89	50.04100	(07042003)
671740.90	4101777.19	49.63684	(07042003)	671718.57	4101766.48	46.99215	(07042003)
671696.24	4101755.78	44.06973	(07042003)	671673.90	4101745.08	41.07536	(07042003)
671651.57	4101734.38	38.12369	(07042003)	672323.02	4102036.99	45.28169	(07010403)
672347.18	4102086.24	42.44691	(08120606)	672287.71	4102011.47	50.16620	(07012718)
672265.38	4102000.77	53.40896	(07012718)	672243.05	4101990.07	56.75011	(07012718)
672220.71	4101979.37	60.03906	(07012718)	672198.38	4101968.67	63.18991	(07012718)
672176.05	4101957.97	66.10590	(04022206)	672153.71	4101947.26	71.58346	(04022206)
672131.38	4101936.56	76.85962	(04022206)	672109.05	4101925.86	81.39368	(04022206)
672086.71	4101915.16	85.41184	(04022206)	672064.38	4101904.46	89.23838	(04022206)
672042.04	4101893.76	91.70218	(04022206)	672019.71	4101883.06	92.79753	(04022206)
671997.38	4101872.35	91.27742	(04022206)	671975.04	4101861.65	87.43534	(07111024)
671952.71	4101850.95	89.12310	(05021803)	671930.38	4101840.25	93.22216	(05021803)
671908.04	4101829.55	88.67611	(05021803)	671885.71	4101818.85	85.82366	(05021803)
671863.38	4101808.15	81.32083	(05021803)	671841.04	4101797.45	75.57996	(05021803)
671818.71	4101786.74	66.91152	(05021803)	671796.37	4101776.04	55.01440	(07042003)
671774.04	4101765.34	49.92598	(07042003)	671751.71	4101754.64	49.42100	(07042003)
671729.37	4101743.94	47.01193	(07042003)	671707.04	4101733.24	44.22329	(07042003)
671684.71	4101722.54	41.30732	(07042003)	671662.37	4101711.83	38.39524	(07042003)
671640.04	4101701.13	35.54890	(07042003)	672333.82	4102014.45	45.21065	(07010403)
672359.77	4102044.08	42.70594	(07010403)	672370.96	4102078.52	41.30469	(08120606)
672298.52	4101988.93	50.35802	(07012718)	672276.18	4101978.23	53.43230	(07012718)
672253.85	4101967.52	56.56948	(07012718)	672231.52	4101956.82	59.47972	(07012718)
672209.18	4101946.12	62.14706	(07012718)	672186.85	4101935.42	65.75836	(04022206)
672164.52	4101924.72	70.73471	(04022206)	672142.18	4101914.02	75.63000	(04022206)
672119.85	4101903.32	79.65515	(04022206)	672097.51	4101892.61	82.80074	(04022206)
672075.18	4101881.91	85.47063	(04022206)	672052.85	4101871.21	87.23408	(04022206)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672030.51	4101860.51	87.74717	(04022206)	672008.18	4101849.81	86.04674	(04022206)
671985.85	4101839.11	83.35431	(07111024)	671963.51	4101828.41	84.64498	(05021803)
671941.18	4101817.71	85.16545	(05021803)	671918.85	4101807.00	84.22036	(05021803)
671896.51	4101796.30	81.59593	(05021803)	671874.18	4101785.60	77.59702	(05021803)
671851.84	4101774.90	72.55875	(05021803)	671829.51	4101764.20	65.17537	(05021803)
671807.18	4101753.50	54.63472	(07042003)	671784.84	4101742.80	49.13617	(07042003)
671762.51	4101732.09	49.09906	(07042003)	671740.18	4101721.39	46.94450	(07042003)
671717.84	4101710.69	44.32278	(07042003)	671695.51	4101699.99	41.51049	(07042003)
671673.17	4101689.29	38.65242	(07042003)	672358.02	4101972.32	45.49254	(07012718)
672373.59	4101990.10	43.38439	(07010403)	672389.16	4102007.88	41.96995	(07010403)
672404.73	4102025.67	40.42609	(07010403)	672418.16	4102066.98	39.04244	(08120606)
672416.02	4102090.52	38.60315	(08120606)	672413.88	4102114.06	38.03253	(08120606)
672411.74	4102137.59	37.33664	(08120606)	672342.46	4101954.54	47.94181	(07012718)
672320.12	4101943.84	50.58119	(07012718)	672297.79	4101933.13	53.22207	(07012718)
672275.46	4101922.43	55.76455	(07012718)	672253.12	4101911.73	57.98817	(07012718)
672230.79	4101901.03	60.58852	(04022206)	672208.45	4101890.33	64.89662	(04022206)
672186.12	4101879.63	69.11076	(04022206)	672163.79	4101868.93	73.01021	(04022206)
672141.45	4101858.23	76.09249	(04022206)	672119.12	4101847.52	77.85923	(04022206)
672096.79	4101836.82	80.09949	(04022206)	672074.45	4101826.12	79.87676	(04022206)
672052.12	4101815.42	78.49776	(04022206)	672029.79	4101804.72	76.34268	(04022206)
672007.45	4101794.02	76.17004	(07111024)	671985.12	4101783.32	76.64202	(05021803)
671962.78	4101772.61	77.13334	(05021803)	671940.45	4101761.91	76.27324	(05021803)
671918.12	4101751.21	73.77492	(05021803)	671895.78	4101740.51	70.44534	(05021803)
671873.45	4101729.81	66.80188	(05021803)	671851.12	4101719.11	61.47605	(05021803)
671828.78	4101708.41	52.89249	(07042003)	671806.45	4101697.71	47.74077	(07042003)
671784.12	4101687.00	48.14401	(07042003)	671761.78	4101676.30	46.54253	(07042003)
671739.45	4101665.60	44.33664	(07042003)	671717.11	4101654.90	41.78359	(07042003)
671694.78	4101644.20	39.09444	(07042003)	671672.45	4101633.50	36.37718	(07042003)
672378.89	4101926.38	46.21465	(07012718)	672408.54	4101960.25	41.83533	(07010403)
672423.37	4101977.19	40.67451	(07010403)	672453.02	4102011.06	38.18993	(08120606)
672465.81	4102050.41	37.08518	(08120606)	672461.74	4102095.24	36.32951	(08120606)
672459.70	4102117.66	35.83154	(08120606)	672455.62	4102162.49	34.58639	(08120606)
672364.06	4101909.45	48.31363	(07012718)	672341.73	4101898.74	50.60425	(07012718)
672319.40	4101888.04	52.79071	(07012718)	672297.06	4101877.34	54.79656	(07012718)
672274.73	4101866.64	56.53073	(04022206)	672252.39	4101855.94	60.81893	(04022206)
672230.06	4101845.24	65.20291	(04022206)	672207.73	4101834.54	68.77224	(04022206)
672185.39	4101823.84	71.95421	(04022206)	672163.06	4101813.13	73.97086	(04022206)
672140.73	4101802.43	74.14490	(04022206)	672118.39	4101791.73	73.49506	(04022206)
672096.06	4101781.03	73.02314	(04022206)	672073.72	4101770.33	70.74541	(04022206)
672051.39	4101759.63	67.88672	(04022206)	672029.06	4101748.93	69.77018	(07111024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672006.72	4101738.22	69.95663	(05021803)	671984.39	4101727.52	70.30186	(05021803)
671962.06	4101716.82	69.45188	(05021803)	671939.72	4101706.12	66.90561	(05021803)
671917.39	4101695.42	64.02819	(05021803)	671895.06	4101684.72	61.64292	(05021803)
671872.72	4101674.02	57.77775	(05021803)	671850.39	4101663.32	50.30892	(07042003)
671828.05	4101652.61	45.90425	(07042003)	671805.72	4101641.91	46.85135	(07042003)
671783.39	4101631.21	45.79745	(07042003)	671761.05	4101620.51	44.05858	(07042003)
671738.72	4101609.81	41.85774	(07042003)	671716.39	4101599.11	39.39394	(07042003)
671694.05	4101588.41	36.82583	(07042003)	672401.88	4101882.88	46.61350	(07012718)
672418.10	4101901.40	44.48881	(07012718)	672434.32	4101919.92	42.11794	(07012718)
672450.53	4101938.45	40.25800	(07010403)	672466.75	4101956.97	38.98778	(07010403)
672482.97	4101975.49	37.66953	(07010403)	672499.18	4101994.02	36.44888	(08120606)
672513.17	4102037.06	35.41679	(08120606)	672510.94	4102061.57	35.11791	(08120606)
672508.71	4102086.09	34.67802	(08120606)	672506.49	4102110.61	34.12754	(08120606)
672504.26	4102135.13	33.51923	(08120606)	672502.03	4102159.64	32.88473	(08120606)
672499.80	4102184.16	32.61334	(05121506)	672385.67	4101864.36	48.47104	(07012718)
672363.33	4101853.65	50.21552	(07012718)	672341.00	4101842.95	51.71472	(07012718)
672318.67	4101832.25	53.00904	(07012718)	672296.33	4101821.55	56.26291	(04022206)
672274.00	4101810.85	60.28106	(04022206)	672251.67	4101800.15	63.85243	(04022206)
672229.33	4101789.45	66.88054	(04022206)	672207.00	4101778.74	69.09491	(04022206)
672184.67	4101768.04	70.24032	(04022206)	672162.33	4101757.34	70.08668	(04022206)
672140.00	4101746.64	68.36437	(04022206)	672117.66	4101735.94	66.57771	(04022206)
672095.33	4101725.24	64.15560	(04022206)	672073.00	4101714.54	61.85317	(07111024)
672050.66	4101703.84	63.82360	(07111024)	672028.33	4101693.13	64.17374	(07111024)
672006.00	4101682.43	64.35078	(05021803)	671983.66	4101671.73	63.31490	(05021803)
671961.33	4101661.03	61.28672	(05021803)	671938.99	4101650.33	59.13418	(05021803)
671916.66	4101639.63	57.13793	(05021803)	671894.33	4101628.93	54.16727	(05021803)
671871.99	4101618.22	47.39844	(07042003)	671849.66	4101607.52	44.17243	(07042003)
671827.33	4101596.82	45.13540	(07042003)	671804.99	4101586.12	44.72071	(07042003)
671782.66	4101575.42	43.48835	(07042003)	671760.33	4101564.72	41.68724	(07042003)
671737.99	4101554.02	39.52336	(07042003)	671715.66	4101543.32	37.15497	(07042003)
672437.40	4101807.17	46.70191	(07012718)	672453.13	4101825.13	45.15070	(07012718)
672468.85	4101843.09	43.38389	(07012718)	672484.58	4101861.05	41.43837	(07012718)
672500.30	4101879.01	39.33890	(07012718)	672516.03	4101896.97	37.94223	(07010403)
672531.75	4101914.94	36.93469	(07010403)	672547.48	4101932.90	35.80728	(07010403)
672563.20	4101950.86	34.68544	(07010403)	672578.93	4101968.82	33.74674	(08120606)
672592.49	4102010.56	33.04633	(08120606)	672590.33	4102034.33	32.99450	(08120606)
672588.17	4102058.11	32.85642	(08120606)	672586.01	4102081.88	32.75605	(08120606)
672583.85	4102105.65	32.82193	(04121024)	672581.69	4102129.43	33.24856	(05012309)
672579.53	4102153.20	33.91914	(05012309)	672577.37	4102176.98	34.51354	(05012309)
672575.21	4102200.75	34.32557	(05012309)	672573.04	4102224.53	33.08370	(05012309)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672421.68	4101789.20	47.92489	(07012718)	672399.34	4101778.50	49.01980	(07012718)
672377.01	4101767.80	49.80010	(07012718)	672354.68	4101757.10	52.11896	(04022206)
672332.34	4101746.40	55.38612	(04022206)	672310.01	4101735.70	58.35573	(04022206)
672287.68	4101725.00	60.87862	(04022206)	672265.34	4101714.29	62.78702	(04022206)
672243.01	4101703.59	63.95348	(04022206)	672220.67	4101692.89	64.29615	(04022206)
672198.34	4101682.19	63.96263	(04022206)	672176.01	4101671.49	62.81463	(04022206)
672153.67	4101660.79	58.65501	(04022206)	672131.34	4101650.09	56.66068	(04022206)
672109.01	4101639.38	55.54611	(07111024)	672086.67	4101628.68	56.19450	(07111024)
672064.34	4101617.98	55.92551	(07111024)	672042.01	4101607.28	54.99229	(05021803)
672019.67	4101596.58	54.34489	(05021803)	671997.34	4101585.88	53.20219	(05021803)
671975.00	4101575.18	51.66022	(05021803)	671952.67	4101564.48	50.44382	(05021803)
671930.34	4101553.77	48.46996	(05021803)	671908.00	4101543.07	42.38725	(05021803)
671885.67	4101532.37	40.99164	(07042003)	671863.34	4101521.67	41.87937	(07042003)
671841.00	4101510.97	42.34981	(07042003)	671818.67	4101500.27	41.93098	(07042003)
671796.34	4101489.57	40.86070	(07042003)	671774.00	4101478.86	39.27681	(07042003)
671751.67	4101468.16	37.35518	(07042003)	672473.13	4101731.69	46.85867	(07012718)
672488.58	4101749.33	45.66930	(07012718)	672504.02	4101766.97	44.12000	(07012718)
672519.46	4101784.62	42.27741	(07012718)	672534.91	4101802.26	40.23388	(07012718)
672550.35	4101819.90	38.24078	(07012718)	672565.80	4101837.54	36.23332	(07012718)
672581.24	4101855.18	35.28939	(07010403)	672596.68	4101872.82	34.54976	(07010403)
672612.13	4101890.46	33.76232	(07010403)	672627.57	4101908.10	32.93235	(07010403)
672643.02	4101925.74	32.03598	(07010403)	672658.46	4101943.38	31.23696	(08120606)
672671.78	4101984.37	30.26479	(08120606)	672669.66	4102007.72	30.01874	(08120606)
672667.54	4102031.07	29.76906	(08120606)	672665.42	4102054.42	29.59157	(08022909)
672663.29	4102077.77	30.07578	(04121024)	672661.17	4102101.12	30.70383	(04121024)
672659.05	4102124.47	31.50855	(05012309)	672656.93	4102147.82	32.29799	(05012309)
672654.81	4102171.17	33.21528	(05012309)	672652.68	4102194.52	33.85279	(05012309)
672650.56	4102217.87	34.83771	(05012309)	672648.44	4102241.22	35.19006	(05012309)
672646.32	4102264.57	35.23269	(05012309)	672457.69	4101714.05	47.58601	(07012718)
672435.35	4101703.35	47.75825	(07012718)	672413.02	4101692.65	48.58784	(04022206)
672390.69	4101681.95	51.38432	(04022206)	672368.35	4101671.25	53.90584	(04022206)
672346.02	4101660.55	56.03313	(04022206)	672323.69	4101649.84	57.63386	(04022206)
672301.35	4101639.14	58.64649	(04022206)	672279.02	4101628.44	58.97528	(04022206)
672256.68	4101617.74	58.51753	(04022206)	672234.35	4101607.04	57.23645	(04022206)
672212.02	4101596.34	54.99181	(04022206)	672189.68	4101585.64	52.13125	(04022206)
672167.35	4101574.93	48.97968	(04022206)	672145.02	4101564.23	49.93300	(07111024)
672122.68	4101553.53	50.47346	(07111024)	672100.35	4101542.83	50.32047	(07111024)
672078.01	4101532.13	49.32597	(07111024)	672055.68	4101521.43	48.76786	(05021803)
672033.35	4101510.73	47.87385	(05021803)	672011.01	4101500.03	46.68542	(05021803)
671988.68	4101489.32	45.24791	(05021803)	671966.35	4101478.62	43.72978	(05021803)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671944.01	4101467.92	39.51003	(05021803)	671921.68	4101457.22	37.42071	(07042003)
671899.35	4101446.52	38.09206	(07042003)	671877.01	4101435.82	39.45799	(07042003)
671854.68	4101425.12	39.76202	(07042003)	671832.34	4101414.41	39.39055	(07042003)
671810.01	4101403.71	38.44564	(07042003)	671787.68	4101393.01	37.05391	(07042003)
672509.91	4101657.42	50.55374	(07012718)	672526.13	4101675.95	47.57321	(07012718)
672542.35	4101694.47	44.88611	(07012718)	672558.56	4101712.99	42.59037	(07012718)
672574.78	4101731.52	40.49715	(07012718)	672590.99	4101750.04	38.56200	(07012718)
672607.21	4101768.56	36.50405	(07012718)	672623.43	4101787.08	34.41713	(07012718)
672639.64	4101805.61	33.16482	(07010403)	672655.86	4101824.13	32.67796	(07010403)
672672.08	4101842.65	32.15642	(07010403)	672688.29	4101861.18	31.78741	(07010403)
672704.51	4101879.70	31.35495	(07010403)	672720.72	4101898.22	30.53011	(07010403)
672736.94	4101916.74	29.78216	(08022909)	672750.93	4101959.79	29.40139	(08022909)
672748.70	4101984.30	29.03530	(08022909)	672746.47	4102008.82	28.92193	(08022909)
672744.24	4102033.34	29.03876	(08022909)	672742.02	4102057.85	29.21524	(08022909)
672739.79	4102082.37	29.81643	(08022909)	672737.56	4102106.89	30.41573	(08022909)
672735.33	4102131.41	31.40728	(05012309)	672733.10	4102155.92	32.54740	(05012309)
672730.87	4102180.44	33.71435	(05012309)	672728.65	4102204.96	34.41398	(08022909)
672726.42	4102229.48	34.84666	(08022909)	672724.19	4102253.99	35.13160	(08022909)
672721.96	4102278.51	35.33734	(08022909)	672719.73	4102303.03	34.50075	(08022909)
672493.70	4101638.90	51.81814	(07012718)	672471.36	4101628.20	52.15313	(07012718)
672449.03	4101617.50	51.27684	(07012718)	672426.70	4101606.80	50.88254	(04022206)
672404.36	4101596.09	52.37208	(04022206)	672382.03	4101585.39	53.55293	(04022206)
672359.69	4101574.69	54.31931	(04022206)	672337.36	4101563.99	54.60425	(04022206)
672315.03	4101553.29	54.35500	(04022206)	672292.69	4101542.59	53.51934	(04022206)
672270.36	4101531.89	52.03466	(04022206)	672248.03	4101521.19	49.98529	(04022206)
672225.69	4101510.48	47.19750	(04022206)	672203.36	4101499.78	45.05107	(07111024)
672181.03	4101489.08	45.47799	(07111024)	672158.69	4101478.38	46.04183	(07111024)
672136.36	4101467.68	46.08493	(07111024)	672114.02	4101456.98	45.29282	(07111024)
672091.69	4101446.28	44.59977	(05021803)	672069.36	4101435.57	43.86686	(05021803)
672047.02	4101424.87	42.71447	(05021803)	672024.69	4101414.17	41.25466	(05021803)
672002.36	4101403.47	39.66844	(05021803)	671980.02	4101392.77	37.46646	(05021124)
671957.69	4101382.07	33.57458	(07042003)	671935.35	4101371.37	34.20177	(07042003)
671913.02	4101360.67	36.25929	(07042003)	671890.69	4101349.96	37.15958	(07042003)
671868.35	4101339.26	37.41038	(07042003)	671846.02	4101328.56	37.08034	(07042003)
671823.69	4101317.86	36.24838	(07042003)	672617.94	4101431.97	41.76518	(07012718)
672634.16	4101450.49	42.54535	(07012718)	672650.37	4101469.01	42.76322	(07012718)
672666.59	4101487.54	43.06985	(07012718)	672682.81	4101506.06	42.76671	(07012718)
672699.02	4101524.58	41.75502	(07012718)	672715.24	4101543.11	40.18880	(07012718)
672731.46	4101561.63	38.21827	(07012718)	672747.67	4101580.15	37.72154	(07012718)
672763.89	4101598.68	37.57753	(07012718)	672780.10	4101617.20	35.50302	(07012718)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672796.32	4101635.72	34.11240	(07012718)	672812.54	4101654.24	32.58372	(07012718)
672828.75	4101672.77	30.65444	(07012718)	672844.97	4101691.29	28.74717	(07010403)
672861.19	4101709.81	28.23147	(07010403)	672877.40	4101728.34	27.65382	(07010403)
672893.62	4101746.86	27.04438	(07010403)	672909.83	4101765.38	26.36690	(07010403)
672926.05	4101783.90	26.75099	(08022909)	672942.27	4101802.43	27.77291	(08022909)
672958.48	4101820.95	28.56982	(08022909)	672974.70	4101839.47	29.06750	(08022909)
672988.69	4101882.51	29.49466	(08022909)	672986.46	4101907.03	29.45379	(08022909)
672984.23	4101931.55	29.37153	(08022909)	672982.00	4101956.07	29.21430	(08022909)
672979.77	4101980.58	29.10351	(08022909)	672977.55	4102005.10	28.97618	(08022909)
672975.32	4102029.62	28.75451	(08022909)	672973.09	4102054.14	28.55226	(08022909)
672970.86	4102078.65	28.30188	(08022909)	672968.63	4102103.17	28.08394	(08022909)
672966.41	4102127.69	27.87398	(08022909)	672964.18	4102152.21	27.64627	(08022909)
672961.95	4102176.72	27.40265	(08022909)	672959.72	4102201.24	27.14065	(08022909)
672957.49	4102225.76	26.90900	(08022909)	672955.26	4102250.27	26.77817	(08022909)
672953.04	4102274.79	26.87422	(08022909)	672950.81	4102299.31	27.08547	(08022909)
672948.58	4102323.83	27.45915	(08022909)	672946.35	4102348.34	27.64033	(08022909)
672944.12	4102372.86	27.44543	(08022909)	672941.89	4102397.38	26.92127	(08022909)
672939.67	4102421.90	25.88757	(08022909)	672601.72	4101413.45	40.53233	(07012718)
672579.39	4101402.74	41.85683	(04022206)	672557.06	4101392.04	42.97502	(04022206)
672534.72	4101381.34	43.83019	(04022206)	672512.39	4101370.64	44.35907	(04022206)
672490.06	4101359.94	44.53951	(04022206)	672467.72	4101349.24	44.32756	(04022206)
672445.39	4101338.54	43.71349	(04022206)	672423.06	4101327.83	42.68002	(04022206)
672400.72	4101317.13	41.22496	(04022206)	672378.39	4101306.43	40.81063	(05021203)
672356.05	4101295.73	40.10449	(05021203)	672333.72	4101285.03	38.55894	(05021203)
672311.39	4101274.33	36.43142	(07111024)	672289.05	4101263.63	36.71351	(07111024)
672266.72	4101252.93	36.64760	(07111024)	672244.39	4101242.22	36.23797	(07111024)
672222.05	4101231.52	35.42304	(07111024)	672199.72	4101220.82	34.21582	(07111024)
672177.39	4101210.12	33.43989	(05021803)	672155.05	4101199.42	32.78145	(05021803)
672132.72	4101188.72	31.77852	(05021803)	672110.38	4101178.02	31.47114	(05021124)
672088.05	4101167.31	31.22212	(05021124)	672065.72	4101156.61	29.61103	(05021124)
672043.38	4101145.91	24.51403	(04020124)	672021.05	4101135.21	26.16183	(07042003)
671998.72	4101124.51	28.26619	(07042003)	671976.38	4101113.81	29.71915	(07042003)
671954.05	4101103.11	30.74164	(07042003)	671931.71	4101092.41	31.32681	(07042003)
672725.97	4101206.51	34.97147	(04022206)	672742.19	4101225.04	37.67138	(04022206)
672758.40	4101243.56	38.12914	(04022206)	672774.62	4101262.08	37.10087	(04022206)
672790.83	4101280.61	35.67211	(07012718)	672807.05	4101299.13	37.56417	(07012718)
672823.27	4101317.65	37.34532	(07012718)	672839.48	4101336.17	35.76096	(07012718)
672855.70	4101354.70	35.22600	(07012718)	672871.92	4101373.22	35.30129	(07012718)
672888.13	4101391.74	33.84809	(07012718)	672904.35	4101410.27	30.78608	(07012718)
672920.56	4101428.79	27.25089	(07012718)	672936.78	4101447.31	23.55517	(07010403)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672953.00	4101465.83	22.79630	(07010403)	672969.21	4101484.36	22.88614	(07010403)
672985.43	4101502.88	23.35449	(07010403)	673001.65	4101521.40	24.01691	(07010403)
673017.86	4101539.93	24.94140	(07010403)	673034.08	4101558.45	25.19560	(07010403)
673050.30	4101576.97	23.97146	(07010403)	673066.51	4101595.50	23.72642	(07010403)
673082.73	4101614.02	23.30811	(07010403)	673098.94	4101632.54	22.91960	(07010403)
673115.16	4101651.06	24.27999	(08022909)	673131.38	4101669.59	26.11401	(08022909)
673147.59	4101688.11	28.33317	(08022909)	673163.81	4101706.63	30.11179	(08022909)
673180.03	4101725.16	30.98215	(08022909)	673196.24	4101743.68	32.11772	(08022909)
673212.46	4101762.20	32.45676	(08022909)	673226.45	4101805.24	31.28570	(08022909)
673224.22	4101829.76	31.19877	(08022909)	673221.99	4101854.28	31.64422	(08022909)
673219.76	4101878.79	32.36143	(08022909)	673217.53	4101903.31	33.27154	(08022909)
673215.31	4101927.83	34.32435	(08022909)	673213.08	4101952.35	32.94485	(08022909)
673210.85	4101976.86	32.04305	(08022909)	673208.62	4102001.38	31.08688	(08022909)
673206.39	4102025.90	30.03235	(08022909)	673204.16	4102050.42	29.04629	(08022909)
673201.94	4102074.93	28.34948	(08022909)	673199.71	4102099.45	27.96959	(08022909)
673197.48	4102123.97	28.15733	(08022909)	673195.25	4102148.49	28.73978	(08022909)
673193.02	4102173.00	29.96412	(08022909)	673190.79	4102197.52	32.25929	(08022909)
673188.57	4102222.04	31.74232	(08022909)	673186.34	4102246.56	29.83758	(08022909)
673184.11	4102271.07	28.52838	(08022909)	673181.88	4102295.59	27.89672	(08022909)
673179.65	4102320.11	27.27725	(08022909)	673177.42	4102344.63	26.68376	(08022909)
673175.20	4102369.14	26.00540	(08022909)	673172.97	4102393.66	25.35547	(08022909)
673170.74	4102418.18	24.54800	(08022909)	673168.51	4102442.70	23.82903	(08022909)
673166.28	4102467.21	23.26653	(08022909)	673164.06	4102491.73	22.70446	(08022909)
673161.83	4102516.25	22.28147	(08011909)	673159.60	4102540.76	22.15678	(08011909)
672709.75	4101187.99	34.75591	(04022206)	672687.42	4101177.29	35.50460	(04022206)
672665.09	4101166.59	35.72646	(04022206)	672642.75	4101155.89	34.64155	(04022206)
672620.42	4101145.19	33.11296	(04022206)	672598.08	4101134.48	32.27243	(04022206)
672575.75	4101123.78	32.80370	(04022206)	672553.42	4101113.08	33.54661	(04022206)
672531.08	4101102.38	33.94410	(04022206)	672508.75	4101091.68	38.14102	(05021203)
672486.42	4101080.98	39.14829	(05021203)	672464.08	4101070.28	36.56134	(05021203)
672441.75	4101059.57	33.24085	(05021203)	672419.42	4101048.87	29.80827	(07111024)
672397.08	4101038.17	29.93375	(07111024)	672374.75	4101027.47	29.83940	(07111024)
672352.41	4101016.77	29.52861	(07111024)	672330.08	4101006.07	29.00548	(07111024)
672307.75	4100995.37	28.29102	(07111024)	672285.41	4100984.67	27.39147	(07111024)
672263.08	4100973.96	26.36500	(05021803)	672240.75	4100963.26	25.57869	(05021803)
672218.41	4100952.56	24.78796	(05021803)	672196.08	4100941.86	23.91894	(05021803)
672173.75	4100931.16	25.33591	(05021124)	672151.41	4100920.46	24.69775	(05021124)
672129.08	4100909.76	23.17745	(05021124)	672106.74	4100899.05	21.12587	(07011518)
672084.41	4100888.35	21.94530	(07042003)	672062.08	4100877.65	23.64733	(07042003)
672039.74	4100866.95	24.94446	(07042003)	672942.03	4100755.60	31.27746	(04022206)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672958.24	4100774.13	30.04420	(04022206)	672974.46	4100792.65	28.21438	(04022206)
672990.67	4100811.17	26.14695	(04022206)	673006.89	4100829.70	22.86323	(04022206)
673023.11	4100848.22	19.23468	(04022206)	673039.32	4100866.74	19.28049	(04022206)
673055.54	4100885.26	20.96149	(04022206)	673071.76	4100903.79	23.30406	(04022206)
673087.97	4100922.31	23.77410	(04022206)	673104.19	4100940.83	23.86863	(04022206)
673120.41	4100959.36	22.64594	(04022206)	673136.62	4100977.88	20.72090	(04022206)
673152.84	4100996.40	18.88991c	(08041309)	673169.05	4101014.93	17.50742c	(08041309)
673185.27	4101033.45	16.27062	(04121306)	673201.49	4101051.97	17.27359	(04121306)
673217.70	4101070.49	18.09484	(04121306)	673233.92	4101089.02	17.93943	(04121306)
673250.14	4101107.54	17.71795	(04121306)	673266.35	4101126.06	17.81068	(07010403)
673282.57	4101144.59	16.59793	(07010403)	673298.78	4101163.11	15.17487	(08120509)
673315.00	4101181.63	11.86556	(07010403)	673331.22	4101200.15	10.85349	(05102409)
673347.43	4101218.68	8.36941	(08120606)	673363.65	4101237.20	8.53623	(08120606)
673379.87	4101255.72	10.28726	(05102409)	673396.08	4101274.25	11.70884	(08120606)
673412.30	4101292.77	13.08093	(07012209)	673428.51	4101311.29	13.82127	(08120606)
673444.73	4101329.82	16.01447	(05012309)	673460.95	4101348.34	16.09537	(05012309)
673477.16	4101366.86	13.33975	(08120606)	673493.38	4101385.38	12.48240	(08120606)
673509.60	4101403.91	12.04238	(07012209)	673525.81	4101422.43	12.28020	(08110209)
673542.03	4101440.95	12.75629	(08120606)	673558.25	4101459.48	15.68392	(05012309)
673574.46	4101478.00	15.57185	(05012309)	673590.68	4101496.52	16.38415	(07020209)
673606.89	4101515.05	23.32289	(08022909)	673623.11	4101533.57	24.70645	(08022909)
673639.33	4101552.09	25.97169	(08022909)	673655.54	4101570.61	27.12968	(08022909)
673671.76	4101589.14	27.59265	(08022909)	673687.98	4101607.66	27.69898	(08022909)
673701.96	4101650.70	27.82608	(08022909)	673699.74	4101675.22	28.13632	(08022909)
673697.51	4101699.74	28.22435	(08022909)	673695.28	4101724.25	27.90718	(08022909)
673693.05	4101748.77	27.26767	(08022909)	673690.82	4101773.29	27.19910	(08022909)
673688.59	4101797.80	27.50163	(08022909)	673686.37	4101822.32	28.15425	(08022909)
673684.14	4101846.84	28.66583	(08022909)	673681.91	4101871.36	29.47269	(08022909)
673679.68	4101895.87	30.94943	(08022909)	673677.45	4101920.39	32.32126	(08022909)
673675.22	4101944.91	31.75100	(08022909)	673673.00	4101969.43	31.41441	(08022909)
673670.77	4101993.94	31.24061	(08022909)	673668.54	4102018.46	31.51028	(08022909)
673666.31	4102042.98	30.44552	(08022909)	673664.08	4102067.50	28.72251	(08022909)
673661.86	4102092.01	27.36018	(08022909)	673659.63	4102116.53	26.34678	(08022909)
673657.40	4102141.05	25.54530	(08022909)	673655.17	4102165.57	24.68761	(08022909)
673652.94	4102190.08	24.09364	(08022909)	673650.71	4102214.60	23.74108	(08022909)
673648.49	4102239.12	23.44388	(08022909)	673646.26	4102263.64	23.09493	(08022909)
673644.03	4102288.15	22.70711	(08022909)	673641.80	4102312.67	22.24931	(08022909)
673639.57	4102337.19	21.72963	(08022909)	673637.34	4102361.70	21.30198	(08022909)
673635.12	4102386.22	21.06096	(08022909)	673632.89	4102410.74	21.11722	(08022909)
673630.66	4102435.26	21.22627	(08011909)	673628.43	4102459.77	21.67553	(08011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673626.20	4102484.29	22.06568	(08011909)	673623.98	4102508.81	22.48411	(08011909)
673621.75	4102533.33	22.76066	(08011909)	673619.52	4102557.84	22.59407	(08011909)
673617.29	4102582.36	22.30128	(08011909)	673615.06	4102606.88	21.97886	(08011909)
673612.83	4102631.40	21.59795	(08011909)	673610.61	4102655.91	21.32608	(08011909)
673608.38	4102680.43	21.09228	(08011909)	673606.15	4102704.95	20.87133	(08011909)
673603.92	4102729.47	20.63631	(08011909)	673601.69	4102753.98	20.33409	(08011909)
673599.46	4102778.50	20.04250	(08011909)	672925.81	4100737.08	31.87623	(04022206)
672903.48	4100726.38	31.83660	(04022206)	672881.14	4100715.68	31.30594	(04022206)
672858.81	4100704.98	30.14141	(04022206)	672836.47	4100694.28	28.58860	(04022206)
672814.14	4100683.57	26.55636	(05021203)	672791.81	4100672.87	24.16458	(05031209)
672769.47	4100662.17	23.48199	(05031209)	672747.14	4100651.47	22.55951	(05031209)
672724.81	4100640.77	18.90285	(05021803)	672702.47	4100630.07	18.96049	(05021803)
672680.14	4100619.37	19.30207	(05021803)	672657.81	4100608.66	19.94698	(05021803)
672635.47	4100597.96	20.40277	(05021803)	672613.14	4100587.26	19.56958	(05021803)
672590.80	4100576.56	18.18988	(05021803)	672568.47	4100565.86	16.82363	(05021803)
672546.14	4100555.16	15.56380	(05021803)	672523.80	4100544.46	14.62553	(05021803)
672501.47	4100533.76	14.08639	(07111024)	672479.14	4100523.05	14.50798	(07111024)
672456.80	4100512.35	14.43878	(07111024)	672434.47	4100501.65	14.04660	(07111024)
672412.14	4100490.95	14.41808c	(04050606)	672389.80	4100480.25	16.31363	(04020124)
672367.47	4100469.55	16.92089	(04020124)	672345.13	4100458.85	16.70563	(04020124)
672322.80	4100448.14	16.16503	(04020124)	672300.47	4100437.44	15.83551	(07011518)
672278.13	4100426.74	16.04149	(07011518)	672255.80	4100416.04	15.95832	(07011518)
673158.08	4100304.69	16.23573	(04022206)	673174.30	4100323.22	18.94201	(04022206)
673190.52	4100341.74	17.49037	(04022206)	673206.73	4100360.26	14.34213	(04022206)
673222.95	4100378.79	11.40535	(04022206)	673239.16	4100397.31	11.21775c	(08041309)
673255.38	4100415.83	11.59966c	(08041309)	673271.60	4100434.35	11.88030c	(08041309)
673287.81	4100452.88	12.05577c	(08041309)	673304.03	4100471.40	12.12601c	(08041309)
673320.25	4100489.92	12.09026c	(08041309)	673336.46	4100508.45	15.40300	(04022206)
673352.68	4100526.97	17.24972	(04022206)	673368.89	4100545.49	17.86370	(04022206)
673385.11	4100564.02	17.61602	(04022206)	673401.33	4100582.54	16.10237	(04022206)
673417.54	4100601.06	13.58462	(04022206)	673433.76	4100619.58	11.31828	(04022206)
673449.98	4100638.11	8.86763c	(08041309)	673466.19	4100656.63	8.25760c	(08041309)
673482.41	4100675.15	7.63822c	(08041309)	673498.62	4100693.68	7.01945c	(08041309)
673514.84	4100712.20	7.18068	(08120509)	673531.06	4100730.72	7.31243	(08120509)
673547.27	4100749.25	7.39854	(08120509)	673563.49	4100767.77	7.44081	(08120509)
673579.71	4100786.29	7.43947	(08120509)	673595.92	4100804.81	7.39748	(08120509)
673612.14	4100823.34	7.31837	(08120509)	673628.36	4100841.86	7.20343	(08120509)
673644.57	4100860.38	7.05532	(08120509)	673660.79	4100878.91	6.87745	(08120509)
673677.00	4100897.43	6.67387	(08120509)	673693.22	4100915.95	6.44779	(08120509)
673709.44	4100934.47	7.16131	(08120606)	673725.65	4100953.00	8.45834	(08120606)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673741.87	4100971.52	8.88802	(08120606)	673758.09	4100990.04	8.23015	(08120606)
673774.30	4101008.57	7.37771	(05012309)	673790.52	4101027.09	7.53133	(05012309)
673806.73	4101045.61	7.65096	(05012309)	673822.95	4101064.14	7.74002	(05012309)
673839.17	4101082.66	7.79883	(05012309)	673855.38	4101101.18	7.82962	(05012309)
673871.60	4101119.70	7.83256	(05012309)	673887.82	4101138.23	7.81365	(05012309)
673904.03	4101156.75	7.77243	(05012309)	673920.25	4101175.27	7.71049	(05012309)
673936.46	4101193.80	7.62862	(05012309)	673952.68	4101212.32	7.52839	(05012309)
673968.90	4101230.84	7.41169	(05012309)	673985.11	4101249.36	7.27873	(05012309)
674001.33	4101267.89	7.13043	(05012309)	674017.55	4101286.41	7.13986	(08022909)
674033.76	4101304.93	7.63387	(08022909)	674049.98	4101323.46	8.09927	(08022909)
674066.19	4101341.98	8.55109	(08022909)	674082.41	4101360.50	8.97947	(08022909)
674098.63	4101379.03	9.40958	(08022909)	674114.84	4101397.55	9.95579	(08022909)
674131.06	4101416.07	10.72290	(08022909)	674147.28	4101434.59	11.48618	(08022909)
674163.49	4101453.12	13.49888	(05020209)	674177.48	4101496.16	13.65498	(05020209)
674175.25	4101520.68	13.90915	(05020209)	674173.02	4101545.19	14.33990	(05020209)
674170.80	4101569.71	14.50313	(05020209)	674168.57	4101594.23	14.53502	(08022909)
674166.34	4101618.74	14.58596	(08022909)	674164.11	4101643.26	14.84858	(08022909)
674161.88	4101667.78	15.38789	(05121509)	674159.65	4101692.30	26.23756	(08022909)
674157.43	4101716.81	26.88934	(08022909)	674155.20	4101741.33	27.31040	(08022909)
674152.97	4101765.85	27.51456	(08022909)	674150.74	4101790.37	27.55652	(08022909)
674148.51	4101814.88	27.61938	(08022909)	674146.29	4101839.40	27.94584	(08022909)
674144.06	4101863.92	29.43236	(08022909)	674141.83	4101888.44	28.90069	(08022909)
674139.60	4101912.95	27.46596	(08022909)	674137.37	4101937.47	26.10310	(08022909)
674135.14	4101961.99	25.09584	(08022909)	674132.92	4101986.51	24.11685	(08022909)
674130.69	4102011.02	23.42799	(08022909)	674128.46	4102035.54	22.79395	(08022909)
674126.23	4102060.06	22.17503	(08022909)	674124.00	4102084.58	21.61463	(08022909)
674121.77	4102109.09	21.04804	(08022909)	674119.55	4102133.61	20.45832	(08022909)
674117.32	4102158.13	19.85399	(08022909)	674115.09	4102182.65	19.25827	(08022909)
674112.86	4102207.16	18.66023	(08022909)	674110.63	4102231.68	18.02797	(08022909)
674108.41	4102256.20	17.38007	(08022909)	674106.18	4102280.71	16.72099	(08022909)
674103.95	4102305.23	16.07534	(08022909)	674101.72	4102329.75	15.81844	(08011909)
674099.49	4102354.27	16.20592	(08011909)	674097.26	4102378.78	16.54312	(08011909)
674095.04	4102403.30	16.84064	(08011909)	674092.81	4102427.82	17.09069	(08011909)
674090.58	4102452.34	17.29627	(08011909)	674088.35	4102476.85	17.45547	(08011909)
674086.12	4102501.37	17.57365	(08011909)	674083.89	4102525.89	17.65062	(08011909)
674081.67	4102550.41	17.68135	(08011909)	674079.44	4102574.92	17.67930	(08011909)
674077.21	4102599.44	17.65173	(08011909)	674074.98	4102623.96	17.61222	(08011909)
674072.75	4102648.48	17.56015	(08011909)	674070.53	4102672.99	17.49513	(08011909)
674068.30	4102697.51	17.41308	(08011909)	674066.07	4102722.03	17.31742	(08011909)
674063.84	4102746.55	17.21300	(08011909)	674061.61	4102771.06	17.09667	(08011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
674059.38	4102795.58	16.97526	(08011909)	674057.16	4102820.10	16.88477	(04011309)
674054.93	4102844.62	16.86399	(04011309)	674052.70	4102869.13	16.82011	(04011309)
674050.47	4102893.65	16.75775	(04011309)	674048.24	4102918.17	16.68261	(04011309)
674046.01	4102942.68	16.59463	(04011309)	674043.79	4102967.20	16.50724	(07011409)
674041.56	4102991.72	16.49494	(07011409)	674039.33	4103016.24	16.46888	(07011409)
673141.87	4100286.17	12.00963	(05031209)	673119.53	4100275.47	12.13573	(05031209)
673097.20	4100264.77	12.17396	(05031209)	673074.87	4100254.07	12.12120	(05031209)
673052.53	4100243.37	11.98380	(05031209)	673030.20	4100232.66	11.76235	(05031209)
673007.86	4100221.96	11.46599	(05031209)	672985.53	4100211.26	11.10298	(05031209)
672963.20	4100200.56	9.03405	(05031209)	672940.86	4100189.86	8.52895	(05031209)
672918.53	4100179.16	7.99702	(05031209)	672896.20	4100168.46	7.44745	(05031209)
672873.86	4100157.76	6.89344	(05031209)	672851.53	4100147.05	6.34587	(05031209)
672829.19	4100136.35	5.81517	(05031209)	672806.86	4100125.65	7.16999	(05031209)
672784.53	4100114.95	6.70620	(05031209)	672762.19	4100104.25	6.27450	(05031209)
672739.86	4100093.55	5.87507	(05031209)	672717.53	4100082.85	5.57496	(05021803)
672695.19	4100072.14	6.99655	(05021803)	672672.86	4100061.44	7.88946	(07111024)
672650.53	4100050.74	9.78045	(07111024)	672628.19	4100040.04	10.50095	(07111024)
672605.86	4100029.34	10.73233c	(04050606)	672583.52	4100018.64	11.03493	(04020124)
672561.19	4100007.94	11.32955	(04020124)	672538.86	4099997.24	11.52642	(04020124)
672516.52	4099986.53	11.58178	(04020124)	672494.19	4099975.83	11.49933	(04020124)
672471.86	4099965.13	11.35044	(04020124)	671221.45	4104044.00	50.25897	(07122906)
670630.54	4103839.27	47.77168	(05123003)	671607.63	4101768.77	37.01207	(06020206)
672277.64	4102089.81	46.70177	(08120606)				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671585.02	4101758.10	23.43039	(06020208)	671574.40	4101780.61	23.73713	(06020208)
671563.78	4101803.11	23.90393	(06020208)	671553.16	4101825.62	23.97617	(06020208)
671542.54	4101848.12	23.99221	(06020208)	671531.92	4101870.63	23.98041	(06020208)
671521.30	4101893.13	23.95936	(06020208)	671510.68	4101915.64	23.93650	(06020208)
671500.06	4101938.14	23.91399	(06020208)	671489.44	4101960.65	23.89108	(06020208)
671478.82	4101983.15	23.86879	(06020208)	671468.20	4102005.66	23.84837	(06020208)
671457.57	4102028.17	23.83689	(06020208)	671446.95	4102050.67	23.84917	(06020208)
671436.33	4102073.18	23.90762	(06020208)	671425.71	4102095.68	24.03534	(06020208)
671415.09	4102118.19	24.24634	(06020208)	671404.47	4102140.69	24.54226	(06020208)
671393.85	4102163.20	24.91668	(06020208)	671383.23	4102185.70	25.35776	(06020208)
671372.61	4102208.21	25.84343	(06020208)	671361.99	4102230.71	26.34293	(06020208)
671351.37	4102253.22	26.82726	(06020208)	671340.75	4102275.73	27.27432	(06020208)
671330.13	4102298.23	27.67406	(06020208)	671319.51	4102320.74	28.02280	(06020208)
671308.89	4102343.24	28.31924	(06020208)	671298.27	4102365.75	28.56455	(06020208)
671287.65	4102388.25	28.76250	(06020208)	671277.03	4102410.76	28.91565	(06020208)
671266.40	4102433.26	29.03073	(06020208)	671255.78	4102455.77	29.11703	(06020208)
671245.16	4102478.27	29.18143	(06020208)	671234.54	4102500.78	29.23523	(06020208)
671223.92	4102523.29	29.28422	(06020208)	671213.30	4102545.79	29.33448	(06020208)
671202.68	4102568.30	29.38865	(06020208)	671192.06	4102590.80	29.45081	(06020208)
671181.44	4102613.31	29.51955	(06020208)	671170.82	4102635.81	29.59456	(06020208)
671160.20	4102658.32	29.67609	(06020208)	671149.58	4102680.82	29.76134	(06020208)
671138.96	4102703.33	29.84955	(06020208)	671128.34	4102725.83	29.93706	(06020208)
671117.72	4102748.34	30.02329	(06020208)	671107.10	4102770.85	30.10269	(06020208)
671096.48	4102793.35	30.17311	(06020208)	671085.86	4102815.86	30.23042	(06020208)
671075.23	4102838.36	30.26996	(06020208)	671064.61	4102860.87	30.28725	(06020208)
671053.99	4102883.37	30.27600	(06020208)	671043.37	4102905.88	30.22981	(06020208)
671032.75	4102928.38	30.14030	(06020208)	671022.13	4102950.89	30.16557c	(05122408)
671011.51	4102973.39	30.32094c	(05122408)	671000.89	4102995.90	30.45721c	(05122408)
670990.27	4103018.40	30.58723c	(05122408)	670979.65	4103040.91	30.70442c	(05122408)
670969.03	4103063.42	30.81241c	(05122408)	670958.41	4103085.92	30.90900c	(05122408)
670947.79	4103108.43	30.99651c	(05122408)	670937.17	4103130.93	31.07561c	(05122408)
670926.55	4103153.44	31.14516c	(05122408)	670915.93	4103175.94	31.20796c	(05122408)
670905.31	4103198.45	31.26129c	(05122408)	670894.69	4103220.95	31.30879c	(05122408)
670884.07	4103243.46	31.34593c	(05122408)	670873.44	4103265.96	31.37399c	(05122408)
670862.82	4103288.47	31.38598c	(05122408)	670852.20	4103310.98	31.37513c	(05122408)
670841.58	4103333.48	31.32832c	(05122408)	670830.96	4103355.99	31.22353c	(05122408)
670820.34	4103378.49	31.03053c	(05122408)	670809.72	4103401.00	30.71022c	(05122408)
670799.10	4103423.50	30.21608c	(05122408)	670788.48	4103446.01	29.50236c	(05122408)
670777.86	4103468.51	28.91209c	(05120808)	670767.24	4103491.02	29.04847c	(05120808)
670756.62	4103513.52	29.16411c	(05120808)	670746.00	4103536.03	29.23694c	(05120808)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670735.38	4103558.54	29.22084c	(05120808)	670724.76	4103581.04	29.05542c	(05120808)
670714.14	4103603.55	28.69921c	(05120808)	670703.52	4103626.05	28.17455c	(05120808)
670692.90	4103648.56	27.56370c	(05120808)	670682.27	4103671.06	27.39325	(04111008)
670671.65	4103693.57	27.17995	(04111008)	670661.03	4103716.07	26.86017	(04111008)
670650.41	4103738.58	26.90162	(05123008)	670639.79	4103761.08	27.02895	(05123008)
670629.17	4103783.59	27.12429	(05123008)	670618.55	4103806.10	27.14568	(05123008)
670607.93	4103828.60	27.04014	(05123008)	671576.65	4101734.54	23.29877	(06020208)
671610.06	4101722.67	22.30264	(06020208)	671551.79	4101769.94	23.77829	(06020208)
671541.17	4101792.44	23.87962	(06020208)	671530.55	4101814.95	23.91576	(06020208)
671519.93	4101837.45	23.91576	(06020208)	671509.31	4101859.96	23.89940	(06020208)
671498.69	4101882.46	23.87847	(06020208)	671488.07	4101904.97	23.85629	(06020208)
671477.45	4101927.47	23.83374	(06020208)	671466.83	4101949.98	23.81170	(06020208)
671456.21	4101972.49	23.78977	(06020208)	671445.59	4101994.99	23.76878	(06020208)
671434.97	4102017.50	23.75295	(06020208)	671424.35	4102040.00	23.75260	(06020208)
671413.72	4102062.51	23.78455	(06020208)	671403.10	4102085.01	23.86974	(06020208)
671392.48	4102107.52	24.02646	(06020208)	671381.86	4102130.02	24.26114	(06020208)
671371.24	4102152.53	24.57236	(06020208)	671360.62	4102175.03	24.95181	(06020208)
671350.00	4102197.54	25.38643	(06020208)	671339.38	4102220.05	25.85743	(06020208)
671328.76	4102242.55	26.33773	(06020208)	671318.14	4102265.06	26.80263	(06020208)
671307.52	4102287.56	27.23433	(06020208)	671296.90	4102310.07	27.62126	(06020208)
671286.28	4102332.57	27.95948	(06020208)	671275.66	4102355.08	28.24776	(06020208)
671265.04	4102377.58	28.48729	(06020208)	671254.42	4102400.09	28.67979	(06020208)
671243.80	4102422.59	28.82824	(06020208)	671233.18	4102445.10	28.93716	(06020208)
671222.55	4102467.61	29.01354	(06020208)	671211.93	4102490.11	29.06897	(06020208)
671201.31	4102512.62	29.10836	(06020208)	671190.69	4102535.12	29.14152	(06020208)
671180.07	4102557.63	29.17199	(06020208)	671169.45	4102580.13	29.20478	(06020208)
671158.83	4102602.64	29.24232	(06020208)	671148.21	4102625.14	29.28414	(06020208)
671137.59	4102647.65	29.33154	(06020208)	671126.97	4102670.15	29.38178	(06020208)
671116.35	4102692.66	29.43463	(06020208)	671105.73	4102715.16	29.48589	(06020208)
671095.11	4102737.67	29.53443	(06020208)	671084.49	4102760.18	29.57592	(06020208)
671073.87	4102782.68	29.60672	(06020208)	671063.25	4102805.19	29.62275	(06020208)
671052.63	4102827.69	29.61784	(06020208)	671042.01	4102850.20	29.58672	(06020208)
671031.38	4102872.70	29.52292	(06020208)	671020.76	4102895.21	29.41970	(06020208)
671010.14	4102917.71	29.58453c	(05122408)	670999.52	4102940.22	29.77600c	(05122408)
670988.90	4102962.72	29.95455c	(05122408)	670978.28	4102985.23	30.11985c	(05122408)
670967.66	4103007.74	30.26955c	(05122408)	670957.04	4103030.24	30.41059c	(05122408)
670946.42	4103052.75	30.53929c	(05122408)	670935.80	4103075.25	30.65414c	(05122408)
670925.18	4103097.76	30.76217c	(05122408)	670914.56	4103120.26	30.85952c	(05122408)
670903.94	4103142.77	30.94885c	(05122408)	670893.32	4103165.27	31.02733c	(05122408)
670882.70	4103187.78	31.09956c	(05122408)	670872.08	4103210.28	31.15955c	(05122408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670861.46	4103232.79	31.21012c	(05122408)	670850.84	4103255.30	31.24734c	(05122408)
670840.22	4103277.80	31.26362c	(05122408)	670829.59	4103300.31	31.24967c	(05122408)
670818.97	4103322.81	31.19027c	(05122408)	670808.35	4103345.32	31.05725c	(05122408)
670797.73	4103367.82	30.82340c	(05122408)	670787.11	4103390.33	30.44325c	(05122408)
670776.49	4103412.83	29.87872c	(05122408)	670765.87	4103435.34	29.09319c	(05122408)
670755.25	4103457.84	28.31968c	(05120808)	670744.63	4103480.35	28.46401c	(05120808)
670734.01	4103502.86	28.58630c	(05120808)	670723.39	4103525.36	28.66240c	(05120808)
670712.77	4103547.87	28.65050c	(05120808)	670702.15	4103570.37	28.49368c	(05120808)
670691.53	4103592.88	28.15826c	(05120808)	670680.91	4103615.38	27.66535c	(05120808)
670670.29	4103637.89	27.09189c	(05120808)	670659.67	4103660.39	26.67103	(04111008)
670649.05	4103682.90	26.50559	(04111008)	670638.42	4103705.40	26.23498	(04111008)
670627.80	4103727.91	25.89865	(04111008)	670617.18	4103750.41	25.90358	(05123008)
670606.56	4103772.92	26.03023	(05123008)	670595.94	4103795.43	26.12203	(05123008)
670585.32	4103817.93	26.13547	(05123008)	671554.04	4101723.88	23.41304	(06020208)
671601.69	4101699.11	22.15604	(06020208)	671529.18	4101759.27	23.70189	(06020208)
671518.56	4101781.77	23.75956	(06020208)	671507.94	4101804.28	23.77395	(06020208)
671497.32	4101826.78	23.76422	(06020208)	671486.70	4101849.29	23.74512	(06020208)
671476.08	4101871.79	23.72390	(06020208)	671465.46	4101894.30	23.70225	(06020208)
671454.84	4101916.81	23.68045	(06020208)	671444.22	4101939.31	23.65868	(06020208)
671433.60	4101961.82	23.63700	(06020208)	671422.98	4101984.32	23.61590	(06020208)
671412.36	4102006.83	23.59779	(06020208)	671401.74	4102029.33	23.58968	(06020208)
671391.12	4102051.84	23.60268	(06020208)	671380.50	4102074.34	23.65566	(06020208)
671369.87	4102096.85	23.76674	(06020208)	671359.25	4102119.35	23.94769	(06020208)
671348.63	4102141.86	24.20071	(06020208)	671338.01	4102164.37	24.52232	(06020208)
671327.39	4102186.87	24.90071	(06020208)	671316.77	4102209.38	25.32620	(06020208)
671306.15	4102231.88	25.77885	(06020208)	671295.53	4102254.39	26.24054	(06020208)
671284.91	4102276.89	26.68643	(06020208)	671274.29	4102299.40	27.10209	(06020208)
671263.67	4102321.90	27.47604	(06020208)	671253.05	4102344.41	27.80305	(06020208)
671242.43	4102366.91	28.08455	(06020208)	671231.81	4102389.42	28.31754	(06020208)
671221.19	4102411.92	28.50359	(06020208)	671210.57	4102434.43	28.64716	(06020208)
671199.95	4102456.94	28.75006	(06020208)	671189.33	4102479.44	28.82056	(06020208)
671178.70	4102501.95	28.86515	(06020208)	671168.08	4102524.45	28.89176	(06020208)
671157.46	4102546.96	28.90841	(06020208)	671146.84	4102569.46	28.91833	(06020208)
671136.22	4102591.97	28.92742	(06020208)	671125.60	4102614.47	28.93643	(06020208)
671114.98	4102636.98	28.94693	(06020208)	671104.36	4102659.48	28.95787	(06020208)
671093.74	4102681.99	28.96788	(06020208)	671083.12	4102704.50	28.97495	(06020208)
671072.50	4102727.00	28.97760	(06020208)	671061.88	4102749.51	28.96989	(06020208)
671051.26	4102772.01	28.94845	(06020208)	671040.64	4102794.52	28.90906	(06020208)
671030.02	4102817.02	28.84544	(06020208)	671019.40	4102839.53	28.75040	(06020208)
671008.78	4102862.03	28.61878	(06020208)	670998.16	4102884.54	28.81669c	(05122408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670987.53	4102907.04	29.04359c	(05122408)	670976.91	4102929.55	29.25578c	(05122408)
670966.29	4102952.06	29.45524c	(05122408)	670955.67	4102974.56	29.64084c	(05122408)
670945.05	4102997.07	29.81209c	(05122408)	670934.43	4103019.57	29.97269c	(05122408)
670923.81	4103042.08	30.12293c	(05122408)	670913.19	4103064.58	30.26043c	(05122408)
670902.57	4103087.09	30.38861c	(05122408)	670891.95	4103109.59	30.50610c	(05122408)
670881.33	4103132.10	30.61392c	(05122408)	670870.71	4103154.60	30.70754c	(05122408)
670860.09	4103177.11	30.79465c	(05122408)	670849.47	4103199.62	30.86983c	(05122408)
670838.85	4103222.12	30.93305c	(05122408)	670828.23	4103244.63	30.97712c	(05122408)
670817.61	4103267.13	30.99538c	(05122408)	670806.99	4103289.64	30.97549c	(05122408)
670796.37	4103312.14	30.89704c	(05122408)	670785.74	4103334.65	30.73475c	(05122408)
670775.12	4103357.15	30.45339c	(05122408)	670764.50	4103379.66	30.01838c	(05122408)
670753.88	4103402.16	29.38803c	(05122408)	670743.26	4103424.67	28.54578c	(05122408)
670732.64	4103447.17	27.63921c	(05120808)	670722.02	4103469.68	27.78471c	(05120808)
670711.40	4103492.19	27.90878c	(05120808)	670700.78	4103514.69	27.98456c	(05120808)
670690.16	4103537.20	27.97162c	(05120808)	670679.54	4103559.70	27.82143c	(05120808)
670668.92	4103582.21	27.50486c	(05120808)	670658.30	4103604.71	27.04076c	(05120808)
670647.68	4103627.22	26.50279c	(05120808)	670637.06	4103649.72	25.96374	(04111008)
670626.44	4103672.23	25.84086	(04111008)	670615.82	4103694.73	25.61638	(04111008)
670605.20	4103717.24	25.31568	(04111008)	670594.57	4103739.75	24.98795	(04111008)
670583.95	4103762.25	24.91929	(05123008)	670573.33	4103784.76	25.04146	(05123008)
670562.71	4103807.26	25.12389	(05123008)	671531.43	4101713.21	23.38869	(06020208)
671559.90	4101687.43	22.92715	(06020208)	671593.31	4101675.56	21.97755	(06020208)
671631.67	4101677.58	20.28223	(06020208)	671506.57	4101748.60	23.54382	(06020208)
671495.95	4101771.10	23.57359	(06020208)	671485.33	4101793.61	23.57307	(06020208)
671474.71	4101816.11	23.55791	(06020208)	671464.09	4101838.62	23.53809	(06020208)
671453.47	4101861.13	23.51702	(06020208)	671442.85	4101883.63	23.49554	(06020208)
671432.23	4101906.14	23.47429	(06020208)	671421.61	4101928.64	23.45258	(06020208)
671410.99	4101951.15	23.43187	(06020208)	671400.37	4101973.65	23.41013	(06020208)
671389.75	4101996.16	23.39101	(06020208)	671379.13	4102018.66	23.37826	(06020208)
671368.51	4102041.17	23.37967	(06020208)	671357.89	4102063.67	23.40862	(06020208)
671347.27	4102086.18	23.48350	(06020208)	671336.65	4102108.68	23.61637	(06020208)
671326.02	4102131.19	23.81755	(06020208)	671315.40	4102153.70	24.08319	(06020208)
671304.78	4102176.20	24.40872	(06020208)	671294.16	4102198.71	24.78399	(06020208)
671283.54	4102221.21	25.19642	(06020208)	671272.92	4102243.72	25.63245	(06020208)
671262.30	4102266.22	26.07334	(06020208)	671251.68	4102288.73	26.50033	(06020208)
671241.06	4102311.23	26.89832	(06020208)	671230.44	4102333.74	27.25819	(06020208)
671219.82	4102356.24	27.57464	(06020208)	671209.20	4102378.75	27.84615	(06020208)
671198.58	4102401.26	28.07189	(06020208)	671187.96	4102423.76	28.25322	(06020208)
671177.34	4102446.27	28.38942	(06020208)	671166.72	4102468.77	28.48667	(06020208)
671156.10	4102491.28	28.54894	(06020208)	671145.48	4102513.78	28.58253	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671134.85	4102536.29	28.59501	(06020208)	671124.23	4102558.79	28.59167	(06020208)
671113.61	4102581.30	28.57915	(06020208)	671102.99	4102603.80	28.55862	(06020208)
671092.37	4102626.31	28.53326	(06020208)	671081.75	4102648.82	28.50358	(06020208)
671071.13	4102671.32	28.46910	(06020208)	671060.51	4102693.83	28.42593	(06020208)
671049.89	4102716.33	28.37394	(06020208)	671039.27	4102738.84	28.30924	(06020208)
671028.65	4102761.34	28.22521	(06020208)	671018.03	4102783.85	28.11996	(06020208)
671007.41	4102806.35	27.98493	(06020208)	670996.79	4102828.86	27.81470	(06020208)
670986.17	4102851.36	27.90411c	(05122408)	670975.55	4102873.87	28.16169c	(05122408)
670964.93	4102896.38	28.40646c	(05122408)	670954.31	4102918.88	28.63697c	(05122408)
670943.68	4102941.39	28.85429c	(05122408)	670933.06	4102963.89	29.05817c	(05122408)
670922.44	4102986.40	29.25033c	(05122408)	670911.82	4103008.90	29.42769c	(05122408)
670901.20	4103031.41	29.59555c	(05122408)	670890.58	4103053.91	29.75256c	(05122408)
670879.96	4103076.42	29.89956c	(05122408)	670869.34	4103098.92	30.03392c	(05122408)
670858.72	4103121.43	30.15999c	(05122408)	670848.10	4103143.93	30.27354c	(05122408)
670837.48	4103166.44	30.37770c	(05122408)	670826.86	4103188.95	30.46660c	(05122408)
670816.24	4103211.45	30.54051c	(05122408)	670805.62	4103233.96	30.58620c	(05122408)
670795.00	4103256.46	30.60424c	(05122408)	670784.38	4103278.97	30.57428c	(05122408)
670773.76	4103301.47	30.47336c	(05122408)	670763.14	4103323.98	30.27752c	(05122408)
670752.52	4103346.48	29.94962c	(05122408)	670741.89	4103368.99	29.45784c	(05122408)
670731.27	4103391.49	28.77589c	(05122408)	670720.65	4103414.00	27.88882c	(05122408)
670710.03	4103436.51	26.91580c	(05120808)	670699.41	4103459.01	27.05748c	(05120808)
670688.79	4103481.52	27.17567c	(05120808)	670678.17	4103504.02	27.24681c	(05120808)
670667.55	4103526.53	27.22957c	(05120808)	670656.93	4103549.03	27.08330c	(05120808)
670646.31	4103571.54	26.77925c	(05120808)	670635.69	4103594.04	26.34146c	(05120808)
670625.07	4103616.55	25.83357c	(05120808)	670614.45	4103639.05	25.31719c	(05120808)
670603.83	4103661.56	25.19822	(04111008)	670593.21	4103684.07	25.01672	(04111008)
670582.59	4103706.57	24.75470	(04111008)	670571.97	4103729.08	24.44530	(04111008)
670561.35	4103751.58	24.14284	(04111008)	670550.72	4103774.09	23.96146	(05123008)
670540.10	4103796.59	24.07954	(05123008)	671489.06	4101689.29	23.07478	(06020208)
671506.14	4101673.83	23.02417	(06020208)	671523.23	4101658.36	22.85773	(06020208)
671540.31	4101642.90	22.53659	(06020208)	671580.40	4101628.65	21.43705	(06020208)
671603.41	4101629.86	20.56693	(06020208)	671626.43	4101631.07	19.37683	(06020208)
671649.44	4101632.28	17.86820	(06020208)	671471.98	4101704.75	23.04793	(06020208)
671461.36	4101727.26	23.07068	(06020208)	671450.74	4101749.76	23.06918	(06020208)
671440.11	4101772.27	23.05441	(06020208)	671429.49	4101794.78	23.03668	(06020208)
671418.87	4101817.28	23.01576	(06020208)	671408.25	4101839.79	22.99476	(06020208)
671397.63	4101862.29	22.97454	(06020208)	671387.01	4101884.80	22.95397	(06020208)
671376.39	4101907.30	22.93312	(06020208)	671365.77	4101929.81	22.91246	(06020208)
671355.15	4101952.31	22.89174	(06020208)	671344.53	4101974.82	22.87133	(06020208)
671333.91	4101997.32	22.85402	(06020208)	671323.29	4102019.83	22.84098	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671312.67	4102042.34	22.84296	(06020208)	671302.05	4102064.84	22.86849	(06020208)
671291.43	4102087.35	22.93187	(06020208)	671280.81	4102109.85	23.04423	(06020208)
671270.19	4102132.36	23.21316	(06020208)	671259.57	4102154.86	23.43966	(06020208)
671248.94	4102177.37	23.71814	(06020208)	671238.32	4102199.87	24.04079	(06020208)
671227.70	4102222.38	24.39807	(06020208)	671217.08	4102244.88	24.78193	(06020208)
671206.46	4102267.39	25.17829	(06020208)	671195.84	4102289.89	25.57782	(06020208)
671185.22	4102312.40	25.96413	(06020208)	671174.60	4102334.91	26.32658	(06020208)
671163.98	4102357.41	26.65448	(06020208)	671153.36	4102379.92	26.94566	(06020208)
671142.74	4102402.42	27.19403	(06020208)	671132.12	4102424.93	27.39868	(06020208)
671121.50	4102447.43	27.55881	(06020208)	671110.88	4102469.94	27.67484	(06020208)
671100.26	4102492.44	27.74674	(06020208)	671089.64	4102514.95	27.78107	(06020208)
671079.02	4102537.45	27.77875	(06020208)	671068.40	4102559.96	27.74571	(06020208)
671057.78	4102582.47	27.68643	(06020208)	671047.15	4102604.97	27.60496	(06020208)
671036.53	4102627.48	27.50072	(06020208)	671025.91	4102649.98	27.37665	(06020208)
671015.29	4102672.49	27.23111	(06020208)	671004.67	4102694.99	27.06227	(06020208)
670994.05	4102717.50	26.86806	(06020208)	670983.43	4102740.00	26.64202	(06020208)
670972.81	4102762.51	26.38225	(06020208)	670962.19	4102785.01	26.08279	(06020208)
670951.57	4102807.52	26.11570c	(05122408)	670940.95	4102830.03	26.40710c	(05122408)
670930.33	4102852.53	26.68589c	(05122408)	670919.71	4102875.04	26.95298c	(05122408)
670909.09	4102897.54	27.20913c	(05122408)	670898.47	4102920.05	27.45244c	(05122408)
670887.85	4102942.55	27.68483c	(05122408)	670877.23	4102965.06	27.90575c	(05122408)
670866.61	4102987.56	28.11292c	(05122408)	670855.98	4103010.07	28.31182c	(05122408)
670845.36	4103032.57	28.50032c	(05122408)	670834.74	4103055.08	28.67812c	(05122408)
670824.12	4103077.59	28.84359c	(05122408)	670813.50	4103100.09	28.99867c	(05122408)
670802.88	4103122.60	29.14265c	(05122408)	670792.26	4103145.10	29.26961c	(05122408)
670781.64	4103167.61	29.38105c	(05122408)	670771.02	4103190.11	29.46546c	(05122408)
670760.40	4103212.62	29.51916c	(05122408)	670749.78	4103235.12	29.52231c	(05122408)
670739.16	4103257.63	29.46164c	(05122408)	670728.54	4103280.13	29.30801c	(05122408)
670717.92	4103302.64	29.03870c	(05122408)	670707.30	4103325.14	28.62362c	(05122408)
670696.68	4103347.65	28.04190c	(05122408)	670686.06	4103370.16	27.28495c	(05122408)
670675.44	4103392.66	26.35417c	(05122408)	670664.82	4103415.17	25.48401c	(05120808)
670654.19	4103437.67	25.60175c	(05120808)	670643.57	4103460.18	25.69645c	(05120808)
670632.95	4103482.68	25.74286c	(05120808)	670622.33	4103505.19	25.70728c	(05120808)
670611.71	4103527.69	25.55457c	(05120808)	670601.09	4103550.20	25.26860c	(05120808)
670590.47	4103572.70	24.86710c	(05120808)	670579.85	4103595.21	24.39750c	(05120808)
670569.23	4103617.72	23.99539	(04111008)	670558.61	4103640.22	23.96211	(04111008)
670547.99	4103662.73	23.85190	(04111008)	670537.37	4103685.23	23.66690	(04111008)
670526.75	4103707.74	23.41991	(04111008)	670516.13	4103730.24	23.14831	(04111008)
670505.51	4103752.75	22.88309	(04111008)	670494.89	4103775.25	22.65102	(04111008)
671443.03	4101668.69	22.57201	(06020208)	671475.57	4101639.23	22.61383	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671508.11	4101609.78	22.33298	(06020208)	671562.56	4101581.48	20.99683	(06020208)
671606.39	4101583.79	19.25780	(06020208)	671650.22	4101586.10	16.49459	(06020208)
671416.14	4101705.92	22.48409	(06020208)	671405.52	4101728.43	22.47049	(06020208)
671394.90	4101750.93	22.45290	(06020208)	671384.28	4101773.44	22.43336	(06020208)
671373.66	4101795.94	22.41342	(06020208)	671363.04	4101818.45	22.39277	(06020208)
671352.41	4101840.95	22.37261	(06020208)	671341.79	4101863.46	22.35257	(06020208)
671331.17	4101885.96	22.33132	(06020208)	671320.55	4101908.47	22.31188	(06020208)
671309.93	4101930.97	22.29065	(06020208)	671299.31	4101953.48	22.27062	(06020208)
671288.69	4101975.99	22.25037	(06020208)	671278.07	4101998.49	22.23154	(06020208)
671267.45	4102021.00	22.21966	(06020208)	671256.83	4102043.50	22.21940	(06020208)
671246.21	4102066.01	22.23977	(06020208)	671235.59	4102088.51	22.29071	(06020208)
671224.97	4102111.02	22.38316	(06020208)	671214.35	4102133.52	22.52288	(06020208)
671203.73	4102156.03	22.71287	(06020208)	671193.11	4102178.53	22.94903	(06020208)
671182.49	4102201.04	23.22550	(06020208)	671171.87	4102223.55	23.53271	(06020208)
671161.24	4102246.05	23.86346	(06020208)	671150.62	4102268.56	24.21081	(06020208)
671140.00	4102291.06	24.56505	(06020208)	671129.38	4102313.57	24.91702	(06020208)
671118.76	4102336.07	25.25581	(06020208)	671108.14	4102358.58	25.57313	(06020208)
671097.52	4102381.08	25.85854	(06020208)	671086.90	4102403.59	26.10903	(06020208)
671076.28	4102426.09	26.31602	(06020208)	671065.66	4102448.60	26.47958	(06020208)
671055.04	4102471.11	26.59665	(06020208)	671044.42	4102493.61	26.66397	(06020208)
671033.80	4102516.12	26.68186	(06020208)	671023.18	4102538.62	26.65317	(06020208)
671012.56	4102561.13	26.57739	(06020208)	671001.94	4102583.63	26.45848	(06020208)
670991.32	4102606.14	26.29854	(06020208)	670980.70	4102628.64	26.09754	(06020208)
670970.08	4102651.15	25.85597	(06020208)	670959.45	4102673.65	25.57474	(06020208)
670948.83	4102696.16	25.25112	(06020208)	670938.21	4102718.66	24.88332	(06020208)
670927.59	4102741.17	24.46821	(06020208)	670916.97	4102763.68	24.24568c	(05122408)
670906.35	4102786.18	24.54701c	(05122408)	670895.73	4102808.69	24.84126c	(05122408)
670885.11	4102831.19	25.12644c	(05122408)	670874.49	4102853.70	25.40275c	(05122408)
670863.87	4102876.20	25.66900c	(05122408)	670853.25	4102898.71	25.92621c	(05122408)
670842.63	4102921.21	26.17318c	(05122408)	670832.01	4102943.72	26.41062c	(05122408)
670821.39	4102966.22	26.63970c	(05122408)	670810.77	4102988.73	26.85495c	(05122408)
670800.15	4103011.24	27.06424c	(05122408)	670789.53	4103033.74	27.26239c	(05122408)
670778.91	4103056.25	27.44983c	(05122408)	670768.28	4103078.75	27.62421c	(05122408)
670757.66	4103101.26	27.78528c	(05122408)	670747.04	4103123.76	27.92786c	(05122408)
670736.42	4103146.27	28.04428c	(05122408)	670725.80	4103168.77	28.12953c	(05122408)
670715.18	4103191.28	28.16552c	(05122408)	670704.56	4103213.78	28.14091c	(05122408)
670693.94	4103236.29	28.03211c	(05122408)	670683.32	4103258.80	27.81852c	(05122408)
670672.70	4103281.30	27.47625c	(05122408)	670662.08	4103303.81	26.98936c	(05122408)
670651.46	4103326.31	26.34922c	(05122408)	670640.84	4103348.82	25.56287c	(05122408)
670630.22	4103371.32	24.64921c	(05122408)	670619.60	4103393.83	24.20568c	(05120808)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670608.98	4103416.33	24.29030c	(05120808)	670598.36	4103438.84	24.34873c	(05120808)
670587.74	4103461.34	24.35945c	(05120808)	670577.12	4103483.85	24.29409c	(05120808)
670566.49	4103506.36	24.12522c	(05120808)	670555.87	4103528.86	23.84011c	(05120808)
670545.25	4103551.37	23.45683c	(05120808)	670534.63	4103573.87	23.01603c	(05120808)
670524.01	4103596.38	22.81237	(04111008)	670513.39	4103618.88	22.82234	(04111008)
670502.77	4103641.39	22.76956	(04111008)	670492.15	4103663.89	22.64747	(04111008)
670481.53	4103686.40	22.46591	(04111008)	670470.91	4103708.90	22.23744	(04111008)
670460.29	4103731.41	21.99594	(04111008)	670449.67	4103753.91	21.75977	(04111008)
671399.34	4101645.97	21.98103	(06020208)	671417.13	4101629.86	22.07887	(06020208)
671434.93	4101613.75	22.13854	(06020208)	671452.72	4101597.64	22.13857	(06020208)
671470.52	4101581.53	22.05311	(06020208)	671488.31	4101565.43	21.85015	(06020208)
671506.11	4101549.32	21.49916	(06020208)	671547.87	4101534.47	20.43820	(06020208)
671571.84	4101535.73	19.65453	(06020208)	671595.81	4101537.00	18.59756	(06020208)
671619.78	4101538.26	17.26046	(06020208)	671643.75	4101539.53	15.66777	(06020208)
671667.72	4101540.79	16.25064	(08111508)	671691.69	4101542.05	16.75148	(08111508)
671381.54	4101662.08	21.86213	(06020208)	671370.92	4101684.58	21.84926	(06020208)
671360.30	4101707.09	21.83278	(06020208)	671349.68	4101729.59	21.81371	(06020208)
671339.06	4101752.10	21.79358	(06020208)	671328.44	4101774.60	21.77430	(06020208)
671317.82	4101797.11	21.75427	(06020208)	671307.20	4101819.61	21.73404	(06020208)
671296.58	4101842.12	21.71344	(06020208)	671285.96	4101864.63	21.69287	(06020208)
671275.34	4101887.13	21.67137	(06020208)	671264.71	4101909.64	21.65049	(06020208)
671254.09	4101932.14	21.62913	(06020208)	671243.47	4101954.65	21.60722	(06020208)
671232.85	4101977.15	21.58592	(06020208)	671222.23	4101999.66	21.56750	(06020208)
671211.61	4102022.16	21.55266	(06020208)	671200.99	4102044.67	21.54926	(06020208)
671190.37	4102067.17	21.56210	(06020208)	671179.75	4102089.68	21.60089	(06020208)
671169.13	4102112.18	21.67355	(06020208)	671158.51	4102134.69	21.78528	(06020208)
671147.89	4102157.20	21.93958	(06020208)	671137.27	4102179.70	22.13390	(06020208)
671126.65	4102202.21	22.36383	(06020208)	671116.03	4102224.71	22.62216	(06020208)
671105.41	4102247.22	22.89999	(06020208)	671094.79	4102269.72	23.19056	(06020208)
671084.17	4102292.23	23.48880	(06020208)	671073.54	4102314.73	23.78744	(06020208)
671062.92	4102337.24	24.07934	(06020208)	671052.30	4102359.74	24.35599	(06020208)
671041.68	4102382.25	24.60710	(06020208)	671031.06	4102404.76	24.82746	(06020208)
671020.44	4102427.26	25.00699	(06020208)	671009.82	4102449.77	25.14263	(06020208)
670999.20	4102472.27	25.22882	(06020208)	670988.58	4102494.78	25.26058	(06020208)
670977.96	4102517.28	25.23615	(06020208)	670967.34	4102539.79	25.15267	(06020208)
670956.72	4102562.29	25.00857	(06020208)	670946.10	4102584.80	24.80566	(06020208)
670935.48	4102607.30	24.54396	(06020208)	670924.86	4102629.81	24.22421	(06020208)
670914.24	4102652.32	23.84678	(06020208)	670903.62	4102674.82	23.41221	(06020208)
670893.00	4102697.33	22.92203	(06020208)	670882.38	4102719.83	22.45389c	(05122408)
670871.75	4102742.34	22.74595c	(05122408)	670861.13	4102764.84	23.03404c	(05122408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670850.51	4102787.35	23.31868c	(05122408)	670839.89	4102809.85	23.59684c	(05122408)
670829.27	4102832.36	23.86866c	(05122408)	670818.65	4102854.86	24.13505c	(05122408)
670808.03	4102877.37	24.39374c	(05122408)	670797.41	4102899.88	24.64514c	(05122408)
670786.79	4102922.38	24.88838c	(05122408)	670776.17	4102944.89	25.12316c	(05122408)
670765.55	4102967.39	25.34978c	(05122408)	670754.93	4102989.90	25.56600c	(05122408)
670744.31	4103012.40	25.77399c	(05122408)	670733.69	4103034.91	25.97008c	(05122408)
670723.07	4103057.41	26.15228c	(05122408)	670712.45	4103079.92	26.31703c	(05122408)
670701.83	4103102.42	26.45715c	(05122408)	670691.21	4103124.93	26.56564c	(05122408)
670680.58	4103147.43	26.62869c	(05122408)	670669.96	4103169.94	26.63435c	(05122408)
670659.34	4103192.45	26.56587c	(05122408)	670648.72	4103214.95	26.40037c	(05122408)
670638.10	4103237.46	26.12486c	(05122408)	670627.48	4103259.96	25.72088c	(05122408)
670616.86	4103282.47	25.18615c	(05122408)	670606.24	4103304.97	24.52076c	(05122408)
670595.62	4103327.48	23.74276c	(05122408)	670585.00	4103349.98	23.07799c	(05120808)
670574.38	4103372.49	23.14374c	(05120808)	670563.76	4103394.99	23.19704c	(05120808)
670553.14	4103417.50	23.22017c	(05120808)	670542.52	4103440.01	23.19861c	(05120808)
670531.90	4103462.51	23.10202c	(05120808)	670521.28	4103485.02	22.91547c	(05120808)
670510.66	4103507.52	22.62688c	(05120808)	670500.04	4103530.03	22.25060c	(05120808)
670489.41	4103552.53	21.82341c	(05120808)	670478.79	4103575.04	21.70059	(04111008)
670468.17	4103597.54	21.74690	(04111008)	670457.55	4103620.05	21.74550	(04111008)
670446.93	4103642.55	21.68316	(04111008)	670436.31	4103665.06	21.56337	(04111008)
670425.69	4103687.57	21.39072	(04111008)	670415.07	4103710.07	21.18834	(04111008)
670404.45	4103732.58	20.97181	(04111008)	671323.43	4101610.89	20.92114	(06020208)
671340.69	4101595.27	21.04333	(06020208)	671357.94	4101579.65	21.15551	(06020208)
671375.20	4101564.03	21.24972	(06020208)	671392.46	4101548.41	21.31374	(06020208)
671409.71	4101532.79	21.33143	(06020208)	671426.97	4101517.17	21.28536	(06020208)
671444.22	4101501.55	21.15898	(06020208)	671461.48	4101485.93	20.92800	(06020208)
671478.73	4101470.31	20.57302	(06020208)	671519.23	4101455.91	19.60811	(06020208)
671542.48	4101457.14	18.94602	(06020208)	671565.72	4101458.36	18.07259	(06020208)
671588.96	4101459.59	16.98070	(06020208)	671612.21	4101460.81	15.67668	(06020208)
671635.45	4101462.04	14.50311	(08111508)	671658.69	4101463.26	15.01424	(08111508)
671681.94	4101464.49	15.45245	(08111508)	671705.18	4101465.71	15.80642	(08111508)
671728.42	4101466.94	16.07404	(08111508)	671306.18	4101626.51	20.79401	(06020208)
671295.56	4101649.02	20.77522	(06020208)	671284.94	4101671.52	20.75687	(06020208)
671274.32	4101694.03	20.73626	(06020208)	671263.70	4101716.53	20.71666	(06020208)
671253.07	4101739.04	20.69588	(06020208)	671242.45	4101761.54	20.67452	(06020208)
671231.83	4101784.05	20.65372	(06020208)	671221.21	4101806.55	20.63158	(06020208)
671210.59	4101829.06	20.60926	(06020208)	671199.97	4101851.57	20.58624	(06020208)
671189.35	4101874.07	20.56203	(06020208)	671178.73	4101896.58	20.53774	(06020208)
671168.11	4101919.08	20.51183	(06020208)	671157.49	4101941.59	20.48445	(06020208)
671146.87	4101964.09	20.45623	(06020208)	671136.25	4101986.60	20.42856	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671125.63	4102009.10	20.40017	(06020208)	671115.01	4102031.61	20.37793	(06020208)
671104.39	4102054.11	20.36100	(06020208)	671093.77	4102076.62	20.35975	(06020208)
671083.15	4102099.13	20.37336	(06020208)	671072.53	4102121.63	20.41306	(06020208)
671061.90	4102144.14	20.48088	(06020208)	671051.28	4102166.64	20.57663	(06020208)
671040.66	4102189.15	20.70192	(06020208)	671030.04	4102211.65	20.85005	(06020208)
671019.42	4102234.16	21.01691	(06020208)	671008.80	4102256.66	21.19378	(06020208)
670998.18	4102279.17	21.37195	(06020208)	670987.56	4102301.67	21.54915	(06020208)
670976.94	4102324.18	21.71734	(06020208)	670966.32	4102346.69	21.87250	(06020208)
670955.70	4102369.19	22.00806	(06020208)	670945.08	4102391.70	22.11916	(06020208)
670934.46	4102414.20	22.19757	(06020208)	670923.84	4102436.71	22.23674	(06020208)
670913.22	4102459.21	22.22835	(06020208)	670902.60	4102481.72	22.16585	(06020208)
670891.98	4102504.22	22.04114	(06020208)	670881.36	4102526.73	21.85206	(06020208)
670870.74	4102549.23	21.59380	(06020208)	670860.11	4102571.74	21.26324	(06020208)
670849.49	4102594.25	20.86051	(06020208)	670838.87	4102616.75	20.38694	(06020208)
670828.25	4102639.26	19.84660	(06020208)	670817.63	4102661.76	20.06432c	(05122408)
670807.01	4102684.27	20.29786c	(05122408)	670796.39	4102706.77	20.53729c	(05122408)
670785.77	4102729.28	20.78093c	(05122408)	670775.15	4102751.78	21.02648c	(05122408)
670764.53	4102774.29	21.27335c	(05122408)	670753.91	4102796.79	21.51926c	(05122408)
670743.29	4102819.30	21.76379c	(05122408)	670732.67	4102841.80	22.00552c	(05122408)
670722.05	4102864.31	22.24383c	(05122408)	670711.43	4102886.82	22.47724c	(05122408)
670700.81	4102909.32	22.70451c	(05122408)	670690.19	4102931.83	22.92579c	(05122408)
670679.57	4102954.33	23.13668c	(05122408)	670668.94	4102976.84	23.33490c	(05122408)
670658.32	4102999.34	23.52072c	(05122408)	670647.70	4103021.85	23.68543c	(05122408)
670637.08	4103044.35	23.82493c	(05122408)	670626.46	4103066.86	23.92772c	(05122408)
670615.84	4103089.36	23.98531c	(05122408)	670605.22	4103111.87	23.98328c	(05122408)
670594.60	4103134.38	23.90794c	(05122408)	670583.98	4103156.88	23.74649c	(05122408)
670573.36	4103179.39	23.48573c	(05122408)	670562.74	4103201.89	23.12206c	(05122408)
670552.12	4103224.40	22.65294c	(05122408)	670541.50	4103246.90	22.08598c	(05122408)
670530.88	4103269.41	21.53511c	(05120808)	670520.26	4103291.91	21.60446c	(05120808)
670509.64	4103314.42	21.66489c	(05120808)	670499.02	4103336.92	21.71473c	(05120808)
670488.40	4103359.43	21.74180c	(05120808)	670477.78	4103381.94	21.73780c	(05120808)
670467.15	4103404.44	21.68414c	(05120808)	670456.53	4103426.95	21.56544c	(05120808)
670445.91	4103449.45	21.36620c	(05120808)	670435.29	4103471.96	21.08253c	(05120808)
670424.67	4103494.46	20.72612c	(05120808)	670414.05	4103516.97	20.32164c	(05120808)
670403.43	4103539.47	19.90543c	(05120808)	670392.81	4103561.98	19.94763	(04111008)
670382.19	4103584.48	20.02798	(04111008)	670371.57	4103606.99	20.06437	(04111008)
670360.95	4103629.50	20.04933	(04111008)	670350.33	4103652.00	19.98326	(04111008)
670339.71	4103674.51	19.87482	(04111008)	670329.09	4103697.01	19.73078	(04111008)
671249.07	4101574.43	19.88826	(06020208)	671267.32	4101557.90	20.01980	(06020208)
671285.57	4101541.38	20.14702	(06020208)	671303.82	4101524.86	20.26817	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671322.07	4101508.34	20.37802	(06020208)	671340.32	4101491.82	20.46503	(06020208)
671358.57	4101475.30	20.51776	(06020208)	671376.82	4101458.77	20.52124	(06020208)
671395.08	4101442.25	20.46023	(06020208)	671413.33	4101425.73	20.31527	(06020208)
671431.58	4101409.21	20.06930	(06020208)	671449.83	4101392.69	19.70397	(06020208)
671492.66	4101377.46	18.74437	(06020208)	671517.25	4101378.76	18.10433	(06020208)
671541.83	4101380.05	17.26519	(06020208)	671566.42	4101381.35	16.22069	(06020208)
671591.00	4101382.65	14.97867	(06020208)	671615.59	4101383.94	13.56308	(06020208)
671640.17	4101385.24	13.69289	(08111508)	671664.76	4101386.53	14.13740	(08111508)
671689.34	4101387.83	14.50288	(08111508)	671713.92	4101389.12	14.78650	(08111508)
671738.51	4101390.42	14.98583	(08111508)	671763.09	4101391.72	15.10528	(08111508)
671230.81	4101590.95	19.75578	(06020208)	671220.19	4101613.45	19.73446	(06020208)
671209.57	4101635.96	19.71396	(06020208)	671198.95	4101658.46	19.69243	(06020208)
671188.33	4101680.97	19.66926	(06020208)	671177.71	4101703.47	19.64653	(06020208)
671167.09	4101725.98	19.62181	(06020208)	671156.47	4101748.48	19.59684	(06020208)
671145.85	4101770.99	19.57007	(06020208)	671135.23	4101793.50	19.54217	(06020208)
671124.61	4101816.00	19.51255	(06020208)	671113.99	4101838.51	19.48084	(06020208)
671103.37	4101861.01	19.44756	(06020208)	671092.75	4101883.52	19.41084	(06020208)
671082.13	4101906.02	19.37122	(06020208)	671071.51	4101928.53	19.32815	(06020208)
671060.89	4101951.03	19.28186	(06020208)	671050.27	4101973.54	19.23276	(06020208)
671039.64	4101996.04	19.17854	(06020208)	671029.02	4102018.55	19.12356	(06020208)
671018.40	4102041.06	19.06808	(06020208)	671007.78	4102063.56	19.01372	(06020208)
670997.16	4102086.07	18.96504	(06020208)	670986.54	4102108.57	18.92625	(06020208)
670975.92	4102131.08	18.89927	(06020208)	670965.30	4102153.58	18.88706	(06020208)
670954.68	4102176.09	18.89017	(06020208)	670944.06	4102198.59	18.90718	(06020208)
670933.44	4102221.10	18.93367	(06020208)	670922.82	4102243.60	18.96533	(06020208)
670912.20	4102266.11	18.99410	(06020208)	670901.58	4102288.62	19.01554	(06020208)
670890.96	4102311.12	19.02014	(06020208)	670880.34	4102333.63	19.00421	(06020208)
670869.72	4102356.13	18.96377	(06020208)	670859.10	4102378.64	18.89538	(06020208)
670848.47	4102401.14	18.79546	(06020208)	670837.85	4102423.65	18.66082	(06020208)
670827.23	4102446.15	18.48818	(06020208)	670816.61	4102468.66	18.27241	(06020208)
670805.99	4102491.16	18.00888	(06020208)	670795.37	4102513.67	17.84652c	(05122408)
670784.75	4102536.18	17.93685c	(05122408)	670774.13	4102558.68	18.04144c	(05122408)
670763.51	4102581.19	18.16007c	(05122408)	670752.89	4102603.69	18.29267c	(05122408)
670742.27	4102626.20	18.43895c	(05122408)	670731.65	4102648.70	18.59723c	(05122408)
670721.03	4102671.21	18.76686c	(05122408)	670710.41	4102693.71	18.94591c	(05122408)
670699.79	4102716.22	19.13389c	(05122408)	670689.17	4102738.72	19.32807c	(05122408)
670678.55	4102761.23	19.52810c	(05122408)	670667.93	4102783.73	19.73143c	(05122408)
670657.30	4102806.24	19.93667c	(05122408)	670646.68	4102828.75	20.14272c	(05122408)
670636.06	4102851.25	20.34681c	(05122408)	670625.44	4102873.76	20.54709c	(05122408)
670614.82	4102896.26	20.74041c	(05122408)	670604.20	4102918.77	20.92288c	(05122408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670593.58	4102941.27	21.09061c	(05122408)	670582.96	4102963.78	21.23586c	(05122408)
670572.34	4102986.28	21.35535c	(05122408)	670561.72	4103008.79	21.43726c	(05122408)
670551.10	4103031.29	21.47302c	(05122408)	670540.48	4103053.80	21.45179c	(05122408)
670529.86	4103076.31	21.36254c	(05122408)	670519.24	4103098.81	21.19669c	(05122408)
670508.62	4103121.32	20.94782c	(05122408)	670498.00	4103143.82	20.61393c	(05122408)
670487.38	4103166.33	20.19826c	(05122408)	670476.76	4103188.83	19.94689c	(05120808)
670466.14	4103211.34	20.05995c	(05120808)	670455.51	4103233.84	20.16165c	(05120808)
670444.89	4103256.35	20.25531c	(05120808)	670434.27	4103278.85	20.33652c	(05120808)
670423.65	4103301.36	20.40096c	(05120808)	670413.03	4103323.87	20.44065c	(05120808)
670402.41	4103346.37	20.44527c	(05120808)	670391.79	4103368.88	20.40236c	(05120808)
670381.17	4103391.38	20.29735c	(05120808)	670370.55	4103413.89	20.12211c	(05120808)
670359.93	4103436.39	19.87364c	(05120808)	670349.31	4103458.90	19.56078c	(05120808)
670338.69	4103481.40	19.20183c	(05120808)	670328.07	4103503.91	18.82444c	(05120808)
670317.45	4103526.41	18.45630c	(05120808)	670306.83	4103548.92	18.11674c	(05120808)
670296.21	4103571.43	18.20382	(04111008)	670285.59	4103593.93	18.29873	(04111008)
670274.97	4103616.44	18.34946	(04111008)	670264.34	4103638.94	18.35485	(04111008)
670253.72	4103661.45	18.31988	(04111008)	671173.25	4101539.27	18.89311	(06020208)
671191.04	4101523.17	19.01892	(06020208)	671208.84	4101507.06	19.14366	(06020208)
671226.63	4101490.95	19.26669	(06020208)	671244.43	4101474.84	19.38472	(06020208)
671262.22	4101458.73	19.49805	(06020208)	671280.02	4101442.62	19.59702	(06020208)
671297.81	4101426.51	19.67986	(06020208)	671315.61	4101410.41	19.73699	(06020208)
671333.40	4101394.30	19.75278	(06020208)	671351.20	4101378.19	19.72032	(06020208)
671368.99	4101362.08	19.62639	(06020208)	671386.79	4101345.97	19.45693	(06020208)
671404.58	4101329.86	19.19979	(06020208)	671422.38	4101313.75	18.84468	(06020208)
671464.14	4101298.91	17.96953	(06020208)	671488.11	4101300.17	17.41411	(06020208)
671512.08	4101301.44	16.70024	(06020208)	671536.05	4101302.70	15.82068	(06020208)
671560.02	4101303.96	14.78020	(06020208)	671583.99	4101305.23	13.59028	(06020208)
671607.96	4101306.49	12.27834	(06020208)	671631.93	4101307.75	12.67568	(08111508)
671655.90	4101309.02	13.06378	(08111508)	671679.87	4101310.28	13.38673	(08111508)
671703.84	4101311.54	13.64339	(08111508)	671727.81	4101312.81	13.83445	(08111508)
671751.78	4101314.07	13.96364	(08111508)	671775.75	4101315.33	14.03530	(08111508)
671799.72	4101316.60	14.04720	(08111508)	671155.45	4101555.38	18.76689	(06020208)
671144.83	4101577.89	18.74126	(06020208)	671134.21	4101600.39	18.71545	(06020208)
671123.59	4101622.90	18.68933	(06020208)	671112.97	4101645.40	18.66073	(06020208)
671102.35	4101667.91	18.62957	(06020208)	671091.73	4101690.41	18.59782	(06020208)
671081.11	4101712.92	18.56333	(06020208)	671070.49	4101735.43	18.52577	(06020208)
671059.87	4101757.93	18.48557	(06020208)	671049.25	4101780.44	18.44209	(06020208)
671038.63	4101802.94	18.39415	(06020208)	671028.00	4101825.45	18.34162	(06020208)
671017.38	4101847.95	18.28618	(06020208)	671006.76	4101870.46	18.22189	(06020208)
670996.14	4101892.96	18.15469	(06020208)	670985.52	4101915.47	18.07805	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670974.90	4101937.97	17.99507	(06020208)	670964.28	4101960.48	17.90208	(06020208)
670953.66	4101982.99	17.80125	(06020208)	670943.04	4102005.49	17.69237	(06020208)
670932.42	4102028.00	17.57375	(06020208)	670921.80	4102050.50	17.44808	(06020208)
670911.18	4102073.01	17.31595	(06020208)	670900.56	4102095.51	17.18012	(06020208)
670889.94	4102118.02	17.04302	(06020208)	670879.32	4102140.52	16.90543	(06020208)
670868.70	4102163.03	16.76923	(06020208)	670858.08	4102185.53	16.63374	(06020208)
670847.46	4102208.04	16.50088	(06020208)	670836.83	4102230.55	16.52458c	(05122408)
670826.21	4102253.05	16.63677c	(05122408)	670815.59	4102275.56	16.72130c	(05122408)
670804.97	4102298.06	16.78251c	(05122408)	670794.35	4102320.57	16.82589c	(05122408)
670783.73	4102343.07	16.85573c	(05122408)	670773.11	4102365.58	16.87688c	(05122408)
670762.49	4102388.08	16.89339c	(05122408)	670751.87	4102410.59	16.90778c	(05122408)
670741.25	4102433.09	16.92390c	(05122408)	670730.63	4102455.60	16.94428c	(05122408)
670720.01	4102478.11	16.97058c	(05122408)	670709.39	4102500.61	17.00424c	(05122408)
670698.77	4102523.12	17.04741c	(05122408)	670688.15	4102545.62	17.10058c	(05122408)
670677.53	4102568.13	17.16506c	(05122408)	670666.91	4102590.63	17.25447c	(08011008)
670656.29	4102613.14	17.47601c	(08011008)	670645.67	4102635.64	17.63545c	(08011008)
670635.04	4102658.15	17.74563c	(08011008)	670624.42	4102680.65	17.81999c	(08011008)
670613.80	4102703.16	17.86777c	(08011008)	670603.18	4102725.66	17.93052c	(05122408)
670592.56	4102748.17	18.07772c	(05122408)	670581.94	4102770.68	18.22969c	(05122408)
670571.32	4102793.18	18.38496c	(05122408)	670560.70	4102815.69	18.54040c	(05122408)
670550.08	4102838.19	18.69239c	(05122408)	670539.46	4102860.70	18.83675c	(05122408)
670528.84	4102883.20	18.96771c	(05122408)	670518.22	4102905.71	19.07948c	(05122408)
670507.60	4102928.21	19.16496c	(05122408)	670496.98	4102950.72	19.21343c	(05122408)
670486.36	4102973.22	19.22064c	(05122408)	670475.74	4102995.73	19.17487c	(05122408)
670465.12	4103018.24	19.06997c	(05122408)	670454.50	4103040.74	18.89825c	(05122408)
670443.87	4103063.25	18.65831c	(05122408)	670433.25	4103085.75	18.35018c	(05122408)
670422.63	4103108.26	18.15840c	(05120808)	670412.01	4103130.76	18.30419c	(05120808)
670401.39	4103153.27	18.44554c	(05120808)	670390.77	4103175.77	18.58010c	(05120808)
670380.15	4103198.28	18.70806c	(05120808)	670369.53	4103220.78	18.82709c	(05120808)
670358.91	4103243.29	18.93214c	(05120808)	670348.29	4103265.80	19.02304c	(05120808)
670337.67	4103288.30	19.08525c	(05120808)	670327.05	4103310.81	19.11625c	(05120808)
670316.43	4103333.31	19.10093c	(05120808)	670305.81	4103355.82	19.03194c	(05120808)
670295.19	4103378.32	18.89949c	(05120808)	670284.57	4103400.83	18.70497c	(05120808)
670273.95	4103423.33	18.45271c	(05120808)	670263.33	4103445.84	18.15678c	(05120808)
670252.71	4103468.34	17.83981c	(05120808)	670242.08	4103490.85	17.52104c	(05120808)
670231.46	4103513.36	17.36913c	(08011008)	670220.84	4103535.86	17.35127c	(08011008)
670210.22	4103558.37	17.33337c	(08011008)	670199.60	4103580.87	17.31486c	(08011008)
670188.98	4103603.38	17.29435c	(08011008)	670178.36	4103625.88	17.27126c	(08011008)
670947.16	4101432.58	15.98901	(06020208)	670964.95	4101416.47	16.14265	(06020208)
670982.75	4101400.36	16.28918	(06020208)	671000.54	4101384.25	16.42776	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671018.34	4101368.15	16.56091	(06020208)	671036.13	4101352.04	16.68888	(06020208)
671053.93	4101335.93	16.81086	(06020208)	671071.72	4101319.82	16.93010	(06020208)
671089.52	4101303.71	17.04262	(06020208)	671107.31	4101287.60	17.15225	(06020208)
671125.11	4101271.49	17.25358	(06020208)	671142.90	4101255.39	17.34803	(06020208)
671160.70	4101239.28	17.42991	(06020208)	671178.49	4101223.17	17.49729	(06020208)
671196.29	4101207.06	17.54372	(06020208)	671214.08	4101190.95	17.56430	(06020208)
671231.88	4101174.84	17.55329	(06020208)	671249.67	4101158.74	17.50545	(06020208)
671267.47	4101142.63	17.41482	(06020208)	671285.26	4101126.52	17.27387	(06020208)
671303.06	4101110.41	17.08058	(06020208)	671320.85	4101094.30	16.82435	(06020208)
671338.65	4101078.19	16.50473	(06020208)	671380.41	4101063.35	15.78788	(06020208)
671404.38	4101064.61	15.36859	(06020208)	671428.35	4101065.87	14.85100	(06020208)
671452.32	4101067.14	14.23121	(06020208)	671476.29	4101068.40	13.50733	(06020208)
671500.26	4101069.66	12.68432	(06020208)	671524.23	4101070.93	11.76930	(06020208)
671548.20	4101072.19	10.77878	(06020208)	671572.17	4101073.45	9.73030	(06020208)
671596.14	4101074.72	9.87879	(08111508)	671620.11	4101075.98	10.16491	(08111508)
671644.08	4101077.25	10.41473	(08111508)	671668.05	4101078.51	10.62312	(08111508)
671692.02	4101079.77	10.79600	(08111508)	671715.99	4101081.04	10.93778	(08111508)
671739.96	4101082.30	11.05391	(08111508)	671763.93	4101083.56	11.15182	(08111508)
671787.90	4101084.83	11.23274	(08111508)	671811.87	4101086.09	11.35135	(08111508)
671835.84	4101087.35	11.43578	(07042008)	671859.81	4101088.62	11.72401	(07042008)
671883.78	4101089.88	11.84782	(07042008)	671907.75	4101091.14	11.87309	(07042008)
670929.36	4101448.69	15.90650	(06020208)	670918.74	4101471.19	15.83634	(06020208)
670908.12	4101493.70	15.75951	(06020208)	670897.50	4101516.20	15.67516	(06020208)
670886.88	4101538.71	15.58480	(06020208)	670876.26	4101561.22	15.48550	(06020208)
670865.64	4101583.72	15.37895	(06020208)	670855.02	4101606.23	15.26120	(06020208)
670844.40	4101628.73	15.13569	(06020208)	670833.78	4101651.24	14.99957	(06020208)
670823.16	4101673.74	14.84935	(06020208)	670812.54	4101696.25	14.68885	(06020208)
670801.92	4101718.75	14.51623	(06020208)	670791.29	4101741.26	14.32682	(06020208)
670780.67	4101763.76	14.12496	(06020208)	670770.05	4101786.27	13.90716	(06020208)
670759.43	4101808.78	13.67361	(06020208)	670748.81	4101831.28	13.42375	(06020208)
670738.19	4101853.79	13.15620	(06020208)	670727.57	4101876.29	12.87216	(06020208)
670716.95	4101898.80	12.56888	(06020208)	670706.33	4101921.30	12.30404c	(05122408)
670695.71	4101943.81	12.40099c	(05122408)	670685.09	4101966.31	12.52210c	(05122408)
670674.47	4101988.82	12.66800c	(05122408)	670663.85	4102011.32	12.83647c	(05122408)
670653.23	4102033.83	13.02656c	(05122408)	670642.61	4102056.34	13.23218c	(05122408)
670631.99	4102078.84	13.44683c	(05122408)	670621.37	4102101.35	13.66380c	(05122408)
670610.75	4102123.85	13.87658c	(05122408)	670600.12	4102146.36	14.07871c	(05122408)
670589.50	4102168.86	14.26545c	(05122408)	670578.88	4102191.37	14.43266c	(05122408)
670568.26	4102213.87	14.57836c	(05122408)	670557.64	4102236.38	14.70210c	(05122408)
670547.02	4102258.88	14.80372c	(05122408)	670536.40	4102281.39	14.88537c	(05122408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670525.78	4102303.89	14.94828c	(05122408)	670515.16	4102326.40	14.99506c	(05122408)
670504.54	4102348.91	15.02883c	(05122408)	670493.92	4102371.41	15.05100c	(05122408)
670483.30	4102393.92	15.06458c	(05122408)	670472.68	4102416.42	15.07165c	(05122408)
670462.06	4102438.93	15.07344c	(05122408)	670451.44	4102461.43	15.07162c	(05122408)
670440.82	4102483.94	15.06805c	(05122408)	670430.20	4102506.44	15.06303c	(05122408)
670419.58	4102528.95	15.05621c	(05122408)	670408.96	4102551.45	15.04900c	(05122408)
670398.33	4102573.96	15.04052c	(05122408)	670387.71	4102596.47	15.02994c	(05122408)
670377.09	4102618.97	15.16409c	(08011008)	670366.47	4102641.48	15.63734c	(08011008)
670355.85	4102663.98	16.02207c	(08011008)	670345.23	4102686.49	16.32802c	(08011008)
670334.61	4102708.99	16.56792c	(08011008)	670323.99	4102731.50	16.75200c	(08011008)
670313.37	4102754.00	16.89052c	(08011008)	670302.75	4102776.51	16.99173c	(08011008)
670292.13	4102799.01	17.06545c	(08011008)	670281.51	4102821.52	17.11486c	(08011008)
670270.89	4102844.03	17.14744c	(08011008)	670260.27	4102866.53	17.16607c	(08011008)
670249.65	4102889.04	17.17586c	(08011008)	670239.03	4102911.54	17.17749c	(08011008)
670228.41	4102934.05	17.17441c	(08011008)	670217.79	4102956.55	17.16610c	(08011008)
670207.16	4102979.06	17.15558c	(08011008)	670196.54	4103001.56	17.14324c	(08011008)
670185.92	4103024.07	17.13002c	(08011008)	670175.30	4103046.57	17.11560c	(08011008)
670164.68	4103069.08	17.10039c	(08011008)	670154.06	4103091.59	17.08389c	(08011008)
670143.44	4103114.09	17.06854c	(08011008)	670132.82	4103136.60	17.05232c	(08011008)
670122.20	4103159.10	17.03546c	(08011008)	670111.58	4103181.61	17.01940c	(08011008)
670100.96	4103204.11	17.00299c	(08011008)	670090.34	4103226.62	16.98635c	(08011008)
670079.72	4103249.12	16.96993c	(08011008)	670069.10	4103271.63	16.95320c	(08011008)
670058.48	4103294.13	16.93654c	(08011008)	670047.86	4103316.64	16.91989c	(08011008)
670037.24	4103339.14	16.90318c	(08011008)	670026.62	4103361.65	16.88655c	(08011008)
670016.00	4103384.16	16.86995c	(08011008)	670005.37	4103406.66	16.85323c	(08011008)
669994.75	4103429.17	16.83668c	(08011008)	669984.13	4103451.67	16.81996c	(08011008)
669973.51	4103474.18	16.80325c	(08011008)	669962.89	4103496.68	16.78663c	(08011008)
669952.27	4103519.19	16.76973c	(08011008)	670721.64	4101325.37	12.79794	(06020208)
670740.01	4101308.74	13.07058	(06020208)	670758.38	4101292.11	13.32695	(06020208)
670776.75	4101275.48	13.56837	(06020208)	670795.12	4101258.85	13.79181	(06020208)
670813.49	4101242.23	14.00371	(06020208)	670831.86	4101225.60	14.20063	(06020208)
670850.22	4101208.97	14.38527	(06020208)	670868.59	4101192.34	14.55977	(06020208)
670886.96	4101175.71	14.72307	(06020208)	670905.33	4101159.09	14.87724	(06020208)
670923.70	4101142.46	15.02088	(06020208)	670942.07	4101125.83	15.15744	(06020208)
670960.44	4101109.20	15.28436	(06020208)	670978.81	4101092.57	15.40408	(06020208)
670997.18	4101075.94	15.51509	(06020208)	671015.55	4101059.32	15.61583	(06020208)
671033.91	4101042.69	15.70332	(06020208)	671052.28	4101026.06	15.77827	(06020208)
671070.65	4101009.43	15.83608	(06020208)	671089.02	4100992.80	15.87459	(06020208)
671107.39	4100976.18	15.88902	(06020208)	671125.76	4100959.55	15.87754	(06020208)
671144.13	4100942.92	15.83669	(06020208)	671162.50	4100926.29	15.76268	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671180.87	4100909.66	15.65006	(06020208)	671199.24	4100893.04	15.50112	(06020208)
671217.60	4100876.41	15.30892	(06020208)	671235.97	4100859.78	15.07260	(06020208)
671254.34	4100843.15	14.78730	(06020208)	671297.45	4100827.83	14.17949	(06020208)
671322.20	4100829.13	13.83910	(06020208)	671346.94	4100830.44	13.42746	(06020208)
671371.68	4100831.74	12.94196	(06020208)	671396.43	4100833.04	12.37960	(06020208)
671421.17	4100834.35	11.74485	(06020208)	671445.91	4100835.65	11.04002	(06020208)
671470.66	4100836.96	10.26954	(06020208)	671495.40	4100838.26	9.44799	(06020208)
671520.14	4100839.56	8.58913	(06020208)	671544.88	4100840.87	7.77598	(08111508)
671569.63	4100842.17	7.99424	(08111508)	671594.37	4100843.48	8.18675	(08111508)
671619.11	4100844.78	8.35564	(08111508)	671643.86	4100846.08	8.50109	(08111508)
671668.60	4100847.39	8.62394	(08111508)	671693.34	4100848.69	8.73126	(08111508)
671718.08	4100850.00	8.83123	(08111508)	671742.83	4100851.30	8.92790	(08111508)
671767.57	4100852.61	9.02822	(08111508)	671792.31	4100853.91	9.13349	(08111508)
671817.06	4100855.21	9.24362	(08111508)	671841.80	4100856.52	9.59509	(07042008)
671866.54	4100857.82	9.92908	(07042008)	671891.29	4100859.13	10.18218	(07042008)
671916.03	4100860.43	10.33759	(07042008)	671940.77	4100861.73	10.38201	(07042008)
671965.51	4100863.04	10.30964	(07042008)	671990.26	4100864.34	10.11081	(07042008)
672015.00	4100865.65	9.79098	(07042008)	670703.27	4101341.99	12.50877	(06020208)
670692.65	4101364.50	12.33320	(06020208)	670682.03	4101387.01	12.14841	(06020208)
670671.41	4101409.51	11.95022	(06020208)	670660.79	4101432.02	11.74322	(06020208)
670650.17	4101454.52	11.52308	(06020208)	670639.55	4101477.03	11.29195	(06020208)
670628.93	4101499.53	11.04942	(06020208)	670618.31	4101522.04	10.79438	(06020208)
670607.69	4101544.54	10.52835	(06020208)	670597.07	4101567.05	10.25094	(06020208)
670586.45	4101589.55	10.16909c	(05122408)	670575.83	4101612.06	10.33228c	(05122408)
670565.21	4101634.57	10.46768c	(05122408)	670554.58	4101657.07	10.63797c	(05122408)
670543.96	4101679.58	10.72341c	(05122408)	670533.34	4101702.08	10.78823c	(05122408)
670522.72	4101724.59	10.83635c	(05122408)	670512.10	4101747.09	10.87188c	(05122408)
670501.48	4101769.60	10.89908c	(05122408)	670490.86	4101792.10	10.92296c	(05122408)
670480.24	4101814.61	10.94749c	(05122408)	670469.62	4101837.11	10.97567c	(05122408)
670459.00	4101859.62	11.01303c	(05122408)	670448.38	4101882.12	11.06203c	(05122408)
670437.76	4101904.63	11.12518c	(05122408)	670427.14	4101927.14	11.20464c	(05122408)
670416.52	4101949.64	11.30115c	(05122408)	670405.90	4101972.15	11.41519c	(05122408)
670395.28	4101994.65	11.54501c	(05122408)	670384.66	4102017.16	11.68991c	(05122408)
670374.04	4102039.66	11.84608c	(05122408)	670363.42	4102062.17	12.01097c	(05122408)
670352.79	4102084.67	12.18001c	(05122408)	670342.17	4102107.18	12.34903c	(05122408)
670331.55	4102129.68	12.51429c	(05122408)	670320.93	4102152.19	12.67226c	(05122408)
670310.31	4102174.70	12.81890c	(05122408)	670299.69	4102197.20	12.95275c	(05122408)
670289.07	4102219.71	13.07154c	(05122408)	670278.45	4102242.21	13.17412c	(05122408)
670267.83	4102264.72	13.25991c	(05122408)	670257.21	4102287.22	13.32957c	(05122408)
670246.59	4102309.73	13.38247c	(05122408)	670235.97	4102332.23	13.41986c	(05122408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670225.35	4102354.74	13.44236c	(05122408)	670214.73	4102377.24	13.44956c	(05122408)
670204.11	4102399.75	13.44221c	(05122408)	670193.49	4102422.26	13.42000c	(05122408)
670182.87	4102444.76	13.38132c	(05122408)	670172.25	4102467.27	13.32752c	(05122408)
670161.62	4102489.77	13.25561c	(05122408)	670151.00	4102512.28	13.16460c	(05122408)
670140.38	4102534.78	13.05229c	(05122408)	670129.76	4102557.29	12.91869c	(05122408)
670119.14	4102579.79	12.76085c	(05122408)	670108.52	4102602.30	12.57849c	(05122408)
670097.90	4102624.80	12.37109c	(05122408)	670087.28	4102647.31	12.45935c	(08011008)
670076.66	4102669.82	13.11499c	(08011008)	670066.04	4102692.32	13.69181c	(08011008)
670055.42	4102714.83	14.19100c	(08011008)	670044.80	4102737.33	14.61610c	(08011008)
670034.18	4102759.84	14.97279c	(08011008)	670023.56	4102782.34	15.26676c	(08011008)
670012.94	4102804.85	15.50765c	(08011008)	670002.32	4102827.35	15.69984c	(08011008)
669991.70	4102849.86	15.85277c	(08011008)	669981.08	4102872.36	15.97188c	(08011008)
669970.45	4102894.87	16.06263c	(08011008)	669959.83	4102917.37	16.13092c	(08011008)
669949.21	4102939.88	16.17951c	(08011008)	669938.59	4102962.39	16.21410c	(08011008)
669927.97	4102984.89	16.23692c	(08011008)	669917.35	4103007.40	16.25073c	(08011008)
669906.73	4103029.90	16.25604c	(08011008)	669896.11	4103052.41	16.25623c	(08011008)
669885.49	4103074.91	16.25304c	(08011008)	669874.87	4103097.42	16.24513c	(08011008)
669864.25	4103119.92	16.23671c	(08011008)	669853.63	4103142.43	16.22476c	(08011008)
669843.01	4103164.93	16.21227c	(08011008)	669832.39	4103187.44	16.19921c	(08011008)
669821.77	4103209.95	16.18443c	(08011008)	669811.15	4103232.45	16.17030c	(08011008)
669800.53	4103254.96	16.15508c	(08011008)	669789.91	4103277.46	16.14016c	(08011008)
669779.29	4103299.97	16.12459c	(08011008)	669768.66	4103322.47	16.10895c	(08011008)
669758.04	4103344.98	16.09342c	(08011008)	669747.42	4103367.48	16.07804c	(08011008)
669736.80	4103389.99	16.06222c	(08011008)	669726.18	4103412.49	16.04661c	(08011008)
670269.27	4101112.16	6.19675c	(05122408)	670287.44	4101095.70	5.94169c	(05122408)
670305.61	4101079.25	5.59924	(06020208)	670323.79	4101062.80	5.73789	(06020208)
670341.96	4101046.35	5.94122	(06020208)	670360.14	4101029.90	6.37909	(06020208)
670378.31	4101013.45	7.06837	(06020208)	670396.48	4100997.00	7.64701	(06020208)
670414.66	4100980.55	8.04623	(06020208)	670432.83	4100964.09	8.37380	(06020208)
670451.00	4100947.64	8.69423	(06020208)	670469.18	4100931.19	9.00716	(06020208)
670487.35	4100914.74	9.31196	(06020208)	670505.52	4100898.29	9.60740	(06020208)
670523.70	4100881.84	9.89243	(06020208)	670541.87	4100865.39	10.16784	(06020208)
670560.04	4100848.94	10.43205	(06020208)	670578.22	4100832.48	10.68435	(06020208)
670596.39	4100816.03	10.92723	(06020208)	670614.57	4100799.58	11.15685	(06020208)
670632.74	4100783.13	11.37782	(06020208)	670650.91	4100766.68	11.58527	(06020208)
670669.09	4100750.23	11.78343	(06020208)	670687.26	4100733.78	11.96949	(06020208)
670705.43	4100717.33	12.14522	(06020208)	670723.61	4100700.87	12.30888	(06020208)
670741.78	4100684.42	12.46126	(06020208)	670759.95	4100667.97	12.60148	(06020208)
670778.13	4100651.52	12.72895	(06020208)	670796.30	4100635.07	12.84371	(06020208)
670814.47	4100618.62	12.94546	(06020208)	670832.65	4100602.17	13.03191	(06020208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670850.82	4100585.72	13.10411	(06020208)	670869.00	4100569.27	13.15835	(06020208)
670887.17	4100552.81	13.19459	(06020208)	670905.34	4100536.36	13.21264	(06020208)
670923.52	4100519.91	13.21223	(06020208)	670941.69	4100503.46	13.19175	(06020208)
670959.86	4100487.01	13.15013	(06020208)	670978.04	4100470.56	13.08778	(06020208)
670996.21	4100454.11	13.00333	(06020208)	671014.38	4100437.66	12.89547	(06020208)
671032.56	4100421.20	12.76551	(06020208)	671050.73	4100404.75	12.50092	(06020208)
671068.91	4100388.30	11.73209	(06020208)	671087.08	4100371.85	11.13733	(06020208)
671129.73	4100356.69	7.69701	(06020208)	671154.21	4100357.98	6.04620	(06020208)
671178.69	4100359.27	5.12375	(06020208)	671203.17	4100360.56	5.03397	(06020208)
671227.65	4100361.85	5.69331	(06020208)	671252.13	4100363.14	6.71598	(06020208)
671276.61	4100364.43	7.65832	(06020208)	671301.09	4100365.72	7.74994	(06020208)
671325.57	4100367.01	7.59672	(06020208)	671350.05	4100368.30	7.40830	(06020208)
671374.53	4100369.59	7.14391	(06020208)	671399.01	4100370.88	6.76803	(06020208)
671423.49	4100372.17	6.34997	(06020208)	671447.97	4100373.46	5.91859	(06020208)
671472.45	4100374.75	5.58182	(06020208)	671496.93	4100376.04	5.31160	(08111508)
671521.41	4100377.33	5.25481	(08111508)	671545.89	4100378.62	5.16459	(08111508)
671570.37	4100379.91	5.16201	(08111508)	671594.85	4100381.20	5.26244	(08111508)
671619.33	4100382.49	5.58452	(08111508)	671643.81	4100383.78	5.72041	(08111508)
671668.29	4100385.07	5.75281	(08111508)	671692.77	4100386.37	5.79429	(08111508)
671717.25	4100387.66	5.84969	(08111508)	671741.73	4100388.95	5.92154	(08111508)
671766.21	4100390.24	6.01355	(08111508)	671790.68	4100391.53	6.12696	(08111508)
671815.16	4100392.82	6.30100	(07042008)	671839.64	4100394.11	6.66736	(07042008)
671864.12	4100395.40	7.01201	(07042008)	671888.60	4100396.69	7.33479	(07042008)
671913.08	4100397.98	7.61493	(07042008)	671937.56	4100399.27	7.84701	(07042008)
671962.04	4100400.56	8.02717	(07042008)	671986.52	4100401.85	8.15562	(07042008)
672011.00	4100403.14	8.21740	(07042008)	672035.48	4100404.43	8.19299	(07042008)
672059.96	4100405.72	8.09442	(07042008)	672084.44	4100407.01	7.93369	(07042008)
672108.92	4100408.30	7.69984	(07042008)	672133.40	4100409.59	7.40020	(07042008)
672157.88	4100410.88	7.03818	(07042008)	672182.36	4100412.17	6.60914	(07042008)
672206.84	4100413.46	6.24644c	(04050608)	672231.32	4100414.75	6.90651c	(04050608)
670251.09	4101128.61	6.32896c	(05122408)	670240.47	4101151.11	6.21619c	(05122408)
670229.85	4101173.62	5.94413c	(05122408)	670219.23	4101196.12	5.63220c	(05122408)
670208.61	4101218.63	5.44029c	(05122408)	670197.99	4101241.13	5.28542c	(05122408)
670187.37	4101263.64	5.29100c	(05122408)	670176.75	4101286.14	6.02276c	(05122408)
670166.13	4101308.65	7.08290c	(05122408)	670155.51	4101331.16	7.92750c	(05122408)
670144.89	4101353.66	8.33688c	(05122408)	670134.27	4101376.17	8.49062c	(05122408)
670123.65	4101398.67	8.60741c	(05122408)	670113.03	4101421.18	8.71013c	(05122408)
670102.41	4101443.68	8.79905c	(05122408)	670091.79	4101466.19	8.87341c	(05122408)
670081.16	4101488.69	8.93432c	(05122408)	670070.54	4101511.20	8.98273c	(05122408)
670059.92	4101533.70	9.02081c	(05122408)	670049.30	4101556.21	9.04906c	(05122408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670038.68	4101578.72	9.06957c (05122408)	670028.06	4101601.22	9.08379c (05122408)
670017.44	4101623.73	9.09336c (05122408)	670006.82	4101646.23	9.12789c (05122408)
669996.20	4101668.74	9.13255c (05122408)	669985.58	4101691.24	9.13610c (05122408)
669974.96	4101713.75	9.14076c (05122408)	669964.34	4101736.25	9.14706c (05122408)
669953.72	4101758.76	9.15631c (05122408)	669943.10	4101781.26	9.16985c (05122408)
669932.48	4101803.77	9.18805c (05122408)	669921.86	4101826.28	9.21199c (05122408)
669911.24	4101848.78	9.24224c (05122408)	669900.62	4101871.29	9.27933c (05122408)
669890.00	4101893.79	9.32310c (05122408)	669879.37	4101916.30	9.37290c (05122408)
669868.75	4101938.80	9.42807c (05122408)	669858.13	4101961.31	9.48746c (05122408)
669847.51	4101983.81	9.55022c (05122408)	669836.89	4102006.32	9.61386c (05122408)
669826.27	4102028.82	9.67612c (05122408)	669815.65	4102051.33	9.73443c (05122408)
669805.03	4102073.83	9.78615c (05122408)	669794.41	4102096.34	9.82863c (05122408)
669783.79	4102118.85	9.85878c (05122408)	669773.17	4102141.35	9.87421c (05122408)
669762.55	4102163.86	9.87317c (05122408)	669751.93	4102186.36	9.85336c (05122408)
669741.31	4102208.87	9.81384c (05122408)	669730.69	4102231.37	9.75344c (05122408)
669720.07	4102253.88	9.67208c (05122408)	669709.45	4102276.38	9.57014c (05122408)
669698.83	4102298.89	9.44869c (05122408)	669688.20	4102321.39	9.37760 (05020408)
669677.58	4102343.90	9.31477 (05020408)	669666.96	4102366.41	9.24208 (05020408)
669656.34	4102388.91	9.16074 (05020408)	669645.72	4102411.42	9.07147 (05020408)
669635.10	4102433.92	9.07197c (05120724)	669624.48	4102456.43	9.25034c (05120724)
669613.86	4102478.93	9.41289c (05120724)	669603.24	4102501.44	9.55761c (05120724)
669592.62	4102523.94	9.68358c (05120724)	669582.00	4102546.45	9.79083c (05120724)
669571.38	4102568.95	9.87901c (05120724)	669560.76	4102591.46	9.95020c (05120724)
669550.14	4102613.97	10.00532c (05120724)	669539.52	4102636.47	10.04637c (05120724)
669528.90	4102658.98	10.07540c (05120724)	669518.28	4102681.48	10.09487c (05120724)
669507.66	4102703.99	10.10648c (05120724)	669497.04	4102726.49	10.11171c (05120724)
669486.41	4102749.00	10.11217c (05120724)	669475.79	4102771.50	10.10935c (05120724)
669465.17	4102794.01	10.10369c (05120724)	669454.55	4102816.51	10.62430c (08011008)
669443.93	4102839.02	11.14389c (08011008)	669433.31	4102861.53	11.61809c (08011008)
669422.69	4102884.03	12.04541c (08011008)	669412.07	4102906.54	12.42652c (08011008)
669401.45	4102929.04	12.76312c (08011008)	669390.83	4102951.55	13.05746c (08011008)
669380.21	4102974.05	13.31196c (08011008)	669369.59	4102996.56	13.53032c (08011008)
669358.97	4103019.06	13.71559c (08011008)	669348.35	4103041.57	13.87140c (08011008)
669337.73	4103064.07	14.00203c (08011008)	669327.11	4103086.58	14.11006c (08011008)
669316.49	4103109.08	14.19737c (08011008)	669305.87	4103131.59	14.26759c (08011008)
669295.24	4103154.10	14.32408c (08011008)	669284.62	4103176.60	14.36603c (08011008)
669274.00	4103199.11	14.40010c (08011008)	669817.28	4100898.59	5.89655c (05122408)
669835.65	4100881.96	5.78320c (05122408)	669854.02	4100865.33	5.80535c (04121708)
669872.39	4100848.71	5.84887c (04121708)	669890.76	4100832.08	5.88684c (04121708)
669909.13	4100815.45	5.91957c (04121708)	669927.50	4100798.82	5.82271c (04121708)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669945.87	4100782.19	5.23876c	(04121708)	669964.24	4100765.57	4.66154c	(04121708)
669982.60	4100748.94	4.34384c	(06010508)	670000.97	4100732.31	4.28449c	(06010508)
670019.34	4100715.68	4.36276c	(06010508)	670037.71	4100699.05	4.54191c	(06010508)
670056.08	4100682.43	5.00067c	(04121708)	670074.45	4100665.80	5.44524c	(04121708)
670092.82	4100649.17	5.66233c	(04121708)	670111.19	4100632.54	5.75767c	(04121708)
670129.56	4100615.91	5.49708c	(04121708)	670147.93	4100599.28	5.34659	(06010516)
670166.29	4100582.66	5.06740	(06020208)	670184.66	4100566.03	5.20497	(06020208)
670203.03	4100549.40	5.39374	(06020208)	670221.40	4100532.77	5.66756	(06020208)
670239.77	4100516.14	5.97308	(06020208)	670258.14	4100499.52	6.32006	(06020208)
670276.51	4100482.89	6.77406	(06020208)	670294.88	4100466.26	7.10350	(06020208)
670313.25	4100449.63	7.39371	(06020208)	670331.62	4100433.00	7.78166	(06020208)
670349.98	4100416.38	8.04470	(06020208)	670368.35	4100399.75	8.29011	(06020208)
670386.72	4100383.12	8.53079	(06020208)	670405.09	4100366.49	8.76272	(06020208)
670423.46	4100349.86	8.98856	(06020208)	670441.83	4100333.23	9.20463	(06020208)
670460.20	4100316.61	9.41304	(06020208)	670478.57	4100299.98	9.59503	(06020208)
670496.94	4100283.35	9.58755	(06020208)	670515.31	4100266.72	9.61234	(06020208)
670533.67	4100250.09	9.56144	(06020208)	670552.04	4100233.47	9.46956	(06020208)
670570.41	4100216.84	9.31428	(06020208)	670588.78	4100200.21	9.10465	(06020208)
670607.15	4100183.58	8.87065	(06020208)	670625.52	4100166.95	8.71153	(06020208)
670643.89	4100150.33	8.63507	(06020208)	670662.26	4100133.70	8.57114	(06020208)
670680.63	4100117.07	8.52999	(06020208)	670699.00	4100100.44	8.46318	(06020208)
670717.37	4100083.81	8.29860	(06020208)	670735.73	4100067.19	7.99232	(06020208)
670754.10	4100050.56	7.52700	(06020208)	670772.47	4100033.93	6.98010	(06020208)
670790.84	4100017.30	6.52362	(06020208)	670809.21	4100000.67	6.91253	(06020208)
670827.58	4099984.04	7.24395	(06020208)	670845.95	4099967.42	6.67066	(06020208)
670864.32	4099950.79	6.46949	(06020208)	670882.69	4099934.16	4.82692	(06020208)
670901.06	4099917.53	3.41696	(06010516)	670919.42	4099900.90	3.29921	(06010516)
670962.54	4099885.58	3.03687	(06010516)	670987.28	4099886.88	2.89234	(06010516)
671012.02	4099888.19	2.73975	(06010516)	671036.76	4099889.49	2.15701	(06010516)
671061.51	4099890.80	2.00666	(06010516)	671086.25	4099892.10	2.24865	(06010516)
671110.99	4099893.40	2.08046	(06010516)	671135.74	4099894.71	1.91357	(06010516)
671160.48	4099896.01	1.74923	(06010516)	671185.22	4099897.32	1.61423	(06020216)
671209.97	4099898.62	1.55340	(06020216)	671234.71	4099899.93	1.96678	(06020208)
671259.45	4099901.23	2.10431	(06020208)	671284.19	4099902.53	1.35468	(06020216)
671308.94	4099903.84	1.28270	(06020216)	671333.68	4099905.14	1.21116	(06020216)
671358.42	4099906.45	1.09753c	(04012616)	671383.17	4099907.75	1.10871c	(04012616)
671407.91	4099909.05	1.12175c	(04012616)	671432.65	4099910.36	1.13664c	(04012616)
671457.40	4099911.66	1.36390	(07020116)	671482.14	4099912.97	1.37351	(07020116)
671506.88	4099914.27	1.37791	(07020116)	671531.62	4099915.57	1.49682	(06040324)
671556.37	4099916.88	1.80763	(06040324)	671581.11	4099918.18	2.05399	(06040324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671605.85	4099919.49	2.10722	(06040324)	671630.60	4099920.79	2.14215	(06040324)
671655.34	4099922.10	2.21936	(06040324)	671680.08	4099923.40	2.25740	(06040324)
671704.82	4099924.70	2.29015	(05021808)	671729.57	4099926.01	2.35953	(07042008)
671754.31	4099927.31	2.64566	(07042008)	671779.05	4099928.62	3.13429	(07042008)
671803.80	4099929.92	3.63242	(07042008)	671828.54	4099931.22	4.08338	(07042008)
671853.28	4099932.53	4.50928	(07042008)	671878.03	4099933.83	4.92345	(07042008)
671902.77	4099935.14	5.17294	(07042008)	671927.51	4099936.44	5.33522	(07042008)
671952.25	4099937.74	5.46495	(07042008)	671977.00	4099939.05	5.59227	(07042008)
672001.74	4099940.35	5.73006	(07042008)	672026.48	4099941.66	5.89317	(07042008)
672051.23	4099942.96	6.06214	(07042008)	672075.97	4099944.27	6.20386	(07042008)
672100.71	4099945.57	6.29039	(07042008)	672125.45	4099946.87	6.32899	(07042008)
672150.20	4099948.18	6.33370	(07042008)	672174.94	4099949.48	6.24895	(07042008)
672199.68	4099950.79	6.13281	(07042008)	672224.43	4099952.09	6.00245	(07042008)
672249.17	4099953.39	5.76890	(07042008)	672273.91	4099954.70	5.47720	(07042008)
672298.66	4099956.00	5.14977	(07042008)	672323.40	4099957.31	4.82555	(07011524)
672348.14	4099958.61	4.87522	(07011524)	672372.88	4099959.91	4.94074c	(04050608)
672397.63	4099961.22	5.21888c	(04050608)	672422.37	4099962.52	5.46889c	(04050608)
672447.11	4099963.83	5.71125c	(04050608)	669798.91	4100915.22	6.00782c	(05122408)
669788.29	4100937.72	6.13910c	(05122408)	669777.67	4100960.23	6.26969c	(05122408)
669767.05	4100982.74	6.39970c	(05122408)	669756.43	4101005.24	6.52792c	(05122408)
669745.81	4101027.75	6.65445c	(05122408)	669735.19	4101050.25	6.77803c	(05122408)
669724.57	4101072.76	6.89792c	(05122408)	669713.95	4101095.26	7.01268c	(05122408)
669703.33	4101117.77	7.12285c	(05122408)	669692.71	4101140.27	7.22569c	(05122408)
669682.09	4101162.78	7.32143c	(05122408)	669671.47	4101185.28	7.40848c	(05122408)
669660.85	4101207.79	7.48758c	(05122408)	669650.23	4101230.30	7.55714c	(05122408)
669639.61	4101252.80	7.61856c	(05122408)	669628.99	4101275.31	7.67011c	(05122408)
669618.37	4101297.81	7.71336c	(05122408)	669607.75	4101320.32	7.74782c	(05122408)
669597.12	4101342.82	7.77468c	(05122408)	669586.50	4101365.33	7.79343c	(05122408)
669575.88	4101387.83	7.80499c	(05122408)	669565.26	4101410.34	7.81047c	(05122408)
669554.64	4101432.84	7.80990c	(05122408)	669544.02	4101455.35	7.80344c	(05122408)
669533.40	4101477.85	7.79186c	(05122408)	669522.78	4101500.36	7.77533c	(05122408)
669512.16	4101522.87	7.75394c	(05122408)	669501.54	4101545.37	7.72787c	(05122408)
669490.92	4101567.88	7.69743c	(05122408)	669480.30	4101590.38	7.66210c	(05122408)
669469.68	4101612.89	7.62263c	(05122408)	669459.06	4101635.39	7.57842c	(05122408)
669448.44	4101657.90	7.52990c	(05122408)	669437.82	4101680.40	7.49205c	(05122408)
669427.20	4101702.91	7.43487c	(05122408)	669416.58	4101725.41	7.37352c	(05122408)
669405.95	4101747.92	7.30871c	(05122408)	669395.33	4101770.43	7.24046c	(05122408)
669384.71	4101792.93	7.16948c	(05122408)	669374.09	4101815.44	7.09593c	(05122408)
669363.47	4101837.94	7.02025c	(05122408)	669352.85	4101860.45	7.08295	(05020408)
669342.23	4101882.95	7.20211	(05020408)	669331.61	4101905.46	7.31017	(05020408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669320.99	4101927.96	7.40629	(05020408)	669310.37	4101950.47	7.48934	(05020408)
669299.75	4101972.97	7.55856	(05020408)	669289.13	4101995.48	7.61384	(05020408)
669278.51	4102017.99	7.65531	(05020408)	669267.89	4102040.49	7.68296	(05020408)
669257.27	4102063.00	7.69733	(05020408)	669246.65	4102085.50	7.69945	(05020408)
669236.03	4102108.01	7.69057	(05020408)	669225.41	4102130.51	7.67174	(05020408)
669214.78	4102153.02	7.64475	(05020408)	669204.16	4102175.52	7.61077	(05020408)
669193.54	4102198.03	7.57156	(05020408)	669182.92	4102220.53	7.52874	(05020408)
669172.30	4102243.04	7.48373	(05020408)	669161.68	4102265.55	7.43790	(05020408)
669151.06	4102288.05	7.39247	(05020408)	669140.44	4102310.56	7.34784	(05020408)
669129.82	4102333.06	7.30583	(05020408)	669119.20	4102355.57	7.26573	(05020408)
669108.58	4102378.07	7.23551c	(05120724)	669097.96	4102400.58	7.39274c	(05120724)
669087.34	4102423.08	7.55132c	(05120724)	669076.72	4102445.59	7.70962c	(05120724)
669066.10	4102468.09	7.86584c	(05120724)	669055.48	4102490.60	8.01762c	(05120724)
669044.86	4102513.10	8.16390c	(05120724)	669034.24	4102535.61	8.30267c	(05120724)
669023.62	4102558.12	8.43296c	(05120724)	669012.99	4102580.62	8.55265c	(05120724)
669002.37	4102603.13	8.66109c	(05120724)	668991.75	4102625.63	8.75754c	(05120724)
668981.13	4102648.14	8.84133c	(05120724)	668970.51	4102670.64	8.91217c	(05120724)
668959.89	4102693.15	8.97089c	(05120724)	668949.27	4102715.65	9.01691c	(05120724)
668938.65	4102738.16	9.05164c	(05120724)	668928.03	4102760.66	9.07506c	(05120724)
668917.41	4102783.17	9.08808c	(05120724)	668906.79	4102805.68	9.09133c	(05120724)
668896.17	4102828.18	9.08539c	(05120724)	668885.55	4102850.69	9.07038c	(05120724)
668874.93	4102873.19	9.04638c	(05120724)	668864.31	4102895.70	9.01357c	(05120724)
668853.69	4102918.20	8.97185c	(05120724)	668843.07	4102940.71	8.92055c	(05120724)
668832.45	4102963.21	8.85887c	(05120724)	668821.82	4102985.72	9.23810c	(08011008)
670622.36	4103862.89	27.30872	(05123008)	670645.08	4103870.77	27.54757	(05123008)
670667.81	4103878.64	27.49833	(05123008)	670690.54	4103886.52	30.08088c	(05010524)
670713.26	4103894.39	33.36286c	(05010524)	670735.99	4103902.26	34.58584c	(05010524)
670758.72	4103910.14	39.97693c	(05010524)	670781.45	4103918.01	61.53583c	(05010524)
670804.17	4103925.89	72.69518c	(05010524)	670826.90	4103933.76	73.72323c	(05010524)
670849.63	4103941.63	66.69267c	(05010524)	670872.36	4103949.51	59.91321c	(05010524)
670895.08	4103957.38	55.16419c	(05010524)	670917.81	4103965.26	53.55836c	(07020808)
670940.54	4103973.13	55.38774c	(04122424)	670963.27	4103981.01	56.45818c	(04122424)
670985.99	4103988.88	56.14666c	(04122424)	671008.72	4103996.75	54.48392c	(04122424)
671031.45	4104004.63	51.29073c	(04122424)	671054.17	4104012.50	46.57982c	(04122424)
671076.90	4104020.38	40.87055c	(04122424)	671099.63	4104028.25	34.98014c	(04122424)
671122.36	4104036.13	33.67551	(06011708)	671145.08	4104044.00	32.83804	(06011708)
671167.81	4104051.87	32.34028c	(08122808)	671190.54	4104059.75	32.09589c	(08122808)
671213.27	4104067.62	31.66953c	(08122808)	670599.31	4103872.59	26.63682	(05123008)
670636.90	4103894.39	26.65657	(05123008)	670659.63	4103902.26	27.55674c	(05010524)
670682.35	4103910.14	30.77386c	(05010524)	670705.08	4103918.01	33.99132c	(05010524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670727.81	4103925.89	34.64311c (05010524)	670750.54	4103933.76	43.03159c (05010524)
670773.26	4103941.63	64.52118c (05010524)	670795.99	4103949.51	71.39364c (05010524)
670818.72	4103957.38	69.48959c (05010524)	670841.44	4103965.26	62.57977c (05010524)
670864.17	4103973.13	56.41138c (05010524)	670886.90	4103981.01	51.79907c (05010524)
670909.63	4103988.88	50.91410c (07020808)	670932.35	4103996.75	52.81764c (04122424)
670955.08	4104004.63	53.80348c (04122424)	670977.81	4104012.50	53.50723c (04122424)
671000.54	4104020.38	51.99919c (04122424)	671023.26	4104028.25	49.06629c (04122424)
671045.99	4104036.13	44.75583c (04122424)	671068.72	4104044.00	39.55317c (04122424)
671091.44	4104051.87	34.12631c (04122424)	671114.17	4104059.75	31.46356 (06011708)
671136.90	4104067.62	30.82867 (06011708)	671159.63	4104075.50	30.19181c (08122808)
671182.35	4104083.37	30.15291c (08122808)	671205.08	4104091.24	29.93640c (08122808)
670591.13	4103896.21	25.98805 (05123008)	670561.84	4103847.99	25.65834 (05123008)
670628.71	4103918.01	25.76221 (04111008)	670651.44	4103925.89	28.24804c (05010524)
670674.17	4103933.76	31.42240c (05010524)	670696.90	4103941.63	34.60762c (05010524)
670719.62	4103949.51	35.17532c (05010524)	670742.35	4103957.38	46.95998c (05010524)
670765.08	4103965.26	66.55924c (05010524)	670787.81	4103973.13	69.62238c (05010524)
670810.53	4103981.01	65.55241c (05010524)	670833.26	4103988.88	58.62659c (05010524)
670855.99	4103996.75	53.21727c (05010524)	670878.71	4104004.63	48.72184c (05010524)
670901.44	4104012.50	48.53188c (07020808)	670924.17	4104020.38	50.58666c (04122424)
670946.90	4104028.25	51.50373c (04122424)	670969.62	4104036.12	51.17041c (04122424)
670992.35	4104044.00	49.75904c (04122424)	671015.08	4104051.87	47.03898c (04122424)
671037.81	4104059.75	43.08312c (04122424)	671060.53	4104067.62	38.32014c (04122424)
671083.26	4104075.50	33.29719c (04122424)	671105.99	4104083.37	29.45980 (06011708)
671128.72	4104091.24	28.97395 (06011708)	671151.44	4104099.12	28.36298 (06011708)
671174.17	4104106.99	28.33032c (08122808)	671196.90	4104114.87	28.27573c (08122808)
670582.94	4103919.83	25.16132 (05123008)	670553.22	4103891.97	25.27043 (05123008)
670538.80	4103857.68	24.97475 (05123008)	670620.53	4103941.63	25.83602c (05010524)
670643.26	4103949.51	28.90550c (05010524)	670665.98	4103957.38	32.02401c (05010524)
670688.71	4103965.26	34.67375c (05010524)	670711.44	4103973.13	36.46168c (05010524)
670734.17	4103981.00	51.17596c (05010524)	670756.89	4103988.88	67.13646c (05010524)
670779.62	4103996.75	67.11025c (05010524)	670802.35	4104004.63	61.76964c (05010524)
670825.08	4104012.50	55.09003c (05010524)	670847.80	4104020.38	50.47203c (05010524)
670870.53	4104028.25	46.00710c (05010524)	670893.26	4104036.12	46.59673c (04122424)
670915.98	4104044.00	48.70486c (04122424)	670938.71	4104051.87	49.39139c (04122424)
670961.44	4104059.75	49.06972c (04122424)	670984.17	4104067.62	47.71671c (04122424)
671006.89	4104075.50	45.17453c (04122424)	671029.62	4104083.37	41.53712c (04122424)
671052.35	4104091.24	37.15680c (04122424)	671075.08	4104099.12	32.49809c (04122424)
671097.80	4104106.99	28.00281c (04122424)	671120.53	4104114.87	27.26881 (06011708)
671143.26	4104122.74	26.78882 (06011708)	671165.99	4104130.62	26.63680c (08122808)
671188.71	4104138.49	26.70687c (08122808)	670566.57	4103967.08	24.20160 (04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670536.85	4103939.22	23.99290	(04111008)	670507.13	4103911.36	23.91647	(05123008)
670492.71	4103877.07	23.64123	(05123008)	670493.58	4103836.34	23.21882	(05123008)
670604.16	4103988.88	27.10690c	(05010524)	670626.89	4103996.75	30.09500c	(05010524)
670649.62	4104004.63	33.05358c	(05010524)	670672.34	4104012.50	34.01794c	(05010524)
670695.07	4104020.38	39.80460c	(05010524)	670717.80	4104028.25	57.48288c	(05010524)
670740.53	4104036.12	61.44186c	(05010524)	670763.25	4104044.00	61.27097c	(05010524)
670785.98	4104051.87	56.07336c	(05010524)	670808.71	4104059.75	51.85601c	(05010524)
670831.43	4104067.62	47.43962c	(05010524)	670854.16	4104075.50	43.30026c	(07020808)
670876.89	4104083.37	44.39591c	(04122424)	670899.62	4104091.24	45.16513c	(04122424)
670922.34	4104099.12	45.68079c	(04122424)	670945.07	4104106.99	45.37479c	(04122424)
670967.80	4104114.87	44.08418c	(04122424)	670990.53	4104122.74	41.87895c	(04122424)
671013.25	4104130.61	38.76447c	(04122424)	671035.98	4104138.49	35.02103c	(04122424)
671058.71	4104146.36	30.98477c	(04122424)	671081.43	4104154.24	26.99343c	(04122424)
671104.16	4104162.11	24.26503	(06011708)	671126.89	4104169.99	23.95929	(06011708)
671149.62	4104177.86	23.62789c	(08122808)	671172.34	4104185.73	23.87525c	(08122808)
670548.08	4104012.33	23.19968	(04111008)	670531.10	4103996.41	23.34867	(04111008)
670514.12	4103980.49	23.33886	(04111008)	670497.13	4103964.57	23.20068	(04111008)
670480.15	4103948.65	22.97117	(04111008)	670463.17	4103932.74	22.67669	(04111008)
670446.68	4103893.55	22.36558	(05123008)	670447.18	4103870.27	22.20370	(05123008)
670447.68	4103847.00	21.97832	(04111008)	670448.18	4103823.73	21.85881	(04111008)
670448.67	4103800.46	21.77849	(04111008)	670449.17	4103777.19	21.74735	(04111008)
670565.07	4104028.25	25.39372c	(05010524)	670587.79	4104036.12	28.23372c	(05010524)
670610.52	4104044.00	31.08962c	(05010524)	670633.25	4104051.87	33.83912c	(05010524)
670655.97	4104059.75	34.52596c	(05010524)	670678.70	4104067.62	44.98094c	(05010524)
670701.43	4104075.49	58.94515c	(05010524)	670724.16	4104083.37	58.47082c	(05010524)
670746.88	4104091.24	58.85720c	(05010524)	670769.61	4104099.12	56.67895c	(05010524)
670792.34	4104106.99	52.03487c	(05010524)	670815.07	4104114.87	45.18466c	(05010524)
670837.79	4104122.74	40.23671c	(04011124)	670860.52	4104130.61	39.96147c	(04122424)
670883.25	4104138.49	41.15018c	(04122424)	670905.97	4104146.36	41.86460c	(04122424)
670928.70	4104154.24	41.80746c	(04122424)	670951.43	4104162.11	40.87867c	(04122424)
670974.16	4104169.99	39.00223c	(04122424)	670996.88	4104177.86	36.33778c	(04122424)
671019.61	4104185.73	33.10964c	(04122424)	671042.34	4104193.61	29.58318c	(04122424)
671065.07	4104201.48	26.02418c	(04122424)	671087.79	4104209.36	22.64063c	(04122424)
671110.52	4104217.23	21.52990	(06011708)	671133.25	4104225.10	21.28416	(06011708)
671155.98	4104232.98	21.43390c	(08122808)	670532.19	4104060.02	23.94851c	(05010524)
670515.67	4104044.54	22.30412	(04111008)	670499.16	4104029.06	22.51483	(04111008)
670482.65	4104013.59	22.57732	(04111008)	670466.14	4103998.11	22.52059	(04111008)
670433.12	4103967.16	22.16094	(04111008)	670416.61	4103951.68	21.89296	(04111008)
670400.58	4103913.58	21.51274	(04111008)	670401.06	4103890.95	21.39687	(04111008)
670401.55	4103868.33	21.26361	(04111008)	670402.03	4103845.70	21.13172	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670402.52	4103823.08	21.02505	(04111008)	670403.00	4103800.45	20.95611	(04111008)
670403.48	4103777.83	20.92818	(04111008)	670403.97	4103755.20	20.93905	(04111008)
670548.70	4104075.49	26.45804c	(05010524)	670571.42	4104083.37	29.19213c	(05010524)
670594.15	4104091.24	31.87660c	(05010524)	670616.88	4104099.12	33.73851c	(05010524)
670639.61	4104106.99	37.01853c	(05010524)	670662.33	4104114.86	49.36406c	(05010524)
670685.06	4104122.74	55.01574c	(05010524)	670707.79	4104130.61	57.38852c	(05010524)
670730.52	4104138.49	54.85520c	(05010524)	670753.24	4104146.36	53.06351c	(05010524)
670775.97	4104154.24	47.47768c	(05010524)	670798.70	4104162.11	39.18305c	(05010524)
670821.42	4104169.98	36.88949c	(04011124)	670844.15	4104177.86	36.97825c	(04011124)
670866.88	4104185.73	37.98408c	(04122424)	670889.61	4104193.61	38.77527c	(04122424)
670912.33	4104201.48	38.87894c	(04122424)	670935.06	4104209.36	38.09107c	(04122424)
670957.79	4104217.23	36.48460c	(04122424)	670980.52	4104225.10	34.18542c	(04122424)
671003.24	4104232.98	31.38185c	(04122424)	671025.97	4104240.85	28.27869c	(04122424)
671048.70	4104248.73	25.09468c	(04122424)	671071.42	4104256.60	22.00900c	(04122424)
671094.15	4104264.48	19.45637	(06011708)	671116.88	4104272.35	19.27433	(06011708)
671139.61	4104280.22	19.33654c	(08122808)	670504.90	4104138.76	25.57188c	(05010524)
670488.39	4104123.28	23.23780c	(05010524)	670471.88	4104107.81	21.04862	(04012624)
670455.37	4104092.33	21.03645	(04111008)	670438.86	4104076.85	21.26844	(04111008)
670405.84	4104045.90	21.37491	(04111008)	670389.33	4104030.42	21.29276	(04111008)
670372.82	4104014.95	21.14900	(04111008)	670356.31	4103999.47	20.96159	(04111008)
670339.79	4103983.99	20.73778	(04111008)	670323.77	4103945.89	20.42730	(04111008)
670324.25	4103923.26	20.33120	(04111008)	670324.73	4103900.64	20.21015	(04111008)
670325.22	4103878.01	20.07778	(04111008)	670325.70	4103855.39	19.95053	(04111008)
670326.19	4103832.76	19.84561	(04111008)	670326.67	4103810.14	19.77128	(04111008)
670327.15	4103787.51	19.72929	(04111008)	670327.64	4103764.89	19.71571	(04111008)
670328.12	4103742.26	19.72136	(04111008)	670328.60	4103719.64	19.73262	(04111008)
670521.42	4104154.23	27.90362c	(05010524)	670544.14	4104162.11	30.39284c	(05010524)
670566.87	4104169.98	32.62553c	(05010524)	670589.60	4104177.86	34.16851c	(05010524)
670612.32	4104185.73	43.98335c	(05010524)	670635.05	4104193.61	48.57378c	(05010524)
670657.78	4104201.48	51.68413c	(05010524)	670680.51	4104209.35	52.98937c	(05010524)
670703.23	4104217.23	48.17214c	(05010524)	670725.96	4104225.10	43.74937c	(05010524)
670748.69	4104232.98	38.11094c	(05010524)	670771.42	4104240.85	34.66790c	(04011124)
670794.14	4104248.73	35.31096c	(04011124)	670816.87	4104256.60	34.58539c	(04011124)
670839.60	4104264.47	34.36331c	(04122424)	670862.33	4104272.35	34.74452c	(04122424)
670885.05	4104280.22	34.75691c	(04122424)	670907.78	4104288.10	34.16189c	(04122424)
670930.51	4104295.97	32.90026c	(04122424)	670953.23	4104303.85	31.08373c	(04122424)
670975.96	4104311.72	28.83349c	(04122424)	670998.69	4104319.59	26.30023c	(04122424)
671021.42	4104327.47	23.63853c	(04122424)	671044.14	4104335.34	20.98324c	(04122424)
671066.87	4104343.22	18.44320c	(04122424)	671089.60	4104351.09	17.54391c	(07120408)
671112.33	4104358.96	17.49910c	(07120408)	670477.62	4104217.50	26.83099c	(05010524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670461.11	4104202.02	24.66415c	(05010524)	670444.60	4104186.55	22.49607c	(05010524)
670428.09	4104171.07	20.38349c	(05010524)	670411.58	4104155.59	19.98460	(04012624)
670395.07	4104140.12	19.90022	(04111008)	670362.05	4104109.16	20.28893	(04111008)
670345.54	4104093.69	20.32912	(04111008)	670329.02	4104078.21	20.29224	(04111008)
670312.51	4104062.73	20.20028	(04111008)	670296.00	4104047.26	20.06998	(04111008)
670279.49	4104031.78	19.91353	(04111008)	670262.98	4104016.30	19.73267	(04111008)
670246.95	4103978.20	19.49072	(04111008)	670247.44	4103955.58	19.41920	(04111008)
670247.92	4103932.95	19.31475	(04111008)	670248.40	4103910.33	19.19246	(04111008)
670248.89	4103887.70	19.06290	(04111008)	670249.37	4103865.07	18.93477	(04111008)
670249.85	4103842.45	18.82436	(04111008)	670250.34	4103819.82	18.73319	(04111008)
670250.82	4103797.20	18.66339	(04111008)	670251.31	4103774.57	18.61469	(04111008)
670251.79	4103751.95	18.57845	(04111008)	670252.27	4103729.32	18.54366	(04111008)
670252.76	4103706.70	18.49861	(04111008)	670253.24	4103684.07	18.42955	(04111008)
670494.13	4104232.98	28.92917c	(05010524)	670516.86	4104240.85	31.10592c	(05010524)
670539.59	4104248.72	31.88699c	(05010524)	670562.32	4104256.60	38.67881c	(05010524)
670585.04	4104264.47	47.31285c	(05010524)	670607.77	4104272.35	49.16623c	(05010524)
670630.50	4104280.22	48.61047c	(05010524)	670653.23	4104288.10	44.20107c	(05010524)
670675.95	4104295.97	42.34834c	(05010524)	670698.68	4104303.84	38.92060c	(05010524)
670721.41	4104311.72	34.43276c	(05010524)	670744.13	4104319.59	34.67839c	(04011124)
670766.86	4104327.47	34.51758c	(04011124)	670789.59	4104335.34	32.88428c	(04011124)
670812.32	4104343.22	31.48493c	(04122424)	670835.04	4104351.09	31.58732c	(04122424)
670857.77	4104358.96	31.47976c	(04122424)	670880.50	4104366.84	30.92615c	(04122424)
670903.23	4104374.71	29.90945c	(04122424)	670925.95	4104382.59	28.46898c	(04122424)
670948.68	4104390.46	26.66114c	(04122424)	670971.41	4104398.34	24.59439c	(04122424)
670994.14	4104406.21	22.39137c	(04122424)	671016.86	4104414.08	20.15321c	(04122424)
671039.59	4104421.96	17.87273c	(04122424)	671062.32	4104429.83	16.06342	(08113008)
671085.04	4104437.71	16.17024c	(07120408)	670449.37	4104295.33	27.61897c	(05010524)
670431.89	4104278.94	25.53310c	(05010524)	670414.41	4104262.56	23.39263c	(05010524)
670396.92	4104246.17	21.26455c	(05010524)	670379.44	4104229.78	19.41750	(05022708)
670361.96	4104213.40	18.93515	(04012624)	670344.48	4104197.01	18.97860	(04012624)
670327.00	4104180.62	19.02392	(04111008)	670309.51	4104164.23	19.24818	(04111008)
670292.03	4104147.85	19.36403	(04111008)	670274.55	4104131.46	19.38863	(04111008)
670257.07	4104115.07	19.34840	(04111008)	670239.58	4104098.69	19.26624	(04111008)
670222.10	4104082.30	19.15434	(04111008)	670204.62	4104065.91	19.02128	(04111008)
670187.14	4104049.53	18.87172	(04111008)	670170.17	4104009.18	18.67769	(04111008)
670170.68	4103985.23	18.61689	(04111008)	670171.19	4103961.27	18.52235	(04111008)
670171.70	4103937.31	18.39938	(04111008)	670172.22	4103913.36	18.25857	(04111008)
670172.73	4103889.40	18.10834	(04111008)	670173.24	4103865.44	17.96347	(04111008)
670173.75	4103841.49	17.82730	(04111008)	670174.26	4103817.53	17.70455	(04111008)
670174.78	4103793.58	17.59776	(04111008)	670175.29	4103769.62	17.49816	(04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670175.80	4103745.66	17.40021	(04111008)	670176.31	4103721.71	17.29310	(04111008)
670176.82	4103697.75	17.18424c	(08011008)	670177.34	4103673.79	17.22781c	(08011008)
670177.85	4103649.84	17.25544c	(08011008)	670466.85	4104311.72	29.55448c	(05010524)
670489.58	4104319.59	29.86306c	(05010524)	670512.31	4104327.47	33.79204c	(05010524)
670535.04	4104335.34	43.55260c	(05010524)	670557.76	4104343.21	41.60838c	(05010524)
670580.49	4104351.09	40.44769c	(05010524)	670603.22	4104358.96	37.95937c	(05010524)
670625.94	4104366.84	36.38248c	(05010524)	670648.67	4104374.71	33.75443c	(05010524)
670671.40	4104382.59	30.51860c	(05010524)	670694.13	4104390.46	29.31411c	(04011124)
670716.85	4104398.33	30.22361c	(04011124)	670739.58	4104406.21	30.72005c	(04011124)
670762.31	4104414.08	30.73404c	(04011124)	670785.04	4104421.96	30.05051c	(04011124)
670807.76	4104429.83	29.87906c	(04122424)	670830.49	4104437.71	29.57726c	(04122424)
670853.22	4104445.58	28.90168c	(04122424)	670875.94	4104453.45	27.93451c	(04122424)
670898.67	4104461.33	26.63800c	(04122424)	670921.40	4104469.20	25.06022c	(04122424)
670944.13	4104477.08	23.24226c	(04122424)	670966.85	4104484.95	21.27366c	(04122424)
670989.58	4104492.82	19.24497c	(04122424)	671012.31	4104500.70	17.22975c	(04122424)
671035.04	4104508.57	15.29672c	(04122424)	671057.76	4104516.45	14.81330c	(07120408)
670367.86	4104531.87	27.55609c	(05010524)	670350.72	4104515.80	27.23856c	(05010524)
670333.57	4104499.73	25.79193c	(05010524)	670316.43	4104483.65	24.16407c	(05010524)
670299.28	4104467.58	22.44721c	(05010524)	670282.13	4104451.51	20.71585c	(05010524)
670264.99	4104435.44	19.01714c	(05010524)	670247.84	4104419.37	17.44855	(06020624)
670230.70	4104403.29	17.01304	(06020624)	670213.55	4104387.22	16.42236	(06020624)
670196.40	4104371.15	16.12070	(04012624)	670179.26	4104355.08	16.33612	(04012624)
670162.11	4104339.01	16.41699	(04012624)	670144.96	4104322.93	16.58184	(04111008)
670127.82	4104306.86	16.84312	(04111008)	670110.67	4104290.79	17.01799	(04111008)
670093.53	4104274.72	17.12384	(04111008)	670076.38	4104258.65	17.17052	(04111008)
670059.23	4104242.58	17.17617	(04111008)	670042.09	4104226.50	17.15744	(04111008)
670024.94	4104210.43	17.11866	(04111008)	670007.80	4104194.36	17.07098	(04111008)
669990.65	4104178.29	17.01514	(04111008)	669973.50	4104162.22	16.94519	(04111008)
669956.36	4104146.14	16.85888	(04111008)	669939.71	4104106.58	16.73474	(04111008)
669940.22	4104083.08	16.68804	(04111008)	669940.72	4104059.59	16.60321	(04111008)
669941.22	4104036.09	16.48000	(04111008)	669941.72	4104012.59	16.32202	(04111008)
669942.23	4103989.10	16.13011	(04111008)	669942.73	4103965.60	15.91139	(04111008)
669943.23	4103942.11	15.67211	(04111008)	669943.73	4103918.61	15.41661	(04111008)
669944.24	4103895.12	15.23729c	(08011008)	669944.74	4103871.62	15.67634c	(08011008)
669945.24	4103848.13	16.00157c	(08011008)	669945.74	4103824.63	16.24372c	(08011008)
669946.24	4103801.13	16.42318c	(08011008)	669946.75	4103777.64	16.55617c	(08011008)
669947.25	4103754.14	16.65247c	(08011008)	669947.75	4103730.65	16.71849c	(08011008)
669948.25	4103707.15	16.76144c	(08011008)	669948.76	4103683.66	16.78689c	(08011008)
669949.26	4103660.16	16.80057c	(08011008)	669949.76	4103636.67	16.80420c	(08011008)
669950.26	4103613.17	16.80286c	(08011008)	669950.76	4103589.67	16.79725c	(08011008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
669951.27	4103566.18	16.78916c (08011008)	669951.77	4103542.68	16.78002c (08011008)
670385.01	4104547.94	31.19632c (05010524)	670407.74	4104555.82	36.63552c (05010524)
670430.46	4104563.69	33.23346c (05010524)	670453.19	4104571.56	31.81478c (05010524)
670475.92	4104579.44	29.50354c (05010524)	670498.65	4104587.31	27.15199c (05010524)
670521.37	4104595.19	24.89531c (05010524)	670544.10	4104603.06	22.57592c (05010524)
670566.83	4104610.94	21.51757c (04011124)	670589.56	4104618.81	22.75221c (04011124)
670612.28	4104626.68	23.60784c (04011124)	670635.01	4104634.56	23.91822c (04011124)
670657.74	4104642.43	23.78244c (04011124)	670680.46	4104650.31	23.39027c (04011124)
670703.19	4104658.18	22.77684c (04011124)	670725.92	4104666.05	22.61995c (04122424)
670748.65	4104673.93	22.66176c (04122424)	670771.37	4104681.80	22.45783c (04122424)
670794.10	4104689.68	22.06251c (04122424)	670816.83	4104697.55	21.44404c (04122424)
670839.56	4104705.43	20.58520c (04122424)	670862.28	4104713.30	19.50815c (04122424)
670885.01	4104721.17	18.26716c (04122424)	670907.74	4104729.05	16.89329c (04122424)
670930.47	4104736.92	15.45078c (04122424)	670953.19	4104744.80	14.01564c (04122424)
670975.92	4104752.67	12.60233c (04122424)	670285.68	4104767.78	27.61008c (05010524)
670268.20	4104751.39	30.97178c (05010524)	670250.72	4104735.00	26.54993c (05010524)
670233.24	4104718.62	24.75773c (05010524)	670215.76	4104702.23	23.82050c (05010524)
670198.27	4104685.84	22.46413c (05010524)	670180.79	4104669.46	20.99058c (05010524)
670163.31	4104653.07	19.48010c (05010524)	670145.83	4104636.68	17.98783c (05010524)
670128.34	4104620.29	16.55622 (06020624)	670110.86	4104603.91	16.48534 (06020624)
670093.38	4104587.52	16.20338 (06020624)	670075.90	4104571.13	15.74430 (06020624)
670058.41	4104554.75	15.14328 (06020624)	670040.93	4104538.36	14.43230 (06020624)
670023.45	4104521.97	13.90651 (04012624)	670005.97	4104505.59	14.18043 (04012624)
669988.49	4104489.20	14.36125 (04012624)	669971.00	4104472.81	14.62205 (04111008)
669953.52	4104456.42	14.94601 (04111008)	669936.04	4104440.04	15.20260 (04111008)
669918.56	4104423.65	15.39233 (04111008)	669901.07	4104407.26	15.52785 (04111008)
669883.59	4104390.88	15.61635 (04111008)	669866.11	4104374.49	15.66404 (04111008)
669848.63	4104358.10	15.68143 (04111008)	669831.15	4104341.72	15.67734 (04111008)
669813.66	4104325.33	15.65410 (04111008)	669796.18	4104308.94	15.61684 (04111008)
669778.70	4104292.55	15.56525 (04111008)	669761.22	4104276.17	15.49572 (04111008)
669743.73	4104259.78	15.40248 (04111008)	669726.25	4104243.39	15.28066 (04111008)
669709.28	4104203.05	15.05844 (04111008)	669709.79	4104179.09	14.95867 (04111008)
669710.31	4104155.14	14.82019 (04111008)	669710.82	4104131.18	14.64076 (04111008)
669711.33	4104107.23	14.42305 (04111008)	669711.84	4104083.27	14.16662 (04111008)
669712.35	4104059.31	13.87904 (04111008)	669712.87	4104035.36	13.56098 (04111008)
669713.38	4104011.40	13.21707 (04111008)	669713.89	4103987.44	13.49054c (08011008)
669714.40	4103963.49	14.15007c (08011008)	669714.92	4103939.53	14.66216c (08011008)
669715.43	4103915.58	15.05368c (08011008)	669715.94	4103891.62	15.35230c (08011008)
669716.45	4103867.66	15.57952c (08011008)	669716.96	4103843.71	15.75384c (08011008)
669717.48	4103819.75	15.88660c (08011008)	669717.99	4103795.79	15.98761c (08011008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
669718.50	4103771.84	16.06042c (08011008)	669719.01	4103747.88	16.11183c (08011008)
669719.52	4103723.93	16.14521c (08011008)	669720.04	4103699.97	16.16533c (08011008)
669720.55	4103676.01	16.17403c (08011008)	669721.06	4103652.06	16.17407c (08011008)
669721.57	4103628.10	16.16990c (08011008)	669722.09	4103604.14	16.16069c (08011008)
669722.60	4103580.19	16.14975c (08011008)	669723.11	4103556.23	16.13661c (08011008)
669723.62	4103532.28	16.12291c (08011008)	669724.13	4103508.32	16.10836c (08011008)
669724.65	4103484.36	16.09308c (08011008)	669725.16	4103460.41	16.07795c (08011008)
669725.67	4103436.45	16.06240c (08011008)	670303.17	4104784.16	26.80690c (05010524)
670325.89	4104792.04	25.58414c (05010524)	670348.62	4104799.91	24.81222c (05010524)
670371.35	4104807.79	23.72972c (05010524)	670394.08	4104815.66	22.19971c (05010524)
670416.80	4104823.54	20.25004c (05010524)	670439.53	4104831.41	18.35552c (04011124)
670462.26	4104839.28	19.38836c (04011124)	670484.98	4104847.16	20.16318c (04011124)
670507.71	4104855.03	20.70742c (04011124)	670530.44	4104862.91	20.76546c (04011124)
670553.17	4104870.78	20.17727c (04011124)	670575.89	4104878.66	19.75465c (04011124)
670598.62	4104886.53	19.62203c (04011124)	670621.35	4104894.40	19.84093c (04011124)
670644.08	4104902.28	19.65350c (04122424)	670666.80	4104910.15	19.92262c (04122424)
670689.53	4104918.03	20.34271c (04122424)	670712.26	4104925.90	20.47155c (04122424)
670734.99	4104933.78	20.31956c (04122424)	670757.71	4104941.65	19.78359c (04122424)
670780.44	4104949.52	19.06179c (04122424)	670803.17	4104957.40	18.35547c (04122424)
670825.89	4104965.27	17.52349c (04122424)	670848.62	4104973.15	16.17792c (04122424)
670871.35	4104981.02	14.40897c (04122424)	670894.08	4104988.89	12.75304c (04122424)
670122.00	4105240.23	16.17208c (05010524)	670104.52	4105223.84	16.99524c (05010524)
670087.03	4105207.45	17.76425c (05010524)	670069.55	4105191.06	18.42584c (05010524)
670052.07	4105174.68	18.93987c (05010524)	670034.59	4105158.29	19.23718c (05010524)
670017.10	4105141.90	19.33154c (05010524)	669999.62	4105125.52	19.27326c (05010524)
669982.14	4105109.13	19.08414c (05010524)	669964.66	4105092.74	18.78739c (05010524)
669947.17	4105076.36	18.38243c (05010524)	669929.69	4105059.97	18.01495c (05010524)
669912.21	4105043.58	17.67543c (05010524)	669894.73	4105027.19	16.97336c (05010524)
669877.25	4105010.81	15.64238c (05010524)	669859.76	4104994.42	13.86426 (06020624)
669842.28	4104978.03	14.10819 (06020624)	669824.80	4104961.65	14.34101 (06020624)
669807.32	4104945.26	14.22289 (06020624)	669789.83	4104928.87	13.94869 (06020624)
669772.35	4104912.49	13.53888 (06020624)	669754.87	4104896.10	13.01590 (06020624)
669737.39	4104879.71	12.40338 (06020624)	669719.91	4104863.32	11.72259 (06020624)
669702.42	4104846.94	11.01525 (05030308)	669684.94	4104830.55	10.77654 (05030308)
669667.46	4104814.16	10.91806 (04012624)	669649.98	4104797.78	11.25710 (04111008)
669632.49	4104781.39	11.69307 (04111008)	669615.01	4104765.00	12.09525 (04111008)
669597.53	4104748.61	12.45526 (04111008)	669580.05	4104732.23	12.77041 (04111008)
669562.57	4104715.84	13.03990 (04111008)	669545.08	4104699.45	13.26431 (04111008)
669527.60	4104683.07	13.44763 (04111008)	669510.12	4104666.68	13.58797 (04111008)
669492.64	4104650.29	13.69011 (04111008)	669475.15	4104633.91	13.75118 (04111008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669457.67	4104617.52	13.77919	(04111008)	669440.19	4104601.13	13.76948	(04111008)
669422.71	4104584.74	13.72909	(04111008)	669405.22	4104568.36	13.65657	(04111008)
669387.74	4104551.97	13.55200	(04111008)	669370.26	4104535.58	13.42114	(04111008)
669352.78	4104519.20	13.26313	(04111008)	669335.30	4104502.81	13.07661	(04111008)
669317.81	4104486.42	12.86603	(04111008)	669300.33	4104470.04	12.63095	(04111008)
669282.85	4104453.65	12.36644	(04111008)	669265.37	4104437.26	12.07824	(04111008)
669248.40	4104396.92	11.55886	(04111008)	669248.91	4104372.96	11.33586	(04111008)
669249.42	4104349.01	11.09128	(04111008)	669249.93	4104325.05	10.82354	(04111008)
669250.45	4104301.09	10.53780	(04111008)	669250.96	4104277.14	10.22791	(04111008)
669251.47	4104253.18	9.90105	(04111008)	669251.98	4104229.22	9.64309	(05123008)
669252.49	4104205.27	9.67096	(05123008)	669253.01	4104181.31	9.67952	(05123008)
669253.52	4104157.36	10.20586c	(08011008)	669254.03	4104133.40	11.03271c	(08011008)
669254.54	4104109.44	11.75628c	(08011008)	669255.05	4104085.49	12.37104c	(08011008)
669255.57	4104061.53	12.88163c	(08011008)	669256.08	4104037.57	13.29622c	(08011008)
669256.59	4104013.62	13.62957c	(08011008)	669257.10	4103989.66	13.89454c	(08011008)
669257.62	4103965.71	14.10762c	(08011008)	669258.13	4103941.75	14.27811c	(08011008)
669258.64	4103917.79	14.41527c	(08011008)	669259.15	4103893.84	14.52662c	(08011008)
669259.66	4103869.88	14.61524c	(08011008)	669260.18	4103845.93	14.68517c	(08011008)
669260.69	4103821.97	14.74014c	(08011008)	669261.20	4103798.01	14.78121c	(08011008)
669261.71	4103774.06	14.81008c	(08011008)	669262.22	4103750.10	14.82971c	(08011008)
669262.74	4103726.14	14.84112c	(08011008)	669263.25	4103702.19	14.84555c	(08011008)
669263.76	4103678.23	14.84473c	(08011008)	669264.27	4103654.28	14.83954c	(08011008)
669264.79	4103630.32	14.83169c	(08011008)	669265.30	4103606.36	14.82128c	(08011008)
669265.81	4103582.41	14.80900c	(08011008)	669266.32	4103558.45	14.79626c	(08011008)
669266.83	4103534.49	14.78152c	(08011008)	669267.35	4103510.54	14.76709c	(08011008)
669267.86	4103486.58	14.75277c	(08011008)	669268.37	4103462.63	14.73689c	(08011008)
669268.88	4103438.67	14.72029c	(08011008)	669269.39	4103414.71	14.70344c	(08011008)
669269.91	4103390.76	14.68482c	(08011008)	669270.42	4103366.80	14.66545c	(08011008)
669270.93	4103342.84	14.64259c	(08011008)	669271.44	4103318.89	14.61805c	(08011008)
669271.96	4103294.93	14.58840c	(08011008)	669272.47	4103270.98	14.55342c	(08011008)
669272.98	4103247.02	14.51256c	(08011008)	669273.49	4103223.06	14.46179c	(08011008)
670139.48	4105256.61	15.26718c	(05010524)	670162.21	4105264.49	14.36676c	(05010524)
670184.93	4105272.36	13.42156c	(05010524)	670207.66	4105280.24	13.53718c	(04011124)
670230.39	4105288.11	14.46120c	(04011124)	670253.12	4105295.98	15.21033c	(04011124)
670275.84	4105303.86	15.78282c	(04011124)	670298.57	4105311.73	16.23388c	(04011124)
670321.30	4105319.61	16.49966c	(04011124)	670344.03	4105327.48	16.58876c	(04011124)
670366.75	4105335.35	16.53463c	(04011124)	670389.48	4105343.23	16.25914c	(04011124)
670412.21	4105351.10	15.83074c	(04011124)	670434.93	4105358.98	15.36684c	(04011124)
670457.66	4105366.85	14.87046c	(04011124)	670480.39	4105374.73	14.85822	(04121624)
670503.12	4105382.60	14.75657	(04121624)	670525.84	4105390.47	14.60717	(04121624)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670548.57	4105398.35	14.61854	(04121624)	670571.30	4105406.22	14.70547c	(04122424)
670594.03	4105414.10	14.56882c	(04122424)	670616.75	4105421.97	14.29122c	(04122424)
670639.48	4105429.85	13.87546c	(04122424)	670662.21	4105437.72	13.26955c	(04122424)
670684.93	4105445.59	12.47844c	(04122424)	670707.66	4105453.47	11.58804c	(04122424)
670730.39	4105461.34	10.60664c	(04122424)	669958.31	4105712.67	9.91276c	(04011124)
669940.83	4105696.29	10.73659c	(05010524)	669923.35	4105679.90	11.67813c	(05010524)
669905.86	4105663.51	12.54895c	(05010524)	669888.38	4105647.12	13.32540c	(05010524)
669870.90	4105630.74	13.99221c	(05010524)	669853.42	4105614.35	14.59575c	(05010524)
669835.93	4105597.96	15.11190c	(05010524)	669818.45	4105581.58	15.51889c	(05010524)
669800.97	4105565.19	15.81661c	(05010524)	669783.49	4105548.80	15.99337c	(05010524)
669766.01	4105532.42	16.05252c	(05010524)	669748.52	4105516.03	16.00707c	(05010524)
669731.04	4105499.64	15.90733c	(05010524)	669713.56	4105483.25	15.71983c	(05010524)
669696.08	4105466.87	15.42569c	(05010524)	669678.59	4105450.48	15.10695c	(05010524)
669661.11	4105434.09	15.59347c	(05010524)	669643.63	4105417.71	14.24026c	(05010524)
669626.15	4105401.32	12.39316c	(05010524)	669608.67	4105384.93	10.36642c	(05010524)
669591.18	4105368.55	10.12734	(06020624)	669573.70	4105352.16	10.30348	(06020624)
669556.22	4105335.77	10.85871	(06020624)	669538.74	4105319.38	11.64741	(06020624)
669521.25	4105303.00	12.16080	(06020624)	669503.77	4105286.61	12.14945	(06020624)
669486.29	4105270.22	11.90580	(06020624)	669468.81	4105253.84	11.55230	(06020624)
669451.33	4105237.45	11.11219	(06020624)	669433.84	4105221.06	10.60109	(06020624)
669416.36	4105204.68	10.49969	(05030308)	669398.88	4105188.29	10.39367	(05030308)
669381.40	4105171.90	10.21944	(05030308)	669363.91	4105155.51	9.98012	(05030308)
669346.43	4105139.13	9.68699	(05030308)	669328.95	4105122.74	9.34811	(05030308)
669311.47	4105106.35	9.32924	(04111008)	669293.98	4105089.97	9.76898	(04111008)
669276.50	4105073.58	10.19013	(04111008)	669259.02	4105057.19	10.58301	(04111008)
669241.54	4105040.81	10.94490	(04111008)	669224.06	4105024.42	11.27010	(04111008)
669206.57	4105008.03	11.55787	(04111008)	669189.09	4104991.64	11.80542	(04111008)
669171.61	4104975.26	12.01372	(04111008)	669154.13	4104958.87	12.18377	(04111008)
669136.64	4104942.48	12.31534	(04111008)	669119.16	4104926.10	12.40988	(04111008)
669101.68	4104909.71	12.46438	(04111008)	669084.20	4104893.32	12.48096	(04111008)
669066.72	4104876.94	12.46127	(04111008)	669049.23	4104860.55	12.40413	(04111008)
669031.75	4104844.16	12.30891	(04111008)	669014.27	4104827.77	12.17909	(04111008)
668996.79	4104811.39	12.01691	(04111008)	668979.30	4104795.00	11.82337	(04111008)
668961.82	4104778.61	11.59849	(04111008)	668944.34	4104762.23	11.34884	(04111008)
668926.86	4104745.84	11.07564	(04111008)	668909.38	4104729.45	10.78302	(04111008)
668891.89	4104713.07	10.47289	(04111008)	668874.41	4104696.68	10.14922	(04111008)
668856.93	4104680.29	9.81318	(04111008)	668839.45	4104663.90	9.46908	(04111008)
668821.96	4104647.52	9.11848	(04111008)	668804.48	4104631.13	8.76364	(04111008)
668787.51	4104590.79	8.16864	(04111008)	668788.02	4104566.83	7.92653	(04111008)
668788.54	4104542.87	7.70430	(05123008)	668789.05	4104518.92	7.83452	(05123008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
668789.56	4104494.96	7.94883 (05123008)	668790.07	4104471.01	8.04852 (05123008)
668790.58	4104447.05	8.13371 (05123008)	668791.10	4104423.09	8.20480 (05123008)
668791.61	4104399.14	8.25994 (05123008)	668792.12	4104375.18	8.29954 (05123008)
668792.63	4104351.22	8.32347 (05123008)	668793.15	4104327.27	8.33227 (05123008)
668793.66	4104303.31	8.32591 (05123008)	668794.17	4104279.36	9.01458c (08011008)
668794.68	4104255.40	9.70026c (08011008)	668795.19	4104231.44	10.32178c (08011008)
668795.71	4104207.49	10.87091c (08011008)	668796.22	4104183.53	11.34671c (08011008)
668796.73	4104159.57	11.75340c (08011008)	668797.24	4104135.62	12.09220c (08011008)
668797.75	4104111.66	12.37497c (08011008)	668798.27	4104087.71	12.60764c (08011008)
668798.78	4104063.75	12.80070c (08011008)	668799.29	4104039.79	12.96086c (08011008)
668799.80	4104015.84	13.09362c (08011008)	668800.32	4103991.88	13.20454c (08011008)
668800.83	4103967.92	13.29853c (08011008)	668801.34	4103943.97	13.37557c (08011008)
668801.85	4103920.01	13.44101c (08011008)	668802.36	4103896.06	13.49495c (08011008)
668802.88	4103872.10	13.53812c (08011008)	668803.39	4103848.14	13.57277c (08011008)
668803.90	4103824.19	13.59884c (08011008)	668804.41	4103800.23	13.61763c (08011008)
668804.92	4103776.27	13.63019c (08011008)	668805.44	4103752.32	13.63816c (08011008)
668805.95	4103728.36	13.64148c (08011008)	668806.46	4103704.41	13.64095c (08011008)
668806.97	4103680.45	13.63665c (08011008)	668807.48	4103656.49	13.63079c (08011008)
668808.00	4103632.54	13.62090c (08011008)	668808.51	4103608.58	13.61086c (08011008)
668809.02	4103584.62	13.59743c (08011008)	668809.53	4103560.67	13.58332c (08011008)
668810.05	4103536.71	13.56581c (08011008)	668810.56	4103512.76	13.54636c (08011008)
668811.07	4103488.80	13.52407c (08011008)	668811.58	4103464.84	13.49725c (08011008)
668812.09	4103440.89	13.46528c (08011008)	668812.61	4103416.93	13.42778c (08011008)
668813.12	4103392.97	13.38286c (08011008)	668813.63	4103369.02	13.32869c (08011008)
668814.14	4103345.06	13.26377c (08011008)	668814.65	4103321.11	13.18578c (08011008)
668815.17	4103297.15	13.09392c (08011008)	668815.68	4103273.19	12.98285c (08011008)
668816.19	4103249.24	12.85124c (08011008)	668816.70	4103225.28	12.69595c (08011008)
668817.22	4103201.33	12.51479c (08011008)	668817.73	4103177.37	12.30369c (08011008)
668818.24	4103153.41	12.05885c (08011008)	668818.75	4103129.46	11.77746c (08011008)
668819.26	4103105.50	11.45738c (08011008)	668819.78	4103081.54	11.09673c (08011008)
668820.29	4103057.59	10.69441c (08011008)	668820.80	4103033.63	10.24885c (08011008)
668821.31	4103009.68	9.76287c (08011008)	669975.79	4105729.06	10.44779c (04011124)
669998.52	4105736.93	10.99166c (04011124)	670021.25	4105744.81	12.57528c (04011124)
670043.97	4105752.68	13.65251c (04011124)	670066.70	4105760.56	14.27203c (04011124)
670089.43	4105768.43	14.06866c (04011124)	670112.16	4105776.31	12.43676c (04011124)
670134.88	4105784.18	11.89197c (04011124)	670157.61	4105792.05	12.81852c (04011124)
670180.34	4105799.93	14.03536c (04011124)	670203.07	4105807.80	15.20009c (04011124)
670225.79	4105815.68	15.33948c (04011124)	670248.52	4105823.55	14.79482c (04011124)
670271.25	4105831.42	14.40181 (04121624)	670293.98	4105839.30	13.24215 (04121624)
670316.70	4105847.17	13.33493 (04121624)	670339.43	4105855.05	13.23021 (04121624)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670362.16	4105862.92	12.93492	(04121624)	670384.88	4105870.80	12.50539	(04121624)
670407.61	4105878.67	11.93898	(04121624)	670430.34	4105886.54	11.44173c	(04122424)
670453.07	4105894.42	11.16122c	(04122424)	670475.79	4105902.29	10.89822c	(04122424)
670498.52	4105910.17	10.64922c	(04122424)	670521.25	4105918.04	10.35659c	(04122424)
670543.98	4105925.92	10.04069c	(04122424)	670566.70	4105933.79	9.66260c	(04122424)
671243.44	4104055.89	32.36848c	(08122808)	671255.31	4104033.93	33.65791c	(08122808)
671267.18	4104011.97	34.76272c	(08122808)	671279.05	4103990.02	35.91578	(05030324)
671290.91	4103968.06	37.18295	(05030324)	671302.78	4103946.10	37.97071	(05030324)
671314.65	4103924.14	38.35565	(05030324)	671326.51	4103902.19	38.48082	(05030324)
671338.38	4103880.23	38.48237	(05030324)	671350.25	4103858.27	38.45040	(05030324)
671362.12	4103836.31	38.40854	(05030324)	671373.98	4103814.36	38.35490	(05030324)
671385.85	4103792.40	38.30174	(05030324)	671397.72	4103770.44	38.25304	(05030324)
671409.59	4103748.49	39.11996	(05011924)	671421.45	4103726.53	39.87686	(05011924)
671433.32	4103704.57	40.37639	(05011924)	671445.19	4103682.61	40.66382	(05011924)
671457.05	4103660.66	40.79024	(05011924)	671468.92	4103638.70	40.79788	(05011924)
671480.79	4103616.74	40.72427	(05011924)	671492.66	4103594.79	40.59286	(05011924)
671504.52	4103572.83	40.42495	(05011924)	671516.39	4103550.87	40.23519	(05011924)
671528.26	4103528.91	40.02760	(05011924)	671540.13	4103506.96	39.81026	(05011924)
671551.99	4103485.00	39.59082	(05011924)	671563.86	4103463.04	39.36595	(05011924)
671575.73	4103441.09	39.13947	(05011924)	671587.60	4103419.13	38.96905c	(08011824)
671599.46	4103397.17	38.92537c	(08011824)	671611.33	4103375.21	38.87928c	(08011824)
671623.20	4103353.26	38.83393c	(08011824)	671635.06	4103331.30	38.78776c	(08011824)
671646.93	4103309.34	38.74011c	(08011824)	671658.80	4103287.39	38.69419c	(08011824)
671670.67	4103265.43	38.65548c	(08011824)	671682.53	4103243.47	38.60944c	(08011824)
671694.40	4103221.51	38.56420c	(08011824)	671706.27	4103199.56	38.51768c	(08011824)
671718.14	4103177.60	38.47525	(05012008)	671730.00	4103155.64	38.43354	(05012008)
671741.87	4103133.68	38.39012	(05012008)	671753.74	4103111.73	38.34601	(05012008)
671765.60	4103089.77	38.30314	(05012008)	671777.47	4103067.81	38.25967	(05012008)
671789.34	4103045.86	38.21637	(05012008)	671801.21	4103023.90	38.21676	(07011508)
671813.07	4103001.94	38.23273	(07011508)	671824.94	4102979.98	38.24631c	(04010524)
671836.81	4102958.03	38.26569c	(04010524)	671848.68	4102936.07	38.28132c	(04010524)
671860.54	4102914.11	38.28491c	(04010524)	671872.41	4102892.16	38.27977c	(04010524)
671884.28	4102870.20	38.27719c	(04010524)	671896.14	4102848.24	38.29183c	(04010524)
671908.01	4102826.28	38.32421c	(04010524)	671919.88	4102804.33	38.34846c	(04010524)
671931.75	4102782.37	38.36475c	(04010524)	671943.61	4102760.41	38.37297c	(04010524)
671955.48	4102738.46	38.37577c	(04010524)	671967.35	4102716.50	38.38155c	(04010524)
671979.22	4102694.54	38.39312c	(04010524)	671991.08	4102672.58	38.46858	(04121024)
672002.95	4102650.63	38.58526	(04121024)	672014.82	4102628.67	38.70098	(04121024)
672026.69	4102606.71	38.80754	(04121024)	672038.55	4102584.76	38.94058	(04121024)
672050.42	4102562.80	39.06563	(04121024)	672062.29	4102540.84	39.16329	(04121024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672074.15	4102518.88	39.23914	(04121024)	672086.02	4102496.93	39.30055	(04121024)
672097.89	4102474.97	39.36696	(04121024)	672109.76	4102453.01	39.43581	(04121024)
672121.62	4102431.05	39.50519	(04121024)	672133.49	4102409.10	39.56810	(04121024)
672145.36	4102387.14	39.66295	(04121024)	672157.23	4102365.18	39.77481	(04121024)
672169.09	4102343.23	39.89421	(04121024)	672180.96	4102321.27	40.01409	(04121024)
672192.83	4102299.31	40.11834	(04121024)	672204.69	4102277.35	40.18120	(04121024)
672216.56	4102255.40	40.17632	(04121024)	672228.43	4102233.44	40.07911	(04121024)
672240.30	4102211.48	39.84644	(04121024)	672252.16	4102189.53	39.45994	(04121024)
672264.03	4102167.57	38.90894	(04121024)	672275.90	4102145.61	38.15940	(04121024)
672287.77	4102123.65	37.18463	(04121024)	672299.63	4102101.70	36.03291	(04121024)
671252.50	4104079.19	30.75866c	(08122808)	671277.30	4104045.82	32.34328c	(08122808)
671289.17	4104023.86	33.30067	(05030324)	671301.04	4104001.90	34.66911	(05030324)
671312.91	4103979.94	35.65548	(05030324)	671324.77	4103957.99	36.25061	(05030324)
671336.64	4103936.03	36.53546	(05030324)	671348.51	4103914.07	36.63719	(05030324)
671360.37	4103892.12	36.63611	(05030324)	671372.24	4103870.16	36.60945	(05030324)
671384.11	4103848.20	36.56704	(05030324)	671395.98	4103826.24	36.52471	(05030324)
671407.84	4103804.29	36.48587	(05030324)	671419.71	4103782.33	36.44804	(05030324)
671431.58	4103760.37	36.41177	(05030324)	671443.45	4103738.42	36.92401	(05012008)
671455.31	4103716.46	37.37767	(05011924)	671467.18	4103694.50	37.75109	(05011924)
671479.05	4103672.54	37.95786	(05011924)	671490.92	4103650.59	38.03453	(05011924)
671502.78	4103628.63	38.02150	(05011924)	671514.65	4103606.67	37.94192	(05011924)
671526.52	4103584.72	37.81621	(05011924)	671538.38	4103562.76	37.66253	(05011924)
671550.25	4103540.80	37.48889	(05011924)	671562.12	4103518.84	37.32828c	(08011824)
671573.99	4103496.89	37.29944c	(08011824)	671585.85	4103474.93	37.26723c	(08011824)
671597.72	4103452.97	37.23374c	(08011824)	671609.59	4103431.02	37.19645c	(08011824)
671621.46	4103409.06	37.16030c	(08011824)	671633.32	4103387.10	37.12267c	(08011824)
671645.19	4103365.14	37.08405c	(08011824)	671657.06	4103343.19	37.05136c	(08011824)
671668.92	4103321.23	37.00844c	(08011824)	671680.79	4103299.27	36.96644c	(08011824)
671692.66	4103277.31	36.92273c	(08011824)	671704.53	4103255.36	36.88113c	(08011824)
671716.39	4103233.40	36.84283c	(08011824)	671728.26	4103211.44	36.80619c	(08011824)
671740.13	4103189.49	36.76161c	(08011824)	671752.00	4103167.53	36.70685c	(08011824)
671763.86	4103145.57	36.66588	(05012008)	671775.73	4103123.61	36.62930	(05012008)
671787.60	4103101.66	36.59276	(05012008)	671799.47	4103079.70	36.55678	(05012008)
671811.33	4103057.74	36.52149	(05012008)	671823.20	4103035.79	36.48574	(05012008)
671835.07	4103013.83	36.45035	(05012008)	671846.93	4102991.87	36.42556	(07011508)
671858.80	4102969.91	36.44581	(07011508)	671870.67	4102947.96	36.46738c	(04010524)
671882.54	4102926.00	36.48967c	(04010524)	671894.40	4102904.04	36.50463c	(04010524)
671906.27	4102882.09	36.52391c	(04010524)	671918.14	4102860.13	36.55745c	(04010524)
671930.01	4102838.17	36.58899c	(04010524)	671941.87	4102816.21	36.61602c	(04010524)
671953.74	4102794.26	36.64691c	(04010524)	671965.61	4102772.30	36.67545c	(04010524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671977.47	4102750.34	36.69864c	(04010524)	671989.34	4102728.38	36.72357c	(04010524)
672001.21	4102706.43	36.75143c	(04010524)	672013.08	4102684.47	36.78498c	(04010524)
672024.94	4102662.51	36.83080c	(04010524)	672036.81	4102640.56	36.89653c	(04010524)
672048.68	4102618.60	36.99924	(04121024)	672060.55	4102596.64	37.14775	(04121024)
672072.41	4102574.68	37.28106	(04121024)	672084.28	4102552.73	37.39653	(04121024)
672096.15	4102530.77	37.45070	(04121024)	672108.02	4102508.81	37.49930	(04121024)
672119.88	4102486.86	37.58222	(04121024)	672131.75	4102464.90	37.68825	(04121024)
672143.62	4102442.94	37.76444	(04121024)	672155.48	4102420.98	37.84667	(04121024)
672167.35	4102399.03	37.93563	(04121024)	672179.22	4102377.07	38.04040	(04121024)
672191.09	4102355.11	38.15701	(04121024)	672202.95	4102333.16	38.27616	(04121024)
672214.82	4102311.20	38.39133	(04121024)	672226.69	4102289.24	38.47744	(04121024)
672238.56	4102267.28	38.51321	(04121024)	672250.42	4102245.33	38.48164	(04121024)
672262.29	4102223.37	38.36628	(04121024)	672274.16	4102201.41	38.11343	(04121024)
672286.02	4102179.46	37.67658	(04121024)	672297.89	4102157.50	37.04814	(04121024)
672309.76	4102135.54	36.27433	(04121024)	672321.63	4102113.58	35.34932	(04121024)
671274.50	4104091.07	29.81955c	(08122808)	671231.39	4104114.22	28.66277c	(08122808)
671299.30	4104057.70	31.08864c	(08122808)	671311.16	4104035.75	32.37198	(05030324)
671323.03	4104013.79	33.47865	(05030324)	671334.90	4103991.83	34.25606	(05030324)
671346.77	4103969.87	34.71524	(05030324)	671358.63	4103947.92	34.93424	(05030324)
671370.50	4103925.96	35.00604	(05030324)	671382.37	4103904.00	35.00414	(05030324)
671394.24	4103882.05	34.97454	(05030324)	671406.10	4103860.09	34.94317	(05030324)
671417.97	4103838.13	34.90988	(05030324)	671429.84	4103816.17	34.87953	(05030324)
671441.70	4103794.22	34.85279	(05030324)	671453.57	4103772.26	34.82537	(05030324)
671465.44	4103750.30	35.02054	(05012008)	671477.31	4103728.35	35.38678	(05012008)
671489.17	4103706.39	35.59786	(05012008)	671501.04	4103684.43	35.70716	(05012008)
671512.91	4103662.47	35.75476	(05012008)	671524.78	4103640.52	35.76580	(05012008)
671536.64	4103618.56	35.75664	(05012008)	671548.51	4103596.60	35.73547	(05012008)
671560.38	4103574.65	35.72024c	(08011824)	671572.25	4103552.69	35.72238c	(08011824)
671584.11	4103530.73	35.71299c	(08011824)	671595.98	4103508.77	35.69494c	(08011824)
671607.85	4103486.82	35.67057c	(08011824)	671619.71	4103464.86	35.64544c	(08011824)
671631.58	4103442.90	35.61510c	(08011824)	671643.45	4103420.94	35.59340c	(08011824)
671655.32	4103398.99	35.56009c	(08011824)	671667.18	4103377.03	35.52751c	(08011824)
671679.05	4103355.07	35.49293c	(08011824)	671690.92	4103333.12	35.45475c	(08011824)
671702.79	4103311.16	35.41449c	(08011824)	671714.65	4103289.20	35.37327c	(08011824)
671726.52	4103267.24	35.33171c	(08011824)	671738.39	4103245.29	35.29016c	(08011824)
671750.25	4103223.33	35.24989c	(08011824)	671762.12	4103201.37	35.20364c	(08011824)
671773.99	4103179.42	35.14848c	(08011824)	671785.86	4103157.46	35.11512	(05012008)
671797.72	4103135.50	35.08965	(05012008)	671809.59	4103113.54	35.06313	(05012008)
671821.46	4103091.59	35.03428	(05012008)	671833.33	4103069.63	35.00510	(05012008)
671845.19	4103047.67	34.97643	(05012008)	671857.06	4103025.72	34.94699	(05012008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671868.93	4103003.76	34.91802	(05012008)	671880.79	4102981.80	34.88980	(05012008)
671892.66	4102959.84	34.86092	(05012008)	671904.53	4102937.89	34.87475	(07011508)
671916.40	4102915.93	34.90458c	(04010524)	671928.26	4102893.97	34.94094c	(04010524)
671940.13	4102872.01	34.98249c	(04010524)	671952.00	4102850.06	35.01630c	(04010524)
671963.87	4102828.10	35.05924c	(04010524)	671975.73	4102806.14	35.10308c	(04010524)
671987.60	4102784.19	35.14358c	(04010524)	671999.47	4102762.23	35.18487c	(04010524)
672011.34	4102740.27	35.22585c	(04010524)	672023.20	4102718.31	35.26976c	(04010524)
672035.07	4102696.36	35.31665c	(04010524)	672046.94	4102674.40	35.39153c	(04010524)
672058.80	4102652.44	35.59866c	(04010524)	672070.67	4102630.49	35.73881c	(04010524)
672082.54	4102608.53	35.74360c	(04010524)	672094.41	4102586.57	35.74321c	(04010524)
672106.27	4102564.61	35.79729	(04121024)	672118.14	4102542.66	35.86446	(04121024)
672130.01	4102520.70	35.89745	(04121024)	672141.88	4102498.74	35.95597	(04121024)
672153.74	4102476.79	36.06229	(04121024)	672165.61	4102454.83	36.13159	(04121024)
672177.48	4102432.87	36.19746	(04121024)	672189.34	4102410.91	36.28647	(04121024)
672201.21	4102388.96	36.43765	(04121024)	672213.08	4102367.00	36.56871	(04121024)
672224.95	4102345.04	36.68623	(04121024)	672236.81	4102323.09	36.80051	(04121024)
672248.68	4102301.13	36.89939	(04121024)	672260.55	4102279.17	36.96347	(04121024)
672272.42	4102257.21	36.98569	(04121024)	672284.28	4102235.26	36.95373	(04121024)
672296.15	4102213.30	36.79587	(04121024)	672308.02	4102191.34	36.41844	(04121024)
672319.89	4102169.38	35.89233	(04121024)	672331.75	4102147.43	35.30145	(04121024)
672343.62	4102125.47	34.57873	(04121024)	671292.18	4104106.77	28.76103c	(08122808)
671274.94	4104121.98	28.17028c	(08122808)	671234.70	4104137.63	27.34658c	(08122808)
671211.71	4104138.06	27.10634c	(08122808)	671309.42	4104091.55	29.18750c	(08122808)
671321.29	4104069.59	30.28922	(05030324)	671333.16	4104047.63	31.46094	(05030324)
671345.02	4104025.68	32.35936	(05030324)	671356.89	4104003.72	32.97455	(05030324)
671368.76	4103981.76	33.32889	(05030324)	671380.63	4103959.80	33.49764	(05030324)
671392.49	4103937.85	33.55211	(05030324)	671404.36	4103915.89	33.54751	(05030324)
671416.23	4103893.93	33.52627	(05030324)	671428.10	4103871.98	33.49910	(05030324)
671439.96	4103850.02	33.47711	(05030324)	671451.83	4103828.06	33.45490	(05030324)
671463.70	4103806.10	33.43087	(05030324)	671475.57	4103784.15	33.40401	(05030324)
671487.43	4103762.19	33.37724	(05030324)	671499.30	4103740.23	33.72143	(05012008)
671511.17	4103718.27	33.98154	(05012008)	671523.03	4103696.32	34.13054	(05012008)
671534.90	4103674.36	34.20660	(05012008)	671546.77	4103652.40	34.23855	(05012008)
671558.64	4103630.45	34.24372	(05012008)	671570.50	4103608.49	34.23441	(05012008)
671582.37	4103586.53	34.23890c	(08011824)	671594.24	4103564.57	34.25544c	(08011824)
671606.11	4103542.62	34.25732c	(08011824)	671617.97	4103520.66	34.25902c	(08011824)
671629.84	4103498.70	34.24175c	(08011824)	671641.71	4103476.75	34.22307c	(08011824)
671653.57	4103454.79	34.19860c	(08011824)	671665.44	4103432.83	34.17371c	(08011824)
671677.31	4103410.87	34.14604c	(08011824)	671689.18	4103388.92	34.11637c	(08011824)
671701.04	4103366.96	34.08653c	(08011824)	671712.91	4103345.00	34.05496c	(08011824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671724.78	4103323.05	34.01703c	(08011824)	671736.65	4103301.09	33.97729c	(08011824)
671748.51	4103279.13	33.93429c	(08011824)	671760.38	4103257.17	33.89145c	(08011824)
671772.25	4103235.22	33.84450c	(08011824)	671784.12	4103213.26	33.79170c	(08011824)
671795.98	4103191.30	33.74923	(05012008)	671807.85	4103169.35	33.72364	(05012008)
671819.72	4103147.39	33.70149	(05012008)	671831.58	4103125.43	33.68274	(05012008)
671843.45	4103103.47	33.66256	(05012008)	671855.32	4103081.52	33.64022	(05012008)
671867.19	4103059.56	33.61635	(05012008)	671879.05	4103037.60	33.59325	(05012008)
671890.92	4103015.64	33.56999	(05012008)	671902.79	4102993.69	33.54629	(05012008)
671914.66	4102971.73	33.52265	(05012008)	671926.52	4102949.77	33.49959	(05012008)
671938.39	4102927.82	33.47633	(05012008)	671950.26	4102905.86	33.49984	(07011508)
671962.12	4102883.90	33.54601c	(04010524)	671973.99	4102861.94	33.59696c	(04010524)
671985.86	4102839.99	33.64408c	(04010524)	671997.73	4102818.03	33.69778c	(04010524)
672009.59	4102796.07	33.75108c	(04010524)	672021.46	4102774.12	33.80495c	(04010524)
672033.33	4102752.16	33.86193c	(04010524)	672045.20	4102730.20	33.92168c	(04010524)
672057.06	4102708.24	33.98444c	(04010524)	672068.93	4102686.29	34.08402c	(04010524)
672080.80	4102664.33	34.40044c	(04010524)	672092.67	4102642.37	34.48543c	(04010524)
672104.53	4102620.42	34.48683c	(04010524)	672116.40	4102598.46	34.48978c	(04010524)
672128.27	4102576.50	34.49672c	(04010524)	672140.13	4102554.54	34.49873c	(04010524)
672152.00	4102532.59	34.49193c	(04010524)	672163.87	4102510.63	34.48404	(04121024)
672175.74	4102488.67	34.55888	(04121024)	672187.60	4102466.72	34.63703	(04121024)
672199.47	4102444.76	34.71497	(04121024)	672211.34	4102422.80	34.82013	(04121024)
672223.21	4102400.84	34.95971	(04121024)	672235.07	4102378.89	35.09420	(04121024)
672246.94	4102356.93	35.21929	(04121024)	672258.81	4102334.97	35.33870	(04121024)
672270.67	4102313.01	35.44723	(04121024)	672282.54	4102291.06	35.53357	(04121024)
672294.41	4102269.10	35.58468	(04121024)	672306.28	4102247.14	35.57446	(04121024)
672318.14	4102225.19	35.44614	(04121024)	672330.01	4102203.23	35.17488	(04121024)
672341.88	4102181.27	34.79780	(04121024)	672353.75	4102159.31	34.33447	(04121024)
672365.61	4102137.36	33.75522	(04121024)	671337.89	4104129.02	27.09340	(05030324)
671306.85	4104156.41	26.31202c	(08122808)	671255.12	4104184.19	25.14252c	(08122808)
671213.73	4104184.96	24.70792c	(08122808)	671365.28	4104093.36	28.90036	(05030324)
671377.14	4104071.41	29.71962	(05030324)	671389.01	4104049.45	30.32131	(05030324)
671400.88	4104027.49	30.71371	(05030324)	671412.75	4104005.53	30.93679	(05030324)
671424.61	4103983.58	31.03744	(05030324)	671436.48	4103961.62	31.06664	(05030324)
671448.35	4103939.66	31.06636	(05030324)	671460.22	4103917.71	31.05024	(05030324)
671472.08	4103895.75	31.03418	(05030324)	671483.95	4103873.79	31.01829	(05030324)
671495.82	4103851.83	31.00100	(05030324)	671507.68	4103829.88	30.98301	(05030324)
671519.55	4103807.92	30.96976	(05030324)	671531.42	4103785.96	30.95599	(05030324)
671543.29	4103764.01	30.93421	(05030324)	671555.15	4103742.05	31.15923	(05012008)
671567.02	4103720.09	31.38468	(05012008)	671578.89	4103698.13	31.52137	(05012008)
671590.76	4103676.18	31.59775	(05012008)	671602.62	4103654.22	31.63636	(05012008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671614.49	4103632.26	31.65073	(05012008)	671626.36	4103610.31	31.65988c	(08011824)
671638.22	4103588.35	31.70882c	(08011824)	671650.09	4103566.39	31.73414c	(08011824)
671661.96	4103544.43	31.74729c	(08011824)	671673.83	4103522.48	31.74657c	(08011824)
671685.69	4103500.52	31.73973c	(08011824)	671697.56	4103478.56	31.72673c	(08011824)
671709.43	4103456.61	31.70955c	(08011824)	671721.30	4103434.65	31.69114c	(08011824)
671733.16	4103412.69	31.67001c	(08011824)	671745.03	4103390.73	31.64581c	(08011824)
671756.90	4103368.78	31.61823c	(08011824)	671768.77	4103346.82	31.58644c	(08011824)
671780.63	4103324.86	31.55074c	(08011824)	671792.50	4103302.90	31.50711c	(08011824)
671804.37	4103280.95	31.45742c	(08011824)	671816.23	4103258.99	31.40462c	(08011824)
671828.10	4103237.03	31.36995	(05012008)	671839.97	4103215.08	31.35214	(05012008)
671851.84	4103193.12	31.33492	(05012008)	671863.70	4103171.16	31.32029	(05012008)
671875.57	4103149.20	31.30585	(05012008)	671887.44	4103127.25	31.29202	(05012008)
671899.31	4103105.29	31.27824	(05012008)	671911.17	4103083.33	31.26440	(05012008)
671923.04	4103061.38	31.24949	(05012008)	671934.91	4103039.42	31.23524	(05012008)
671946.77	4103017.46	31.22107	(05012008)	671958.64	4102995.50	31.20650	(05012008)
671970.51	4102973.55	31.19182	(05012008)	671982.38	4102951.59	31.17808	(05012008)
671994.24	4102929.63	31.16586	(05012008)	672006.11	4102907.68	31.15379	(05012008)
672017.98	4102885.72	31.14294	(05012008)	672029.85	4102863.76	31.18298	(07011508)
672041.71	4102841.80	31.24408	(07011508)	672053.58	4102819.85	31.31493	(07011508)
672065.45	4102797.89	31.39208	(07011508)	672077.32	4102775.93	31.48781	(07011508)
672089.18	4102753.97	31.58207	(07011508)	672101.05	4102732.02	31.66911	(07011508)
672112.92	4102710.06	31.88035	(07011508)	672124.78	4102688.10	32.21293	(07011508)
672136.65	4102666.15	32.29265	(07011508)	672148.52	4102644.19	32.22541	(07011508)
672160.39	4102622.23	32.22949	(07011508)	672172.25	4102600.27	32.27962	(07011508)
672184.12	4102578.32	32.29021c	(04010524)	672195.99	4102556.36	32.30410c	(04010524)
672207.86	4102534.40	32.31078c	(04010524)	672219.72	4102512.45	32.31570c	(04010524)
672231.59	4102490.49	32.31964c	(04010524)	672243.46	4102468.53	32.32875c	(04010524)
672255.32	4102446.57	32.35708c	(04010524)	672267.19	4102424.62	32.40249c	(04010524)
672279.06	4102402.66	32.44751c	(04010524)	672290.93	4102380.70	32.56804	(04121024)
672302.79	4102358.75	32.70298	(04121024)	672314.66	4102336.79	32.83315	(04121024)
672326.53	4102314.83	32.94572	(04121024)	672338.40	4102292.87	33.03005	(04121024)
672350.26	4102270.92	33.06279	(04121024)	672362.13	4102248.96	33.03377	(04121024)
672374.00	4102227.00	32.92689	(04121024)	672385.87	4102205.05	32.72657	(04121024)
672397.73	4102183.09	32.42681	(04121024)	672409.60	4102161.13	32.10148	(04121024)
671380.15	4104154.31	26.16815	(05030324)	671362.91	4104169.53	25.37877	(05030324)
671345.67	4104184.75	24.81346c	(08122808)	671328.42	4104199.97	24.41496c	(08122808)
671311.18	4104215.18	23.92383c	(08122808)	671270.94	4104230.83	23.26400c	(08122808)
671247.95	4104231.26	23.08841c	(08122808)	671224.96	4104231.69	22.82329c	(08122808)
671201.96	4104232.12	22.46394c	(08122808)	671178.97	4104232.55	22.00263c	(08122808)
671397.40	4104139.09	26.80391	(05030324)	671409.26	4104117.14	27.55644	(05030324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671421.13	4104095.18	28.13669	(05030324)	671433.00	4104073.22	28.54715	(05030324)
671444.87	4104051.27	28.80370	(05030324)	671456.73	4104029.31	28.94851	(05030324)
671468.60	4104007.35	29.00633	(05030324)	671480.47	4103985.39	29.02591	(05030324)
671492.33	4103963.44	29.02988	(05030324)	671504.20	4103941.48	29.01770	(05030324)
671516.07	4103919.52	29.00324	(05030324)	671527.94	4103897.57	28.98794	(05030324)
671539.80	4103875.61	28.97430	(05030324)	671551.67	4103853.65	28.96014	(05030324)
671563.54	4103831.69	28.94601	(05030324)	671575.41	4103809.74	28.92867	(05030324)
671587.27	4103787.78	28.91461	(05030324)	671599.14	4103765.82	28.89518	(05030324)
671611.01	4103743.86	29.05559	(05012008)	671622.87	4103721.91	29.25176	(05012008)
671634.74	4103699.95	29.37626	(05012008)	671646.61	4103677.99	29.45107	(05012008)
671658.48	4103656.04	29.49231	(05012008)	671670.34	4103634.08	29.51230	(05012008)
671682.21	4103612.12	29.53698c	(08011824)	671694.08	4103590.16	29.59041c	(08011824)
671705.95	4103568.21	29.62344c	(08011824)	671717.81	4103546.25	29.64174c	(08011824)
671729.68	4103524.29	29.64592c	(08011824)	671741.55	4103502.34	29.64233c	(08011824)
671753.42	4103480.38	29.63230c	(08011824)	671765.28	4103458.42	29.61907c	(08011824)
671777.15	4103436.46	29.60231c	(08011824)	671789.02	4103414.51	29.58599c	(08011824)
671800.88	4103392.55	29.56355c	(08011824)	671812.75	4103370.59	29.53382c	(08011824)
671824.62	4103348.64	29.49407c	(08011824)	671836.49	4103326.68	29.44676c	(08011824)
671848.35	4103304.72	29.39928	(05012008)	671860.22	4103282.76	29.38413	(05012008)
671872.09	4103260.81	29.37085	(05012008)	671883.96	4103238.85	29.35751	(05012008)
671895.82	4103216.89	29.34543	(05012008)	671907.69	4103194.94	29.33382	(05012008)
671919.56	4103172.98	29.32365	(05012008)	671931.42	4103151.02	29.31495	(05012008)
671943.29	4103129.06	29.30698	(05012008)	671955.16	4103107.11	29.29932	(05012008)
671967.03	4103085.15	29.29215	(05012008)	671978.89	4103063.19	29.28402	(05012008)
671990.76	4103041.23	29.27592	(05012008)	672002.63	4103019.28	29.26786	(05012008)
672014.50	4102997.32	29.26050	(05012008)	672026.36	4102975.36	29.25450	(05012008)
672038.23	4102953.41	29.24911	(05012008)	672050.10	4102931.45	29.24407	(05012008)
672061.97	4102909.49	29.24000	(05012008)	672073.83	4102887.53	29.23642	(05012008)
672085.70	4102865.58	29.23119	(05012008)	672097.57	4102843.62	29.23827	(07011508)
672109.43	4102821.66	29.33828	(07011508)	672121.30	4102799.71	29.47967	(07011508)
672133.17	4102777.75	29.66252	(07011508)	672145.04	4102755.79	29.93745	(07011508)
672156.90	4102733.83	30.40048	(07011508)	672168.77	4102711.88	30.40531	(07011508)
672180.64	4102689.92	30.43189	(07011508)	672192.51	4102667.96	30.30842	(07011508)
672204.37	4102646.01	30.22820	(07011508)	672216.24	4102624.05	30.27093	(07011508)
672228.11	4102602.09	30.29510	(07011508)	672239.97	4102580.13	30.29762c	(04010524)
672251.84	4102558.18	30.32580c	(04010524)	672263.71	4102536.22	30.35476c	(04010524)
672275.58	4102514.26	30.38455c	(04010524)	672287.44	4102492.31	30.42510c	(04010524)
672299.31	4102470.35	30.47716c	(04010524)	672311.18	4102448.39	30.53640c	(04010524)
672323.05	4102426.43	30.58155c	(04010524)	672334.91	4102404.48	30.62262c	(04010524)
672346.78	4102382.52	30.63037c	(04010524)	672358.65	4102360.56	30.58311c	(04010524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672370.52	4102338.60	30.68873	(04121024)	672382.38	4102316.65	30.83613	(04121024)
672394.25	4102294.69	30.94262	(04121024)	672406.12	4102272.73	30.99983	(04121024)
672417.98	4102250.78	31.00730	(04121024)	672429.85	4102228.82	30.95746	(04121024)
672441.72	4102206.86	30.85658	(04121024)	672453.59	4102184.90	30.68392	(04121024)
671422.91	4104179.17	25.25647	(05030324)	671404.43	4104195.48	24.60900	(05030324)
671385.96	4104211.78	23.82561	(05030324)	671367.48	4104228.09	23.20668c	(08122808)
671349.01	4104244.39	22.85557c	(08122808)	671330.54	4104260.70	22.46093c	(08122808)
671287.42	4104277.46	21.79568c	(08122808)	671262.79	4104277.92	21.55115c	(08122808)
671238.15	4104278.38	21.26284c	(08122808)	671213.52	4104278.84	20.92028c	(08122808)
671188.88	4104279.30	20.49494c	(08122808)	671164.24	4104279.76	19.97027c	(08122808)
671441.38	4104162.87	25.73801	(05030324)	671453.25	4104140.91	26.29222	(05030324)
671465.12	4104118.95	26.70129	(05030324)	671476.98	4104097.00	26.98229	(05030324)
671488.85	4104075.04	27.15515	(05030324)	671500.72	4104053.08	27.24839	(05030324)
671512.59	4104031.12	27.28906	(05030324)	671524.45	4104009.17	27.30110	(05030324)
671536.32	4103987.21	27.29855	(05030324)	671548.19	4103965.25	27.28660	(05030324)
671560.06	4103943.30	27.27612	(05030324)	671571.92	4103921.34	27.26140	(05030324)
671583.79	4103899.38	27.24830	(05030324)	671595.66	4103877.42	27.23306	(05030324)
671607.52	4103855.47	27.22040	(05030324)	671619.39	4103833.51	27.20627	(05030324)
671631.26	4103811.55	27.18985	(05030324)	671643.13	4103789.60	27.16901	(05030324)
671654.99	4103767.64	27.14821	(05030324)	671666.86	4103745.68	27.29229	(05012008)
671678.73	4103723.72	27.46481	(05012008)	671690.60	4103701.77	27.57807	(05012008)
671702.46	4103679.81	27.64969	(05012008)	671714.33	4103657.85	27.69215	(05012008)
671726.20	4103635.90	27.71541	(05012008)	671738.07	4103613.94	27.73568c	(08011824)
671749.93	4103591.98	27.78983c	(08011824)	671761.80	4103570.02	27.82470c	(08011824)
671773.67	4103548.07	27.84282c	(08011824)	671785.53	4103526.11	27.84924c	(08011824)
671797.40	4103504.15	27.84452c	(08011824)	671809.27	4103482.20	27.83027c	(08011824)
671821.14	4103460.24	27.80936c	(08011824)	671833.00	4103438.28	27.79249c	(08011824)
671844.87	4103416.32	27.78784c	(08011824)	671856.74	4103394.37	27.75468c	(08011824)
671868.61	4103372.41	27.71796	(05012008)	671880.47	4103350.45	27.71353	(05012008)
671892.34	4103328.49	27.70661	(05012008)	671904.21	4103306.54	27.69858	(05012008)
671916.07	4103284.58	27.68680	(05012008)	671927.94	4103262.62	27.67388	(05012008)
671939.81	4103240.67	27.66320	(05012008)	671951.68	4103218.71	27.65333	(05012008)
671963.54	4103196.75	27.64616	(05012008)	671975.41	4103174.79	27.63991	(05012008)
671987.28	4103152.84	27.63603	(05012008)	671999.15	4103130.88	27.63194	(05012008)
672011.01	4103108.92	27.63005	(05012008)	672022.88	4103086.97	27.62708	(05012008)
672034.75	4103065.01	27.62330	(05012008)	672046.62	4103043.05	27.61997	(05012008)
672058.48	4103021.09	27.61757	(05012008)	672070.35	4102999.14	27.61633	(05012008)
672082.22	4102977.18	27.61687	(05012008)	672094.08	4102955.22	27.61876	(05012008)
672105.95	4102933.27	27.61997	(05012008)	672117.82	4102911.31	27.62039	(05012008)
672129.69	4102889.35	27.61957	(05012008)	672141.55	4102867.39	27.61765	(05012008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672153.42	4102845.44	27.61369	(05012008)	672165.29	4102823.48	27.63872	(07011508)
672177.16	4102801.52	27.82553	(07011508)	672189.02	4102779.56	27.99108	(07011508)
672200.89	4102757.61	28.08018	(07011508)	672212.76	4102735.65	28.19798	(07011508)
672224.62	4102713.69	28.31337	(07011508)	672236.49	4102691.74	28.41239	(07011508)
672248.36	4102669.78	28.45236	(07011508)	672260.23	4102647.82	28.49866	(07011508)
672272.09	4102625.86	28.54397	(07011508)	672283.96	4102603.91	28.56498	(07011508)
672295.83	4102581.95	28.57842c	(04010524)	672307.70	4102559.99	28.63501c	(04010524)
672319.56	4102538.04	28.69175c	(04010524)	672331.43	4102516.08	28.75347c	(04010524)
672343.30	4102494.12	28.81982c	(04010524)	672355.17	4102472.16	28.88804c	(04010524)
672367.03	4102450.21	28.95675c	(04010524)	672378.90	4102428.25	29.00580c	(04010524)
672390.77	4102406.29	29.01973c	(04010524)	672402.63	4102384.34	28.99826c	(04010524)
672414.50	4102362.38	28.92248c	(04010524)	672426.37	4102340.42	28.84176	(04121024)
672438.24	4102318.46	29.01994	(04121024)	672450.10	4102296.51	29.15011	(04121024)
672461.97	4102274.55	29.23394	(04121024)	672473.84	4102252.59	29.30586	(04121024)
672485.71	4102230.64	29.26138	(04121024)	672497.57	4102208.68	29.28164	(04121024)
671497.45	4104217.71	23.85607	(05030324)	671480.21	4104232.93	23.51434	(05030324)
671462.96	4104248.14	23.06182	(05030324)	671445.72	4104263.36	22.50556	(05030324)
671428.48	4104278.58	21.86637	(05030324)	671411.24	4104293.80	21.16992	(05030324)
671393.99	4104309.02	20.83053c	(08122808)	671376.75	4104324.23	20.51012c	(08122808)
671359.51	4104339.45	20.14533c	(08122808)	671319.27	4104355.10	19.71876c	(08122808)
671296.28	4104355.53	19.63272c	(08122808)	671273.28	4104355.96	19.48655c	(08122808)
671250.29	4104356.39	19.30634c	(08122808)	671227.29	4104356.82	19.02210c	(08122808)
671204.30	4104357.25	18.68416c	(08122808)	671181.31	4104357.68	18.27256c	(08122808)
671158.31	4104358.11	17.77175c	(08122808)	671135.32	4104358.54	17.37477c	(07120408)
671514.69	4104202.49	24.08418	(05030324)	671526.56	4104180.53	24.39709	(05030324)
671538.43	4104158.58	24.61311	(05030324)	671550.30	4104136.62	24.76724	(05030324)
671562.16	4104114.66	24.85736	(05030324)	671574.03	4104092.70	24.90545	(05030324)
671585.90	4104070.75	24.92267	(05030324)	671597.76	4104048.79	24.92693	(05030324)
671609.63	4104026.83	24.92133	(05030324)	671621.50	4104004.88	24.91004	(05030324)
671633.37	4103982.92	24.89667	(05030324)	671645.23	4103960.96	24.88111	(05030324)
671657.10	4103939.00	24.86483	(05030324)	671668.97	4103917.05	24.84455	(05030324)
671680.84	4103895.09	24.82270	(05030324)	671692.70	4103873.13	24.79902	(05030324)
671704.57	4103851.18	24.77177	(05030324)	671716.44	4103829.22	24.74232	(05030324)
671728.31	4103807.26	24.70850	(05030324)	671740.17	4103785.30	24.66873	(05030324)
671752.04	4103763.35	24.77944	(05012008)	671763.91	4103741.39	24.95729	(05012008)
671775.77	4103719.43	25.08282	(05012008)	671787.64	4103697.48	25.16883	(05012008)
671799.51	4103675.52	25.22628	(05012008)	671811.38	4103653.56	25.26361	(05012008)
671823.24	4103631.60	25.28738	(05012008)	671835.11	4103609.65	25.30164	(05012008)
671846.98	4103587.69	25.31010	(05012008)	671858.85	4103565.73	25.31476	(05012008)
671870.71	4103543.77	25.31738	(05012008)	671882.58	4103521.82	25.31838	(05012008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671894.45	4103499.86	25.31853	(05012008)	671906.31	4103477.90	25.31893	(05012008)
671918.18	4103455.95	25.36513	(05012008)	671930.05	4103433.99	25.39454	(05012008)
671941.92	4103412.03	25.40599	(05012008)	671953.78	4103390.07	25.41697	(05012008)
671965.65	4103368.12	25.42614	(05012008)	671977.52	4103346.16	25.43361	(05012008)
671989.39	4103324.20	25.43725	(05012008)	672001.25	4103302.25	25.43349	(05012008)
672013.12	4103280.29	25.41774	(05012008)	672024.99	4103258.33	25.39282	(05012008)
672036.85	4103236.37	25.36695	(05012008)	672048.72	4103214.42	25.35580	(05012008)
672060.59	4103192.46	25.35367	(05012008)	672072.46	4103170.50	25.35169	(05012008)
672084.32	4103148.55	25.35077	(05012008)	672096.19	4103126.59	25.35104	(05012008)
672108.06	4103104.63	25.35184	(05012008)	672119.93	4103082.67	25.35079	(05012008)
672131.79	4103060.72	25.35358	(05012008)	672143.66	4103038.76	25.36038	(05012008)
672155.53	4103016.80	25.36864	(05012008)	672167.40	4102994.85	25.37723	(05012008)
672179.26	4102972.89	25.38579	(05012008)	672191.13	4102950.93	25.39260	(05012008)
672203.00	4102928.97	25.39639	(05012008)	672214.86	4102907.02	25.39677	(05012008)
672226.73	4102885.06	25.39171	(05012008)	672238.60	4102863.10	25.37973	(06010608)
672250.47	4102841.14	25.40290	(06010608)	672262.33	4102819.19	25.43317	(06010608)
672274.20	4102797.23	25.46648	(06010608)	672286.07	4102775.27	25.55429	(07011508)
672297.94	4102753.32	25.68948	(07011508)	672309.80	4102731.36	25.81450	(07011508)
672321.67	4102709.40	25.92040	(07011508)	672333.54	4102687.44	26.00102	(07011508)
672345.40	4102665.49	26.05754	(07011508)	672357.27	4102643.53	26.09954	(07011508)
672369.14	4102621.57	26.12210	(07011508)	672381.01	4102599.62	26.14363c	(04010524)
672392.87	4102577.66	26.22777c	(04010524)	672404.74	4102555.70	26.31061c	(04010524)
672416.61	4102533.74	26.39303c	(04010524)	672428.48	4102511.79	26.47192c	(04010524)
672440.34	4102489.83	26.54150c	(04010524)	672452.21	4102467.87	26.60046c	(04010524)
672464.08	4102445.92	26.64309c	(04010524)	672475.95	4102423.96	26.67030c	(04010524)
672487.81	4102402.00	26.67258c	(04010524)	672499.68	4102380.04	26.61013c	(04010524)
672511.55	4102358.09	26.47162c	(04010524)	672523.41	4102336.13	26.26988	(04121024)
672535.28	4102314.17	26.38134	(04121024)	672547.15	4102292.22	26.46839	(04121024)
672559.02	4102270.26	26.84278	(04121024)	672570.88	4102248.30	27.98687	(04121024)
671570.04	4104257.97	22.44177	(05030324)	671552.08	4104273.82	22.25096	(05030324)
671534.12	4104289.67	21.95453	(05030324)	671516.16	4104305.52	21.56360	(05030324)
671498.20	4104321.37	21.08472	(05030324)	671480.24	4104337.22	20.53216	(05030324)
671462.27	4104353.08	19.92539	(05030324)	671444.31	4104368.93	19.28768	(05030324)
671426.35	4104384.78	18.73524c	(08122808)	671408.39	4104400.63	18.52405c	(08122808)
671390.43	4104416.48	18.29336c	(08122808)	671348.52	4104432.78	18.08821c	(08122808)
671324.56	4104433.23	18.11217c	(08122808)	671300.61	4104433.68	17.98937c	(08122808)
671276.66	4104434.13	17.80273c	(08122808)	671252.71	4104434.57	17.57872c	(08122808)
671228.76	4104435.02	17.29962c	(08122808)	671204.80	4104435.47	16.97410c	(08122808)
671180.85	4104435.92	16.59623c	(08122808)	671156.90	4104436.36	16.15415c	(08122808)
671132.95	4104436.81	16.19381c	(07120408)	671109.00	4104437.26	16.28356c	(07120408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671588.00	4104242.11	22.52732	(05030324)	671599.87	4104220.16	22.71472	(05030324)
671611.74	4104198.20	22.84897	(05030324)	671623.61	4104176.24	22.93195	(05030324)
671635.47	4104154.28	22.97916	(05030324)	671647.34	4104132.33	22.99764	(05030324)
671659.21	4104110.37	23.00350	(05030324)	671671.08	4104088.41	22.99549	(05030324)
671682.94	4104066.46	22.98287	(05030324)	671694.81	4104044.50	22.96539	(05030324)
671706.68	4104022.54	22.94301	(05030324)	671718.54	4104000.58	22.91866	(05030324)
671730.41	4103978.63	22.89100	(05030324)	671742.28	4103956.67	22.85791	(05030324)
671754.15	4103934.71	22.82242	(05030324)	671766.01	4103912.76	22.78141	(05030324)
671777.88	4103890.80	22.73490	(05030324)	671789.75	4103868.84	22.68191	(05030324)
671801.62	4103846.88	22.62211	(05030324)	671813.48	4103824.93	22.55381	(05030324)
671825.35	4103802.97	22.56264	(05012008)	671837.22	4103781.01	22.79663	(05012008)
671849.09	4103759.06	22.97300	(05012008)	671860.95	4103737.10	23.10384	(05012008)
671872.82	4103715.14	23.19869	(05012008)	671884.69	4103693.18	23.26645	(05012008)
671896.55	4103671.23	23.31435	(05012008)	671908.42	4103649.27	23.34770	(05012008)
671920.29	4103627.31	23.37133	(05012008)	671932.16	4103605.35	23.38778	(05012008)
671944.02	4103583.40	23.39988	(05012008)	671955.89	4103561.44	23.40889	(05012008)
671967.76	4103539.48	23.41566	(05012008)	671979.63	4103517.53	23.42151	(05012008)
671991.49	4103495.57	23.42826	(05012008)	672003.36	4103473.61	23.48344	(05012008)
672015.23	4103451.65	23.54043	(05012008)	672027.09	4103429.70	23.57025	(05012008)
672038.96	4103407.74	23.60148	(05012008)	672050.83	4103385.78	23.63632	(05012008)
672062.70	4103363.83	23.66809	(05012008)	672074.56	4103341.87	23.69509	(05012008)
672086.43	4103319.91	23.72803	(05012008)	672098.30	4103297.95	23.70809	(05012008)
672110.17	4103276.00	23.65846	(05012008)	672122.03	4103254.04	23.63445	(05012008)
672133.90	4103232.08	23.59679	(05012008)	672145.77	4103210.13	23.54399	(05012008)
672157.64	4103188.17	23.53901	(05012008)	672169.50	4103166.21	23.53994	(05012008)
672181.37	4103144.25	23.54072	(05012008)	672193.24	4103122.30	23.54097	(05012008)
672205.10	4103100.34	23.54703	(05012008)	672216.97	4103078.38	23.55259	(05012008)
672228.84	4103056.43	23.56374	(05012008)	672240.71	4103034.47	23.57433	(05012008)
672252.57	4103012.51	23.58486	(05012008)	672264.44	4102990.55	23.59292	(05012008)
672276.31	4102968.60	23.59719	(05012008)	672288.18	4102946.64	23.59621	(05012008)
672300.04	4102924.68	23.60013	(06010608)	672311.91	4102902.72	23.62244	(06010608)
672323.78	4102880.77	23.64217	(06010608)	672335.64	4102858.81	23.66209	(06010608)
672347.51	4102836.85	23.67838	(06010608)	672359.38	4102814.90	23.68753	(06010608)
672371.25	4102792.94	23.69149	(06010608)	672383.11	4102770.98	23.68651	(06010608)
672394.98	4102749.02	23.69213	(07011508)	672406.85	4102727.07	23.79737	(07011508)
672418.72	4102705.11	23.88764	(07011508)	672430.58	4102683.15	23.96197	(07011508)
672442.45	4102661.20	24.00163	(07011508)	672454.32	4102639.24	24.02078	(07011508)
672466.18	4102617.28	24.07691c	(04010524)	672478.05	4102595.32	24.17666c	(04010524)
672489.92	4102573.37	24.27721c	(04010524)	672501.79	4102551.41	24.37887c	(04010524)
672513.65	4102529.45	24.46924c	(04010524)	672525.52	4102507.50	24.55262c	(04010524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672537.39	4102485.54	24.62499c	(04010524)	672549.26	4102463.58	24.67419c	(04010524)
672561.12	4102441.62	24.70094c	(04010524)	672572.99	4102419.67	24.75763c	(04010524)
672584.86	4102397.71	24.83183c	(04010524)	672596.73	4102375.75	24.83020c	(04010524)
672608.59	4102353.79	24.83756c	(04010524)	672620.46	4102331.84	25.18441	(04121024)
672632.33	4102309.88	26.26931	(04121024)	672644.19	4102287.92	27.66042c	(07020508)
671642.84	4104298.04	21.11603	(05030324)	671624.37	4104314.35	21.02181	(05030324)
671605.89	4104330.65	20.85184	(05030324)	671587.42	4104346.96	20.59931	(05030324)
671568.94	4104363.26	20.26241	(05030324)	671550.47	4104379.56	19.85016	(05030324)
671531.99	4104395.87	19.37148	(05030324)	671513.52	4104412.17	18.84746	(05030324)
671495.04	4104428.48	18.28983	(05030324)	671476.57	4104444.78	17.71841	(05030324)
671458.09	4104461.09	17.14427	(05030324)	671439.62	4104477.39	16.71943c	(08122808)
671421.15	4104493.70	16.47218c	(08122808)	671378.03	4104510.46	16.23711c	(08122808)
671353.40	4104510.92	16.26757c	(08122808)	671328.76	4104511.38	16.26251c	(08122808)
671304.13	4104511.84	16.26670c	(08122808)	671279.49	4104512.30	16.31830c	(08122808)
671254.85	4104512.77	16.15930c	(08122808)	671230.22	4104513.23	15.84829c	(08122808)
671205.58	4104513.69	15.62711c	(08122808)	671180.94	4104514.15	15.30000c	(08122808)
671156.31	4104514.61	14.93469c	(07120408)	671131.67	4104515.07	15.15753c	(07120408)
671107.04	4104515.53	15.22757c	(07120408)	671082.40	4104515.99	15.12014c	(07120408)
671661.32	4104281.74	21.14008	(05030324)	671673.18	4104259.78	21.25456	(05030324)
671685.05	4104237.82	21.32683	(05030324)	671696.92	4104215.86	21.36781	(05030324)
671708.78	4104193.91	21.38237	(05030324)	671720.65	4104171.95	21.38373	(05030324)
671732.52	4104149.99	21.36957	(05030324)	671744.39	4104128.04	21.37509	(05030324)
671756.25	4104106.08	21.36787	(05030324)	671768.12	4104084.12	21.33028	(05030324)
671779.99	4104062.16	21.28760	(05030324)	671791.86	4104040.21	21.24304	(05030324)
671803.72	4104018.25	21.19119	(05030324)	671815.59	4103996.29	21.13380	(05030324)
671827.46	4103974.34	21.06762	(05030324)	671839.32	4103952.38	20.99514	(05030324)
671851.19	4103930.42	20.91343	(05030324)	671863.06	4103908.46	20.82195	(05030324)
671874.93	4103886.51	20.72111	(05030324)	671886.79	4103864.55	20.60873	(05030324)
671898.66	4103842.59	20.70058	(05012008)	671910.53	4103820.64	20.97876	(05012008)
671922.40	4103798.68	21.19871	(05012008)	671934.26	4103776.72	21.37038	(05012008)
671946.13	4103754.76	21.50182	(05012008)	671958.00	4103732.81	21.60093	(05012008)
671969.87	4103710.85	21.67504	(05012008)	671981.73	4103688.89	21.72965	(05012008)
671993.60	4103666.93	21.77000	(05012008)	672005.47	4103644.98	21.79982	(05012008)
672017.33	4103623.02	21.82239	(05012008)	672029.20	4103601.06	21.83908	(05012008)
672041.07	4103579.11	21.85276	(05012008)	672052.94	4103557.15	21.86385	(05012008)
672064.80	4103535.19	21.87347	(05012008)	672076.67	4103513.23	21.88185	(05012008)
672088.54	4103491.28	21.88935	(05012008)	672100.41	4103469.32	21.90678	(05012008)
672112.27	4103447.36	21.95670	(05012008)	672124.14	4103425.41	22.02509	(05012008)
672136.01	4103403.45	22.07869	(05012008)	672147.87	4103381.49	22.14665	(05012008)
672159.74	4103359.53	22.20276	(05012008)	672171.61	4103337.58	22.21105	(05012008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672183.48	4103315.62	22.25423	(05012008)	672195.34	4103293.66	22.29832	(05012008)
672207.21	4103271.71	22.37138	(05012008)	672219.08	4103249.75	22.42894	(05012008)
672230.95	4103227.79	22.35725	(05012008)	672242.81	4103205.83	22.19430	(05012008)
672254.68	4103183.88	22.06436	(05012008)	672266.55	4103161.92	22.06290	(05012008)
672278.42	4103139.96	22.07075	(05012008)	672290.28	4103118.00	22.07718	(05012008)
672302.15	4103096.05	22.08865	(05012008)	672314.02	4103074.09	22.09696	(05012008)
672325.88	4103052.13	22.10126	(05012008)	672337.75	4103030.18	22.10251	(05012008)
672349.62	4103008.22	22.10055	(05012008)	672361.49	4102986.26	22.10987	(06010608)
672373.35	4102964.30	22.13338	(06010608)	672385.22	4102942.35	22.15410	(06010608)
672397.09	4102920.39	22.17365	(06010608)	672408.96	4102898.43	22.18917	(06010608)
672420.82	4102876.48	22.19528	(06010608)	672432.69	4102854.52	22.19328	(06010608)
672444.56	4102832.56	22.18000	(06010608)	672456.42	4102810.60	22.15447	(06010608)
672468.29	4102788.65	22.11668	(06010608)	672480.16	4102766.69	22.05326	(06010608)
672492.03	4102744.73	21.95941	(06010608)	672503.89	4102722.78	22.02807	(07011508)
672515.76	4102700.82	22.09749	(07011508)	672527.63	4102678.86	22.14224	(07011508)
672539.50	4102656.90	22.17537c	(04111608)	672551.36	4102634.95	22.27927c	(04010524)
672563.23	4102612.99	22.39254c	(04010524)	672575.10	4102591.03	22.50810c	(04010524)
672586.97	4102569.08	22.62570c	(04010524)	672598.83	4102547.12	22.73777c	(04010524)
672610.70	4102525.16	22.84033c	(04010524)	672622.57	4102503.20	22.92876c	(04010524)
672634.43	4102481.25	22.99386c	(04010524)	672646.30	4102459.29	23.07035c	(04010524)
672658.17	4102437.33	23.15753c	(04010524)	672670.04	4102415.37	23.23957c	(04010524)
672681.90	4102393.42	23.27167c	(04010524)	672693.77	4102371.46	23.42975c	(04111608)
672705.64	4102349.50	23.76281c	(04111608)	672717.51	4102327.55	24.95288c	(07020508)
671862.77	4104416.91	17.70630	(05030324)	671844.30	4104433.21	17.79363	(05030324)
671825.82	4104449.52	17.84496	(05030324)	671807.35	4104465.82	17.85764	(05030324)
671788.88	4104482.13	17.82477	(05030324)	671770.40	4104498.43	17.74317	(05030324)
671751.93	4104514.74	17.60903	(05030324)	671733.45	4104531.04	17.42324	(05030324)
671714.98	4104547.35	17.18726	(05030324)	671696.50	4104563.65	16.90577	(05030324)
671678.03	4104579.96	16.58400	(05030324)	671659.55	4104596.26	16.23280	(05030324)
671641.08	4104612.57	15.86085	(05030324)	671622.60	4104628.87	15.48805	(05030324)
671604.13	4104645.18	15.11068	(05030324)	671585.65	4104661.48	14.73736	(05030324)
671567.18	4104677.79	14.36638	(05030324)	671548.71	4104694.09	14.00368	(05030324)
671530.23	4104710.40	13.64309	(05030324)	671511.76	4104726.70	13.28467	(05030324)
671468.65	4104743.47	12.81537c	(08122808)	671444.01	4104743.93	12.85244c	(08122808)
671419.37	4104744.39	12.88367c	(08122808)	671394.74	4104744.85	12.90444c	(08122808)
671370.10	4104745.31	12.91056c	(08122808)	671345.46	4104745.77	12.89469c	(08122808)
671320.83	4104746.23	12.86044c	(08122808)	671296.19	4104746.69	12.79342c	(08122808)
671271.55	4104747.15	12.70606c	(08122808)	671246.92	4104747.61	12.58426c	(08122808)
671222.28	4104748.07	12.42499c	(08122808)	671197.65	4104748.53	12.22324c	(08122808)
671173.01	4104748.99	12.26342c	(07120408)	671148.37	4104749.45	12.50295c	(07120408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671123.74	4104749.91	12.65130c	(07120408)	671099.10	4104750.37	12.69445c	(07120408)
671074.46	4104750.83	12.62064c	(07120408)	671049.83	4104751.29	12.41930c	(07120408)
671025.19	4104751.75	12.22957	(06010308)	671000.56	4104752.21	12.39985	(06010308)
671881.25	4104400.60	17.58918	(05030324)	671893.12	4104378.65	17.56193	(05030324)
671904.98	4104356.69	17.51786	(05030324)	671916.85	4104334.73	17.45898	(05030324)
671928.72	4104312.78	17.38684	(05030324)	671940.58	4104290.82	17.30317	(05030324)
671952.45	4104268.86	17.21013	(05030324)	671964.32	4104246.90	17.10579	(05030324)
671976.19	4104224.95	16.99164	(05030324)	671988.05	4104202.99	16.86798	(05030324)
671999.92	4104181.03	16.73330	(05030324)	672011.79	4104159.07	16.58781	(05030324)
672023.66	4104137.12	16.43102	(05030324)	672035.52	4104115.16	16.26103	(05030324)
672047.39	4104093.20	16.08146	(05030324)	672059.26	4104071.25	15.88728	(05030324)
672071.12	4104049.29	15.68167	(05030324)	672082.99	4104027.33	15.58015	(08122108)
672094.86	4104005.37	15.74154	(08122108)	672106.73	4103983.42	16.09434	(05012008)
672118.59	4103961.46	16.48656	(05012008)	672130.46	4103939.50	16.83220	(05012008)
672142.33	4103917.55	17.13243	(05012008)	672154.20	4103895.59	17.39021	(05012008)
672166.06	4103873.63	17.60900	(05012008)	672177.93	4103851.67	17.79213	(05012008)
672189.80	4103829.72	17.94333	(05012008)	672201.67	4103807.76	18.06839	(05012008)
672213.53	4103785.80	18.18685	(05012008)	672225.40	4103763.85	18.30733	(05012008)
672237.27	4103741.89	18.39500	(05012008)	672249.13	4103719.93	18.44854	(05012008)
672261.00	4103697.97	18.48697	(05012008)	672272.87	4103676.02	18.51642	(05012008)
672284.74	4103654.06	18.54116	(05012008)	672296.60	4103632.10	18.56072	(05012008)
672308.47	4103610.15	18.57696	(05012008)	672320.34	4103588.19	18.59197	(05012008)
672332.21	4103566.23	18.60751	(05012008)	672344.07	4103544.27	18.71633	(05012008)
672355.94	4103522.32	18.86408	(05012008)	672367.81	4103500.36	18.92656	(05012008)
672379.67	4103478.40	18.97959	(05012008)	672391.54	4103456.44	19.03304	(05012008)
672403.41	4103434.49	19.08343	(05012008)	672415.28	4103412.53	19.14137	(05012008)
672427.14	4103390.57	19.20522	(05012008)	672439.01	4103368.62	19.27707	(05012008)
672450.88	4103346.66	19.30914	(05012008)	672462.75	4103324.70	19.33613	(05012008)
672474.61	4103302.74	19.32339	(05012008)	672486.48	4103280.79	19.26334	(05012008)
672498.35	4103258.83	19.18628	(05012008)	672510.22	4103236.87	19.13813	(05012008)
672522.08	4103214.92	19.13273	(05012008)	672533.95	4103192.96	19.11188	(05012008)
672545.82	4103171.00	19.07575	(05012008)	672557.68	4103149.04	19.05206	(06010608)
672569.55	4103127.09	19.04230	(06010608)	672581.42	4103105.13	19.04009	(06010608)
672593.29	4103083.17	19.03886	(06010608)	672605.15	4103061.22	19.03531	(06010608)
672617.02	4103039.26	19.02557	(06010608)	672628.89	4103017.30	19.01284	(06010608)
672640.76	4102995.34	18.99575	(06010608)	672652.62	4102973.39	18.97477	(06010608)
672664.49	4102951.43	18.94366	(06010608)	672676.36	4102929.47	18.90260	(06010608)
672688.22	4102907.52	18.83940	(06010608)	672700.09	4102885.56	18.75658	(06010608)
672711.96	4102863.60	18.65470	(06010608)	672723.83	4102841.64	18.51600	(06010608)
672735.69	4102819.69	18.34423	(06010608)	672747.56	4102797.73	18.30646c	(04111608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672759.43	4102775.77	18.41374c	(04111608)	672771.30	4102753.81	18.51841c	(04111608)
672783.16	4102731.86	18.61389c	(04111608)	672795.03	4102709.90	18.70472c	(04111608)
672806.90	4102687.94	18.89527c	(04111608)	672818.77	4102665.99	19.15372c	(04111608)
672830.63	4102644.03	19.31464c	(04111608)	672842.50	4102622.07	19.40724c	(04111608)
672854.37	4102600.11	19.48878c	(04111608)	672866.23	4102578.16	19.55762c	(04111608)
672878.10	4102556.20	19.63797c	(04111608)	672889.97	4102534.24	19.73525c	(04111608)
672901.84	4102512.29	19.81996c	(04111608)	672913.70	4102490.33	19.90386c	(04111608)
672925.57	4102468.37	19.97372c	(04111608)	672937.44	4102446.41	20.06836c	(04111608)
672082.71	4104535.78	14.37614	(05030324)	672064.23	4104552.08	14.58726	(05030324)
672045.76	4104568.39	14.77656	(05030324)	672027.28	4104584.69	14.94222	(05030324)
672008.81	4104601.00	15.08231	(05030324)	671990.33	4104617.30	15.19089	(05030324)
671971.86	4104633.61	15.26843	(05030324)	671953.38	4104649.91	15.31033	(05030324)
671934.91	4104666.22	15.31427	(05030324)	671916.43	4104682.52	15.28112	(05030324)
671897.96	4104698.82	15.20610	(05030324)	671879.49	4104715.13	15.09471	(05030324)
671861.01	4104731.43	14.94700	(05030324)	671842.54	4104747.74	14.76334	(05030324)
671824.06	4104764.04	14.55247	(05030324)	671805.59	4104780.35	14.33099	(05030324)
671787.11	4104796.65	14.09269	(05030324)	671768.64	4104812.96	13.84331	(05030324)
671750.16	4104829.26	13.58291	(05030324)	671731.69	4104845.57	13.31788	(05030324)
671713.21	4104861.87	13.05589	(05030324)	671694.74	4104878.18	12.80158	(05030324)
671676.26	4104894.48	12.55985	(05030324)	671657.79	4104910.79	12.32826	(05030324)
671639.32	4104927.09	12.09796	(05030324)	671620.84	4104943.40	11.86060	(05030324)
671602.37	4104959.70	11.61559	(05030324)	671559.26	4104976.47	11.20816	(05030324)
671534.62	4104976.93	11.08452	(05030324)	671509.98	4104977.39	10.89763	(05030324)
671485.35	4104977.85	10.87643c	(08122808)	671460.71	4104978.31	10.93494c	(08122808)
671436.07	4104978.77	10.98479c	(08122808)	671411.44	4104979.23	11.02243c	(08122808)
671386.80	4104979.69	11.04384c	(08122808)	671362.17	4104980.15	11.04384c	(08122808)
671337.53	4104980.61	11.01926c	(08122808)	671312.89	4104981.07	10.96474c	(08122808)
671288.26	4104981.53	10.88338c	(08122808)	671263.62	4104981.99	10.77269c	(08122808)
671238.98	4104982.45	10.63844c	(08122808)	671214.35	4104982.91	10.47820c	(08122808)
671189.71	4104983.37	10.37123c	(07120408)	671165.08	4104983.83	10.59842c	(07120408)
671140.44	4104984.29	10.76971c	(07120408)	671115.80	4104984.75	10.87701c	(07120408)
671091.17	4104985.21	10.90912c	(07120408)	671066.53	4104985.67	10.86186c	(07120408)
671041.89	4104986.13	10.72535c	(07120408)	671017.26	4104986.59	10.51096c	(07120408)
670992.62	4104987.05	10.58418	(06010308)	670967.99	4104987.51	10.80366	(06010308)
670943.35	4104987.97	10.96171	(06010308)	670918.71	4104988.43	11.37242c	(04122424)
672101.18	4104519.47	14.14525	(05030324)	672113.05	4104497.51	14.01153	(05030324)
672124.92	4104475.56	13.86399	(05030324)	672136.78	4104453.60	13.70728	(05030324)
672148.65	4104431.64	13.53865	(05030324)	672160.52	4104409.69	13.36229	(05030324)
672172.38	4104387.73	13.17562	(05030324)	672184.25	4104365.77	12.98088	(05030324)
672196.12	4104343.81	12.77699	(05030324)	672207.99	4104321.86	12.56624	(05030324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672219.85	4104299.90	12.34721	(05030324)	672231.72	4104277.94	12.12101	(05030324)
672243.59	4104255.99	12.04714c	(05012224)	672255.46	4104234.03	12.24253c	(05012224)
672267.32	4104212.07	12.40840c	(05012224)	672279.19	4104190.11	12.54731c	(05012224)
672291.06	4104168.16	12.68024	(08122108)	672302.92	4104146.20	12.84877	(08122108)
672314.79	4104124.24	12.99060	(08122108)	672326.66	4104102.29	13.29746	(05012008)
672338.53	4104080.33	13.67297	(05012008)	672350.39	4104058.37	14.01957	(05012008)
672362.26	4104036.41	14.33763	(05012008)	672374.13	4104014.46	14.62636	(05012008)
672386.00	4103992.50	14.88496	(05012008)	672397.86	4103970.54	15.11556	(05012008)
672409.73	4103948.59	15.31848	(05012008)	672421.60	4103926.63	15.49547	(05012008)
672433.47	4103904.67	15.64878	(05012008)	672445.33	4103882.71	15.78030	(05012008)
672457.20	4103860.76	15.89235	(05012008)	672469.07	4103838.80	15.98687	(05012008)
672480.93	4103816.84	16.06666	(05012008)	672492.80	4103794.88	16.13331	(05012008)
672504.67	4103772.93	16.18844	(05012008)	672516.54	4103750.97	16.23446	(05012008)
672528.40	4103729.01	16.27262	(05012008)	672540.27	4103707.06	16.30384	(05012008)
672552.14	4103685.10	16.32958	(05012008)	672564.01	4103663.14	16.35243	(05012008)
672575.87	4103641.18	16.39494	(05012008)	672587.74	4103619.23	16.43689	(05012008)
672599.61	4103597.27	16.48853	(05012008)	672611.47	4103575.31	16.54222	(05012008)
672623.34	4103553.36	16.58396	(05012008)	672635.21	4103531.40	16.66546	(05012008)
672647.08	4103509.44	16.75428	(05012008)	672658.94	4103487.48	16.80741	(05012008)
672670.81	4103465.53	16.84340	(05012008)	672682.68	4103443.57	16.87109	(05012008)
672694.55	4103421.61	16.89420	(05012008)	672706.41	4103399.66	16.90515	(05012008)
672718.28	4103377.70	16.92160	(05012008)	672730.15	4103355.74	16.95001	(05012008)
672742.02	4103333.78	16.94874	(05012008)	672753.88	4103311.83	16.91349	(05012008)
672765.75	4103289.87	16.86400	(05012008)	672777.62	4103267.91	16.81071	(06010608)
672789.48	4103245.96	16.83097	(06010608)	672801.35	4103224.00	16.82729	(06010608)
672813.22	4103202.04	16.84015	(06010608)	672825.09	4103180.08	16.86220	(06010608)
672836.95	4103158.13	16.85428	(06010608)	672848.82	4103136.17	16.83373	(06010608)
672860.69	4103114.21	16.79798	(06010608)	672872.56	4103092.25	16.74571	(06010608)
672884.42	4103070.30	16.67936	(06010608)	672896.29	4103048.34	16.59908	(06010608)
672908.16	4103026.38	16.50364	(06010608)	672920.02	4103004.43	16.39623	(06010608)
672931.89	4102982.47	16.37145	(06010608)	672943.76	4102960.51	16.35446	(06010608)
672955.63	4102938.55	16.28919	(06010608)	672967.49	4102916.60	16.14479	(06010608)
672979.36	4102894.64	16.00976	(07121608)	672991.23	4102872.68	15.96264	(07121608)
673003.10	4102850.73	15.90058	(07121608)	673014.96	4102828.77	15.87864c	(04111608)
673026.83	4102806.81	16.01446c	(04111608)	673038.70	4102784.85	16.15470c	(04111608)
673050.57	4102762.90	16.28168c	(04111608)	673062.43	4102740.94	16.40895c	(04111608)
673074.30	4102718.98	16.51310c	(04111608)	673086.17	4102697.03	16.60417c	(04111608)
673098.03	4102675.07	16.69884c	(04111608)	673109.90	4102653.11	16.78784c	(04111608)
673121.77	4102631.15	16.87207c	(04111608)	673133.64	4102609.20	16.94662c	(04111608)
673145.50	4102587.24	16.99515c	(04111608)	673157.37	4102565.28	17.01899c	(04111608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672522.57	4104773.51	8.01911	(05030324)	672504.10	4104789.82	8.25911	(05030324)
672485.62	4104806.12	8.50378	(05030324)	672467.15	4104822.43	8.74732	(05030324)
672448.67	4104838.73	8.99232	(05030324)	672430.20	4104855.04	9.23434	(05030324)
672411.72	4104871.34	9.47265	(05030324)	672393.25	4104887.65	9.70591	(05030324)
672374.77	4104903.95	9.93048	(05030324)	672356.30	4104920.26	10.14547	(05030324)
672337.83	4104936.56	10.34817	(05030324)	672319.35	4104952.87	10.53679	(05030324)
672300.88	4104969.17	10.70913	(05030324)	672282.40	4104985.48	10.86319	(05030324)
672263.93	4105001.78	10.99580	(05030324)	672245.45	4105018.08	11.10863	(05030324)
672226.98	4105034.39	11.19798	(05030324)	672208.50	4105050.69	11.26315	(05030324)
672190.03	4105067.00	11.30761	(05030324)	672171.55	4105083.30	11.32569	(05030324)
672153.08	4105099.61	11.32168	(05030324)	672134.60	4105115.91	11.29619	(05030324)
672116.13	4105132.22	11.25084	(05030324)	672097.66	4105148.52	11.19932	(05030324)
672079.18	4105164.83	11.13797	(05030324)	672060.71	4105181.13	11.06240	(05030324)
672042.23	4105197.44	10.97570	(05030324)	672023.76	4105213.74	10.87506	(05030324)
672005.28	4105230.05	10.76748	(05030324)	671986.81	4105246.35	10.65546	(05030324)
671968.33	4105262.66	10.54294	(05030324)	671949.86	4105278.96	10.43055	(05030324)
671931.38	4105295.27	10.32097	(05030324)	671912.91	4105311.57	10.21389	(05030324)
671894.43	4105327.88	10.11004	(05030324)	671875.96	4105344.18	10.00723	(05030324)
671857.49	4105360.49	9.90578	(05030324)	671839.01	4105376.79	9.80400	(05030324)
671820.54	4105393.10	9.70274	(05030324)	671802.06	4105409.40	9.60260	(05030324)
671783.59	4105425.70	9.56424	(05030324)	671740.48	4105442.47	9.53454	(05030324)
671715.84	4105442.93	9.53306	(05030324)	671691.20	4105443.39	9.45709	(05030324)
671666.57	4105443.85	9.28605	(05030324)	671641.93	4105444.31	8.99385	(05030324)
671617.30	4105444.77	8.71944	(05030324)	671592.66	4105445.23	8.47809	(05030324)
671568.02	4105445.69	8.22324	(05030324)	671543.39	4105446.15	7.94389	(05030324)
671518.75	4105446.61	7.90023c	(08122808)	671494.11	4105447.07	7.93785c	(08122808)
671469.48	4105447.53	7.96787c	(08122808)	671444.84	4105447.99	7.99590c	(08122808)
671420.20	4105448.45	8.04095c	(08122808)	671395.57	4105448.91	8.13271c	(08122808)
671370.93	4105449.37	8.23345c	(08122808)	671346.30	4105449.83	8.29821c	(08122808)
671321.66	4105450.30	8.34879c	(08122808)	671297.02	4105450.76	8.37576c	(08122808)
671272.39	4105451.22	8.36475c	(08122808)	671247.75	4105451.68	8.31045c	(08122808)
671223.11	4105452.14	8.23122c	(08122808)	671198.48	4105452.60	8.23244c	(07120408)
671173.84	4105453.06	8.25826c	(07120408)	671149.21	4105453.52	8.35852c	(07120408)
671124.57	4105453.98	8.44693c	(07120408)	671099.93	4105454.44	8.50469c	(07120408)
671075.30	4105454.90	8.53193c	(07120408)	671050.66	4105455.36	8.51954c	(07120408)
671026.02	4105455.82	8.46298c	(07120408)	671001.39	4105456.28	8.36059c	(07120408)
670976.75	4105456.74	8.21280c	(07120408)	670952.12	4105457.20	8.02252	(06010308)
670927.48	4105457.66	8.21277	(06010308)	670902.84	4105458.12	8.34733	(06010308)
670878.21	4105458.58	8.41738	(06010308)	670853.57	4105459.04	8.42178	(06010308)
670828.93	4105459.50	8.38074	(06010308)	670804.30	4105459.96	8.29293c	(04122424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670779.66	4105460.42	9.01603c	(04122424)	670755.03	4105460.88	9.77110c	(04122424)
672541.05	4104757.21	7.78149	(05030324)	672552.91	4104735.25	7.61807	(05030324)
672564.78	4104713.29	7.45659	(05030324)	672576.65	4104691.34	7.66597c	(05012224)
672588.52	4104669.38	7.98764c	(05012224)	672600.38	4104647.42	8.29080c	(05012224)
672612.25	4104625.47	8.57461c	(05012224)	672624.12	4104603.51	8.83852c	(05012224)
672635.98	4104581.55	9.08238c	(05012224)	672647.85	4104559.59	9.30606c	(05012224)
672659.72	4104537.64	9.50999c	(05012224)	672671.59	4104515.68	9.69437c	(05012224)
672683.45	4104493.72	9.86064c	(05012224)	672695.32	4104471.76	10.00918c	(05012224)
672707.19	4104449.81	10.14108c	(05012224)	672719.06	4104427.85	10.25795c	(05012224)
672730.92	4104405.89	10.36072c	(05012224)	672742.79	4104383.94	10.45057c	(05012224)
672754.66	4104361.98	10.52898c	(05012224)	672766.52	4104340.02	10.59684c	(05012224)
672778.39	4104318.06	10.65556c	(05012224)	672790.26	4104296.11	10.70623c	(05012224)
672802.13	4104274.15	10.77702	(05012008)	672813.99	4104252.19	11.04325	(05012008)
672825.86	4104230.24	11.29677	(05012008)	672837.73	4104208.28	11.53675	(05012008)
672849.60	4104186.32	11.76270	(05012008)	672861.46	4104164.36	11.97350	(05012008)
672873.33	4104142.41	12.16948	(05012008)	672885.20	4104120.45	12.34941	(05012008)
672897.07	4104098.49	12.51489	(05012008)	672908.93	4104076.54	12.66509	(05012008)
672920.80	4104054.58	12.80085	(05012008)	672932.67	4104032.62	12.92265	(05012008)
672944.53	4104010.66	13.03066	(05012008)	672956.40	4103988.71	13.12612	(05012008)
672968.27	4103966.75	13.20949	(05012008)	672980.14	4103944.79	13.28147	(05012008)
672992.00	4103922.83	13.34294	(05012008)	673003.87	4103900.88	13.39505	(05012008)
673015.74	4103878.92	13.46601	(05012008)	673027.61	4103856.96	13.54202	(05012008)
673039.47	4103835.01	13.60170	(05012008)	673051.34	4103813.05	13.63152	(05012008)
673063.21	4103791.09	13.65109	(05012008)	673075.07	4103769.13	13.66331	(05012008)
673086.94	4103747.18	13.66775	(05012008)	673098.81	4103725.22	13.66416	(05012008)
673110.68	4103703.26	13.65198	(05012008)	673122.54	4103681.31	13.63423	(05012008)
673134.41	4103659.35	13.61290	(05012008)	673146.28	4103637.39	13.58788	(05012008)
673158.15	4103615.43	13.55524	(05012008)	673170.01	4103593.48	13.51644	(05012008)
673181.88	4103571.52	13.46894	(05012008)	673193.75	4103549.56	13.41112	(05012008)
673205.62	4103527.61	13.34342	(05012008)	673217.48	4103505.65	13.26726	(05012008)
673229.35	4103483.69	13.18170	(05012008)	673241.22	4103461.73	13.10880	(05012008)
673253.08	4103439.78	13.25403	(06012408)	673264.95	4103417.82	13.31215	(06012408)
673276.82	4103395.86	13.33333	(06012408)	673288.69	4103373.91	13.33109	(06012408)
673300.55	4103351.95	13.30171	(06012408)	673312.42	4103329.99	13.24514	(06010608)
673324.29	4103308.03	13.21088	(06010608)	673336.16	4103286.08	13.16597	(06010608)
673348.02	4103264.12	13.13315	(07121608)	673359.89	4103242.16	13.10255	(07121608)
673371.76	4103220.20	13.07979	(07121608)	673383.62	4103198.25	13.07430	(07121608)
673395.49	4103176.29	13.08997	(07121608)	673407.36	4103154.33	13.10247	(07121608)
673419.23	4103132.38	13.09168	(07121608)	673431.09	4103110.42	13.05021	(07121608)
673442.96	4103088.46	13.01019	(07121608)	673454.83	4103066.50	12.97403	(07121608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673466.70	4103044.55	12.94746	(07121608)	673478.56	4103022.59	12.90685	(07121608)
673490.43	4103000.63	12.83742	(07011408)	673502.30	4102978.68	12.90113	(07011408)
673514.17	4102956.72	13.03488	(07011408)	673526.03	4102934.76	13.21414	(07011408)
673537.90	4102912.80	13.36763	(07011408)	673549.77	4102890.85	13.55421	(07011408)
673561.63	4102868.89	13.68540	(07011408)	673573.50	4102846.93	13.84708	(07011408)
673585.37	4102824.98	13.98580	(07011408)	673597.24	4102803.02	13.95348	(07011408)
672962.44	4105011.25	6.06915	(06102624)	672943.96	4105027.55	6.10156	(06102624)
672925.49	4105043.86	6.12765	(06102624)	672907.01	4105060.16	6.14831	(06102624)
672888.54	4105076.47	6.16313	(06102624)	672870.06	4105092.77	6.17149	(06102624)
672851.59	4105109.08	6.17260	(06102624)	672833.11	4105125.38	6.16713	(06102624)
672814.64	4105141.69	6.15373	(06102624)	672796.17	4105157.99	6.13309	(06102624)
672777.69	4105174.30	6.10404	(06102624)	672759.22	4105190.60	6.15047	(05030324)
672740.74	4105206.91	6.30026	(05030324)	672722.27	4105223.21	6.45216	(05030324)
672703.79	4105239.52	6.60607	(05030324)	672685.32	4105255.82	6.76764	(05030324)
672666.84	4105272.13	6.94526	(05030324)	672648.37	4105288.43	7.13309	(05030324)
672629.89	4105304.74	7.30548	(05030324)	672611.42	4105321.04	7.47104	(05030324)
672592.94	4105337.34	7.63717	(05030324)	672574.47	4105353.65	7.80699	(05030324)
672556.00	4105369.95	7.98690	(05030324)	672537.52	4105386.26	8.18622	(05030324)
672519.05	4105402.56	8.41711	(05030324)	672500.57	4105418.87	8.67092	(05030324)
672482.10	4105435.17	8.95847	(05030324)	672463.62	4105451.48	9.25529	(05030324)
672445.15	4105467.78	9.42581	(05030324)	672426.67	4105484.09	9.55587	(05030324)
672408.20	4105500.39	9.63047	(05030324)	672389.72	4105516.70	9.61110	(05030324)
672371.25	4105533.00	9.64980	(05030324)	672352.77	4105549.31	9.70824	(05030324)
672334.30	4105565.61	9.79195	(05030324)	672315.83	4105581.92	9.86270	(05030324)
672297.35	4105598.22	9.92029	(05030324)	672278.88	4105614.53	9.94395	(05030324)
672260.40	4105630.83	9.94435	(05030324)	672241.93	4105647.14	9.94294	(05030324)
672223.45	4105663.44	9.85347	(05030324)	672204.98	4105679.75	9.50249	(05030324)
672186.50	4105696.05	9.25474	(05030324)	672168.03	4105712.36	9.04633	(05030324)
672149.55	4105728.66	8.87879	(05030324)	672131.08	4105744.96	8.75497	(05030324)
672112.61	4105761.27	8.66893	(05030324)	672094.13	4105777.57	8.60596	(05030324)
672075.66	4105793.88	8.59006	(05030324)	672057.18	4105810.18	8.57865	(05030324)
672038.71	4105826.49	8.57707	(05030324)	672020.23	4105842.79	8.59958	(05030324)
672001.76	4105859.10	8.62507	(05030324)	671983.28	4105875.40	8.64211	(05030324)
671964.81	4105891.71	8.63718	(05030324)	671921.70	4105908.47	8.45179	(05030324)
671897.06	4105908.93	8.28989	(05030324)	671872.42	4105909.39	8.17474	(05030324)
671847.79	4105909.85	8.05667	(05030324)	671823.15	4105910.31	7.93124	(05030324)
671798.52	4105910.77	7.79026	(05030324)	671773.88	4105911.23	7.64146	(05030324)
671749.24	4105911.70	7.47885	(05030324)	671724.61	4105912.16	7.30562	(05030324)
671699.97	4105912.62	7.12455	(05030324)	671675.33	4105913.08	6.96643	(05030324)
671650.70	4105913.54	6.82593	(05030324)	671626.06	4105914.00	6.71341	(05030324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671601.43	4105914.46	6.67220	(05030324)	671576.79	4105914.92	6.57056	(05030324)
671552.15	4105915.38	6.55497c	(08122808)	671527.52	4105915.84	6.52534c	(08122808)
671502.88	4105916.30	6.49682c	(08122808)	671478.24	4105916.76	6.50290c	(08122808)
671453.61	4105917.22	6.50684c	(08122808)	671428.97	4105917.68	6.49960c	(08122808)
671404.34	4105918.14	6.48846c	(08122808)	671379.70	4105918.60	6.48754c	(08122808)
671355.06	4105919.06	6.52165c	(08122808)	671330.43	4105919.52	6.57867c	(08122808)
671305.79	4105919.98	6.66223c	(08122808)	671281.15	4105920.44	6.76922c	(08122808)
671256.52	4105920.90	6.81268c	(07120408)	671231.88	4105921.36	6.99918c	(07120408)
671207.25	4105921.82	7.08575c	(07120408)	671182.61	4105922.28	7.16549c	(07120408)
671157.97	4105922.74	7.18650c	(07120408)	671133.34	4105923.20	7.11407c	(07120408)
671108.70	4105923.66	7.02985c	(07120408)	671084.06	4105924.12	7.08604c	(07120408)
671059.43	4105924.58	7.14254c	(07120408)	671034.79	4105925.04	7.16240c	(07120408)
671010.16	4105925.50	7.15039c	(07120408)	670985.52	4105925.96	7.10506c	(07120408)
670960.88	4105926.43	7.02943c	(07120408)	670936.25	4105926.89	6.93922c	(07120408)
670911.61	4105927.35	6.83381c	(07120408)	670886.97	4105927.81	6.78194	(06010308)
670862.34	4105928.27	7.01889	(06010308)	670837.70	4105928.73	7.21796	(06010308)
670813.07	4105929.19	7.43295	(06010308)	670788.43	4105929.65	7.60663	(06010308)
670763.79	4105930.11	7.75148	(06010308)	670739.16	4105930.57	7.98375	(06010308)
670714.52	4105931.03	8.07295	(06010308)	670689.88	4105931.49	7.91161	(06010308)
670665.25	4105931.95	8.16474c	(04122424)	670640.61	4105932.41	8.53172c	(04122424)
670615.98	4105932.87	8.86647c	(04122424)	670591.34	4105933.33	9.26489c	(04122424)
672980.91	4104994.94	6.27004c	(05012224)	672992.78	4104972.99	6.52086c	(05012224)
673004.65	4104951.03	6.76262c	(05012224)	673016.51	4104929.07	6.99405c	(05012224)
673028.38	4104907.12	7.21486c	(05012224)	673040.25	4104885.16	7.42430c	(05012224)
673052.12	4104863.20	7.62232c	(05012224)	673063.98	4104841.24	7.80846c	(05012224)
673075.85	4104819.29	7.98274c	(05012224)	673087.72	4104797.33	8.14500c	(05012224)
673099.58	4104775.37	8.29580c	(05012224)	673111.45	4104753.42	8.43469c	(05012224)
673123.32	4104731.46	8.56274c	(05012224)	673135.19	4104709.50	8.67980c	(05012224)
673147.05	4104687.54	8.78674c	(05012224)	673158.92	4104665.59	8.88398c	(05012224)
673170.79	4104643.63	8.97177c	(05012224)	673182.66	4104621.67	9.05134c	(05012224)
673194.52	4104599.71	9.12286c	(05012224)	673206.39	4104577.76	9.18708c	(05012224)
673218.26	4104555.80	9.24437c	(05012224)	673230.12	4104533.84	9.29536c	(05012224)
673241.99	4104511.89	9.34053c	(05012224)	673253.86	4104489.93	9.38056c	(05012224)
673265.73	4104467.97	9.41617c	(05012224)	673277.59	4104446.01	9.44770c	(05012224)
673289.46	4104424.06	9.47547c	(05012224)	673301.33	4104402.10	9.65814	(05012008)
673313.20	4104380.14	9.84100	(05012008)	673325.06	4104358.19	10.01506	(05012008)
673336.93	4104336.23	10.18027	(05012008)	673348.80	4104314.27	10.33568	(05012008)
673360.67	4104292.31	10.49044	(05012008)	673372.53	4104270.36	10.69124	(05012008)
673384.40	4104248.40	10.83761	(05012008)	673396.27	4104226.44	10.92525	(05012008)
673408.13	4104204.49	11.01014	(05012008)	673420.00	4104182.53	11.10671	(05012008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673431.87	4104160.57	11.22622	(05012008)	673443.74	4104138.61	11.35110	(05012008)
673455.60	4104116.66	11.46434	(05012008)	673467.47	4104094.70	11.56173	(05012008)
673479.34	4104072.74	11.59406	(05012008)	673491.21	4104050.79	11.59543	(05012008)
673503.07	4104028.83	11.61653	(05012008)	673514.94	4104006.87	11.64639	(05012008)
673526.81	4103984.91	11.66280	(05012008)	673538.67	4103962.96	11.66337	(05012008)
673550.54	4103941.00	11.66630	(05012008)	673562.41	4103919.04	11.66376	(05012008)
673574.28	4103897.08	11.63943	(05012008)	673586.14	4103875.13	11.60543	(05012008)
673598.01	4103853.17	11.56815	(05012008)	673609.88	4103831.21	11.52777	(05012008)
673621.75	4103809.26	11.48091	(05012008)	673633.61	4103787.30	11.42360	(05012008)
673645.48	4103765.34	11.35470	(05012008)	673657.35	4103743.38	11.27631	(05012008)
673669.22	4103721.43	11.19123	(05012008)	673681.08	4103699.47	11.09402	(05012008)
673692.95	4103677.51	11.09804	(07121608)	673704.82	4103655.56	11.13417	(07121608)
673716.68	4103633.60	11.16475	(07121608)	673728.55	4103611.64	11.19636	(07121608)
673740.42	4103589.68	11.23168	(07121608)	673752.29	4103567.73	11.27556	(07121608)
673764.15	4103545.77	11.32890	(07121608)	673776.02	4103523.81	11.38334	(07121608)
673787.89	4103501.86	11.41074	(07121608)	673799.76	4103479.90	11.42508	(07121608)
673811.62	4103457.94	11.42098	(07121608)	673823.49	4103435.98	11.39113	(07121608)
673835.36	4103414.03	11.33799	(07121608)	673847.22	4103392.07	11.28383	(07121608)
673859.09	4103370.11	11.27189	(07121608)	673870.96	4103348.15	11.29073	(07121608)
673882.83	4103326.20	11.26486	(07121608)	673894.69	4103304.24	11.21854	(07121608)
673906.56	4103282.28	11.15557	(07121608)	673918.43	4103260.33	11.07684	(07121608)
673930.30	4103238.37	11.00405	(07121608)	673942.16	4103216.41	10.95617	(07011408)
673954.03	4103194.45	10.98331	(07011408)	673965.90	4103172.50	11.00295	(07011408)
673977.77	4103150.54	11.01440	(07011408)	673989.63	4103128.58	11.01910	(07011408)
674001.50	4103106.63	11.02407	(07011408)	674013.37	4103084.67	11.02472	(07011408)
674025.23	4103062.71	11.02630	(07011408)	674037.10	4103040.75	11.02388	(07011408)
672288.44	4102067.26	35.44851c	(07010408)	672266.11	4102056.56	36.27350c	(07010408)
672243.78	4102045.86	36.95854c	(07010408)	672221.44	4102035.16	37.46007c	(07010408)
672199.11	4102024.46	37.91813c	(04022208)	672176.77	4102013.76	42.47854c	(04022208)
672154.44	4102003.06	47.41192c	(04022208)	672132.11	4101992.36	52.75500c	(04022208)
672109.77	4101981.65	58.48238c	(04022208)	672087.44	4101970.95	64.67508c	(04022208)
672065.11	4101960.25	71.20437c	(04022208)	672042.77	4101949.55	77.37209c	(04022208)
672020.44	4101938.85	83.03104c	(04022208)	671998.11	4101928.15	88.50240c	(04022208)
671975.77	4101917.45	92.43605c	(04022208)	671953.44	4101906.74	94.10401c	(04022208)
671931.10	4101896.04	89.84364c	(04022208)	671908.77	4101885.34	82.72398c	(04022208)
671886.44	4101874.64	75.64783c	(04022208)	671864.10	4101863.94	67.87922c	(04022208)
671841.77	4101853.24	58.32171c	(04022208)	671819.44	4101842.54	49.94727c	(04022208)
671797.10	4101831.84	35.72912c	(04022208)	671774.77	4101821.13	23.95858	(08111508)
671752.43	4101810.43	22.02147	(08111508)	671730.10	4101799.73	22.00333	(08111508)
671707.77	4101789.03	21.22810	(08111508)	671685.43	4101778.33	20.37135	(08111508)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671663.10	4101767.63	20.41423	(06020208)	671640.77	4101756.93	21.58521	(06020208)
671618.43	4101746.22	22.40800	(06020208)	672312.22	4102059.54	34.26389c	(07010408)
672276.91	4102034.02	35.04842c	(07010408)	672254.58	4102023.32	35.42810c	(07010408)
672232.24	4102012.62	35.61433c	(07010408)	672209.91	4102001.91	38.36810c	(04022208)
672187.58	4101991.21	42.91356c	(04022208)	672165.24	4101980.51	47.69015c	(04022208)
672142.91	4101969.81	52.67129c	(04022208)	672120.58	4101959.11	57.90641c	(04022208)
672098.24	4101948.41	63.12462c	(04022208)	672075.91	4101937.71	68.81387c	(04022208)
672053.58	4101927.00	74.38189c	(04022208)	672031.24	4101916.30	79.34807c	(04022208)
672008.91	4101905.60	84.19380c	(04022208)	671986.57	4101894.90	87.44493c	(04022208)
671964.24	4101884.20	88.11320c	(04022208)	671941.91	4101873.50	84.20236c	(04022208)
671919.57	4101862.80	77.79511c	(04022208)	671897.24	4101852.10	71.38656c	(04022208)
671874.91	4101841.39	65.86021c	(04022208)	671852.57	4101830.69	58.62021c	(04022208)
671830.24	4101819.99	49.22345c	(04022208)	671807.90	4101809.29	36.47071c	(04022208)
671785.57	4101798.59	24.02431	(08111508)	671763.24	4101787.89	21.30857	(08111508)
671740.90	4101777.19	21.77408	(08111508)	671718.57	4101766.48	21.09468	(08111508)
671696.24	4101755.78	20.30770	(08111508)	671673.90	4101745.08	19.45639	(08111508)
671651.57	4101734.38	20.44718	(06020208)	672323.02	4102036.99	33.37558c	(07010408)
672347.18	4102086.24	33.59635	(04121024)	672287.71	4102011.47	33.65430c	(07010408)
672265.38	4102000.77	33.77367c	(07010408)	672243.05	4101990.07	34.66323c	(04022208)
672220.71	4101979.37	38.66445c	(04022208)	672198.38	4101968.67	43.14149c	(04022208)
672176.05	4101957.97	47.68115c	(04022208)	672153.71	4101947.26	52.41349c	(04022208)
672131.38	4101936.56	57.25476c	(04022208)	672109.05	4101925.86	61.85499c	(04022208)
672086.71	4101915.16	66.44422c	(04022208)	672064.38	4101904.46	71.36024c	(04022208)
672042.04	4101893.76	75.79504c	(04022208)	672019.71	4101883.06	79.84130c	(04022208)
671997.38	4101872.35	82.57737c	(04022208)	671975.04	4101861.65	82.71695c	(04022208)
671952.71	4101850.95	78.93661c	(04022208)	671930.38	4101840.25	73.34385c	(04022208)
671908.04	4101829.55	68.52725c	(04022208)	671885.71	4101818.85	62.37650c	(04022208)
671863.38	4101808.15	55.88889c	(04022208)	671841.04	4101797.45	49.44516c	(04022208)
671818.71	4101786.74	36.35781c	(04022208)	671796.37	4101776.04	23.88088	(08111508)
671774.04	4101765.34	21.15187	(08111508)	671751.71	4101754.64	21.48040	(08111508)
671729.37	4101743.94	20.90849	(08111508)	671707.04	4101733.24	20.20720	(08111508)
671684.71	4101722.54	19.42008	(08111508)	671662.37	4101711.83	19.10678	(06020208)
671640.04	4101701.13	20.37315	(06020208)	672333.82	4102014.45	32.33430c	(07010408)
672359.77	4102044.08	32.22039c	(07010408)	672370.96	4102078.52	32.49532	(04121024)
672298.52	4101988.93	32.15944c	(07010408)	672276.18	4101978.23	32.04485c	(07010408)
672253.85	4101967.52	35.06651c	(04022208)	672231.52	4101956.82	38.97463c	(04022208)
672209.18	4101946.12	43.25611c	(04022208)	672186.85	4101935.42	47.51826c	(04022208)
672164.52	4101924.72	51.90291c	(04022208)	672142.18	4101914.02	56.47167c	(04022208)
672119.85	4101903.32	60.68654c	(04022208)	672097.51	4101892.61	64.58196c	(04022208)
672075.18	4101881.91	68.52493c	(04022208)	672052.85	4101871.21	72.26974c	(04022208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672030.51	4101860.51	75.63448c (04022208)	672008.18	4101849.81	77.93806c (04022208)
671985.85	4101839.11	77.81611c (04022208)	671963.51	4101828.41	74.40596c (04022208)
671941.18	4101817.71	69.83149c (04022208)	671918.85	4101807.00	64.72123c (04022208)
671896.51	4101796.30	59.06663c (04022208)	671874.18	4101785.60	53.23431c (04022208)
671851.84	4101774.90	47.52697c (04022208)	671829.51	4101764.20	36.02364c (04022208)
671807.18	4101753.50	23.60625 (08111508)	671784.84	4101742.80	20.60844 (08111508)
671762.51	4101732.09	21.12290 (08111508)	671740.18	4101721.39	20.66455 (08111508)
671717.84	4101710.69	20.05592 (08111508)	671695.51	4101699.99	19.34626 (08111508)
671673.17	4101689.29	18.56391 (08111508)	672358.02	4101972.32	30.04939c (07010408)
672373.59	4101990.10	30.38860c (07010408)	672389.16	4102007.88	30.42984c (07010408)
672404.73	4102025.67	30.25337c (07010408)	672418.16	4102066.98	30.57371 (04121024)
672416.02	4102090.52	31.27602 (04121024)	672413.88	4102114.06	31.76161 (04121024)
672411.74	4102137.59	32.02610 (04121024)	672342.46	4101954.54	29.47204c (07010408)
672320.12	4101943.84	29.16954c (07010408)	672297.79	4101933.13	32.21783c (04022208)
672275.46	4101922.43	35.75213c (04022208)	672253.12	4101911.73	39.51107c (04022208)
672230.79	4101901.03	43.33940c (04022208)	672208.45	4101890.33	47.07919c (04022208)
672186.12	4101879.63	50.93322c (04022208)	672163.79	4101868.93	54.77777c (04022208)
672141.45	4101858.23	58.27025c (04022208)	672119.12	4101847.52	61.05285c (04022208)
672096.79	4101836.82	64.54682c (04022208)	672074.45	4101826.12	66.50811c (04022208)
672052.12	4101815.42	67.96869c (04022208)	672029.79	4101804.72	69.36214c (04022208)
672007.45	4101794.02	69.34837c (04022208)	671985.12	4101783.32	66.30201c (04022208)
671962.78	4101772.61	62.35053c (04022208)	671940.45	4101761.91	57.93088c (04022208)
671918.12	4101751.21	52.82734c (04022208)	671895.78	4101740.51	47.92187c (04022208)
671873.45	4101729.81	43.71105c (04022208)	671851.12	4101719.11	34.93046c (04022208)
671828.78	4101708.41	23.20460c (04050608)	671806.45	4101697.71	19.65172 (08111508)
671784.12	4101687.00	20.24259 (08111508)	671761.78	4101676.30	20.00600 (08111508)
671739.45	4101665.60	19.59382 (08111508)	671717.11	4101654.90	19.05107 (08111508)
671694.78	4101644.20	18.41339 (08111508)	671672.45	4101633.50	17.70343 (08111508)
672378.89	4101926.38	27.57761c (07010408)	672408.54	4101960.25	28.40729c (07010408)
672423.37	4101977.19	28.57597c (07010408)	672453.02	4102011.06	28.50794c (07010408)
672465.81	4102050.41	28.73704 (04121024)	672461.74	4102095.24	29.99214 (04121024)
672459.70	4102117.66	30.40570 (04121024)	672455.62	4102162.49	30.73207 (04121024)
672364.06	4101909.45	26.93142c (04022208)	672341.73	4101898.74	29.83403c (04022208)
672319.40	4101888.04	33.00396c (04022208)	672297.06	4101877.34	36.44925c (04022208)
672274.73	4101866.64	40.05862c (04022208)	672252.39	4101855.94	43.65600c (04022208)
672230.06	4101845.24	47.47766c (04022208)	672207.73	4101834.54	50.89437c (04022208)
672185.39	4101823.84	54.23295c (04022208)	672163.06	4101813.13	56.92618c (04022208)
672140.73	4101802.43	58.45262c (04022208)	672118.39	4101791.73	59.57875c (04022208)
672096.06	4101781.03	61.14307c (04022208)	672073.72	4101770.33	61.58122c (04022208)
672051.39	4101759.63	61.93071c (04022208)	672029.06	4101748.93	61.90404c (04022208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672006.72	4101738.22	59.56382c (04022208)	671984.39	4101727.52	56.02790c (04022208)
671962.06	4101716.82	52.07432c (04022208)	671939.72	4101706.12	47.30868c (04022208)
671917.39	4101695.42	43.10094c (04022208)	671895.06	4101684.72	40.19709c (04022208)
671872.72	4101674.02	33.66361c (04022208)	671850.39	4101663.32	22.98987c (04050608)
671828.05	4101652.61	18.50290 (08111508)	671805.72	4101641.91	19.21451 (08111508)
671783.39	4101631.21	19.15894 (08111508)	671761.05	4101620.51	18.93745 (08111508)
671738.72	4101609.81	18.56596 (08111508)	671716.39	4101599.11	18.08236 (08111508)
671694.05	4101588.41	17.50992 (08111508)	672401.88	4101882.88	25.33576c (07010408)
672418.10	4101901.40	26.09468c (07010408)	672434.32	4101919.92	26.64991c (07010408)
672450.53	4101938.45	26.98393c (07010408)	672466.75	4101956.97	27.11326c (07010408)
672482.97	4101975.49	27.14037c (07010408)	672499.18	4101994.02	27.09394c (07010408)
672513.17	4102037.06	27.35909 (04121024)	672510.94	4102061.57	28.12741 (04121024)
672508.71	4102086.09	28.71698 (04121024)	672506.49	4102110.61	29.12300 (04121024)
672504.26	4102135.13	29.39638 (04121024)	672502.03	4102159.64	29.54779 (04121024)
672499.80	4102184.16	29.49764 (04121024)	672385.67	4101864.36	27.69568c (04022208)
672363.33	4101853.65	30.49920c (04022208)	672341.00	4101842.95	33.46437c (04022208)
672318.67	4101832.25	36.62572c (04022208)	672296.33	4101821.55	40.00718c (04022208)
672274.00	4101810.85	43.43501c (04022208)	672251.67	4101800.15	46.69404c (04022208)
672229.33	4101789.45	49.72665c (04022208)	672207.00	4101778.74	52.34164c (04022208)
672184.67	4101768.04	54.34937c (04022208)	672162.33	4101757.34	55.56351c (04022208)
672140.00	4101746.64	55.74536c (04022208)	672117.66	4101735.94	56.08691c (04022208)
672095.33	4101725.24	56.16171c (04022208)	672073.00	4101714.54	55.70757c (04022208)
672050.66	4101703.84	55.11251c (04022208)	672028.33	4101693.13	53.47954c (04022208)
672006.00	4101682.43	50.53743c (04022208)	671983.66	4101671.73	46.80589c (04022208)
671961.33	4101661.03	42.88483c (04022208)	671938.99	4101650.33	39.56553c (04022208)
671916.66	4101639.63	37.12140c (04022208)	671894.33	4101628.93	32.22999c (04022208)
671871.99	4101618.22	22.64121c (04050608)	671849.66	4101607.52	17.81217c (04050608)
671827.33	4101596.82	18.03045 (08111508)	671804.99	4101586.12	18.18803 (08111508)
671782.66	4101575.42	18.13013 (08111508)	671760.33	4101564.72	17.91640 (08111508)
671737.99	4101554.02	17.58254 (08111508)	671715.66	4101543.32	17.14979 (08111508)
672437.40	4101807.17	26.26468c (04022208)	672453.13	4101825.13	23.98751c (04022208)
672468.85	4101843.09	23.13962c (07010408)	672484.58	4101861.05	23.77072c (07010408)
672500.30	4101879.01	24.28879c (07010408)	672516.03	4101896.97	24.69048c (07010408)
672531.75	4101914.94	24.89825c (07010408)	672547.48	4101932.90	24.99319c (07010408)
672563.20	4101950.86	25.04774c (07010408)	672578.93	4101968.82	25.06216c (07010408)
672592.49	4102010.56	25.46673c (07010408)	672590.33	4102034.33	26.28395 (04121024)
672588.17	4102058.11	27.13147 (04121024)	672586.01	4102081.88	28.03085 (04121024)
672583.85	4102105.65	28.77531 (04121024)	672581.69	4102129.43	29.26920 (04121024)
672579.53	4102153.20	29.55395 (04121024)	672577.37	4102176.98	29.80140 (04121024)
672575.21	4102200.75	29.65516 (04121024)	672573.04	4102224.53	28.91276 (04121024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672421.68	4101789.20	28.63216c (04022208)	672399.34	4101778.50	31.28148c (04022208)
672377.01	4101767.80	34.02471c (04022208)	672354.68	4101757.10	36.82724c (04022208)
672332.34	4101746.40	39.63132c (04022208)	672310.01	4101735.70	42.33943c (04022208)
672287.68	4101725.00	44.85605c (04022208)	672265.34	4101714.29	47.06731c (04022208)
672243.01	4101703.59	48.87400c (04022208)	672220.67	4101692.89	50.21409c (04022208)
672198.34	4101682.19	51.19684c (04022208)	672176.01	4101671.49	51.70931c (04022208)
672153.67	4101660.79	49.91289c (04022208)	672131.34	4101650.09	50.07787c (04022208)
672109.01	4101639.38	48.58248c (04022208)	672086.67	4101628.68	46.76061c (04022208)
672064.34	4101617.98	44.59063c (04022208)	672042.01	4101607.28	42.02040c (04022208)
672019.67	4101596.58	39.19830c (04022208)	671997.34	4101585.88	36.51545c (04022208)
671975.00	4101575.18	34.02503c (04022208)	671952.67	4101564.48	32.38248c (04022208)
671930.34	4101553.77	30.54088c (04022208)	671908.00	4101543.07	22.21261c (04022208)
671885.67	4101532.37	17.81912c (04050608)	671863.34	4101521.67	16.10305 (08111508)
671841.00	4101510.97	16.46615 (08111508)	671818.67	4101500.27	16.61283 (08111508)
671796.34	4101489.57	16.60966 (08111508)	671774.00	4101478.86	16.47897 (08111508)
671751.67	4101468.16	16.24908 (08111508)	672473.13	4101731.69	27.20911c (04022208)
672488.58	4101749.33	25.06508c (04022208)	672504.02	4101766.97	22.96967c (04022208)
672519.46	4101784.62	21.72687 (07012724)	672534.91	4101802.26	21.09371c (07010408)
672550.35	4101819.90	21.55214c (07010408)	672565.80	4101837.54	21.96109c (07010408)
672581.24	4101855.18	22.31719c (07010408)	672596.68	4101872.82	22.59589c (07010408)
672612.13	4101890.46	22.85169c (07010408)	672627.57	4101908.10	23.06717c (07010408)
672643.02	4101925.74	23.20844c (07010408)	672658.46	4101943.38	23.22854c (07010408)
672671.78	4101984.37	23.29527c (07010408)	672669.66	4102007.72	23.63155 (04121024)
672667.54	4102031.07	24.25109 (04121024)	672665.42	4102054.42	24.86716 (04121024)
672663.29	4102077.77	25.59422 (04121024)	672661.17	4102101.12	26.32376 (04121024)
672659.05	4102124.47	26.73051 (04121024)	672656.93	4102147.82	27.09627 (04121024)
672654.81	4102171.17	27.49871 (04121024)	672652.68	4102194.52	27.74550 (04121024)
672650.56	4102217.87	28.05685 (04121024)	672648.44	4102241.22	28.09548c (07020508)
672646.32	4102264.57	28.12122c (07020508)	672457.69	4101714.05	29.35772c (04022208)
672435.35	4101703.35	31.72605c (04022208)	672413.02	4101692.65	34.13251c (04022208)
672390.69	4101681.95	36.52947c (04022208)	672368.35	4101671.25	38.82870c (04022208)
672346.02	4101660.55	40.94999c (04022208)	672323.69	4101649.84	42.80028c (04022208)
672301.35	4101639.14	44.33344c (04022208)	672279.02	4101628.44	45.47737c (04022208)
672256.68	4101617.74	46.13946c (04022208)	672234.35	4101607.04	46.27664c (04022208)
672212.02	4101596.34	45.75334c (04022208)	672189.68	4101585.64	44.81771c (04022208)
672167.35	4101574.93	43.73670c (04022208)	672145.02	4101564.23	42.42130c (04022208)
672122.68	4101553.53	40.79231c (04022208)	672100.35	4101542.83	38.96687c (04022208)
672078.01	4101532.13	36.87447c (04022208)	672055.68	4101521.43	34.63118c (04022208)
672033.35	4101510.73	32.44630c (04022208)	672011.01	4101500.03	30.48540c (04022208)
671988.68	4101489.32	28.74914c (04022208)	671966.35	4101478.62	27.36217c (04022208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671944.01	4101467.92	21.35792c (04022208)	671921.68	4101457.22	17.65574c (04050608)
671899.35	4101446.52	14.95928c (04050608)	671877.01	4101435.82	14.80413 (08111508)
671854.68	4101425.12	15.07861 (08111508)	671832.34	4101414.41	15.21201 (08111508)
671810.01	4101403.71	15.22386 (08111508)	671787.68	4101393.01	15.13744 (08111508)
672509.91	4101657.42	28.07286c (04022208)	672526.13	4101675.95	25.79946c (04022208)
672542.35	4101694.47	23.58823c (04022208)	672558.56	4101712.99	21.50177c (04022208)
672574.78	4101731.52	20.74471 (07012724)	672590.99	4101750.04	20.04487 (07012724)
672607.21	4101768.56	19.47581c (07010408)	672623.43	4101787.08	19.82567c (07010408)
672639.64	4101805.61	20.16897c (07010408)	672655.86	4101824.13	20.54477c (07010408)
672672.08	4101842.65	20.93679c (07010408)	672688.29	4101861.18	21.47842c (07010408)
672704.51	4101879.70	22.00537c (07010408)	672720.72	4101898.22	22.21644c (07010408)
672736.94	4101916.74	22.23570c (07010408)	672750.93	4101959.79	21.95690c (05121508)
672748.70	4101984.30	22.22866c (05121508)	672746.47	4102008.82	22.56688c (05121508)
672744.24	4102033.34	22.97297c (05121508)	672742.02	4102057.85	23.37314 (04121024)
672739.79	4102082.37	24.07732 (04121024)	672737.56	4102106.89	24.67905 (04121024)
672735.33	4102131.41	25.27364 (04121024)	672733.10	4102155.92	25.72591c (07020508)
672730.87	4102180.44	26.43806c (07020508)	672728.65	4102204.96	26.72952c (07020508)
672726.42	4102229.48	26.82009c (07020508)	672724.19	4102253.99	26.80458c (07020508)
672721.96	4102278.51	26.72387c (07020508)	672719.73	4102303.03	26.50473c (07020508)
672493.70	4101638.90	30.21389c (04022208)	672471.36	4101628.20	32.45909c (04022208)
672449.03	4101617.50	34.59221c (04022208)	672426.70	4101606.80	36.40053c (04022208)
672404.36	4101596.09	37.98683c (04022208)	672382.03	4101585.39	39.43061c (04022208)
672359.69	4101574.69	40.66431c (04022208)	672337.36	4101563.99	41.63316c (04022208)
672315.03	4101553.29	42.29345c (04022208)	672292.69	4101542.59	42.59965c (04022208)
672270.36	4101531.89	42.48602c (04022208)	672248.03	4101521.19	42.00384c (04022208)
672225.69	4101510.48	40.98744c (04022208)	672203.36	4101499.78	39.54939c (04022208)
672181.03	4101489.08	37.66038c (04022208)	672158.69	4101478.38	36.31685c (04022208)
672136.36	4101467.68	34.87995c (04022208)	672114.02	4101456.98	33.09403c (04022208)
672091.69	4101446.28	31.25641c (04022208)	672069.36	4101435.57	29.44328c (04022208)
672047.02	4101424.87	27.66852c (04022208)	672024.69	4101414.17	26.02011c (04022208)
672002.36	4101403.47	24.56969c (04022208)	671980.02	4101392.77	20.53398c (04022208)
671957.69	4101382.07	17.28534c (04050608)	671935.35	4101371.37	14.63717c (04050608)
671913.02	4101360.67	13.59724 (07042008)	671890.69	4101349.96	13.93485 (07042008)
671868.35	4101339.26	14.02891 (07042008)	671846.02	4101328.56	13.98571 (08111508)
671823.69	4101317.86	13.99169 (08111508)	672617.94	4101431.97	27.28502c (04022208)
672634.16	4101450.49	25.95394c (04022208)	672650.37	4101469.01	24.52750c (04022208)
672666.59	4101487.54	23.41643c (04022208)	672682.81	4101506.06	21.77468c (04022208)
672699.02	4101524.58	20.01157 (07012724)	672715.24	4101543.11	19.73322 (07012724)
672731.46	4101561.63	19.20319 (07012724)	672747.67	4101580.15	19.26373 (07012724)
672763.89	4101598.68	19.44405 (07012724)	672780.10	4101617.20	18.56017 (07012724)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672796.32	4101635.72	18.09268	(07012724)	672812.54	4101654.24	17.53314	(07012724)
672828.75	4101672.77	17.70296	(08121124)	672844.97	4101691.29	17.92145	(08121124)
672861.19	4101709.81	18.03907	(08121124)	672877.40	4101728.34	18.13675	(08121124)
672893.62	4101746.86	18.24803	(08121124)	672909.83	4101765.38	18.31259	(08121124)
672926.05	4101783.90	18.39069	(08121124)	672942.27	4101802.43	18.44665	(08121124)
672958.48	4101820.95	18.44933	(08121124)	672974.70	4101839.47	18.36516	(08121124)
672988.69	4101882.51	18.61406c	(05121508)	672986.46	4101907.03	18.98527c	(05121508)
672984.23	4101931.55	19.31316c	(05121508)	672982.00	4101956.07	19.58132c	(05121508)
672979.77	4101980.58	19.81632c	(05121508)	672977.55	4102005.10	19.99942c	(05121508)
672975.32	4102029.62	20.10401c	(05121508)	672973.09	4102054.14	20.16744c	(05121508)
672970.86	4102078.65	20.16866c	(05121508)	672968.63	4102103.17	20.45293c	(07020508)
672966.41	4102127.69	20.69577c	(07020508)	672964.18	4102152.21	20.83597c	(07020508)
672961.95	4102176.72	20.88519c	(07020508)	672959.72	4102201.24	20.85715c	(07020508)
672957.49	4102225.76	20.79220c	(07020508)	672955.26	4102250.27	20.75695c	(07020508)
672953.04	4102274.79	20.84948c	(07020508)	672950.81	4102299.31	20.99381c	(07020508)
672948.58	4102323.83	21.20707c	(07020508)	672946.35	4102348.34	21.27251c	(07020508)
672944.12	4102372.86	21.11680c	(07020508)	672941.89	4102397.38	20.77229c	(07020508)
672939.67	4102421.90	20.36710c	(04111608)	672601.72	4101413.45	28.49539c	(04022208)
672579.39	4101402.74	29.79654c	(04022208)	672557.06	4101392.04	30.97897c	(04022208)
672534.72	4101381.34	32.02921c	(04022208)	672512.39	4101370.64	32.90088c	(04022208)
672490.06	4101359.94	33.57328c	(04022208)	672467.72	4101349.24	34.01265c	(04022208)
672445.39	4101338.54	34.20111c	(04022208)	672423.06	4101327.83	34.11678c	(04022208)
672400.72	4101317.13	33.74927c	(04022208)	672378.39	4101306.43	33.12196c	(04022208)
672356.05	4101295.73	32.31406c	(04022208)	672333.72	4101285.03	31.28590c	(04022208)
672311.39	4101274.33	30.06602c	(04022208)	672289.05	4101263.63	28.70338c	(04022208)
672266.72	4101252.93	27.24395c	(04022208)	672244.39	4101242.22	25.74707c	(04022208)
672222.05	4101231.52	24.18247c	(04022208)	672199.72	4101220.82	22.58828c	(04022208)
672177.39	4101210.12	21.48696c	(04022208)	672155.05	4101199.42	20.39971c	(04022208)
672132.72	4101188.72	19.29270c	(04022208)	672110.38	4101178.02	16.73618c	(04022208)
672088.05	4101167.31	16.14250c	(04050608)	672065.72	4101156.61	15.49143c	(04050608)
672043.38	4101145.91	13.83368c	(04050608)	672021.05	4101135.21	12.24855c	(04050608)
671998.72	4101124.51	11.04137c	(04050608)	671976.38	4101113.81	11.14468	(07042008)
671954.05	4101103.11	11.52812	(07042008)	671931.71	4101092.41	11.74755	(07042008)
672725.97	4101206.51	23.58411c	(04022208)	672742.19	4101225.04	25.14390c	(04022208)
672758.40	4101243.56	25.25003c	(04022208)	672774.62	4101262.08	24.45161c	(04022208)
672790.83	4101280.61	22.98532c	(04022208)	672807.05	4101299.13	21.33917c	(04022208)
672823.27	4101317.65	19.71601c	(04022208)	672839.48	4101336.17	18.09844c	(04022208)
672855.70	4101354.70	16.93644c	(04022208)	672871.92	4101373.22	16.78948	(07012724)
672888.13	4101391.74	16.52034	(07012724)	672904.35	4101410.27	15.51792	(07012724)
672920.56	4101428.79	14.23007	(07012724)	672936.78	4101447.31	13.06325c	(08120608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672953.00	4101465.83	12.46118c (08120608)	672969.21	4101484.36	12.23509c (08120608)
672985.43	4101502.88	12.14425c (08120608)	673001.65	4101521.40	12.17270c (07010408)
673017.86	4101539.93	13.47630 (08121124)	673034.08	4101558.45	14.94684 (08121124)
673050.30	4101576.97	15.63623 (08121124)	673066.51	4101595.50	15.91733 (08121124)
673082.73	4101614.02	16.01687 (08121124)	673098.94	4101632.54	16.18923 (08121124)
673115.16	4101651.06	16.35343 (08121124)	673131.38	4101669.59	16.49406 (08121124)
673147.59	4101688.11	16.62706 (08121124)	673163.81	4101706.63	16.68416 (08121124)
673180.03	4101725.16	16.66356 (08121124)	673196.24	4101743.68	16.60722 (08121124)
673212.46	4101762.20	16.49947 (08121124)	673226.45	4101805.24	16.25096 (08121124)
673224.22	4101829.76	16.37850c (05121508)	673221.99	4101854.28	16.70440c (05121508)
673219.76	4101878.79	17.00551c (05121508)	673217.53	4101903.31	17.27086c (05121508)
673215.31	4101927.83	17.49178c (05121508)	673213.08	4101952.35	17.65292c (05121508)
673210.85	4101976.86	17.77468c (05121508)	673208.62	4102001.38	18.52236c (07020508)
673206.39	4102025.90	18.95251c (07020508)	673204.16	4102050.42	18.80596c (07020508)
673201.94	4102074.93	18.40080c (07020508)	673199.71	4102099.45	18.15207c (07020508)
673197.48	4102123.97	18.59684c (07020508)	673195.25	4102148.49	19.40993c (07020508)
673193.02	4102173.00	20.27563c (07020508)	673190.79	4102197.52	20.40978c (07020508)
673188.57	4102222.04	20.36456c (07020508)	673186.34	4102246.56	20.15621c (07020508)
673184.11	4102271.07	19.87814c (07020508)	673181.88	4102295.59	19.68414c (07020508)
673179.65	4102320.11	19.46020c (07020508)	673177.42	4102344.63	19.21554c (07020508)
673175.20	4102369.14	18.91078c (07020508)	673172.97	4102393.66	18.59420c (07020508)
673170.74	4102418.18	18.16622c (07020508)	673168.51	4102442.70	17.76947c (07020508)
673166.28	4102467.21	17.60844c (04111608)	673164.06	4102491.73	17.43957c (04111608)
673161.83	4102516.25	17.28730c (04111608)	673159.60	4102540.76	17.15008c (04111608)
672709.75	4101187.99	23.70500c (04022208)	672687.42	4101177.29	24.51059c (04022208)
672665.09	4101166.59	24.99517c (04022208)	672642.75	4101155.89	24.60469c (04022208)
672620.42	4101145.19	23.92920c (04022208)	672598.08	4101134.48	23.79787c (04022208)
672575.75	4101123.78	24.78243c (04022208)	672553.42	4101113.08	26.10825c (04022208)
672531.08	4101102.38	27.38605c (04022208)	672508.75	4101091.68	28.57293c (04022208)
672486.42	4101080.98	27.58107c (04022208)	672464.08	4101070.28	26.05778c (04022208)
672441.75	4101059.57	24.58389c (04022208)	672419.42	4101048.87	23.15272c (04022208)
672397.08	4101038.17	22.09010c (04022208)	672374.75	4101027.47	20.99103c (04022208)
672352.41	4101016.77	19.88040c (04022208)	672330.08	4101006.07	18.78218c (04022208)
672307.75	4100995.37	17.73314c (04022208)	672285.41	4100984.67	16.74347c (04022208)
672263.08	4100973.96	15.82132c (04022208)	672240.75	4100963.26	14.97161c (04022208)
672218.41	4100952.56	14.26272c (04022208)	672196.08	4100941.86	13.63138c (04022208)
672173.75	4100931.16	12.91070c (04050608)	672151.41	4100920.46	12.51708c (04050608)
672129.08	4100909.76	11.80202c (04050608)	672106.74	4100899.05	10.57190c (04050608)
672084.41	4100888.35	9.43065c (04050608)	672062.08	4100877.65	8.86775 (07042008)
672039.74	4100866.95	9.35417 (07042008)	672942.03	4100755.60	21.97412c (04022208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672958.24	4100774.13	20.86710c (04022208)	672974.46	4100792.65	19.39468c (04022208)
672990.67	4100811.17	17.79970c (04022208)	673006.89	4100829.70	15.42934c (04022208)
673023.11	4100848.22	12.87582c (04022208)	673039.32	4100866.74	12.76904c (04022208)
673055.54	4100885.26	13.71968c (04022208)	673071.76	4100903.79	15.08396c (04022208)
673087.97	4100922.31	15.24470c (04022208)	673104.19	4100940.83	15.19192c (04022208)
673120.41	4100959.36	14.30037c (04022208)	673136.62	4100977.88	12.96043c (04022208)
673152.84	4100996.40	11.64594c (04022208)	673169.05	4101014.93	11.20375c (08041308)
673185.27	4101033.45	10.80908c (08041308)	673201.49	4101051.97	10.37263c (08041308)
673217.70	4101070.49	9.99827c (08120608)	673233.92	4101089.02	9.98791c (08120608)
673250.14	4101107.54	9.94807c (08120608)	673266.35	4101126.06	9.88533c (08120608)
673282.57	4101144.59	9.07749c (08120608)	673298.78	4101163.11	7.65041c (08120608)
673315.00	4101181.63	6.35794c (08120608)	673331.22	4101200.15	5.41982c (08120608)
673347.43	4101218.68	4.40428c (08120608)	673363.65	4101237.20	4.37589c (08120608)
673379.87	4101255.72	4.97827c (08120608)	673396.08	4101274.25	5.90602c (04122508)
673412.30	4101292.77	7.18863c (04122508)	673428.51	4101311.29	8.18706c (04122508)
673444.73	4101329.82	8.81659c (04122508)	673460.95	4101348.34	9.13289c (04122508)
673477.16	4101366.86	9.04973c (04122508)	673493.38	4101385.38	8.71697c (04122508)
673509.60	4101403.91	8.47025c (04122508)	673525.81	4101422.43	8.82638c (04122508)
673542.03	4101440.95	9.52571c (04122508)	673558.25	4101459.48	10.00957c (04122508)
673574.46	4101478.00	10.35816c (04122508)	673590.68	4101496.52	10.69802 (08121124)
673606.89	4101515.05	11.69480 (08121124)	673623.11	4101533.57	12.36362 (08121124)
673639.33	4101552.09	12.83062 (08121124)	673655.54	4101570.61	13.01109 (08121124)
673671.76	4101589.14	12.93229 (08121124)	673687.98	4101607.66	12.77074 (08121124)
673701.96	4101650.70	12.55957c (05121508)	673699.74	4101675.22	12.80552c (05121508)
673697.51	4101699.74	13.02701c (05121508)	673695.28	4101724.25	13.21043c (05121508)
673693.05	4101748.77	13.27335c (05121508)	673690.82	4101773.29	13.40579c (05121508)
673688.59	4101797.80	13.61252c (05121508)	673686.37	4101822.32	13.79788c (05121508)
673684.14	4101846.84	13.87199c (05121508)	673681.91	4101871.36	13.81660c (05121508)
673679.68	4101895.87	14.13374 (08022908)	673677.45	4101920.39	14.80442 (08022908)
673675.22	4101944.91	14.75157 (08022908)	673673.00	4101969.43	15.10009c (07020508)
673670.77	4101993.94	15.42945c (07020508)	673668.54	4102018.46	15.71468c (07020508)
673666.31	4102042.98	15.92225c (07020508)	673664.08	4102067.50	16.02622c (07020508)
673661.86	4102092.01	16.05635c (07020508)	673659.63	4102116.53	16.03515c (07020508)
673657.40	4102141.05	15.98618c (07020508)	673655.17	4102165.57	15.85641c (07020508)
673652.94	4102190.08	15.75776c (07020508)	673650.71	4102214.60	15.72899c (07020508)
673648.49	4102239.12	15.70681c (07020508)	673646.26	4102263.64	15.65872c (07020508)
673644.03	4102288.15	15.58750c (07020508)	673641.80	4102312.67	15.48757c (07020508)
673639.57	4102337.19	15.36397c (07020508)	673637.34	4102361.70	15.28509c (07020508)
673635.12	4102386.22	15.29094c (07020508)	673632.89	4102410.74	15.40166c (07020508)
673630.66	4102435.26	15.42991c (07020508)	673628.43	4102459.77	15.40582c (07020508)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
673626.20	4102484.29	15.35362c (07020508)	673623.98	4102508.81	15.29529c (07020508)
673621.75	4102533.33	15.19064c (07020508)	673619.52	4102557.84	14.99342c (07020508)
673617.29	4102582.36	14.76129c (07020508)	673615.06	4102606.88	14.50473c (07020508)
673612.83	4102631.40	14.21224c (07020508)	673610.61	4102655.91	14.09969 (05121008)
673608.38	4102680.43	14.11224 (07011408)	673606.15	4102704.95	14.17487 (07011408)
673603.92	4102729.47	14.18888 (07011408)	673601.69	4102753.98	14.10191 (07011408)
673599.46	4102778.50	13.99281 (07011408)	672925.81	4100737.08	22.68944c (04022208)
672903.48	4100726.38	23.01383c (04022208)	672881.14	4100715.68	23.06563c (04022208)
672858.81	4100704.98	22.67984c (04022208)	672836.47	4100694.28	21.95095c (04022208)
672814.14	4100683.57	20.80609c (04022208)	672791.81	4100672.87	19.07804c (04022208)
672769.47	4100662.17	16.92376c (04022208)	672747.14	4100651.47	14.12291c (04022208)
672724.81	4100640.77	11.60869c (04022208)	672702.47	4100630.07	9.86309c (04022208)
672680.14	4100619.37	9.66773c (04050608)	672657.81	4100608.66	9.99781c (04050608)
672635.47	4100597.96	10.26700c (04050608)	672613.14	4100587.26	10.01076c (04050608)
672590.80	4100576.56	9.52084c (04050608)	672568.47	4100565.86	9.04301c (04050608)
672546.14	4100555.16	8.63634c (04050608)	672523.80	4100544.46	8.42805c (04050608)
672501.47	4100533.76	8.48066c (04050608)	672479.14	4100523.05	8.82562c (04050608)
672456.80	4100512.35	9.01318c (04050608)	672434.47	4100501.65	9.11439c (04050608)
672412.14	4100490.95	9.30154c (04050608)	672389.80	4100480.25	9.92625c (04050608)
672367.47	4100469.55	9.89041c (04050608)	672345.13	4100458.85	9.51040c (04050608)
672322.80	4100448.14	9.00812c (04050608)	672300.47	4100437.44	8.48534c (04050608)
672278.13	4100426.74	7.96014c (04050608)	672255.80	4100416.04	7.45521c (04050608)
673158.08	4100304.69	11.87795c (04022208)	673174.30	4100323.22	13.69666c (04022208)
673190.52	4100341.74	12.53189c (04022208)	673206.73	4100360.26	10.20187c (04022208)
673222.95	4100378.79	8.06016c (04022208)	673239.16	4100397.31	5.99133c (04022208)
673255.38	4100415.83	5.01491c (08041308)	673271.60	4100434.35	5.14443c (08041308)
673287.81	4100452.88	5.25593c (08041308)	673304.03	4100471.40	6.01595c (04022208)
673320.25	4100489.92	7.71432c (04022208)	673336.46	4100508.45	10.10517c (04022208)
673352.68	4100526.97	11.18115c (04022208)	673368.89	4100545.49	11.45437c (04022208)
673385.11	4100564.02	11.18102c (04022208)	673401.33	4100582.54	10.11436c (04022208)
673417.54	4100601.06	8.44087c (04022208)	673433.76	4100619.58	6.95631c (04022208)
673449.98	4100638.11	5.34488c (04022208)	673466.19	4100656.63	4.67430c (08041308)
673482.41	4100675.15	4.39163c (08041308)	673498.62	4100693.68	4.08090c (08041308)
673514.84	4100712.20	3.54282c (08041308)	673531.06	4100730.72	3.13265c (08041308)
673547.27	4100749.25	2.77445 (08120516)	673563.49	4100767.77	2.79030 (08120516)
673579.71	4100786.29	2.78980 (08120516)	673595.92	4100804.81	2.77406 (08120516)
673612.14	4100823.34	2.74439 (08120516)	673628.36	4100841.86	2.70128 (08120516)
673644.57	4100860.38	2.72733c (07012216)	673660.79	4100878.91	2.82895c (07012216)
673677.00	4100897.43	2.91619c (07012216)	673693.22	4100915.95	3.10702c (08120608)
673709.44	4100934.47	3.52335c (08120608)	673725.65	4100953.00	4.07581c (08120608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
673741.87	4100971.52	4.21252c (08120608)	673758.09	4100990.04	3.84471c (08120608)
673774.30	4101008.57	3.42507c (04122508)	673790.52	4101027.09	3.22773c (05012316)
673806.73	4101045.61	3.27899c (05012316)	673822.95	4101064.14	3.31716c (05012316)
673839.17	4101082.66	3.34236c (05012316)	673855.38	4101101.18	3.35555c (05012316)
673871.60	4101119.70	3.35681c (05012316)	673887.82	4101138.23	3.34871c (05012316)
673904.03	4101156.75	3.33104c (05012316)	673920.25	4101175.27	3.30449c (05012316)
673936.46	4101193.80	3.26941c (05012316)	673952.68	4101212.32	3.22645c (05012316)
673968.90	4101230.84	3.17644c (05012316)	673985.11	4101249.36	3.11946c (05012316)
674001.33	4101267.89	3.05590c (05012316)	674017.55	4101286.41	2.98456c (05012316)
674033.76	4101304.93	2.90671c (05012316)	674049.98	4101323.46	3.03730 (08022908)
674066.19	4101341.98	3.20708 (08022908)	674082.41	4101360.50	3.36875 (08022908)
674098.63	4101379.03	3.53308 (08022908)	674114.84	4101397.55	4.32195c (05121508)
674131.06	4101416.07	5.69093c (05121508)	674147.28	4101434.59	6.62020c (05121508)
674163.49	4101453.12	7.27784c (05121508)	674177.48	4101496.16	7.65904c (05121508)
674175.25	4101520.68	8.17927c (05121508)	674173.02	4101545.19	9.01713c (05121508)
674170.80	4101569.71	9.43038c (05121508)	674168.57	4101594.23	9.62556c (05121508)
674166.34	4101618.74	9.76063c (05121508)	674164.11	4101643.26	10.04473c (05121508)
674161.88	4101667.78	10.37844c (05121508)	674159.65	4101692.30	11.18978 (08022908)
674157.43	4101716.81	11.62167 (08022908)	674155.20	4101741.33	11.90741 (08022908)
674152.97	4101765.85	12.07957 (08022908)	674150.74	4101790.37	12.18057 (08022908)
674148.51	4101814.88	12.29227 (08022908)	674146.29	4101839.40	12.52344 (08022908)
674144.06	4101863.92	13.27028 (08022908)	674141.83	4101888.44	13.16939 (08022908)
674139.60	4101912.95	12.72759 (08022908)	674137.37	4101937.47	12.85910c (07020508)
674135.14	4101961.99	12.98716c (07020508)	674132.92	4101986.51	13.06067c (07020508)
674130.69	4102011.02	13.13393c (07020508)	674128.46	4102035.54	13.18154c (07020508)
674126.23	4102060.06	13.20106c (07020508)	674124.00	4102084.58	13.21055c (07020508)
674121.77	4102109.09	13.19885c (07020508)	674119.55	4102133.61	13.15889c (07020508)
674117.32	4102158.13	13.09974c (07020508)	674115.09	4102182.65	13.03458c (07020508)
674112.86	4102207.16	12.95614c (07020508)	674110.63	4102231.68	12.86049c (07020508)
674108.41	4102256.20	12.74901c (07020508)	674106.18	4102280.71	12.63750c (07020508)
674103.95	4102305.23	12.53044c (07020508)	674101.72	4102329.75	12.41832c (07020508)
674099.49	4102354.27	12.29609c (07020508)	674097.26	4102378.78	12.16499c (07020508)
674095.04	4102403.30	12.03053c (07020508)	674092.81	4102427.82	11.88743c (07020508)
674090.58	4102452.34	11.74201c (07020508)	674088.35	4102476.85	11.58866c (07020508)
674086.12	4102501.37	11.43177c (07020508)	674083.89	4102525.89	11.26721c (07020508)
674081.67	4102550.41	11.09043c (07020508)	674079.44	4102574.92	10.90863c (07020508)
674077.21	4102599.44	10.78648c (04111608)	674074.98	4102623.96	10.70534c (04111608)
674072.75	4102648.48	10.61954c (04111608)	674070.53	4102672.99	10.59134 (05121008)
674068.30	4102697.51	10.58572 (05121008)	674066.07	4102722.03	10.57062 (05121008)
674063.84	4102746.55	10.54813 (05121008)	674061.61	4102771.06	10.51592 (05121008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
674059.38	4102795.58	10.65251	(07011408)	674057.16	4102820.10	10.76369	(07011408)
674054.93	4102844.62	10.85080	(07011408)	674052.70	4102869.13	10.91550	(07011408)
674050.47	4102893.65	10.96322	(07011408)	674048.24	4102918.17	10.99836	(07011408)
674046.01	4102942.68	11.02143	(07011408)	674043.79	4102967.20	11.03448	(07011408)
674041.56	4102991.72	11.04080	(07011408)	674039.33	4103016.24	11.03621	(07011408)
673141.87	4100286.17	8.86972c	(04022208)	673119.53	4100275.47	6.38477c	(04022208)
673097.20	4100264.77	4.26845c	(04022208)	673074.87	4100254.07	3.49414	(05031208)
673052.53	4100243.37	3.40206	(05031208)	673030.20	4100232.66	3.27967	(05031208)
673007.86	4100221.96	3.13082	(05031208)	672985.53	4100211.26	2.95856	(05031208)
672963.20	4100200.56	2.76766	(05031208)	672940.86	4100189.86	2.56243	(05031208)
672918.53	4100179.16	2.34796	(05031208)	672896.20	4100168.46	2.12879	(05031208)
672873.86	4100157.76	1.90971	(05031208)	672851.53	4100147.05	1.69501	(05031208)
672829.19	4100136.35	1.70044c	(07010916)	672806.86	4100125.65	1.71185c	(07010916)
672784.53	4100114.95	1.74378	(04121916)	672762.19	4100104.25	1.89317c	(04050608)
672739.86	4100093.55	2.55303c	(04050608)	672717.53	4100082.85	3.31447c	(04050608)
672695.19	4100072.14	4.27554c	(04050608)	672672.86	4100061.44	4.92884c	(04050608)
672650.53	4100050.74	6.03786c	(04050608)	672628.19	4100040.04	6.62644c	(04050608)
672605.86	4100029.34	6.83254c	(04050608)	672583.52	4100018.64	6.82875c	(04050608)
672561.19	4100007.94	6.72720c	(04050608)	672538.86	4099997.24	6.58912c	(04050608)
672516.52	4099986.53	6.39858c	(04050608)	672494.19	4099975.83	6.16389c	(04050608)
672471.86	4099965.13	5.92312c	(04050608)	671221.45	4104044.00	33.44449c	(08122808)
670630.54	4103839.27	27.75411	(05123008)	671607.63	4101768.77	23.08308	(06020208)
672277.64	4102089.81	36.58881	(04121024)				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671585.02	4101758.10	8.88634	(06020224)	671574.40	4101780.61	9.02383	(06020224)
671563.78	4101803.11	9.11203	(06020224)	671553.16	4101825.62	9.16652	(06020224)
671542.54	4101848.12	9.20088	(06020224)	671531.92	4101870.63	9.22485	(06020224)
671521.30	4101893.13	9.24458	(06020224)	671510.68	4101915.64	9.26237	(06020224)
671500.06	4101938.14	9.27865	(06020224)	671489.44	4101960.65	9.29178	(06020224)
671478.82	4101983.15	9.30189	(06020224)	671468.20	4102005.66	9.30920	(06020224)
671457.57	4102028.17	9.31618	(06020224)	671446.95	4102050.67	9.32813	(06020224)
671436.33	4102073.18	9.35301	(06020224)	671425.71	4102095.68	9.40558c	(08111524)
671415.09	4102118.19	9.52886c	(08111524)	671404.47	4102140.69	9.62609c	(08111524)
671393.85	4102163.20	9.69296c	(08111524)	671383.23	4102185.70	9.83846	(06020224)
671372.61	4102208.21	9.99860	(06020224)	671361.99	4102230.71	10.16302	(06020224)
671351.37	4102253.22	10.32217	(06020224)	671340.75	4102275.73	10.46880	(06020224)
671330.13	4102298.23	10.59942	(06020224)	671319.51	4102320.74	10.71302	(06020224)
671308.89	4102343.24	10.80912	(06020224)	671298.27	4102365.75	10.88789	(06020224)
671287.65	4102388.25	10.95104	(06020224)	671277.03	4102410.76	10.99884	(06020224)
671266.40	4102433.26	11.03391	(06020224)	671255.78	4102455.77	11.09735c	(06122124)
671245.16	4102478.27	11.47697c	(06122124)	671234.54	4102500.78	11.83823c	(06122124)
671223.92	4102523.29	12.17932c	(06122124)	671213.30	4102545.79	12.49837c	(06122124)
671202.68	4102568.30	12.79483c	(06122124)	671192.06	4102590.80	13.06751c	(06122124)
671181.44	4102613.31	13.31730c	(06122124)	671170.82	4102635.81	13.54423c	(06122124)
671160.20	4102658.32	13.75016c	(06122124)	671149.58	4102680.82	13.93602c	(06122124)
671138.96	4102703.33	14.10369c	(06122124)	671128.34	4102725.83	14.25512c	(06122124)
671117.72	4102748.34	14.39141c	(06122124)	671107.10	4102770.85	14.51468c	(06122124)
671096.48	4102793.35	14.62536c	(06122124)	671085.86	4102815.86	14.72570c	(06122124)
671075.23	4102838.36	14.81620c	(06122124)	671064.61	4102860.87	14.89754c	(06122124)
671053.99	4102883.37	14.97145c	(06122124)	671043.37	4102905.88	15.03846c	(06122124)
671032.75	4102928.38	15.09879c	(06122124)	671022.13	4102950.89	15.15323c	(06122124)
671011.51	4102973.39	15.20207c	(06122124)	671000.89	4102995.90	15.24589c	(06122124)
670990.27	4103018.40	15.28452c	(06122124)	670979.65	4103040.91	15.31921c	(06122124)
670969.03	4103063.42	15.34910c	(06122124)	670958.41	4103085.92	15.37493c	(06122124)
670947.79	4103108.43	15.39724c	(06122124)	670937.17	4103130.93	15.41663c	(06122124)
670926.55	4103153.44	15.43230c	(06122124)	670915.93	4103175.94	15.44551c	(06122124)
670905.31	4103198.45	15.45483c	(06122124)	670894.69	4103220.95	15.46241c	(06122124)
670884.07	4103243.46	15.46639c	(06122124)	670873.44	4103265.96	15.46834c	(06122124)
670862.82	4103288.47	15.46761c	(06122124)	670852.20	4103310.98	15.46449c	(06122124)
670841.58	4103333.48	15.45891c	(06122124)	670830.96	4103355.99	15.45108c	(06122124)
670820.34	4103378.49	15.44086c	(06122124)	670809.72	4103401.00	15.42786c	(06122124)
670799.10	4103423.50	15.41104c	(06122124)	670788.48	4103446.01	15.38499c	(06122124)
670777.86	4103468.51	15.33992c	(06122124)	670767.24	4103491.02	15.25571c	(06122124)
670756.62	4103513.52	15.10558c	(06122124)	670746.00	4103536.03	14.86727c	(06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670735.38	4103558.54	14.56153c (06122124)	670724.76	4103581.04	14.25443c (06122124)
670714.14	4103603.55	13.99002c (06122124)	670703.52	4103626.05	13.75090c (06122124)
670692.90	4103648.56	13.53593c (06122124)	670682.27	4103671.06	13.32748c (06122124)
670671.65	4103693.57	13.07649c (06122124)	670661.03	4103716.07	12.75439c (06122124)
670650.41	4103738.58	12.36009c (06122124)	670639.79	4103761.08	11.91210c (06122124)
670629.17	4103783.59	11.43173c (06122124)	670618.55	4103806.10	11.24466 (05123024)
670607.93	4103828.60	11.23730c (08122824)	671576.65	4101734.54	8.81957 (06020224)
671610.06	4101722.67	8.43845 (06020224)	671551.79	4101769.94	9.03217 (06020224)
671541.17	4101792.44	9.09295 (06020224)	671530.55	4101814.95	9.13041 (06020224)
671519.93	4101837.45	9.15462 (06020224)	671509.31	4101859.96	9.17261 (06020224)
671498.69	4101882.46	9.18830 (06020224)	671488.07	4101904.97	9.20245 (06020224)
671477.45	4101927.47	9.21472 (06020224)	671466.83	4101949.98	9.22488 (06020224)
671456.21	4101972.49	9.23176 (06020224)	671445.59	4101994.99	9.23698 (06020224)
671434.97	4102017.50	9.24136 (06020224)	671424.35	4102040.00	9.24831 (06020224)
671413.72	4102062.51	9.26388 (06020224)	671403.10	4102085.01	9.29533 (06020224)
671392.48	4102107.52	9.34901 (06020224)	671381.86	4102130.02	9.42753 (06020224)
671371.24	4102152.53	9.53066 (06020224)	671360.62	4102175.03	9.65579 (06020224)
671350.00	4102197.54	9.79878 (06020224)	671339.38	4102220.05	9.95381 (06020224)
671328.76	4102242.55	10.11147 (06020224)	671318.14	4102265.06	10.26392 (06020224)
671307.52	4102287.56	10.40507 (06020224)	671296.90	4102310.07	10.53116 (06020224)
671286.28	4102332.57	10.64103 (06020224)	671275.66	4102355.08	10.73393 (06020224)
671265.04	4102377.58	10.81048 (06020224)	671254.42	4102400.09	10.87131 (06020224)
671243.80	4102422.59	10.91717 (06020224)	671233.18	4102445.10	10.94992 (06020224)
671222.55	4102467.61	10.97131 (06020224)	671211.93	4102490.11	11.28146c (06122124)
671201.31	4102512.62	11.63226c (06122124)	671190.69	4102535.12	11.96551c (06122124)
671180.07	4102557.63	12.27811c (06122124)	671169.45	4102580.13	12.57179c (06122124)
671158.83	4102602.64	12.84440c (06122124)	671148.21	4102625.14	13.09549c (06122124)
671137.59	4102647.65	13.32571c (06122124)	671126.97	4102670.15	13.53534c (06122124)
671116.35	4102692.66	13.72588c (06122124)	671105.73	4102715.16	13.89864c (06122124)
671095.11	4102737.67	14.05519c (06122124)	671084.49	4102760.18	14.19675c (06122124)
671073.87	4102782.68	14.32467c (06122124)	671063.25	4102805.19	14.44111c (06122124)
671052.63	4102827.69	14.54603c (06122124)	671042.01	4102850.20	14.64173c (06122124)
671031.38	4102872.70	14.72824c (06122124)	671020.76	4102895.21	14.80675c (06122124)
671010.14	4102917.71	14.87803c (06122124)	670999.52	4102940.22	14.94268c (06122124)
670988.90	4102962.72	15.00113c (06122124)	670978.28	4102985.23	15.05400c (06122124)
670967.66	4103007.74	15.10155c (06122124)	670957.04	4103030.24	15.14456c (06122124)
670946.42	4103052.75	15.18215c (06122124)	670935.80	4103075.25	15.21616c (06122124)
670925.18	4103097.76	15.24557c (06122124)	670914.56	4103120.26	15.27165c (06122124)
670903.94	4103142.77	15.29386c (06122124)	670893.32	4103165.27	15.31260c (06122124)
670882.70	4103187.78	15.32714c (06122124)	670872.08	4103210.28	15.33948c (06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670861.46	4103232.79	15.34850c	(06122124)	670850.84	4103255.30	15.35536c	(06122124)
670840.22	4103277.80	15.35877c	(06122124)	670829.59	4103300.31	15.35972c	(06122124)
670818.97	4103322.81	15.35854c	(06122124)	670808.35	4103345.32	15.35434c	(06122124)
670797.73	4103367.82	15.34807c	(06122124)	670787.11	4103390.33	15.33829c	(06122124)
670776.49	4103412.83	15.32310c	(06122124)	670765.87	4103435.34	15.29667c	(06122124)
670755.25	4103457.84	15.24585c	(06122124)	670744.63	4103480.35	15.15076c	(06122124)
670734.01	4103502.86	14.98511c	(06122124)	670723.39	4103525.36	14.73912c	(06122124)
670712.77	4103547.87	14.44242c	(06122124)	670702.15	4103570.37	14.15893c	(06122124)
670691.53	4103592.88	13.92040c	(06122124)	670680.91	4103615.38	13.69938c	(06122124)
670670.29	4103637.89	13.49665c	(06122124)	670659.67	4103660.39	13.30151c	(06122124)
670649.05	4103682.90	13.07024c	(06122124)	670638.42	4103705.40	12.78281c	(06122124)
670627.80	4103727.91	12.42881c	(06122124)	670617.18	4103750.41	12.02244c	(06122124)
670606.56	4103772.92	11.58052c	(06122124)	670595.94	4103795.43	11.11750c	(06122124)
670585.32	4103817.93	10.81898	(05123024)	671554.04	4101723.88	8.86032	(06020224)
671601.69	4101699.11	8.37047	(06020224)	671529.18	4101759.27	8.99998	(06020224)
671518.56	4101781.77	9.04187	(06020224)	671507.94	4101804.28	9.06800	(06020224)
671497.32	4101826.78	9.08527	(06020224)	671486.70	4101849.29	9.09889	(06020224)
671476.08	4101871.79	9.11118	(06020224)	671465.46	4101894.30	9.12218	(06020224)
671454.84	4101916.81	9.13143	(06020224)	671444.22	4101939.31	9.13904	(06020224)
671433.60	4101961.82	9.14450	(06020224)	671422.98	4101984.32	9.14813	(06020224)
671412.36	4102006.83	9.15059	(06020224)	671401.74	4102029.33	9.15414	(06020224)
671391.12	4102051.84	9.16297	(06020224)	671380.50	4102074.34	9.18349	(06020224)
671369.87	4102096.85	9.22180	(06020224)	671359.25	4102119.35	9.28230	(06020224)
671348.63	4102141.86	9.36591	(06020224)	671338.01	4102164.37	9.47184	(06020224)
671327.39	4102186.87	9.59609	(06020224)	671316.77	4102209.38	9.73568	(06020224)
671306.15	4102231.88	9.88407	(06020224)	671295.53	4102254.39	10.03522	(06020224)
671284.91	4102276.89	10.18095	(06020224)	671274.29	4102299.40	10.31661	(06020224)
671263.67	4102321.90	10.43786	(06020224)	671253.05	4102344.41	10.54367	(06020224)
671242.43	4102366.91	10.63393	(06020224)	671231.81	4102389.42	10.70805	(06020224)
671221.19	4102411.92	10.76614	(06020224)	671210.57	4102434.43	10.80999	(06020224)
671199.95	4102456.94	10.84011	(06020224)	671189.33	4102479.44	10.85919	(06020224)
671178.70	4102501.95	11.08691c	(06122124)	671168.08	4102524.45	11.42605c	(06122124)
671157.46	4102546.96	11.75069c	(06122124)	671146.84	4102569.46	12.05891c	(06122124)
671136.22	4102591.97	12.34873c	(06122124)	671125.60	4102614.47	12.61947c	(06122124)
671114.98	4102636.98	12.87058c	(06122124)	671104.36	4102659.48	13.10230c	(06122124)
671093.74	4102681.99	13.31496c	(06122124)	671083.12	4102704.50	13.50891c	(06122124)
671072.50	4102727.00	13.68563c	(06122124)	671061.88	4102749.51	13.84628c	(06122124)
671051.26	4102772.01	13.99229c	(06122124)	671040.64	4102794.52	14.12519c	(06122124)
671030.02	4102817.02	14.24576c	(06122124)	671019.40	4102839.53	14.35535c	(06122124)
671008.78	4102862.03	14.45499c	(06122124)	670998.16	4102884.54	14.54575c	(06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670987.53	4102907.04	14.62843c (06122124)	670976.91	4102929.55	14.70349c (06122124)
670966.29	4102952.06	14.77200c (06122124)	670955.67	4102974.56	14.83409c (06122124)
670945.05	4102997.07	14.89073c (06122124)	670934.43	4103019.57	14.94139c (06122124)
670923.81	4103042.08	14.98764c (06122124)	670913.19	4103064.58	15.02897c (06122124)
670902.57	4103087.09	15.06568c (06122124)	670891.95	4103109.59	15.09855c (06122124)
670881.33	4103132.10	15.12721c (06122124)	670870.71	4103154.60	15.15235c (06122124)
670860.09	4103177.11	15.17368c (06122124)	670849.47	4103199.62	15.19167c (06122124)
670838.85	4103222.12	15.20656c (06122124)	670828.23	4103244.63	15.21827c (06122124)
670817.61	4103267.13	15.22563c (06122124)	670806.99	4103289.64	15.23150c (06122124)
670796.37	4103312.14	15.23439c (06122124)	670785.74	4103334.65	15.23474c (06122124)
670775.12	4103357.15	15.23224c (06122124)	670764.50	4103379.66	15.22599c (06122124)
670753.88	4103402.16	15.21197c (06122124)	670743.26	4103424.67	15.18381c (06122124)
670732.64	4103447.17	15.12690c (06122124)	670722.02	4103469.68	15.01938c (06122124)
670711.40	4103492.19	14.84087c (06122124)	670700.78	4103514.69	14.58931c (06122124)
670690.16	4103537.20	14.30424c (06122124)	670679.54	4103559.70	14.04523c (06122124)
670668.92	4103582.21	13.82843c (06122124)	670658.30	4103604.71	13.62304c (06122124)
670647.68	4103627.22	13.43172c (06122124)	670637.06	4103649.72	13.24885c (06122124)
670626.44	4103672.23	13.03742c (06122124)	670615.82	4103694.73	12.77700c (06122124)
670605.20	4103717.24	12.45891c (06122124)	670594.57	4103739.75	12.08930c (06122124)
670583.95	4103762.25	11.68444c (06122124)	670573.33	4103784.76	11.25580c (06122124)
670562.71	4103807.26	10.81036c (06122124)	671531.43	4101713.21	8.85213 (06020224)
671559.90	4101687.43	8.65772 (06020224)	671593.31	4101675.56	8.29422 (06020224)
671631.67	4101677.58	7.67074 (06020224)	671506.57	4101748.60	8.93976 (06020224)
671495.95	4101771.10	8.96888 (06020224)	671485.33	4101793.61	8.98690 (06020224)
671474.71	4101816.11	8.99953 (06020224)	671464.09	4101838.62	9.01010 (06020224)
671453.47	4101861.13	9.01960 (06020224)	671442.85	4101883.63	9.02812 (06020224)
671432.23	4101906.14	9.03521 (06020224)	671421.61	4101928.64	9.04070 (06020224)
671410.99	4101951.15	9.04483 (06020224)	671400.37	4101973.65	9.04685 (06020224)
671389.75	4101996.16	9.04797 (06020224)	671379.13	4102018.66	9.04922 (06020224)
671368.51	4102041.17	9.05364 (06020224)	671357.89	4102063.67	9.06583 (06020224)
671347.27	4102086.18	9.09198 (06020224)	671336.65	4102108.68	9.13634 (06020224)
671326.02	4102131.19	9.20260 (06020224)	671315.40	4102153.70	9.28970 (06020224)
671304.78	4102176.20	9.39636 (06020224)	671294.16	4102198.71	9.51919 (06020224)
671283.54	4102221.21	9.65393 (06020224)	671272.92	4102243.72	9.79655 (06020224)
671262.30	4102266.22	9.94033 (06020224)	671251.68	4102288.73	10.07949 (06020224)
671241.06	4102311.23	10.20883 (06020224)	671230.44	4102333.74	10.32506 (06020224)
671219.82	4102356.24	10.42693 (06020224)	671209.20	4102378.75	10.51353 (06020224)
671198.58	4102401.26	10.58466 (06020224)	671187.96	4102423.76	10.64066 (06020224)
671177.34	4102446.27	10.68148 (06020224)	671166.72	4102468.77	10.70903 (06020224)
671156.10	4102491.28	10.72464 (06020224)	671145.48	4102513.78	10.89837c (06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671134.85	4102536.29	11.22549c (06122124)	671124.23	4102558.79	11.54038c (06122124)
671113.61	4102581.30	11.84143c (06122124)	671102.99	4102603.80	12.12643c (06122124)
671092.37	4102626.31	12.39452c (06122124)	671081.75	4102648.82	12.64485c (06122124)
671071.13	4102671.32	12.87673c (06122124)	671060.51	4102693.83	13.09076c (06122124)
671049.89	4102716.33	13.28735c (06122124)	671039.27	4102738.84	13.46747c (06122124)
671028.65	4102761.34	13.63187c (06122124)	671018.03	4102783.85	13.78179c (06122124)
671007.41	4102806.35	13.91812c (06122124)	670996.79	4102828.86	14.04249c (06122124)
670986.17	4102851.36	14.15594c (06122124)	670975.55	4102873.87	14.25941c (06122124)
670964.93	4102896.38	14.35368c (06122124)	670954.31	4102918.88	14.43966c (06122124)
670943.68	4102941.39	14.51848c (06122124)	670933.06	4102963.89	14.59008c (06122124)
670922.44	4102986.40	14.65576c (06122124)	670911.82	4103008.90	14.71509c (06122124)
670901.20	4103031.41	14.76935c (06122124)	670890.58	4103053.91	14.81811c (06122124)
670879.96	4103076.42	14.86280c (06122124)	670869.34	4103098.92	14.90216c (06122124)
670858.72	4103121.43	14.93764c (06122124)	670848.10	4103143.93	14.96917c (06122124)
670837.48	4103166.44	14.99659c (06122124)	670826.86	4103188.95	15.02060c (06122124)
670816.24	4103211.45	15.04113c (06122124)	670805.62	4103233.96	15.05810c (06122124)
670795.00	4103256.46	15.07202c (06122124)	670784.38	4103278.97	15.08307c (06122124)
670773.76	4103301.47	15.09076c (06122124)	670763.14	4103323.98	15.09610c (06122124)
670752.52	4103346.48	15.09714c (06122124)	670741.89	4103368.99	15.09232c (06122124)
670731.27	4103391.49	15.07986c (06122124)	670720.65	4103414.00	15.04891c (06122124)
670710.03	4103436.51	14.98475c (06122124)	670699.41	4103459.01	14.86517c (06122124)
670688.79	4103481.52	14.67593c (06122124)	670678.17	4103504.02	14.42326c (06122124)
670667.55	4103526.53	14.15295c (06122124)	670656.93	4103549.03	13.91784c (06122124)
670646.31	4103571.54	13.71928c (06122124)	670635.69	4103594.04	13.52845c (06122124)
670625.07	4103616.55	13.34901c (06122124)	670614.45	4103639.05	13.17581c (06122124)
670603.83	4103661.56	12.98160c (06122124)	670593.21	4103684.07	12.74323c (06122124)
670582.59	4103706.57	12.45489c (06122124)	670571.97	4103729.08	12.11856c (06122124)
670561.35	4103751.58	11.74671c (06122124)	670550.72	4103774.09	11.35087c (06122124)
670540.10	4103796.59	10.93736c (06122124)	671489.06	4101689.29	8.73970 (06020224)
671506.14	4101673.83	8.70734 (06020224)	671523.23	4101658.36	8.63244 (06020224)
671540.31	4101642.90	8.50156 (06020224)	671580.40	4101628.65	8.08068 (06020224)
671603.41	4101629.86	7.75828 (06020224)	671626.43	4101631.07	7.32219 (06020224)
671649.44	4101632.28	6.77265 (06020224)	671471.98	4101704.75	8.74342 (06020224)
671461.36	4101727.26	8.76603 (06020224)	671450.74	4101749.76	8.77979 (06020224)
671440.11	4101772.27	8.78866 (06020224)	671429.49	4101794.78	8.79605 (06020224)
671418.87	4101817.28	8.80199 (06020224)	671408.25	4101839.79	8.80760 (06020224)
671397.63	4101862.29	8.81230 (06020224)	671387.01	4101884.80	8.81599 (06020224)
671376.39	4101907.30	8.81863 (06020224)	671365.77	4101929.81	8.82011 (06020224)
671355.15	4101952.31	8.82018 (06020224)	671344.53	4101974.82	8.81900 (06020224)
671333.91	4101997.32	8.81752 (06020224)	671323.29	4102019.83	8.81627 (06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671312.67	4102042.34	8.81882	(06020224)	671302.05	4102064.84	8.82794	(06020224)
671291.43	4102087.35	8.84888	(06020224)	671280.81	4102109.85	8.88558	(06020224)
671270.19	4102132.36	8.94020	(06020224)	671259.57	4102154.86	9.01358	(06020224)
671248.94	4102177.37	9.10401	(06020224)	671238.32	4102199.87	9.20853	(06020224)
671227.70	4102222.38	9.32452	(06020224)	671217.08	4102244.88	9.44903	(06020224)
671206.46	4102267.39	9.57746	(06020224)	671195.84	4102289.89	9.70677	(06020224)
671185.22	4102312.40	9.83137	(06020224)	671174.60	4102334.91	9.94786	(06020224)
671163.98	4102357.41	10.05258	(06020224)	671153.36	4102379.92	10.14472	(06020224)
671142.74	4102402.42	10.22232	(06020224)	671132.12	4102424.93	10.28507	(06020224)
671121.50	4102447.43	10.33262	(06020224)	671110.88	4102469.94	10.36490	(06020224)
671100.26	4102492.44	10.38226	(06020224)	671089.64	4102514.95	10.38638	(06020224)
671079.02	4102537.45	10.53964c	(06122124)	671068.40	4102559.96	10.84143c	(06122124)
671057.78	4102582.47	11.13580c	(06122124)	671047.15	4102604.97	11.42014c	(06122124)
671036.53	4102627.48	11.69320c	(06122124)	671025.91	4102649.98	11.95272c	(06122124)
671015.29	4102672.49	12.19805c	(06122124)	671004.67	4102694.99	12.42786c	(06122124)
670994.05	4102717.50	12.64240c	(06122124)	670983.43	4102740.00	12.84178c	(06122124)
670972.81	4102762.51	13.02567c	(06122124)	670962.19	4102785.01	13.19461c	(06122124)
670951.57	4102807.52	13.35011c	(06122124)	670940.95	4102830.03	13.49260c	(06122124)
670930.33	4102852.53	13.62337c	(06122124)	670919.71	4102875.04	13.74284c	(06122124)
670909.09	4102897.54	13.85273c	(06122124)	670898.47	4102920.05	13.95288c	(06122124)
670887.85	4102942.55	14.04482c	(06122124)	670877.23	4102965.06	14.12921c	(06122124)
670866.61	4102987.56	14.20625c	(06122124)	670855.98	4103010.07	14.27679c	(06122124)
670845.36	4103032.57	14.34155c	(06122124)	670834.74	4103055.08	14.40083c	(06122124)
670824.12	4103077.59	14.45474c	(06122124)	670813.50	4103100.09	14.50376c	(06122124)
670802.88	4103122.60	14.54851c	(06122124)	670792.26	4103145.10	14.58829c	(06122124)
670781.64	4103167.61	14.62458c	(06122124)	670771.02	4103190.11	14.65629c	(06122124)
670760.40	4103212.62	14.68518c	(06122124)	670749.78	4103235.12	14.70971c	(06122124)
670739.16	4103257.63	14.73139c	(06122124)	670728.54	4103280.13	14.74953c	(06122124)
670717.92	4103302.64	14.76432c	(06122124)	670707.30	4103325.14	14.77406c	(06122124)
670696.68	4103347.65	14.77589c	(06122124)	670686.06	4103370.16	14.76360c	(06122124)
670675.44	4103392.66	14.72499c	(06122124)	670664.82	4103415.17	14.64358c	(06122124)
670654.19	4103437.67	14.50350c	(06122124)	670643.57	4103460.18	14.29954c	(06122124)
670632.95	4103482.68	14.05675c	(06122124)	670622.33	4103505.19	13.82090c	(06122124)
670611.71	4103527.69	13.62697c	(06122124)	670601.09	4103550.20	13.45813c	(06122124)
670590.47	4103572.70	13.29445c	(06122124)	670579.85	4103595.21	13.13626c	(06122124)
670569.23	4103617.72	12.98437c	(06122124)	670558.61	4103640.22	12.81760c	(06122124)
670547.99	4103662.73	12.61629c	(06122124)	670537.37	4103685.23	12.37456c	(06122124)
670526.75	4103707.74	12.09202c	(06122124)	670516.13	4103730.24	11.77612c	(06122124)
670505.51	4103752.75	11.43702c	(06122124)	670494.89	4103775.25	11.08230c	(06122124)
671443.03	4101668.69	8.56412	(06020224)	671475.57	4101639.23	8.55619	(06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671508.11	4101609.78	8.42940	(06020224)	671562.56	4101581.48	7.91203	(06020224)
671606.39	4101583.79	7.26820	(06020224)	671650.22	4101586.10	6.26040	(06020224)
671416.14	4101705.92	8.55437	(06020224)	671405.52	4101728.43	8.56084	(06020224)
671394.90	4101750.93	8.56561	(06020224)	671384.28	4101773.44	8.56936	(06020224)
671373.66	4101795.94	8.57265	(06020224)	671363.04	4101818.45	8.57520	(06020224)
671352.41	4101840.95	8.57710	(06020224)	671341.79	4101863.46	8.57838	(06020224)
671331.17	4101885.96	8.57858	(06020224)	671320.55	4101908.47	8.57849	(06020224)
671309.93	4101930.97	8.57650	(06020224)	671299.31	4101953.48	8.57411	(06020224)
671288.69	4101975.99	8.57066	(06020224)	671278.07	4101998.49	8.56639	(06020224)
671267.45	4102021.00	8.56358	(06020224)	671256.83	4102043.50	8.56387	(06020224)
671246.21	4102066.01	8.57005	(06020224)	671235.59	4102088.51	8.58572	(06020224)
671224.97	4102111.02	8.61477	(06020224)	671214.35	4102133.52	8.65894	(06020224)
671203.73	4102156.03	8.71936	(06020224)	671193.11	4102178.53	8.79488	(06020224)
671182.49	4102201.04	8.88346	(06020224)	671171.87	4102223.55	8.98197	(06020224)
671161.24	4102246.05	9.08805	(06020224)	671150.62	4102268.56	9.19924	(06020224)
671140.00	4102291.06	9.31246	(06020224)	671129.38	4102313.57	9.42470	(06020224)
671118.76	4102336.07	9.53213	(06020224)	671108.14	4102358.58	9.63204	(06020224)
671097.52	4102381.08	9.82815c	(08011024)	671086.90	4102403.59	10.07483c	(08011024)
671076.28	4102426.09	10.25644c	(08011024)	671065.66	4102448.60	10.38452c	(08011024)
671055.04	4102471.11	10.47033c	(08011024)	671044.42	4102493.61	10.52491c	(08011024)
671033.80	4102516.12	10.55692c	(08011024)	671023.18	4102538.62	10.57334c	(08011024)
671012.56	4102561.13	10.57966c	(08011024)	671001.94	4102583.63	10.57899c	(08011024)
670991.32	4102606.14	10.75898c	(06122124)	670980.70	4102628.64	11.02504c	(06122124)
670970.08	4102651.15	11.28336c	(06122124)	670959.45	4102673.65	11.53171c	(06122124)
670948.83	4102696.16	11.76910c	(06122124)	670938.21	4102718.66	11.99395c	(06122124)
670927.59	4102741.17	12.20625c	(06122124)	670916.97	4102763.68	12.40484c	(06122124)
670906.35	4102786.18	12.58981c	(06122124)	670895.73	4102808.69	12.76137c	(06122124)
670885.11	4102831.19	12.92017c	(06122124)	670874.49	4102853.70	13.06662c	(06122124)
670863.87	4102876.20	13.20160c	(06122124)	670853.25	4102898.71	13.32599c	(06122124)
670842.63	4102921.21	13.43961c	(06122124)	670832.01	4102943.72	13.54481c	(06122124)
670821.39	4102966.22	13.64106c	(06122124)	670810.77	4102988.73	13.72942c	(06122124)
670800.15	4103011.24	13.81069c	(06122124)	670789.53	4103033.74	13.88516c	(06122124)
670778.91	4103056.25	13.95413c	(06122124)	670768.28	4103078.75	14.01661c	(06122124)
670757.66	4103101.26	14.07436c	(06122124)	670747.04	4103123.76	14.12747c	(06122124)
670736.42	4103146.27	14.17534c	(06122124)	670725.80	4103168.77	14.21980c	(06122124)
670715.18	4103191.28	14.25936c	(06122124)	670704.56	4103213.78	14.29583c	(06122124)
670693.94	4103236.29	14.32773c	(06122124)	670683.32	4103258.80	14.35681c	(06122124)
670672.70	4103281.30	14.37991c	(06122124)	670662.08	4103303.81	14.39693c	(06122124)
670651.46	4103326.31	14.40162c	(06122124)	670640.84	4103348.82	14.38599c	(06122124)
670630.22	4103371.32	14.33655c	(06122124)	670619.60	4103393.83	14.23907c	(06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670608.98	4103416.33	14.08306c (06122124)	670598.36	4103438.84	13.87767c (06122124)
670587.74	4103461.34	13.65469c (06122124)	670577.12	4103483.85	13.45584c (06122124)
670566.49	4103506.36	13.29607c (06122124)	670555.87	4103528.86	13.15686c (06122124)
670545.25	4103551.37	13.01542c (06122124)	670534.63	4103573.87	12.87709c (06122124)
670524.01	4103596.38	12.74552c (06122124)	670513.39	4103618.88	12.60371c (06122124)
670502.77	4103641.39	12.43335c (06122124)	670492.15	4103663.89	12.22678c (06122124)
670481.53	4103686.40	11.98657c (06122124)	670470.91	4103708.90	11.71376c (06122124)
670460.29	4103731.41	11.41854c (06122124)	670449.67	4103753.91	11.10995c (06122124)
671399.34	4101645.97	8.35603 (06020224)	671417.13	4101629.86	8.38102 (06020224)
671434.93	4101613.75	8.39147 (06020224)	671452.72	4101597.64	8.37960 (06020224)
671470.52	4101581.53	8.33626 (06020224)	671488.31	4101565.43	8.25013 (06020224)
671506.11	4101549.32	8.11033 (06020224)	671547.87	4101534.47	7.70379 (06020224)
671571.84	4101535.73	7.41114 (06020224)	671595.81	4101537.00	7.02096 (06020224)
671619.78	4101538.26	6.53161 (06020224)	671643.75	4101539.53	5.95125 (06020224)
671667.72	4101540.79	5.76446c (08111524)	671691.69	4101542.05	5.91099c (08111524)
671381.54	4101662.08	8.32277 (06020224)	671370.92	4101684.58	8.32738 (06020224)
671360.30	4101707.09	8.33039 (06020224)	671349.68	4101729.59	8.33225 (06020224)
671339.06	4101752.10	8.33348 (06020224)	671328.44	4101774.60	8.33466 (06020224)
671317.82	4101797.11	8.33508 (06020224)	671307.20	4101819.61	8.33483 (06020224)
671296.58	4101842.12	8.33407 (06020224)	671285.96	4101864.63	8.33261 (06020224)
671275.34	4101887.13	8.33007 (06020224)	671264.71	4101909.64	8.32697 (06020224)
671254.09	4101932.14	8.32286 (06020224)	671243.47	4101954.65	8.31769 (06020224)
671232.85	4101977.15	8.31192 (06020224)	671222.23	4101999.66	8.30634 (06020224)
671211.61	4102022.16	8.30097 (06020224)	671200.99	4102044.67	8.29887 (06020224)
671190.37	4102067.17	8.30149 (06020224)	671179.75	4102089.68	8.31226 (06020224)
671169.13	4102112.18	8.33343 (06020224)	671158.51	4102134.69	8.36746 (06020224)
671147.89	4102157.20	8.41520 (06020224)	671137.27	4102179.70	8.47580 (06020224)
671126.65	4102202.21	8.54781 (06020224)	671116.03	4102224.71	8.62898 (06020224)
671105.41	4102247.22	8.71632 (06020224)	671094.79	4102269.72	8.80741 (06020224)
671084.17	4102292.23	8.90076 (06020224)	671073.54	4102314.73	8.99352 (06020224)
671062.92	4102337.24	9.08394 (06020224)	671052.30	4102359.74	9.38951c (08011024)
671041.68	4102382.25	9.75715c (08011024)	671031.06	4102404.76	10.05470c (08011024)
671020.44	4102427.26	10.28495c (08011024)	671009.82	4102449.77	10.45608c (08011024)
670999.20	4102472.27	10.57797c (08011024)	670988.58	4102494.78	10.66098c (08011024)
670977.96	4102517.28	10.71467c (08011024)	670967.34	4102539.79	10.74707c (08011024)
670956.72	4102562.29	10.76432c (08011024)	670946.10	4102584.80	10.77160c (08011024)
670935.48	4102607.30	10.77189c (08011024)	670924.86	4102629.81	10.76766c (08011024)
670914.24	4102652.32	10.76052c (08011024)	670903.62	4102674.82	10.90311c (06122124)
670893.00	4102697.33	11.13833c (06122124)	670882.38	4102719.83	11.36557c (06122124)
670871.75	4102742.34	11.58307c (06122124)	670861.13	4102764.84	11.78987c (06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670850.51	4102787.35	11.98585c (06122124)	670839.89	4102809.85	12.16959c (06122124)
670829.27	4102832.36	12.34151c (06122124)	670818.65	4102854.86	12.50181c (06122124)
670808.03	4102877.37	12.65061c (06122124)	670797.41	4102899.88	12.78845c (06122124)
670786.79	4102922.38	12.91576c (06122124)	670776.17	4102944.89	13.03271c (06122124)
670765.55	4102967.39	13.14114c (06122124)	670754.93	4102989.90	13.24103c (06122124)
670744.31	4103012.40	13.33271c (06122124)	670733.69	4103034.91	13.41722c (06122124)
670723.07	4103057.41	13.49468c (06122124)	670712.45	4103079.92	13.56680c (06122124)
670701.83	4103102.42	13.63245c (06122124)	670691.21	4103124.93	13.69327c (06122124)
670680.58	4103147.43	13.74896c (06122124)	670669.96	4103169.94	13.80048c (06122124)
670659.34	4103192.45	13.84777c (06122124)	670648.72	4103214.95	13.89026c (06122124)
670638.10	4103237.46	13.92841c (06122124)	670627.48	4103259.96	13.95966c (06122124)
670616.86	4103282.47	13.98113c (06122124)	670606.24	4103304.97	13.98547c (06122124)
670595.62	4103327.48	13.96371c (06122124)	670585.00	4103349.98	13.90183c (06122124)
670574.38	4103372.49	13.78989c (06122124)	670563.76	4103394.99	13.62642c (06122124)
670553.14	4103417.50	13.42915c (06122124)	670542.52	4103440.01	13.23334c (06122124)
670531.90	4103462.51	13.06860c (06122124)	670521.28	4103485.02	12.93965c (06122124)
670510.66	4103507.52	12.82304c (06122124)	670500.04	4103530.03	12.70228c (06122124)
670489.41	4103552.53	12.58208c (06122124)	670478.79	4103575.04	12.46883c (06122124)
670468.17	4103597.54	12.34941c (06122124)	670457.55	4103620.05	12.20597c (06122124)
670446.93	4103642.55	12.03020c (06122124)	670436.31	4103665.06	11.82267c (06122124)
670425.69	4103687.57	11.58707c (06122124)	670415.07	4103710.07	11.32902c (06122124)
670404.45	4103732.58	11.05569c (06122124)	671323.43	4101610.89	7.98429 (06020224)
671340.69	4101595.27	8.02102 (06020224)	671357.94	4101579.65	8.05359 (06020224)
671375.20	4101564.03	8.07899 (06020224)	671392.46	4101548.41	8.09296 (06020224)
671409.71	4101532.79	8.08947 (06020224)	671426.97	4101517.17	8.06252 (06020224)
671444.22	4101501.55	8.00598 (06020224)	671461.48	4101485.93	7.91156 (06020224)
671478.73	4101470.31	7.77223 (06020224)	671519.23	4101455.91	7.40192 (06020224)
671542.48	4101457.14	7.15262 (06020224)	671565.72	4101458.36	6.82793 (06020224)
671588.96	4101459.59	6.42577 (06020224)	671612.21	4101460.81	5.94820 (06020224)
671635.45	4101462.04	5.40608 (06020224)	671658.69	4101463.26	5.30966c (08111524)
671681.94	4101464.49	5.44087c (08111524)	671705.18	4101465.71	5.54664c (08111524)
671728.42	4101466.94	5.62588c (08111524)	671306.18	4101626.51	7.94501 (06020224)
671295.56	4101649.02	7.94466 (06020224)	671284.94	4101671.52	7.94401 (06020224)
671274.32	4101694.03	7.94240 (06020224)	671263.70	4101716.53	7.94086 (06020224)
671253.07	4101739.04	7.93862 (06020224)	671242.45	4101761.54	7.93602 (06020224)
671231.83	4101784.05	7.93317 (06020224)	671221.21	4101806.55	7.92937 (06020224)
671210.59	4101829.06	7.92496 (06020224)	671199.97	4101851.57	7.91969 (06020224)
671189.35	4101874.07	7.91363 (06020224)	671178.73	4101896.58	7.90678 (06020224)
671168.11	4101919.08	7.89862 (06020224)	671157.49	4101941.59	7.88941 (06020224)
671146.87	4101964.09	7.87931 (06020224)	671136.25	4101986.60	7.86852 (06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671125.63	4102009.10	7.85693	(06020224)	671115.01	4102031.61	7.84675	(06020224)
671104.39	4102054.11	7.83778	(06020224)	671093.77	4102076.62	7.83345	(06020224)
671083.15	4102099.13	7.83347	(06020224)	671072.53	4102121.63	7.84164	(06020224)
671061.90	4102144.14	7.85863	(06020224)	671051.28	4102166.64	7.88457	(06020224)
671040.66	4102189.15	7.91955	(06020224)	671030.04	4102211.65	7.96190	(06020224)
671019.42	4102234.16	8.00967	(06020224)	671008.80	4102256.66	8.06049	(06020224)
670998.18	4102279.17	8.11086	(06020224)	670987.56	4102301.67	8.16039	(06020224)
670976.94	4102324.18	8.26092c	(08011024)	670966.32	4102346.69	8.75471c	(08011024)
670955.70	4102369.19	9.21270c	(08011024)	670945.08	4102391.70	9.62026c	(08011024)
670934.46	4102414.20	9.96772c	(08011024)	670923.84	4102436.71	10.25284c	(08011024)
670913.22	4102459.21	10.47769c	(08011024)	670902.60	4102481.72	10.64882c	(08011024)
670891.98	4102504.22	10.77437c	(08011024)	670881.36	4102526.73	10.86287c	(08011024)
670870.74	4102549.23	10.92266c	(08011024)	670860.11	4102571.74	10.96103c	(08011024)
670849.49	4102594.25	10.98368c	(08011024)	670838.87	4102616.75	10.99493c	(08011024)
670828.25	4102639.26	10.99864c	(08011024)	670817.63	4102661.76	10.99681c	(08011024)
670807.01	4102684.27	10.99147c	(08011024)	670796.39	4102706.77	10.98399c	(08011024)
670785.77	4102729.28	10.97483c	(08011024)	670775.15	4102751.78	10.96490c	(08011024)
670764.53	4102774.29	10.95416c	(08011024)	670753.91	4102796.79	11.08370c	(06122124)
670743.29	4102819.30	11.27282c	(06122124)	670732.67	4102841.80	11.45343c	(06122124)
670722.05	4102864.31	11.62531c	(06122124)	670711.43	4102886.82	11.78768c	(06122124)
670700.81	4102909.32	11.93989c	(06122124)	670690.19	4102931.83	12.08301c	(06122124)
670679.57	4102954.33	12.21607c	(06122124)	670668.94	4102976.84	12.33958c	(06122124)
670658.32	4102999.34	12.45460c	(06122124)	670647.70	4103021.85	12.56141c	(06122124)
670637.08	4103044.35	12.65998c	(06122124)	670626.46	4103066.86	12.75127c	(06122124)
670615.84	4103089.36	12.83576c	(06122124)	670605.22	4103111.87	12.91364c	(06122124)
670594.60	4103134.38	12.98558c	(06122124)	670583.98	4103156.88	13.05180c	(06122124)
670573.36	4103179.39	13.11130c	(06122124)	670562.74	4103201.89	13.16271c	(06122124)
670552.12	4103224.40	13.20325c	(06122124)	670541.50	4103246.90	13.22629c	(06122124)
670530.88	4103269.41	13.22458c	(06122124)	670520.26	4103291.91	13.18733c	(06122124)
670509.64	4103314.42	13.10688c	(06122124)	670499.02	4103336.92	12.98121c	(06122124)
670488.40	4103359.43	12.82186c	(06122124)	670477.78	4103381.94	12.65464c	(06122124)
670467.15	4103404.44	12.50604c	(06122124)	670456.53	4103426.95	12.39266c	(06122124)
670445.91	4103449.45	12.30372c	(06122124)	670435.29	4103471.96	12.21924c	(06122124)
670424.67	4103494.46	12.12763c	(06122124)	670414.05	4103516.97	12.03492c	(06122124)
670403.43	4103539.47	11.94845c	(06122124)	670392.81	4103561.98	11.86100c	(06122124)
670382.19	4103584.48	11.75757c	(06122124)	670371.57	4103606.99	11.62642c	(06122124)
670360.95	4103629.50	11.46461c	(06122124)	670350.33	4103652.00	11.27728c	(06122124)
670339.71	4103674.51	11.06769c	(06122124)	670329.09	4103697.01	10.84121c	(06122124)
671249.07	4101574.43	7.62008	(06020224)	671267.32	4101557.90	7.66205	(06020224)
671285.57	4101541.38	7.70207	(06020224)	671303.82	4101524.86	7.73902	(06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671322.07	4101508.34	7.77135	(06020224)	671340.32	4101491.82	7.79481	(06020224)
671358.57	4101475.30	7.80509	(06020224)	671376.82	4101458.77	7.79721	(06020224)
671395.08	4101442.25	7.76552	(06020224)	671413.33	4101425.73	7.70284	(06020224)
671431.58	4101409.21	7.60347	(06020224)	671449.83	4101392.69	7.46082	(06020224)
671492.66	4101377.46	7.09196	(06020224)	671517.25	4101378.76	6.84975	(06020224)
671541.83	4101380.05	6.53642	(06020224)	671566.42	4101381.35	6.15000	(06020224)
671591.00	4101382.65	5.69328	(06020224)	671615.59	4101383.94	5.17505	(06020224)
671640.17	4101385.24	4.83927c	(08111524)	671664.76	4101386.53	4.97488c	(08111524)
671689.34	4101387.83	5.08657c	(08111524)	671713.92	4101389.12	5.17305c	(08111524)
671738.51	4101390.42	5.23309c	(08111524)	671763.09	4101391.72	5.26778c	(08111524)
671230.81	4101590.95	7.57711	(06020224)	671220.19	4101613.45	7.57353	(06020224)
671209.57	4101635.96	7.57021	(06020224)	671198.95	4101658.46	7.56600	(06020224)
671188.33	4101680.97	7.56135	(06020224)	671177.71	4101703.47	7.55652	(06020224)
671167.09	4101725.98	7.55063	(06020224)	671156.47	4101748.48	7.54426	(06020224)
671145.85	4101770.99	7.53691	(06020224)	671135.23	4101793.50	7.52876	(06020224)
671124.61	4101816.00	7.51940	(06020224)	671113.99	4101838.51	7.50894	(06020224)
671103.37	4101861.01	7.49735	(06020224)	671092.75	4101883.52	7.48403	(06020224)
671082.13	4101906.02	7.46902	(06020224)	671071.51	4101928.53	7.45242	(06020224)
671060.89	4101951.03	7.43386	(06020224)	671050.27	4101973.54	7.41402	(06020224)
671039.64	4101996.04	7.39153	(06020224)	671029.02	4102018.55	7.36828	(06020224)
671018.40	4102041.06	7.34422	(06020224)	671007.78	4102063.56	7.31989	(06020224)
670997.16	4102086.07	7.29673	(06020224)	670986.54	4102108.57	7.27629	(06020224)
670975.92	4102131.08	7.25911	(06020224)	670965.30	4102153.58	7.24617	(06020224)
670954.68	4102176.09	7.23766	(06020224)	670944.06	4102198.59	7.23304	(06020224)
670933.44	4102221.10	7.23089	(06020224)	670922.82	4102243.60	7.22974	(06020224)
670912.20	4102266.11	7.22674	(06020224)	670901.58	4102288.62	7.22050	(06020224)
670890.96	4102311.12	7.54267c	(08011024)	670880.34	4102333.63	8.01577c	(08011024)
670869.72	4102356.13	8.49228c	(08011024)	670859.10	4102378.64	8.95277c	(08011024)
670848.47	4102401.14	9.37979c	(08011024)	670837.85	4102423.65	9.76104c	(08011024)
670827.23	4102446.15	10.08882c	(08011024)	670816.61	4102468.66	10.36086c	(08011024)
670805.99	4102491.16	10.57896c	(08011024)	670795.37	4102513.67	10.74836c	(08011024)
670784.75	4102536.18	10.87571c	(08011024)	670774.13	4102558.68	10.96817c	(08011024)
670763.51	4102581.19	11.03299c	(08011024)	670752.89	4102603.69	11.07639c	(08011024)
670742.27	4102626.20	11.10371c	(08011024)	670731.65	4102648.70	11.11920c	(08011024)
670721.03	4102671.21	11.12619c	(08011024)	670710.41	4102693.71	11.12693c	(08011024)
670699.79	4102716.22	11.12370c	(08011024)	670689.17	4102738.72	11.11763c	(08011024)
670678.55	4102761.23	11.10948c	(08011024)	670667.93	4102783.73	11.10022c	(08011024)
670657.30	4102806.24	11.09022c	(08011024)	670646.68	4102828.75	11.07944c	(08011024)
670636.06	4102851.25	11.06864c	(08011024)	670625.44	4102873.76	11.05746c	(08011024)
670614.82	4102896.26	11.04624c	(08011024)	670604.20	4102918.77	11.12388c	(06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670593.58	4102941.27	11.27521c (06122124)	670582.96	4102963.78	11.41910c (06122124)
670572.34	4102986.28	11.55511c (06122124)	670561.72	4103008.79	11.68279c (06122124)
670551.10	4103031.29	11.80269c (06122124)	670540.48	4103053.80	11.91481c (06122124)
670529.86	4103076.31	12.01906c (06122124)	670519.24	4103098.81	12.11521c (06122124)
670508.62	4103121.32	12.20307c (06122124)	670498.00	4103143.82	12.28061c (06122124)
670487.38	4103166.33	12.34496c (06122124)	670476.76	4103188.83	12.39150c (06122124)
670466.14	4103211.34	12.41329c (06122124)	670455.51	4103233.84	12.40237c (06122124)
670444.89	4103256.35	12.35326c (06122124)	670434.27	4103278.85	12.26319c (06122124)
670423.65	4103301.36	12.14067c (06122124)	670413.03	4103323.87	12.00318c (06122124)
670402.41	4103346.37	11.87453c (06122124)	670391.79	4103368.88	11.77206c (06122124)
670381.17	4103391.38	11.69907c (06122124)	670370.55	4103413.89	11.64133c (06122124)
670359.93	4103436.39	11.58228c (06122124)	670349.31	4103458.90	11.51508c (06122124)
670338.69	4103481.40	11.44510c (06122124)	670328.07	4103503.91	11.38101c (06122124)
670317.45	4103526.41	11.31899c (06122124)	670306.83	4103548.92	11.24810c (06122124)
670296.21	4103571.43	11.15494c (06122124)	670285.59	4103593.93	11.03419c (06122124)
670274.97	4103616.44	10.88638c (06122124)	670264.34	4103638.94	10.71616c (06122124)
670253.72	4103661.45	10.52849c (06122124)	671173.25	4101539.27	7.26765 (06020224)
671191.04	4101523.17	7.30962 (06020224)	671208.84	4101507.06	7.35080 (06020224)
671226.63	4101490.95	7.39066 (06020224)	671244.43	4101474.84	7.42830 (06020224)
671262.22	4101458.73	7.46372 (06020224)	671280.02	4101442.62	7.49343 (06020224)
671297.81	4101426.51	7.51665 (06020224)	671315.61	4101410.41	7.53001 (06020224)
671333.40	4101394.30	7.52811 (06020224)	671351.20	4101378.19	7.50824 (06020224)
671368.99	4101362.08	7.46559 (06020224)	671386.79	4101345.97	7.39528 (06020224)
671404.58	4101329.86	7.29296 (06020224)	671422.38	4101313.75	7.15495 (06020224)
671464.14	4101298.91	6.81777 (06020224)	671488.11	4101300.17	6.60612 (06020224)
671512.08	4101301.44	6.33762 (06020224)	671536.05	4101302.70	6.01026 (06020224)
671560.02	4101303.96	5.62532 (06020224)	671583.99	4101305.23	5.18745 (06020224)
671607.96	4101306.49	4.70630 (06020224)	671631.93	4101307.75	4.46934c (08111524)
671655.90	4101309.02	4.58960c (08111524)	671679.87	4101310.28	4.68999c (08111524)
671703.84	4101311.54	4.76980c (08111524)	671727.81	4101312.81	4.82902c (08111524)
671751.78	4101314.07	4.86853c (08111524)	671775.75	4101315.33	4.89784c (07042024)
671799.72	4101316.60	5.09239c (07042024)	671155.45	4101555.38	7.22502 (06020224)
671144.83	4101577.89	7.21831 (06020224)	671134.21	4101600.39	7.21126 (06020224)
671123.59	4101622.90	7.20393 (06020224)	671112.97	4101645.40	7.19557 (06020224)
671102.35	4101667.91	7.18600 (06020224)	671091.73	4101690.41	7.17586 (06020224)
671081.11	4101712.92	7.16452 (06020224)	671070.49	4101735.43	7.15159 (06020224)
671059.87	4101757.93	7.13758 (06020224)	671049.25	4101780.44	7.12166 (06020224)
671038.63	4101802.94	7.10396 (06020224)	671028.00	4101825.45	7.08411 (06020224)
671017.38	4101847.95	7.06260 (06020224)	671006.76	4101870.46	7.03758 (06020224)
670996.14	4101892.96	7.01107 (06020224)	670985.52	4101915.47	6.98044 (06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670974.90	4101937.97	6.94735	(06020224)	670964.28	4101960.48	6.90989	(06020224)
670953.66	4101982.99	6.86942	(06020224)	670943.04	4102005.49	6.82531	(06020224)
670932.42	4102028.00	6.77745	(06020224)	670921.80	4102050.50	6.72616	(06020224)
670911.18	4102073.01	6.67239	(06020224)	670900.56	4102095.51	6.61634	(06020224)
670889.94	4102118.02	6.55919	(06020224)	670879.32	4102140.52	6.50101	(06020224)
670868.70	4102163.03	6.44254	(06020224)	670858.08	4102185.53	6.38355	(06020224)
670847.46	4102208.04	6.32452	(06020224)	670836.83	4102230.55	6.27166c	(06010524)
670826.21	4102253.05	6.28834c	(08011024)	670815.59	4102275.56	6.58724c	(08011024)
670804.97	4102298.06	6.93641c	(08011024)	670794.35	4102320.57	7.33093c	(08011024)
670783.73	4102343.07	7.75839c	(08011024)	670773.11	4102365.58	8.20366c	(08011024)
670762.49	4102388.08	8.64901c	(08011024)	670751.87	4102410.59	9.07779c	(08011024)
670741.25	4102433.09	9.47538c	(08011024)	670730.63	4102455.60	9.83184c	(08011024)
670720.01	4102478.11	10.14024c	(08011024)	670709.39	4102500.61	10.39881c	(08011024)
670698.77	4102523.12	10.60927c	(08011024)	670688.15	4102545.62	10.77551c	(08011024)
670677.53	4102568.13	10.90324c	(08011024)	670666.91	4102590.63	10.99832c	(08011024)
670656.29	4102613.14	11.06679c	(08011024)	670645.67	4102635.64	11.11454c	(08011024)
670635.04	4102658.15	11.14592c	(08011024)	670624.42	4102680.65	11.16525c	(08011024)
670613.80	4102703.16	11.17572c	(08011024)	670603.18	4102725.66	11.17925c	(08011024)
670592.56	4102748.17	11.17809c	(08011024)	670581.94	4102770.68	11.17370c	(08011024)
670571.32	4102793.18	11.16679c	(08011024)	670560.70	4102815.69	11.15842c	(08011024)
670550.08	4102838.19	11.14893c	(08011024)	670539.46	4102860.70	11.13884c	(08011024)
670528.84	4102883.20	11.12818c	(08011024)	670518.22	4102905.71	11.11735c	(08011024)
670507.60	4102928.21	11.10625c	(08011024)	670496.98	4102950.72	11.09504c	(08011024)
670486.36	4102973.22	11.08325c	(08011024)	670475.74	4102995.73	11.07139c	(08011024)
670465.12	4103018.24	11.05903c	(08011024)	670454.50	4103040.74	11.06642c	(06122124)
670443.87	4103063.25	11.18524c	(06122124)	670433.25	4103085.75	11.29308c	(06122124)
670422.63	4103108.26	11.38785c	(06122124)	670412.01	4103130.76	11.46391c	(06122124)
670401.39	4103153.27	11.51629c	(06122124)	670390.77	4103175.77	11.53818c	(06122124)
670380.15	4103198.28	11.52499c	(06122124)	670369.53	4103220.78	11.47408c	(06122124)
670358.91	4103243.29	11.39152c	(06122124)	670348.29	4103265.80	11.28898c	(06122124)
670337.67	4103288.30	11.18615c	(06122124)	670327.05	4103310.81	11.10041c	(06122124)
670316.43	4103333.31	11.03953c	(06122124)	670305.81	4103355.82	11.00081c	(06122124)
670295.19	4103378.32	10.96903c	(06122124)	670284.57	4103400.83	10.93278c	(06122124)
670273.95	4103423.33	10.88625c	(06122124)	670263.33	4103445.84	10.83697c	(06122124)
670252.71	4103468.34	10.79165c	(06122124)	670242.08	4103490.85	10.75057c	(06122124)
670231.46	4103513.36	10.70508c	(06122124)	670220.84	4103535.86	10.64386c	(06122124)
670210.22	4103558.37	10.55949c	(06122124)	670199.60	4103580.87	10.44751c	(06122124)
670188.98	4103603.38	10.31220c	(06122124)	670178.36	4103625.88	10.15687c	(06122124)
670947.16	4101432.58	6.22184	(06020224)	670964.95	4101416.47	6.27870	(06020224)
670982.75	4101400.36	6.33235	(06020224)	671000.54	4101384.25	6.38293	(06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671018.34	4101368.15	6.43104	(06020224)	671036.13	4101352.04	6.47681	(06020224)
671053.93	4101335.93	6.52009	(06020224)	671071.72	4101319.82	6.56196	(06020224)
671089.52	4101303.71	6.60075	(06020224)	671107.31	4101287.60	6.63819	(06020224)
671125.11	4101271.49	6.67219	(06020224)	671142.90	4101255.39	6.70313	(06020224)
671160.70	4101239.28	6.72929	(06020224)	671178.49	4101223.17	6.74966	(06020224)
671196.29	4101207.06	6.76195	(06020224)	671214.08	4101190.95	6.76462	(06020224)
671231.88	4101174.84	6.75530	(06020224)	671249.67	4101158.74	6.73206	(06020224)
671267.47	4101142.63	6.69287	(06020224)	671285.26	4101126.52	6.63506	(06020224)
671303.06	4101110.41	6.55763	(06020224)	671320.85	4101094.30	6.45711	(06020224)
671338.65	4101078.19	6.33331	(06020224)	671380.41	4101063.35	6.05463	(06020224)
671404.38	4101064.61	5.89216	(06020224)	671428.35	4101065.87	5.69407	(06020224)
671452.32	4101067.14	5.45921	(06020224)	671476.29	4101068.40	5.18706	(06020224)
671500.26	4101069.66	4.87927	(06020224)	671524.23	4101070.93	4.53875	(06020224)
671548.20	4101072.19	4.17132	(06020224)	671572.17	4101073.45	3.78331	(06020224)
671596.14	4101074.72	3.47146c	(08111524)	671620.11	4101075.98	3.56260c	(08111524)
671644.08	4101077.25	3.64273c	(08111524)	671668.05	4101078.51	3.70986c	(08111524)
671692.02	4101079.77	3.76583c	(08111524)	671715.99	4101081.04	3.81200c	(08111524)
671739.96	4101082.30	3.85005c	(08111524)	671763.93	4101083.56	3.88240c	(08111524)
671787.90	4101084.83	4.05918c	(07042024)	671811.87	4101086.09	4.24985c	(07042024)
671835.84	4101087.35	4.39796c	(07042024)	671859.81	4101088.62	4.50798c	(07042024)
671883.78	4101089.88	4.55540c	(07042024)	671907.75	4101091.14	4.56526c	(07042024)
670929.36	4101448.69	6.18815	(06020224)	670918.74	4101471.19	6.16142	(06020224)
670908.12	4101493.70	6.13215	(06020224)	670897.50	4101516.20	6.09990	(06020224)
670886.88	4101538.71	6.06525	(06020224)	670876.26	4101561.22	6.02709	(06020224)
670865.64	4101583.72	5.98617	(06020224)	670855.02	4101606.23	5.94084	(06020224)
670844.40	4101628.73	5.92421c	(06010524)	670833.78	4101651.24	5.92539c	(06010524)
670823.16	4101673.74	5.92556c	(06010524)	670812.54	4101696.25	5.92519c	(06010524)
670801.92	4101718.75	5.92323c	(06010524)	670791.29	4101741.26	5.91897c	(06010524)
670780.67	4101763.76	5.91299c	(06010524)	670770.05	4101786.27	5.90475c	(06010524)
670759.43	4101808.78	5.89427c	(06010524)	670748.81	4101831.28	5.88036c	(06010524)
670738.19	4101853.79	5.86335c	(06010524)	670727.57	4101876.29	5.84241c	(06010524)
670716.95	4101898.80	5.81695c	(06010524)	670706.33	4101921.30	5.78715c	(06010524)
670695.71	4101943.81	5.75219c	(06010524)	670685.09	4101966.31	5.71145c	(06010524)
670674.47	4101988.82	5.66422c	(06010524)	670663.85	4102011.32	5.61091c	(06010524)
670653.23	4102033.83	5.54943c	(06010524)	670642.61	4102056.34	5.48000c	(06010524)
670631.99	4102078.84	5.40204c	(06010524)	670621.37	4102101.35	5.31510c	(06010524)
670610.75	4102123.85	5.29907c	(08011024)	670600.12	4102146.36	5.41462c	(08011024)
670589.50	4102168.86	5.51988c	(08011024)	670578.88	4102191.37	5.62082c	(08011024)
670568.26	4102213.87	5.72355c	(08011024)	670557.64	4102236.38	5.83517c	(08011024)
670547.02	4102258.88	5.96239c	(08011024)	670536.40	4102281.39	6.11264c	(08011024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670525.78	4102303.89	6.29238c	(08011024)	670515.16	4102326.40	6.50681c	(08011024)
670504.54	4102348.91	6.75845c	(08011024)	670493.92	4102371.41	7.04674c	(08011024)
670483.30	4102393.92	7.36793c	(08011024)	670472.68	4102416.42	7.71475c	(08011024)
670462.06	4102438.93	8.07786c	(08011024)	670451.44	4102461.43	8.44593c	(08011024)
670440.82	4102483.94	8.80804c	(08011024)	670430.20	4102506.44	9.15387c	(08011024)
670419.58	4102528.95	9.47519c	(08011024)	670408.96	4102551.45	9.76559c	(08011024)
670398.33	4102573.96	10.02180c	(08011024)	670387.71	4102596.47	10.24213c	(08011024)
670377.09	4102618.97	10.42721c	(08011024)	670366.47	4102641.48	10.57968c	(08011024)
670355.85	4102663.98	10.70261c	(08011024)	670345.23	4102686.49	10.79920c	(08011024)
670334.61	4102708.99	10.87376c	(08011024)	670323.99	4102731.50	10.92960c	(08011024)
670313.37	4102754.00	10.97019c	(08011024)	670302.75	4102776.51	10.99823c	(08011024)
670292.13	4102799.01	11.01694c	(08011024)	670281.51	4102821.52	11.02727c	(08011024)
670270.89	4102844.03	11.03161c	(08011024)	670260.27	4102866.53	11.03070c	(08011024)
670249.65	4102889.04	11.02595c	(08011024)	670239.03	4102911.54	11.01709c	(08011024)
670228.41	4102934.05	11.00465c	(08011024)	670217.79	4102956.55	10.98758c	(08011024)
670207.16	4102979.06	10.96571c	(08011024)	670196.54	4103001.56	10.93788c	(08011024)
670185.92	4103024.07	10.90287c	(08011024)	670175.30	4103046.57	10.85898c	(08011024)
670164.68	4103069.08	10.80493c	(08011024)	670154.06	4103091.59	10.73941c	(08011024)
670143.44	4103114.09	10.66286c	(08011024)	670132.82	4103136.60	10.57493c	(08011024)
670122.20	4103159.10	10.47692c	(08011024)	670111.58	4103181.61	10.37155c	(08011024)
670100.96	4103204.11	10.26160c	(08011024)	670090.34	4103226.62	10.15055c	(08011024)
670079.72	4103249.12	10.04213c	(08011024)	670069.10	4103271.63	9.93944c	(08011024)
670058.48	4103294.13	9.84471c	(08011024)	670047.86	4103316.64	9.75880c	(08011024)
670037.24	4103339.14	9.68072c	(08011024)	670026.62	4103361.65	9.60708c	(08011024)
670016.00	4103384.16	9.53159c	(08011024)	670005.37	4103406.66	9.44476c	(08011024)
669994.75	4103429.17	9.33574c	(08011024)	669984.13	4103451.67	9.19398c	(08011024)
669973.51	4103474.18	9.01233c	(08011024)	669962.89	4103496.68	8.91873c	(06122124)
669952.27	4103519.19	8.86087c	(06122124)	670721.64	4101325.37	5.52214c	(06010524)
670740.01	4101308.74	5.53960c	(06010524)	670758.38	4101292.11	5.55593c	(06010524)
670776.75	4101275.48	5.57088c	(06010524)	670795.12	4101258.85	5.58501c	(06010524)
670813.49	4101242.23	5.59779c	(06010524)	670831.86	4101225.60	5.60961c	(06010524)
670850.22	4101208.97	5.63786	(06020224)	670868.59	4101192.34	5.70354	(06020224)
670886.96	4101175.71	5.76454	(06020224)	670905.33	4101159.09	5.82167	(06020224)
670923.70	4101142.46	5.87490	(06020224)	670942.07	4101125.83	5.92483	(06020224)
670960.44	4101109.20	5.97113	(06020224)	670978.81	4101092.57	6.01440	(06020224)
670997.18	4101075.94	6.05370	(06020224)	671015.55	4101059.32	6.08920	(06020224)
671033.91	4101042.69	6.11952	(06020224)	671052.28	4101026.06	6.14455	(06020224)
671070.65	4101009.43	6.16318	(06020224)	671089.02	4100992.80	6.17432	(06020224)
671107.39	4100976.18	6.17620	(06020224)	671125.76	4100959.55	6.16835	(06020224)
671144.13	4100942.92	6.14935	(06020224)	671162.50	4100926.29	6.11770	(06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671180.87	4100909.66	6.07164	(06020224)	671199.24	4100893.04	6.01183	(06020224)
671217.60	4100876.41	5.93576	(06020224)	671235.97	4100859.78	5.84295	(06020224)
671254.34	4100843.15	5.73198	(06020224)	671297.45	4100827.83	5.49339	(06020224)
671322.20	4100829.13	5.35954	(06020224)	671346.94	4100830.44	5.19946	(06020224)
671371.68	4100831.74	5.01266	(06020224)	671396.43	4100833.04	4.79807	(06020224)
671421.17	4100834.35	4.55726	(06020224)	671445.91	4100835.65	4.29134	(06020224)
671470.66	4100836.96	4.00185	(06020224)	671495.40	4100838.26	3.69424	(06020224)
671520.14	4100839.56	3.37337	(06020224)	671544.88	4100840.87	3.04482	(06020224)
671569.63	4100842.17	2.80054c	(08111524)	671594.37	4100843.48	2.86270c	(08111524)
671619.11	4100844.78	2.91762c	(08111524)	671643.86	4100846.08	2.96522c	(08111524)
671668.60	4100847.39	3.00565c	(08111524)	671693.34	4100848.69	3.04123c	(08111524)
671718.08	4100850.00	3.07471c	(08111524)	671742.83	4100851.30	3.10739c	(08111524)
671767.57	4100852.61	3.17115c	(07042024)	671792.31	4100853.91	3.35877c	(07042024)
671817.06	4100855.21	3.53223c	(07042024)	671841.80	4100856.52	3.68592c	(07042024)
671866.54	4100857.82	3.81338c	(07042024)	671891.29	4100859.13	3.91002c	(07042024)
671916.03	4100860.43	3.96946c	(07042024)	671940.77	4100861.73	3.98662c	(07042024)
671965.51	4100863.04	3.95925c	(07042024)	671990.26	4100864.34	3.88372c	(07042024)
672015.00	4100865.65	3.76205c	(07042024)	670703.27	4101341.99	5.50320c	(06010524)
670692.65	4101364.50	5.49690c	(06010524)	670682.03	4101387.01	5.49052c	(06010524)
670671.41	4101409.51	5.48205c	(06010524)	670660.79	4101432.02	5.47256c	(06010524)
670650.17	4101454.52	5.46109c	(06010524)	670639.55	4101477.03	5.44733c	(06010524)
670628.93	4101499.53	5.43123c	(06010524)	670618.31	4101522.04	5.41193c	(06010524)
670607.69	4101544.54	5.38924c	(06010524)	670597.07	4101567.05	5.36427c	(06010524)
670586.45	4101589.55	5.33312c	(06010524)	670575.83	4101612.06	5.29828c	(06010524)
670565.21	4101634.57	5.25816c	(06010524)	670554.58	4101657.07	5.22228c	(06010524)
670543.96	4101679.58	5.17033c	(06010524)	670533.34	4101702.08	5.11180c	(06010524)
670522.72	4101724.59	5.04717c	(06010524)	670512.10	4101747.09	4.97485c	(06010524)
670501.48	4101769.60	4.89512c	(06010524)	670490.86	4101792.10	4.80796c	(06010524)
670480.24	4101814.61	4.71298c	(06010524)	670469.62	4101837.11	4.60987c	(06010524)
670459.00	4101859.62	4.49990c	(06010524)	670448.38	4101882.12	4.38201c	(06010524)
670437.76	4101904.63	4.25735c	(06010524)	670427.14	4101927.14	4.12669c	(06010524)
670416.52	4101949.64	3.99032c	(06010524)	670405.90	4101972.15	4.18593c	(08011024)
670395.28	4101994.65	4.39436c	(08011024)	670384.66	4102017.16	4.58484c	(08011024)
670374.04	4102039.66	4.75589c	(08011024)	670363.42	4102062.17	4.90755c	(08011024)
670352.79	4102084.67	5.03987c	(08011024)	670342.17	4102107.18	5.15492c	(08011024)
670331.55	4102129.68	5.25473c	(08011024)	670320.93	4102152.19	5.34222c	(08011024)
670310.31	4102174.70	5.42051c	(08011024)	670299.69	4102197.20	5.49293c	(08011024)
670289.07	4102219.71	5.56282c	(08011024)	670278.45	4102242.21	5.63369c	(08011024)
670267.83	4102264.72	5.70931c	(08011024)	670257.21	4102287.22	5.79336c	(08011024)
670246.59	4102309.73	5.89031c	(08011024)	670235.97	4102332.23	6.00397c	(08011024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670225.35	4102354.74	6.13882c	(08011024)	670214.73	4102377.24	6.29793c	(08011024)
670204.11	4102399.75	6.48398c	(08011024)	670193.49	4102422.26	6.69820c	(08011024)
670182.87	4102444.76	6.93906c	(08011024)	670172.25	4102467.27	7.20455c	(08011024)
670161.62	4102489.77	7.48946c	(08011024)	670151.00	4102512.28	7.78821c	(08011024)
670140.38	4102534.78	8.09325c	(08011024)	670129.76	4102557.29	8.39748c	(08011024)
670119.14	4102579.79	8.69322c	(08011024)	670108.52	4102602.30	8.97497c	(08011024)
670097.90	4102624.80	9.23653c	(08011024)	670087.28	4102647.31	9.47508c	(08011024)
670076.66	4102669.82	9.68753c	(08011024)	670066.04	4102692.32	9.87318c	(08011024)
670055.42	4102714.83	10.03217c	(08011024)	670044.80	4102737.33	10.16555c	(08011024)
670034.18	4102759.84	10.27470c	(08011024)	670023.56	4102782.34	10.36102c	(08011024)
670012.94	4102804.85	10.42718c	(08011024)	670002.32	4102827.35	10.47369c	(08011024)
669991.70	4102849.86	10.50304c	(08011024)	669981.08	4102872.36	10.51600c	(08011024)
669970.45	4102894.87	10.51349c	(08011024)	669959.83	4102917.37	10.49668c	(08011024)
669949.21	4102939.88	10.46589c	(08011024)	669938.59	4102962.39	10.42257c	(08011024)
669927.97	4102984.89	10.36763c	(08011024)	669917.35	4103007.40	10.30250c	(08011024)
669906.73	4103029.90	10.22836c	(08011024)	669896.11	4103052.41	10.14777c	(08011024)
669885.49	4103074.91	10.06338c	(08011024)	669874.87	4103097.42	9.97662c	(08011024)
669864.25	4103119.92	9.89114c	(08011024)	669853.63	4103142.43	9.80776c	(08011024)
669843.01	4103164.93	9.72920c	(08011024)	669832.39	4103187.44	9.65629c	(08011024)
669821.77	4103209.95	9.58927c	(08011024)	669811.15	4103232.45	9.52825c	(08011024)
669800.53	4103254.96	9.47154c	(08011024)	669789.91	4103277.46	9.41684c	(08011024)
669779.29	4103299.97	9.35971c	(08011024)	669768.66	4103322.47	9.29477c	(08011024)
669758.04	4103344.98	9.21564c	(08011024)	669747.42	4103367.48	9.11538c	(08011024)
669736.80	4103389.99	8.98803c	(08011024)	669726.18	4103412.49	8.83049c	(08011024)
670269.27	4101112.16	4.14622c	(06010524)	670287.44	4101095.70	4.22186c	(06010524)
670305.61	4101079.25	3.30116c	(06010524)	670323.79	4101062.80	3.29415c	(06010524)
670341.96	4101046.35	3.30408c	(06010524)	670360.14	4101029.90	3.38057c	(06010524)
670378.31	4101013.45	4.61431c	(06010524)	670396.48	4100997.00	4.75751c	(06010524)
670414.66	4100980.55	4.83698c	(06010524)	670432.83	4100964.09	4.88691c	(06010524)
670451.00	4100947.64	4.93124c	(06010524)	670469.18	4100931.19	4.97128c	(06010524)
670487.35	4100914.74	5.00692c	(06010524)	670505.52	4100898.29	5.03864c	(06010524)
670523.70	4100881.84	5.06668c	(06010524)	670541.87	4100865.39	5.09152c	(06010524)
670560.04	4100848.94	5.11292c	(06010524)	670578.22	4100832.48	5.13079c	(06010524)
670596.39	4100816.03	5.14607c	(06010524)	670614.57	4100799.58	5.15707c	(06010524)
670632.74	4100783.13	5.16587c	(06010524)	670650.91	4100766.68	5.16957c	(06010524)
670669.09	4100750.23	5.16911c	(06010524)	670687.26	4100733.78	5.16341c	(06010524)
670705.43	4100717.33	5.15229c	(06010524)	670723.61	4100700.87	5.13434c	(06010524)
670741.78	4100684.42	5.11004c	(06010524)	670759.95	4100667.97	5.07849c	(06010524)
670778.13	4100651.52	5.05232	(06020224)	670796.30	4100635.07	5.09563	(06020224)
670814.47	4100618.62	5.13343	(06020224)	670832.65	4100602.17	5.16561	(06020224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670850.82	4100585.72	5.19224	(06020224)	670869.00	4100569.27	5.21185	(06020224)
670887.17	4100552.81	5.22471	(06020224)	670905.34	4100536.36	5.23053	(06020224)
670923.52	4100519.91	5.22912	(06020224)	670941.69	4100503.46	5.21990	(06020224)
670959.86	4100487.01	5.20253	(06020224)	670978.04	4100470.56	5.17737	(06020224)
670996.21	4100454.11	5.14337	(06020224)	671014.38	4100437.66	5.10028	(06020224)
671032.56	4100421.20	5.04851	(06020224)	671050.73	4100404.75	4.94983	(06020224)
671068.91	4100388.30	4.68002	(06020224)	671087.08	4100371.85	4.46821	(06020224)
671129.73	4100356.69	3.28855	(06020224)	671154.21	4100357.98	2.72109	(06020224)
671178.69	4100359.27	2.39576	(06020224)	671203.17	4100360.56	2.34756	(06020224)
671227.65	4100361.85	2.54857	(06020224)	671252.13	4100363.14	2.86952	(06020224)
671276.61	4100364.43	3.16295	(06020224)	671301.09	4100365.72	3.17054	(06020224)
671325.57	4100367.01	3.09509	(06020224)	671350.05	4100368.30	3.00704	(06020224)
671374.53	4100369.59	2.89305	(06020224)	671399.01	4100370.88	2.74139	(06020224)
671423.49	4100372.17	2.57510	(06020224)	671447.97	4100373.46	2.40448	(06020224)
671472.45	4100374.75	2.26631	(06020224)	671496.93	4100376.04	2.01173	(06020224)
671521.41	4100377.33	1.83447c	(08111524)	671545.89	4100378.62	1.80145c	(08111524)
671570.37	4100379.91	1.79931c	(08111524)	671594.85	4100381.20	1.83330c	(08111524)
671619.33	4100382.49	1.94468c	(08111524)	671643.81	4100383.78	1.99139c	(08111524)
671668.29	4100385.07	2.00219c	(08111524)	671692.77	4100386.37	2.01627c	(08111524)
671717.25	4100387.66	2.03528c	(08111524)	671741.73	4100388.95	2.06009c	(08111524)
671766.21	4100390.24	2.12427c	(07042024)	671790.68	4100391.53	2.27361c	(07042024)
671815.16	4100392.82	2.41955c	(07042024)	671839.64	4100394.11	2.55924c	(07042024)
671864.12	4100395.40	2.69064c	(07042024)	671888.60	4100396.69	2.81378c	(07042024)
671913.08	4100397.98	2.92069c	(07042024)	671937.56	4100399.27	3.00928c	(07042024)
671962.04	4100400.56	3.07808c	(07042024)	671986.52	4100401.85	3.12716c	(07042024)
672011.00	4100403.14	3.15082c	(07042024)	672035.48	4100404.43	3.14164c	(07042024)
672059.96	4100405.72	3.10424c	(07042024)	672084.44	4100407.01	3.04317c	(07042024)
672108.92	4100408.30	2.95424c	(07042024)	672133.40	4100409.59	2.84024c	(07042024)
672157.88	4100410.88	2.70242c	(07042024)	672182.36	4100412.17	2.53904c	(07042024)
672206.84	4100413.46	2.37273c	(07042024)	672231.32	4100414.75	2.25774c	(05010524)
670251.09	4101128.61	4.02994c	(06010524)	670240.47	4101151.11	3.07419c	(06010524)
670229.85	4101173.62	2.93097c	(06010524)	670219.23	4101196.12	2.78246c	(06010524)
670208.61	4101218.63	2.66222c	(06010524)	670197.99	4101241.13	2.55227c	(06010524)
670187.37	4101263.64	2.47591c	(06010524)	670176.75	4101286.14	2.54010c	(06010524)
670166.13	4101308.65	2.64956c	(06010524)	670155.51	4101331.16	3.19742c	(06010524)
670144.89	4101353.66	3.13986c	(06010524)	670134.27	4101376.17	3.03821c	(06010524)
670123.65	4101398.67	2.93172c	(06010524)	670113.03	4101421.18	2.82655c	(06010524)
670102.41	4101443.68	2.79980c	(05122424)	670091.79	4101466.19	2.82349c	(05122424)
670081.16	4101488.69	2.84291c	(05122424)	670070.54	4101511.20	2.85836c	(05122424)
670059.92	4101533.70	2.87053c	(05122424)	670049.30	4101556.21	2.87960c	(05122424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670038.68	4101578.72	2.88622c	(05122424)	670028.06	4101601.22	2.89086c	(05122424)
670017.44	4101623.73	2.89404c	(05122424)	670006.82	4101646.23	2.90520c	(05122424)
669996.20	4101668.74	2.90688c	(05122424)	669985.58	4101691.24	2.90825c	(05122424)
669974.96	4101713.75	2.91001c	(05122424)	669964.34	4101736.25	2.91234c	(05122424)
669953.72	4101758.76	2.91566c	(05122424)	669943.10	4101781.26	2.92040c	(05122424)
669932.48	4101803.77	2.99403c	(08011024)	669921.86	4101826.28	3.17807c	(08011024)
669911.24	4101848.78	3.35919c	(08011024)	669900.62	4101871.29	3.53653c	(08011024)
669890.00	4101893.79	3.70920c	(08011024)	669879.37	4101916.30	3.87595c	(08011024)
669868.75	4101938.80	4.03512c	(08011024)	669858.13	4101961.31	4.18533c	(08011024)
669847.51	4101983.81	4.32514c	(08011024)	669836.89	4102006.32	4.45368c	(08011024)
669826.27	4102028.82	4.57013c	(08011024)	669815.65	4102051.33	4.67442c	(08011024)
669805.03	4102073.83	4.76661c	(08011024)	669794.41	4102096.34	4.84753c	(08011024)
669783.79	4102118.85	4.91838c	(08011024)	669773.17	4102141.35	4.97987c	(08011024)
669762.55	4102163.86	5.03373c	(08011024)	669751.93	4102186.36	5.08140c	(08011024)
669741.31	4102208.87	5.12426c	(08011024)	669730.69	4102231.37	5.16370c	(08011024)
669720.07	4102253.88	5.20131c	(08011024)	669709.45	4102276.38	5.23788c	(08011024)
669698.83	4102298.89	5.27523c	(08011024)	669688.20	4102321.39	5.31431c	(08011024)
669677.58	4102343.90	5.35622c	(08011024)	669666.96	4102366.41	5.40254c	(08011024)
669656.34	4102388.91	5.45459c	(08011024)	669645.72	4102411.42	5.51353c	(08011024)
669635.10	4102433.92	5.58125c	(08011024)	669624.48	4102456.43	5.65921c	(08011024)
669613.86	4102478.93	5.74879c	(08011024)	669603.24	4102501.44	5.85125c	(08011024)
669592.62	4102523.94	5.96735c	(08011024)	669582.00	4102546.45	6.09740c	(08011024)
669571.38	4102568.95	6.24110c	(08011024)	669560.76	4102591.46	6.39716c	(08011024)
669550.14	4102613.97	6.56404c	(08011024)	669539.52	4102636.47	6.73894c	(08011024)
669528.90	4102658.98	6.91934c	(08011024)	669518.28	4102681.48	7.10105c	(08011024)
669507.66	4102703.99	7.28132c	(08011024)	669497.04	4102726.49	7.45649c	(08011024)
669486.41	4102749.00	7.62300c	(08011024)	669475.79	4102771.50	7.77891c	(08011024)
669465.17	4102794.01	7.92197c	(08011024)	669454.55	4102816.51	8.05112c	(08011024)
669443.93	4102839.02	8.16580c	(08011024)	669433.31	4102861.53	8.26574c	(08011024)
669422.69	4102884.03	8.35141c	(08011024)	669412.07	4102906.54	8.42380c	(08011024)
669401.45	4102929.04	8.48400c	(08011024)	669390.83	4102951.55	8.53332c	(08011024)
669380.21	4102974.05	8.57287c	(08011024)	669369.59	4102996.56	8.60389c	(08011024)
669358.97	4103019.06	8.62737c	(08011024)	669348.35	4103041.57	8.64417c	(08011024)
669337.73	4103064.07	8.65501c	(08011024)	669327.11	4103086.58	8.66004c	(08011024)
669316.49	4103109.08	8.65816c	(08011024)	669305.87	4103131.59	8.64896c	(08011024)
669295.24	4103154.10	8.63150c	(08011024)	669284.62	4103176.60	8.60266c	(08011024)
669274.00	4103199.11	8.56138c	(08011024)	669817.28	4100898.59	2.28245c	(08111524)
669835.65	4100881.96	2.28759c	(08111524)	669854.02	4100865.33	2.31011c	(06010524)
669872.39	4100848.71	2.42167c	(06010524)	669890.76	4100832.08	2.53642c	(06010524)
669909.13	4100815.45	2.65348c	(06010524)	669927.50	4100798.82	2.76517c	(06010524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669945.87	4100782.19	2.84348c	(06010524)	669964.24	4100765.57	2.41175c	(06010524)
669982.60	4100748.94	2.43064c	(06010524)	670000.97	4100732.31	2.46314c	(06010524)
670019.34	4100715.68	2.54253c	(06010524)	670037.71	4100699.05	2.65547c	(06010524)
670056.08	4100682.43	3.52357c	(06010524)	670074.45	4100665.80	3.67079c	(06010524)
670092.82	4100649.17	3.79620c	(06010524)	670111.19	4100632.54	3.90843c	(06010524)
670129.56	4100615.91	3.98555c	(06010524)	670147.93	4100599.28	4.04200c	(06010524)
670166.29	4100582.66	3.10254c	(06010524)	670184.66	4100566.03	3.10845c	(06010524)
670203.03	4100549.40	3.12722c	(06010524)	670221.40	4100532.77	3.16943c	(06010524)
670239.77	4100516.14	3.21723c	(06010524)	670258.14	4100499.52	3.27346c	(06010524)
670276.51	4100482.89	4.48818c	(06010524)	670294.88	4100466.26	4.55422c	(06010524)
670313.25	4100449.63	4.60299c	(06010524)	670331.62	4100433.00	4.68364c	(06010524)
670349.98	4100416.38	4.71480c	(06010524)	670368.35	4100399.75	4.73759c	(06010524)
670386.72	4100383.12	4.75432c	(06010524)	670405.09	4100366.49	4.76634c	(06010524)
670423.46	4100349.86	4.77275c	(06010524)	670441.83	4100333.23	4.77400c	(06010524)
670460.20	4100316.61	4.76884c	(06010524)	670478.57	4100299.98	4.75320c	(06010524)
670496.94	4100283.35	4.68304c	(06010524)	670515.31	4100266.72	4.62642c	(06010524)
670533.67	4100250.09	3.90518	(06020224)	670552.04	4100233.47	3.88201	(06020224)
670570.41	4100216.84	3.83726	(06020224)	670588.78	4100200.21	3.77374	(06020224)
670607.15	4100183.58	3.70126	(06020224)	670625.52	4100166.95	3.65357	(06020224)
670643.89	4100150.33	3.63264	(06020224)	670662.26	4100133.70	3.61508	(06020224)
670680.63	4100117.07	3.60457	(06020224)	670699.00	4100100.44	3.58471	(06020224)
670717.37	4100083.81	3.53128	(06020224)	670735.73	4100067.19	3.42923	(06020224)
670754.10	4100050.56	3.27324	(06020224)	670772.47	4100033.93	3.08899	(06020224)
670790.84	4100017.30	2.93403	(06020224)	670809.21	4100000.67	3.06127	(06020224)
670827.58	4099984.04	3.16796	(06020224)	670845.95	4099967.42	2.97078	(06020224)
670864.32	4099950.79	2.89726	(06020224)	670882.69	4099934.16	2.34012	(06020224)
670901.06	4099917.53	1.70058	(06020224)	670919.42	4099900.90	1.51387c	(06010524)
670962.54	4099885.58	1.36369c	(06010524)	670987.28	4099886.88	1.29157c	(06010524)
671012.02	4099888.19	1.22029c	(06010524)	671036.76	4099889.49	0.95987c	(06010524)
671061.51	4099890.80	0.89267c	(06010524)	671086.25	4099892.10	1.00019c	(06010524)
671110.99	4099893.40	0.92565c	(06010524)	671135.74	4099894.71	0.85180c	(06010524)
671160.48	4099896.01	0.77933c	(06010524)	671185.22	4099897.32	0.87966	(06020224)
671209.97	4099898.62	0.97238	(06020224)	671234.71	4099899.93	1.15287	(06020224)
671259.45	4099901.23	1.17690	(06020224)	671284.19	4099902.53	0.89788	(06020224)
671308.94	4099903.84	0.71489	(06020224)	671333.68	4099905.14	0.58199	(06020224)
671358.42	4099906.45	0.38171c	(05050824)	671383.17	4099907.75	0.36995c	(05050824)
671407.91	4099909.05	0.37100c	(05050824)	671432.65	4099910.36	0.38445c	(05050824)
671457.40	4099911.66	0.45463	(07020124)	671482.14	4099912.97	0.45784	(07020124)
671506.88	4099914.27	0.45930	(07020124)	671531.62	4099915.57	0.50209	(06040324)
671556.37	4099916.88	0.60596	(06040324)	671581.11	4099918.18	0.68836	(06040324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671605.85	4099919.49	0.70639 (06040324)	671630.60	4099920.79	0.72549c (06102824)
671655.34	4099922.10	0.77005c (06102824)	671680.08	4099923.40	0.80544c (06102824)
671704.82	4099924.70	0.84304c (07042024)	671729.57	4099926.01	0.91206c (07042024)
671754.31	4099927.31	1.02111c (07042024)	671779.05	4099928.62	1.20736c (07042024)
671803.80	4099929.92	1.39723c (07042024)	671828.54	4099931.22	1.56914c (07042024)
671853.28	4099932.53	1.73152c (07042024)	671878.03	4099933.83	1.88943c (07042024)
671902.77	4099935.14	1.98456c (07042024)	671927.51	4099936.44	2.04647c (07042024)
671952.25	4099937.74	2.09599c (07042024)	671977.00	4099939.05	2.14460c (07042024)
672001.74	4099940.35	2.19721c (07042024)	672026.48	4099941.66	2.25946c (07042024)
672051.23	4099942.96	2.32397c (07042024)	672075.97	4099944.27	2.37808c (07042024)
672100.71	4099945.57	2.41117c (07042024)	672125.45	4099946.87	2.42600c (07042024)
672150.20	4099948.18	2.42792c (07042024)	672174.94	4099949.48	2.39574c (07042024)
672199.68	4099950.79	2.35161c (07042024)	672224.43	4099952.09	2.30207c (07042024)
672249.17	4099953.39	2.21320c (07042024)	672273.91	4099954.70	2.10216c (07042024)
672298.66	4099956.00	1.97749c (07042024)	672323.40	4099957.31	1.83362c (07042024)
672348.14	4099958.61	1.69690c (07011524)	672372.88	4099959.91	1.75240c (05010524)
672397.63	4099961.22	1.79532c (05010524)	672422.37	4099962.52	1.82026c (05010524)
672447.11	4099963.83	1.83239c (05010524)	669798.91	4100915.22	2.27397c (08111524)
669788.29	4100937.72	2.26911c (08111524)	669777.67	4100960.23	2.26191c (08111524)
669767.05	4100982.74	2.25290c (08111524)	669756.43	4101005.24	2.24232c (08111524)
669745.81	4101027.75	2.23049c (08111524)	669735.19	4101050.25	2.21753c (08111524)
669724.57	4101072.76	2.20378c (08111524)	669713.95	4101095.26	2.23131c (05122424)
669703.33	4101117.77	2.26637c (05122424)	669692.71	4101140.27	2.29909c (05122424)
669682.09	4101162.78	2.32956c (05122424)	669671.47	4101185.28	2.35726c (05122424)
669660.85	4101207.79	2.38244c (05122424)	669650.23	4101230.30	2.40458c (05122424)
669639.61	4101252.80	2.42413c (05122424)	669628.99	4101275.31	2.44054c (05122424)
669618.37	4101297.81	2.45432c (05122424)	669607.75	4101320.32	2.46531c (05122424)
669597.12	4101342.82	2.47388c (05122424)	669586.50	4101365.33	2.47987c (05122424)
669575.88	4101387.83	2.48358c (05122424)	669565.26	4101410.34	2.48536c (05122424)
669554.64	4101432.84	2.48523c (05122424)	669544.02	4101455.35	2.48323c (05122424)
669533.40	4101477.85	2.47962c (05122424)	669522.78	4101500.36	2.47444c (05122424)
669512.16	4101522.87	2.46774c (05122424)	669501.54	4101545.37	2.45955c (05122424)
669490.92	4101567.88	2.44999c (05122424)	669480.30	4101590.38	2.43891c (05122424)
669469.68	4101612.89	2.42652c (05122424)	669459.06	4101635.39	2.42279c (05030124)
669448.44	4101657.90	2.42313c (05030124)	669437.82	4101680.40	2.49300c (08011024)
669427.20	4101702.91	2.63131c (08011024)	669416.58	4101725.41	2.76874c (08011024)
669405.95	4101747.92	2.90521c (08011024)	669395.33	4101770.43	3.04053c (08011024)
669384.71	4101792.93	3.17462c (08011024)	669374.09	4101815.44	3.30720c (08011024)
669363.47	4101837.94	3.43763c (08011024)	669352.85	4101860.45	3.56532c (08011024)
669342.23	4101882.95	3.68923c (08011024)	669331.61	4101905.46	3.80834c (08011024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669320.99	4101927.96	3.92151c	(08011024)	669310.37	4101950.47	4.02809c	(08011024)
669299.75	4101972.97	4.12721c	(08011024)	669289.13	4101995.48	4.21827c	(08011024)
669278.51	4102017.99	4.30110c	(08011024)	669267.89	4102040.49	4.37525c	(08011024)
669257.27	4102063.00	4.44108c	(08011024)	669246.65	4102085.50	4.49885c	(08011024)
669236.03	4102108.01	4.54883c	(08011024)	669225.41	4102130.51	4.59150c	(08011024)
669214.78	4102153.02	4.62772c	(08011024)	669204.16	4102175.52	4.65772c	(08011024)
669193.54	4102198.03	4.68239c	(08011024)	669182.92	4102220.53	4.70224c	(08011024)
669172.30	4102243.04	4.71787c	(08011024)	669161.68	4102265.55	4.72983c	(08011024)
669151.06	4102288.05	4.73825c	(08011024)	669140.44	4102310.56	4.74391c	(08011024)
669129.82	4102333.06	4.74741c	(08011024)	669119.20	4102355.57	4.74864c	(08011024)
669108.58	4102378.07	4.74870c	(08011024)	669097.96	4102400.58	4.74757c	(08011024)
669087.34	4102423.08	4.74601c	(08011024)	669076.72	4102445.59	4.74498c	(08011024)
669066.10	4102468.09	4.74502c	(08011024)	669055.48	4102490.60	4.74715c	(08011024)
669044.86	4102513.10	4.75230c	(08011024)	669034.24	4102535.61	4.76226c	(08011024)
669023.62	4102558.12	4.77790c	(08011024)	669012.99	4102580.62	4.80105c	(08011024)
669002.37	4102603.13	4.83285c	(08011024)	668991.75	4102625.63	4.87466c	(08011024)
668981.13	4102648.14	4.92779c	(08011024)	668970.51	4102670.64	4.99253c	(08011024)
668959.89	4102693.15	5.07007c	(08011024)	668949.27	4102715.65	5.16011c	(08011024)
668938.65	4102738.16	5.26262c	(08011024)	668928.03	4102760.66	5.37641c	(08011024)
668917.41	4102783.17	5.50068c	(08011024)	668906.79	4102805.68	5.63362c	(08011024)
668896.17	4102828.18	5.77325c	(08011024)	668885.55	4102850.69	5.91783c	(08011024)
668874.93	4102873.19	6.06452c	(08011024)	668864.31	4102895.70	6.21115c	(08011024)
668853.69	4102918.20	6.35551c	(08011024)	668843.07	4102940.71	6.49458c	(08011024)
668832.45	4102963.21	6.62628c	(08011024)	668821.82	4102985.72	6.74828c	(08011024)
670622.36	4103862.89	11.79088c	(08122824)	670645.08	4103870.77	12.24782c	(08122824)
670667.81	4103878.64	12.68486c	(08122824)	670690.54	4103886.52	13.08000c	(08122824)
670713.26	4103894.39	13.38808c	(08122824)	670735.99	4103902.26	12.87782c	(08122824)
670758.72	4103910.14	14.28373c	(05010524)	670781.45	4103918.01	21.51601c	(05010524)
670804.17	4103925.89	25.34040c	(05010524)	670826.90	4103933.76	25.47999c	(05010524)
670849.63	4103941.63	23.08744c	(06122024)	670872.36	4103949.51	22.89030c	(06122024)
670895.08	4103957.38	23.56749	(05010224)	670917.81	4103965.26	24.66730	(05010224)
670940.54	4103973.13	25.32580	(05010224)	670963.27	4103981.01	25.53224	(05010224)
670985.99	4103988.88	25.20431	(05010224)	671008.72	4103996.75	24.26072	(05010224)
671031.45	4104004.63	22.66363	(05010224)	671054.17	4104012.50	20.61480	(05010224)
671076.90	4104020.38	18.50493	(05010224)	671099.63	4104028.25	17.30858c	(08122824)
671122.36	4104036.13	16.57624c	(08122824)	671145.08	4104044.00	15.92207c	(08122824)
671167.81	4104051.87	15.31785c	(08122824)	671190.54	4104059.75	14.73441c	(08122824)
671213.27	4104067.62	14.16351c	(08122824)	670599.31	4103872.59	11.46116c	(08122824)
670636.90	4103894.39	12.24380c	(08122824)	670659.63	4103902.26	12.63622c	(08122824)
670682.35	4103910.14	12.96153c	(08122824)	670705.08	4103918.01	13.18067c	(08122824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670727.81	4103925.89	12.45925c (08122824)	670750.54	4103933.76	15.12738c (05010524)
670773.26	4103941.63	22.30239c (05010524)	670795.99	4103949.51	24.64743c (05010524)
670818.72	4103957.38	23.83270c (05010524)	670841.44	4103965.26	21.89242c (06122024)
670864.17	4103973.13	21.71497c (06122024)	670886.90	4103981.01	22.42972 (05010224)
670909.63	4103988.88	23.44988 (05010224)	670932.35	4103996.75	24.03432 (05010224)
670955.08	4104004.63	24.15756 (05010224)	670977.81	4104012.50	23.77083 (05010224)
671000.54	4104020.38	22.81268 (05010224)	671023.26	4104028.25	21.27842 (05010224)
671045.99	4104036.13	19.37485 (05010224)	671068.72	4104044.00	17.43811 (05010224)
671091.44	4104051.87	16.12537c (08122824)	671114.17	4104059.75	15.47776c (08122824)
671136.90	4104067.62	14.90713c (08122824)	671159.63	4104075.50	14.39069c (08122824)
671182.35	4104083.37	13.90170c (08122824)	671205.08	4104091.24	13.42589c (08122824)
670591.13	4103896.21	11.49429c (08122824)	670561.84	4103847.99	10.62259 (05123024)
670628.71	4103918.01	12.21199c (08122824)	670651.44	4103925.89	12.54673c (08122824)
670674.17	4103933.76	12.79315c (08122824)	670696.90	4103941.63	12.94081c (08122824)
670719.62	4103949.51	12.41666c (05010524)	670742.35	4103957.38	16.29378c (05010524)
670765.08	4103965.26	22.81952c (05010524)	670787.81	4103973.13	23.86140c (05010524)
670810.53	4103981.01	22.35035c (05010524)	670833.26	4103988.88	20.73686c (06122024)
670855.99	4103996.75	20.69068c (06122024)	670878.71	4104004.63	21.44977 (05010224)
670901.44	4104012.50	22.39176 (05010224)	670924.17	4104020.38	22.91874 (05010224)
670946.90	4104028.25	22.95786 (05010224)	670969.62	4104036.12	22.50181 (05010224)
670992.35	4104044.00	21.53052 (05010224)	671015.08	4104051.87	20.05388 (05010224)
671037.81	4104059.75	18.27202 (05010224)	671060.53	4104067.62	16.47659 (05010224)
671083.26	4104075.50	15.07693c (08122824)	671105.99	4104083.37	14.49309c (08122824)
671128.72	4104091.24	13.98499c (08122824)	671151.44	4104099.12	13.53483c (08122824)
671174.17	4104106.99	13.11880c (08122824)	671196.90	4104114.87	12.71833c (08122824)
670582.94	4103919.83	11.51022c (08122824)	670553.22	4103891.97	10.83317c (08122824)
670538.80	4103857.68	10.34027 (05123024)	670620.53	4103941.63	12.14534c (08122824)
670643.26	4103949.51	12.41195c (08122824)	670665.98	4103957.38	12.57719c (08122824)
670688.71	4103965.26	12.47269c (08122824)	670711.44	4103973.13	12.71593c (05010524)
670734.17	4103981.00	17.58197c (05010524)	670756.89	4103988.88	22.88641c (05010524)
670779.62	4103996.75	22.86838c (05010524)	670802.35	4104004.63	20.96641c (05010524)
670825.08	4104012.50	19.69723c (06122024)	670847.80	4104020.38	19.90185c (06122024)
670870.53	4104028.25	20.63913 (05010224)	670893.26	4104036.12	21.52110 (05010224)
670915.98	4104044.00	21.96724 (05010224)	670938.71	4104051.87	21.87859 (05010224)
670961.44	4104059.75	21.36610 (05010224)	670984.17	4104067.62	20.38465 (05010224)
671006.89	4104075.50	18.96353 (05010224)	671029.62	4104083.37	17.28847 (05010224)
671052.35	4104091.24	15.61123 (05010224)	671075.08	4104099.12	14.14719c (08122824)
671097.80	4104106.99	13.61263c (08122824)	671120.53	4104114.87	13.15034c (08122824)
671143.26	4104122.74	12.75035c (08122824)	671165.99	4104130.62	12.38870c (08122824)
671188.71	4104138.49	12.04732c (08122824)	670566.57	4103967.08	11.47358c (08122824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670536.85	4103939.22	10.90988c (08122824)	670507.13	4103911.36	10.24192c (08122824)
670492.71	4103877.07	9.79540 (05123024)	670493.58	4103836.34	10.12803c (06122124)
670604.16	4103988.88	11.89220c (08122824)	670626.89	4103996.75	12.01077c (08122824)
670649.62	4104004.63	12.02134c (08122824)	670672.34	4104012.50	11.77928c (05010524)
670695.07	4104020.38	13.64604c (05010524)	670717.80	4104028.25	19.51206c (05010524)
670740.53	4104036.12	20.84993c (05010524)	670763.25	4104044.00	20.71982c (05010524)
670785.98	4104051.87	18.91494c (05010524)	670808.71	4104059.75	18.96978c (06122024)
670831.43	4104067.62	19.46217c (06122024)	670854.16	4104075.50	19.80735c (06122024)
670876.89	4104083.37	20.39503 (05010224)	670899.62	4104091.24	20.26683 (05010224)
670922.34	4104099.12	20.01729 (05010224)	670945.07	4104106.99	19.41227 (05010224)
670967.80	4104114.87	18.41817 (05010224)	670990.53	4104122.74	17.10432 (05010224)
671013.25	4104130.61	15.77454c (04122424)	671035.98	4104138.49	14.48387c (04122424)
671058.71	4104146.36	13.08770c (04122424)	671081.43	4104154.24	12.11119c (08122824)
671104.16	4104162.11	11.71200c (08122824)	671126.89	4104169.99	11.37432c (08122824)
671149.62	4104177.86	11.08567c (08122824)	671172.34	4104185.73	10.82721c (08122824)
670548.08	4104012.33	11.29348c (08122824)	670531.10	4103996.41	11.08696c (08122824)
670514.12	4103980.49	10.80451c (08122824)	670497.13	4103964.57	10.47438c (08122824)
670480.15	4103948.65	10.11345c (08122824)	670463.17	4103932.74	9.73640c (08122824)
670446.68	4103893.55	9.27839 (05123024)	670447.18	4103870.27	9.47382c (06122124)
670447.68	4103847.00	9.84290c (06122124)	670448.18	4103823.73	10.19769c (06122124)
670448.67	4103800.46	10.52981c (06122124)	670449.17	4103777.19	10.83354c (06122124)
670565.07	4104028.25	11.39764c (08122824)	670587.79	4104036.12	11.47914c (08122824)
670610.52	4104044.00	11.46136c (08122824)	670633.25	4104051.87	11.63995c (05010524)
670655.97	4104059.75	11.80719c (05010524)	670678.70	4104067.62	15.25389c (05010524)
670701.43	4104075.49	19.88489c (05010524)	670724.16	4104083.37	19.72023c (05010524)
670746.88	4104091.24	19.80370c (05010524)	670769.61	4104099.12	19.03495c (05010524)
670792.34	4104106.99	18.80181c (06122024)	670815.07	4104114.87	18.89597c (06122024)
670837.79	4104122.74	18.49685 (05010224)	670860.52	4104130.61	18.48390 (05010224)
670883.25	4104138.49	18.53626 (05010224)	670905.97	4104146.36	18.31079 (05010224)
670928.70	4104154.24	17.72274 (05010224)	670951.43	4104162.11	16.78293 (05010224)
670974.16	4104169.99	15.60175c (04122424)	670996.88	4104177.86	14.69431c (04122424)
671019.61	4104185.73	13.60091c (04122424)	671042.34	4104193.61	12.40040c (04122424)
671065.07	4104201.48	11.17592c (04122424)	671087.79	4104209.36	10.52853c (08122824)
671110.52	4104217.23	10.22782c (08122824)	671133.25	4104225.10	9.97963c (08122824)
671155.98	4104232.98	9.76877c (08122824)	670532.19	4104060.02	11.00694c (08122824)
670515.67	4104044.54	10.93381c (08122824)	670499.16	4104029.06	10.76584c (08122824)
670482.65	4104013.59	10.52516c (08122824)	670466.14	4103998.11	10.23210c (08122824)
670433.12	4103967.16	9.55992c (08122824)	670416.61	4103951.68	9.20187c (08122824)
670400.58	4103913.58	8.80258 (05123024)	670401.06	4103890.95	9.07952c (06122124)
670401.55	4103868.33	9.41038c (06122124)	670402.03	4103845.70	9.73500c (06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670402.52	4103823.08	10.04367c (06122124)	670403.00	4103800.45	10.33031c (06122124)
670403.48	4103777.83	10.59358c (06122124)	670403.97	4103755.20	10.83356c (06122124)
670548.70	4104075.49	10.97625c (08122824)	670571.42	4104083.37	10.93742c (08122824)
670594.15	4104091.24	10.92279c (05010524)	670616.88	4104099.12	11.49551c (05010524)
670639.61	4104106.99	12.54880c (05010524)	670662.33	4104114.86	16.63688c (05010524)
670685.06	4104122.74	18.49128c (05010524)	670707.79	4104130.61	19.25483c (05010524)
670730.52	4104138.49	18.39883c (05010524)	670753.24	4104146.36	17.78041c (05010524)
670775.97	4104154.24	17.65985 (05010224)	670798.70	4104162.11	17.18844c (06122024)
670821.42	4104169.98	16.93180 (05010224)	670844.15	4104177.86	17.13121 (05010224)
670866.88	4104185.73	17.16379 (05010224)	670889.61	4104193.61	16.91201 (05010224)
670912.33	4104201.48	16.31541 (05010224)	670935.06	4104209.36	15.40550 (05010224)
670957.79	4104217.23	14.51181c (04122424)	670980.52	4104225.10	13.74318c (04122424)
671003.24	4104232.98	12.80965c (04122424)	671025.97	4104240.85	11.77149c (04122424)
671048.70	4104248.73	10.69412c (04122424)	671071.42	4104256.60	9.65552c (06122024)
671094.15	4104264.48	9.27104c (08122824)	671116.88	4104272.35	9.04514c (08122824)
671139.61	4104280.22	8.86026c (08122824)	670504.90	4104138.76	10.25178c (08122824)
670488.39	4104123.28	10.36801c (08122824)	670471.88	4104107.81	10.39228c (08122824)
670455.37	4104092.33	10.32526c (08122824)	670438.86	4104076.85	10.17551c (08122824)
670405.84	4104045.90	9.69132c (08122824)	670389.33	4104030.42	9.39105c (08122824)
670372.82	4104014.95	9.07059c (08122824)	670356.31	4103999.47	8.73733c (08122824)
670339.79	4103983.99	8.39787c (08122824)	670323.77	4103945.89	8.23055c (06122124)
670324.25	4103923.26	8.51349c (06122124)	670324.73	4103900.64	8.79936c (06122124)
670325.22	4103878.01	9.08518c (06122124)	670325.70	4103855.39	9.36353c (06122124)
670326.19	4103832.76	9.62972c (06122124)	670326.67	4103810.14	9.87419c (06122124)
670327.15	4103787.51	10.09700c (06122124)	670327.64	4103764.89	10.29987c (06122124)
670328.12	4103742.26	10.48985c (06122124)	670328.60	4103719.64	10.67133c (06122124)
670521.42	4104154.23	10.04622c (08122824)	670544.14	4104162.11	10.33207c (05010524)
670566.87	4104169.98	11.04450c (05010524)	670589.60	4104177.86	11.53065c (05010524)
670612.32	4104185.73	14.78248c (05010524)	670635.05	4104193.61	16.29260c (05010524)
670657.78	4104201.48	17.31223c (05010524)	670680.51	4104209.35	17.73511c (05010524)
670703.23	4104217.23	16.12067c (05010524)	670725.96	4104225.10	15.33041c (06122024)
670748.69	4104232.98	15.42471 (05010224)	670771.42	4104240.85	15.72466 (05010224)
670794.14	4104248.73	15.92171 (05010224)	670816.87	4104256.60	15.67075 (05010224)
670839.60	4104264.47	15.41476 (05010224)	670862.33	4104272.35	15.01430 (05010224)
670885.05	4104280.22	14.39036 (05010224)	670907.78	4104288.10	13.53890 (05010224)
670930.51	4104295.97	12.97724c (04122424)	670953.23	4104303.85	12.38609c (04122424)
670975.96	4104311.72	11.65710c (04122424)	670998.69	4104319.59	10.83104c (04122424)
671021.42	4104327.47	9.95507c (04122424)	671044.14	4104335.34	9.06714c (04122424)
671066.87	4104343.22	8.20270c (04122424)	671089.60	4104351.09	7.79766c (08122824)
671112.33	4104358.96	7.65273c (08122824)	670477.62	4104217.50	9.28171c (08122824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670461.11	4104202.02	9.53298c (08122824)	670444.60	4104186.55	9.71066c (08122824)
670428.09	4104171.07	9.80988c (08122824)	670411.58	4104155.59	9.82928c (08122824)
670395.07	4104140.12	9.76813c (08122824)	670362.05	4104109.16	9.43571c (08122824)
670345.54	4104093.69	9.19099c (08122824)	670329.02	4104078.21	8.91519c (08122824)
670312.51	4104062.73	8.61735c (08122824)	670296.00	4104047.26	8.30744c (08122824)
670279.49	4104031.78	7.99090c (08122824)	670262.98	4104016.30	7.67194c (08122824)
670246.95	4103978.20	7.76762c (06122124)	670247.44	4103955.58	8.01016c (06122124)
670247.92	4103932.95	8.25686c (06122124)	670248.40	4103910.33	8.50527c (06122124)
670248.89	4103887.70	8.75194c (06122124)	670249.37	4103865.07	8.99139c (06122124)
670249.85	4103842.45	9.21911c (06122124)	670250.34	4103819.82	9.42832c (06122124)
670250.82	4103797.20	9.61739c (06122124)	670251.31	4103774.57	9.78894c (06122124)
670251.79	4103751.95	9.94929c (06122124)	670252.27	4103729.32	10.10430c (06122124)
670252.76	4103706.70	10.25533c (06122124)	670253.24	4103684.07	10.39788c (06122124)
670494.13	4104232.98	9.78503c (05010524)	670516.86	4104240.85	10.48841c (05010524)
670539.59	4104248.72	10.72889c (05010524)	670562.32	4104256.60	12.97805c (05010524)
670585.04	4104264.47	15.84493c (05010524)	670607.77	4104272.35	16.45190c (05010524)
670630.50	4104280.22	16.25586c (05010524)	670653.23	4104288.10	14.77693c (05010524)
670675.95	4104295.97	14.15169c (05010524)	670698.68	4104303.84	14.82877 (05010224)
670721.41	4104311.72	15.62983 (05010224)	670744.13	4104319.59	15.90349 (05010224)
670766.86	4104327.47	15.52472 (05010224)	670789.59	4104335.34	14.65816 (05010224)
670812.32	4104343.22	14.04694 (05010224)	670835.04	4104351.09	13.52237 (05010224)
670857.77	4104358.96	12.87412 (05010224)	670880.50	4104366.84	12.06734c (04122424)
670903.23	4104374.71	11.71794c (04122424)	670925.95	4104382.59	11.26328c (04122424)
670948.68	4104390.46	10.70137c (04122424)	670971.41	4104398.34	10.06257c (04122424)
670994.14	4104406.21	9.38438c (04122424)	671016.86	4104414.08	8.68871c (04122424)
671039.59	4104421.96	7.92078c (04122424)	671062.32	4104429.83	7.27757c (06122024)
671085.04	4104437.71	6.89019c (06122024)	670449.37	4104295.33	9.31426c (05010524)
670431.89	4104278.94	8.64318c (05010524)	670414.41	4104262.56	8.88201c (08122824)
670396.92	4104246.17	9.09900c (08122824)	670379.44	4104229.78	9.24343c (08122824)
670361.96	4104213.40	9.30973c (08122824)	670344.48	4104197.01	9.29676c (08122824)
670327.00	4104180.62	9.20543c (08122824)	670309.51	4104164.23	9.04368c (08122824)
670292.03	4104147.85	8.82631c (08122824)	670274.55	4104131.46	8.56776c (08122824)
670257.07	4104115.07	8.28116c (08122824)	670239.58	4104098.69	7.97819c (08122824)
670222.10	4104082.30	7.66665c (08122824)	670204.62	4104065.91	7.42370 (05121924)
670187.14	4104049.53	7.27187 (05121924)	670170.17	4104009.18	7.36371c (06122124)
670170.68	4103985.23	7.58425c (06122124)	670171.19	4103961.27	7.80953c (06122124)
670171.70	4103937.31	8.03703c (06122124)	670172.22	4103913.36	8.26363c (06122124)
670172.73	4103889.40	8.48737c (06122124)	670173.24	4103865.44	8.70252c (06122124)
670173.75	4103841.49	8.90295c (06122124)	670174.26	4103817.53	9.08392c (06122124)
670174.78	4103793.58	9.24401c (06122124)	670175.29	4103769.62	9.38910c (06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670175.80	4103745.66	9.52779c	(06122124)	670176.31	4103721.71	9.66486c	(06122124)
670176.82	4103697.75	9.80116c	(06122124)	670177.34	4103673.79	9.93143c	(06122124)
670177.85	4103649.84	10.05115c	(06122124)	670466.85	4104311.72	9.93927c	(05010524)
670489.58	4104319.59	10.02783c	(05010524)	670512.31	4104327.47	11.32624c	(05010524)
670535.04	4104335.34	14.57219c	(05010524)	670557.76	4104343.21	13.91960c	(05010524)
670580.49	4104351.09	13.52507c	(05010524)	670603.22	4104358.96	12.68770c	(05010524)
670625.94	4104366.84	12.15539c	(05010524)	670648.67	4104374.71	12.20344c	(06122024)
670671.40	4104382.59	12.63063	(05010224)	670694.13	4104390.46	13.18320	(05010224)
670716.85	4104398.33	13.49372	(05010224)	670739.58	4104406.21	13.64694	(05010224)
670762.31	4104414.08	13.59458	(05010224)	670785.04	4104421.96	13.24269	(05010224)
670807.76	4104429.83	12.66960	(05010224)	670830.49	4104437.71	11.92994	(05010224)
670853.22	4104445.58	11.38326c	(04122424)	670875.94	4104453.45	11.03772c	(04122424)
670898.67	4104461.33	10.60433c	(04122424)	670921.40	4104469.20	10.09451c	(04122424)
670944.13	4104477.08	9.50808c	(04122424)	670966.85	4104484.95	8.87145c	(04122424)
670989.58	4104492.82	8.21395c	(04122424)	671012.31	4104500.70	7.55517c	(04122424)
671035.04	4104508.57	6.91769c	(04122424)	671057.76	4104516.45	6.47095c	(06122024)
670367.86	4104531.87	9.21612c	(05010524)	670350.72	4104515.80	9.11669c	(05010524)
670333.57	4104499.73	8.64190c	(05010524)	670316.43	4104483.65	8.10808c	(05010524)
670299.28	4104467.58	7.54624c	(05010524)	670282.13	4104451.51	7.09523c	(08122824)
670264.99	4104435.44	7.33584c	(08122824)	670247.84	4104419.37	7.54658c	(08122824)
670230.70	4104403.29	7.72314c	(08122824)	670213.55	4104387.22	7.85876c	(08122824)
670196.40	4104371.15	7.94746c	(08122824)	670179.26	4104355.08	7.98367c	(08122824)
670162.11	4104339.01	7.96493c	(08122824)	670144.96	4104322.93	7.89149c	(08122824)
670127.82	4104306.86	7.76756c	(08122824)	670110.67	4104290.79	7.60109c	(08122824)
670093.53	4104274.72	7.40173c	(08122824)	670076.38	4104258.65	7.17909c	(08122824)
670059.23	4104242.58	6.94185c	(08122824)	670042.09	4104226.50	6.69661c	(08122824)
670024.94	4104210.43	6.58883	(05121924)	670007.80	4104194.36	6.50789	(05121924)
669990.65	4104178.29	6.37930	(05121924)	669973.50	4104162.22	6.21090	(05121924)
669956.36	4104146.14	6.11615c	(06122124)	669939.71	4104106.58	6.31522c	(06122124)
669940.22	4104083.08	6.45302c	(06122124)	669940.72	4104059.59	6.59466c	(06122124)
669941.22	4104036.09	6.73935c	(06122124)	669941.72	4104012.59	6.88492c	(06122124)
669942.23	4103989.10	7.03087c	(06122124)	669942.73	4103965.60	7.17697c	(06122124)
669943.23	4103942.11	7.32180c	(06122124)	669943.73	4103918.61	7.46428c	(06122124)
669944.24	4103895.12	7.60223c	(06122124)	669944.74	4103871.62	7.73031c	(06122124)
669945.24	4103848.13	7.84526c	(06122124)	669945.74	4103824.63	7.94537c	(06122124)
669946.24	4103801.13	8.03132c	(06122124)	669946.75	4103777.64	8.10910c	(06122124)
669947.25	4103754.14	8.18454c	(06122124)	669947.75	4103730.65	8.26343c	(06122124)
669948.25	4103707.15	8.34741c	(06122124)	669948.76	4103683.66	8.43546c	(06122124)
669949.26	4103660.16	8.52321c	(06122124)	669949.76	4103636.67	8.60709c	(06122124)
669950.26	4103613.17	8.68490c	(06122124)	669950.76	4103589.67	8.75325c	(06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
669951.27	4103566.18	8.80786c (06122124)	669951.77	4103542.68	8.84491c (06122124)
670385.01	4104547.94	10.42461c (05010524)	670407.74	4104555.82	12.23465c (05010524)
670430.46	4104563.69	11.09858c (05010524)	670453.19	4104571.56	10.62250c (05010524)
670475.92	4104579.44	9.84908c (05010524)	670498.65	4104587.31	9.06264c (05010524)
670521.37	4104595.19	9.03876c (06122024)	670544.10	4104603.06	9.12971c (06122024)
670566.83	4104610.94	9.44328 (05010224)	670589.56	4104618.81	9.98673 (05010224)
670612.28	4104626.68	10.35509 (05010224)	670635.01	4104634.56	10.47352 (05010224)
670657.74	4104642.43	10.40282 (05010224)	670680.46	4104650.31	10.21926 (05010224)
670703.19	4104658.18	9.92650 (05010224)	670725.92	4104666.05	9.54605 (05010224)
670748.65	4104673.93	9.04371 (05010224)	670771.37	4104681.80	8.71384c (04122424)
670794.10	4104689.68	8.59070c (04122424)	670816.83	4104697.55	8.40927c (04122424)
670839.56	4104705.43	8.15455c (04122424)	670862.28	4104713.30	7.83168c (04122424)
670885.01	4104721.17	7.45668c (04122424)	670907.74	4104729.05	7.03344c (04122424)
670930.47	4104736.92	6.58222c (04122424)	670953.19	4104744.80	6.13551c (04122424)
670975.92	4104752.67	5.68988c (04122424)	670285.68	4104767.78	9.21582c (05010524)
670268.20	4104751.39	10.33800c (05010524)	670250.72	4104735.00	8.86617c (05010524)
670233.24	4104718.62	8.27175c (05010524)	670215.76	4104702.23	7.96296c (05010524)
670198.27	4104685.84	7.51497c (05010524)	670180.79	4104669.46	7.02858c (05010524)
670163.31	4104653.07	6.53065c (05010524)	670145.83	4104636.68	6.03972c (05010524)
670128.34	4104620.29	6.02316c (08122824)	670110.86	4104603.91	6.21012c (08122824)
670093.38	4104587.52	6.38323c (08122824)	670075.90	4104571.13	6.54010c (08122824)
670058.41	4104554.75	6.67780c (08122824)	670040.93	4104538.36	6.78927c (08122824)
670023.45	4104521.97	6.86884c (08122824)	670005.97	4104505.59	6.91099c (08122824)
669988.49	4104489.20	6.91123c (08122824)	669971.00	4104472.81	6.86899c (08122824)
669953.52	4104456.42	6.78602c (08122824)	669936.04	4104440.04	6.66622c (08122824)
669918.56	4104423.65	6.51623c (08122824)	669901.07	4104407.26	6.34427c (08122824)
669883.59	4104390.88	6.15681c (08122824)	669866.11	4104374.49	5.96075c (08122824)
669848.63	4104358.10	5.76006c (08122824)	669831.15	4104341.72	5.69070 (05121924)
669813.66	4104325.33	5.62838 (05121924)	669796.18	4104308.94	5.52598 (05121924)
669778.70	4104292.55	5.41683 (04111024)	669761.22	4104276.17	5.38809 (04111024)
669743.73	4104259.78	5.35117 (04111024)	669726.25	4104243.39	5.37719c (06122124)
669709.28	4104203.05	5.49267c (06122124)	669709.79	4104179.09	5.58282c (06122124)
669710.31	4104155.14	5.67657c (06122124)	669710.82	4104131.18	5.77397c (06122124)
669711.33	4104107.23	5.87341c (06122124)	669711.84	4104083.27	5.97346c (06122124)
669712.35	4104059.31	6.07383c (06122124)	669712.87	4104035.36	6.17373c (06122124)
669713.38	4104011.40	6.27367c (06122124)	669713.89	4103987.44	6.37344c (06122124)
669714.40	4103963.49	6.47285c (06122124)	669714.92	4103939.53	6.57137c (06122124)
669715.43	4103915.58	6.66533c (06122124)	669715.94	4103891.62	6.75161c (06122124)
669716.45	4103867.66	6.82657c (06122124)	669716.96	4103843.71	6.88836c (06122124)
669717.48	4103819.75	6.93798c (06122124)	669717.99	4103795.79	6.97799c (06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669718.50	4103771.84	7.01339c	(06122124)	669719.01	4103747.88	7.04984c	(06122124)
669719.52	4103723.93	7.09019c	(06122124)	669720.04	4103699.97	7.13555c	(06122124)
669720.55	4103676.01	7.18379c	(06122124)	669721.06	4103652.06	7.23261c	(06122124)
669721.57	4103628.10	7.27977c	(06122124)	669722.09	4103604.14	7.32249c	(06122124)
669722.60	4103580.19	7.35902c	(06122124)	669723.11	4103556.23	7.49695c	(08011024)
669723.62	4103532.28	7.75026c	(08011024)	669724.13	4103508.32	7.99937c	(08011024)
669724.65	4103484.36	8.23828c	(08011024)	669725.16	4103460.41	8.46043c	(08011024)
669725.67	4103436.45	8.65936c	(08011024)	670303.17	4104784.16	8.94620c	(05010524)
670325.89	4104792.04	8.53695c	(05010524)	670348.62	4104799.91	8.27821c	(05010524)
670371.35	4104807.79	7.91612c	(05010524)	670394.08	4104815.66	7.53474c	(06122024)
670416.80	4104823.54	7.62600	(05010224)	670439.53	4104831.41	8.13721	(05010224)
670462.26	4104839.28	8.58273	(05010224)	670484.98	4104847.16	8.89810	(05010224)
670507.71	4104855.03	9.10705	(05010224)	670530.44	4104862.91	9.06537	(05010224)
670553.17	4104870.78	8.73336	(05010224)	670575.89	4104878.66	8.52550	(05010224)
670598.62	4104886.53	8.42898	(05010224)	670621.35	4104894.40	8.47775	(05010224)
670644.08	4104902.28	8.27028	(05010224)	670666.80	4104910.15	7.91718	(05010224)
670689.53	4104918.03	7.77879c	(04122424)	670712.26	4104925.90	7.82558c	(04122424)
670734.99	4104933.78	7.79044c	(04122424)	670757.71	4104941.65	7.64016c	(04122424)
670780.44	4104949.52	7.43753c	(04122424)	670803.17	4104957.40	7.24590c	(04122424)
670825.89	4104965.27	7.01738c	(04122424)	670848.62	4104973.15	6.62330c	(04122424)
670871.35	4104981.02	6.08178c	(04122424)	670894.08	4104988.89	5.56196c	(04122424)
670122.00	4105240.23	5.39307c	(05010524)	670104.52	4105223.84	5.66791c	(05010524)
670087.03	4105207.45	5.92477c	(05010524)	670069.55	4105191.06	6.14593c	(05010524)
670052.07	4105174.68	6.31799c	(05010524)	670034.59	4105158.29	6.41793c	(05010524)
670017.10	4105141.90	6.45035c	(05010524)	669999.62	4105125.52	6.43203c	(05010524)
669982.14	4105109.13	6.37025c	(05010524)	669964.66	4105092.74	6.27276c	(05010524)
669947.17	4105076.36	6.13939c	(05010524)	669929.69	4105059.97	6.01872c	(05010524)
669912.21	4105043.58	5.90763c	(05010524)	669894.73	4105027.19	5.67546c	(05010524)
669877.25	4105010.81	5.30266c	(06020624)	669859.76	4104994.42	4.83096c	(06020624)
669842.28	4104978.03	4.91784c	(06020624)	669824.80	4104961.65	5.00118c	(06020624)
669807.32	4104945.26	4.96275c	(06020624)	669789.83	4104928.87	4.87034c	(06020624)
669772.35	4104912.49	4.83442c	(08122824)	669754.87	4104896.10	4.92677c	(08122824)
669737.39	4104879.71	5.01533c	(08122824)	669719.91	4104863.32	5.09920c	(08122824)
669702.42	4104846.94	5.17475c	(08122824)	669684.94	4104830.55	5.23939c	(08122824)
669667.46	4104814.16	5.28871c	(08122824)	669649.98	4104797.78	5.31879c	(08122824)
669632.49	4104781.39	5.32665c	(08122824)	669615.01	4104765.00	5.31138c	(08122824)
669597.53	4104748.61	5.27267c	(08122824)	669580.05	4104732.23	5.21201c	(08122824)
669562.57	4104715.84	5.13297c	(08122824)	669545.08	4104699.45	5.03789c	(08122824)
669527.60	4104683.07	4.93146c	(08122824)	669510.12	4104666.68	4.81671c	(08122824)
669492.64	4104650.29	4.78059	(04111024)	669475.15	4104633.91	4.79772	(04111024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
669457.67	4104617.52	4.80327	(04111024)	669440.19	4104601.13	4.79585	(04111024)
669422.71	4104584.74	4.77785	(04111024)	669405.22	4104568.36	4.74876	(04111024)
669387.74	4104551.97	4.70873	(04111024)	669370.26	4104535.58	4.65969	(04111024)
669352.78	4104519.20	4.60139	(04111024)	669335.30	4104502.81	4.53344	(04111024)
669317.81	4104486.42	4.45736	(04111024)	669300.33	4104470.04	4.37301	(04111024)
669282.85	4104453.65	4.27877	(04111024)	669265.37	4104437.26	4.23913c	(06122124)
669248.40	4104396.92	4.26954c	(06122124)	669248.91	4104372.96	4.30834c	(06122124)
669249.42	4104349.01	4.35037c	(06122124)	669249.93	4104325.05	4.39514c	(06122124)
669250.45	4104301.09	4.44231c	(06122124)	669250.96	4104277.14	4.49156c	(06122124)
669251.47	4104253.18	4.54191c	(06122124)	669251.98	4104229.22	4.59251c	(06122124)
669252.49	4104205.27	4.64310c	(06122124)	669253.01	4104181.31	4.69248c	(06122124)
669253.52	4104157.36	4.74065c	(06122124)	669254.03	4104133.40	4.78737c	(06122124)
669254.54	4104109.44	4.83241c	(06122124)	669255.05	4104085.49	4.87681c	(06122124)
669255.57	4104061.53	4.91937c	(06122124)	669256.08	4104037.57	4.96134c	(06122124)
669256.59	4104013.62	5.00160c	(06122124)	669257.10	4103989.66	5.03913c	(06122124)
669257.62	4103965.71	5.07193c	(06122124)	669258.13	4103941.75	5.09808c	(06122124)
669258.64	4103917.79	5.11493c	(06122124)	669259.15	4103893.84	5.12087c	(06122124)
669259.66	4103869.88	5.11506c	(06122124)	669260.18	4103845.93	5.09858c	(06122124)
669260.69	4103821.97	5.08365c	(08011024)	669261.20	4103798.01	5.15158c	(08011024)
669261.71	4103774.06	5.22857c	(08011024)	669262.22	4103750.10	5.31685c	(08011024)
669262.74	4103726.14	5.41777c	(08011024)	669263.25	4103702.19	5.53203c	(08011024)
669263.76	4103678.23	5.66010c	(08011024)	669264.27	4103654.28	5.80128c	(08011024)
669264.79	4103630.32	5.95446c	(08011024)	669265.30	4103606.36	6.11770c	(08011024)
669265.81	4103582.41	6.28894c	(08011024)	669266.32	4103558.45	6.46642c	(08011024)
669266.83	4103534.49	6.64738c	(08011024)	669267.35	4103510.54	6.83101c	(08011024)
669267.86	4103486.58	7.01598c	(08011024)	669268.37	4103462.63	7.20018c	(08011024)
669268.88	4103438.67	7.38267c	(08011024)	669269.39	4103414.71	7.56160c	(08011024)
669269.91	4103390.76	7.73393c	(08011024)	669270.42	4103366.80	7.89719c	(08011024)
669270.93	4103342.84	8.04724c	(08011024)	669271.44	4103318.89	8.18165c	(08011024)
669271.96	4103294.93	8.29710c	(08011024)	669272.47	4103270.98	8.39247c	(08011024)
669272.98	4103247.02	8.46832c	(08011024)	669273.49	4103223.06	8.52396c	(08011024)
670139.48	4105256.61	5.18355c	(06122024)	670162.21	4105264.49	5.26039c	(06122024)
670184.93	4105272.36	5.42105	(05010224)	670207.66	4105280.24	5.93635	(05010224)
670230.39	4105288.11	6.41249	(05010224)	670253.12	4105295.98	6.78814	(05010224)
670275.84	4105303.86	7.06417	(05010224)	670298.57	4105311.73	7.27800	(05010224)
670321.30	4105319.61	7.38115	(05010224)	670344.03	4105327.48	7.38663	(05010224)
670366.75	4105335.35	7.31596	(05010224)	670389.48	4105343.23	7.11789	(05010224)
670412.21	4105351.10	6.84689	(05010224)	670434.93	4105358.98	6.57700	(05010224)
670457.66	4105366.85	6.30347	(05010224)	670480.39	4105374.73	6.00789	(05010224)
670503.12	4105382.60	5.63852	(05010224)	670525.84	4105390.47	5.36824c	(04122424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670548.57	4105398.35	5.44811c	(04122424)	670571.30	4105406.22	5.49125c	(04122424)
670594.03	4105414.10	5.46161c	(04122424)	670616.75	4105421.97	5.39302c	(04122424)
670639.48	4105429.85	5.28570c	(04122424)	670662.21	4105437.72	5.12249c	(04122424)
670684.93	4105445.59	4.90209c	(04122424)	670707.66	4105453.47	4.64863c	(04122424)
670730.39	4105461.34	4.36094c	(04122424)	669958.31	4105712.67	4.25219	(05010224)
669940.83	4105696.29	4.07241c	(06122024)	669923.35	4105679.90	4.07531c	(06122024)
669905.86	4105663.51	4.18402c	(05010524)	669888.38	4105647.12	4.44301c	(05010524)
669870.90	4105630.74	4.66548c	(05010524)	669853.42	4105614.35	4.86688c	(05010524)
669835.93	4105597.96	5.03920c	(05010524)	669818.45	4105581.58	5.17517c	(05010524)
669800.97	4105565.19	5.27476c	(05010524)	669783.49	4105548.80	5.33408c	(05010524)
669766.01	4105532.42	5.35424c	(05010524)	669748.52	4105516.03	5.33961c	(05010524)
669731.04	4105499.64	5.30694c	(05010524)	669713.56	4105483.25	5.24510c	(05010524)
669696.08	4105466.87	5.14780c	(05010524)	669678.59	4105450.48	5.04233c	(05010524)
669661.11	4105434.09	5.20517c	(05010524)	669643.63	4105417.71	4.75491c	(05010524)
669626.15	4105401.32	4.14016c	(05010524)	669608.67	4105384.93	3.54200c	(06020624)
669591.18	4105368.55	3.52560c	(06020624)	669573.70	4105352.16	3.58763c	(06020624)
669556.22	4105335.77	3.78167c	(06020624)	669538.74	4105319.38	4.05710c	(06020624)
669521.25	4105303.00	4.23695c	(06020624)	669503.77	4105286.61	4.23444c	(06020624)
669486.29	4105270.22	4.15129c	(06020624)	669468.81	4105253.84	4.03012c	(06020624)
669451.33	4105237.45	3.87900c	(06020624)	669433.84	4105221.06	3.84590c	(08122824)
669416.36	4105204.68	3.89534c	(08122824)	669398.88	4105188.29	3.94546c	(08122824)
669381.40	4105171.90	3.99640c	(08122824)	669363.91	4105155.51	4.06041c	(08122824)
669346.43	4105139.13	4.10898c	(08122824)	669328.95	4105122.74	4.15340c	(08122824)
669311.47	4105106.35	4.19101c	(08122824)	669293.98	4105089.97	4.21973c	(08122824)
669276.50	4105073.58	4.23804c	(08122824)	669259.02	4105057.19	4.24338c	(08122824)
669241.54	4105040.81	4.23634c	(08122824)	669224.06	4105024.42	4.21604c	(08122824)
669206.57	4105008.03	4.18327c	(08122824)	669189.09	4104991.64	4.13938c	(08122824)
669171.61	4104975.26	4.20475	(04111024)	669154.13	4104958.87	4.25966	(04111024)
669136.64	4104942.48	4.30118	(04111024)	669119.16	4104926.10	4.32990	(04111024)
669101.68	4104909.71	4.34486	(04111024)	669084.20	4104893.32	4.34680	(04111024)
669066.72	4104876.94	4.33629	(04111024)	669049.23	4104860.55	4.31296	(04111024)
669031.75	4104844.16	4.27668	(04111024)	669014.27	4104827.77	4.22865	(04111024)
668996.79	4104811.39	4.16960	(04111024)	668979.30	4104795.00	4.09997	(04111024)
668961.82	4104778.61	4.01976	(04111024)	668944.34	4104762.23	3.93120	(04111024)
668926.86	4104745.84	3.83473	(04111024)	668909.38	4104729.45	3.73173	(04111024)
668891.89	4104713.07	3.62295	(04111024)	668874.41	4104696.68	3.50965	(04111024)
668856.93	4104680.29	3.47613c	(06122124)	668839.45	4104663.90	3.46106c	(06122124)
668821.96	4104647.52	3.44594c	(06122124)	668804.48	4104631.13	3.43131c	(06122124)
668787.51	4104590.79	3.43151c	(06122124)	668788.02	4104566.83	3.44767c	(06122124)
668788.54	4104542.87	3.46578c	(06122124)	668789.05	4104518.92	3.48545c	(06122124)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
668789.56	4104494.96	3.50692c	(06122124)	668790.07	4104471.01	3.52940c	(06122124)
668790.58	4104447.05	3.55224c	(06122124)	668791.10	4104423.09	3.57541c	(06122124)
668791.61	4104399.14	3.59770c	(06122124)	668792.12	4104375.18	3.61940c	(06122124)
668792.63	4104351.22	3.63927c	(06122124)	668793.15	4104327.27	3.65729c	(06122124)
668793.66	4104303.31	3.67326c	(06122124)	668794.17	4104279.36	3.68583c	(06122124)
668794.68	4104255.40	3.69671c	(06122124)	668795.19	4104231.44	3.70441c	(06122124)
668795.71	4104207.49	3.70950c	(06122124)	668796.22	4104183.53	3.78754c	(08011024)
668796.73	4104159.57	3.92403c	(08011024)	668797.24	4104135.62	4.03809c	(08011024)
668797.75	4104111.66	4.13375c	(08011024)	668798.27	4104087.71	4.21316c	(08011024)
668798.78	4104063.75	4.27989c	(08011024)	668799.29	4104039.79	4.33641c	(08011024)
668799.80	4104015.84	4.38483c	(08011024)	668800.32	4103991.88	4.42738c	(08011024)
668800.83	4103967.92	4.46621c	(08011024)	668801.34	4103943.97	4.50187c	(08011024)
668801.85	4103920.01	4.53688c	(08011024)	668802.36	4103896.06	4.57202c	(08011024)
668802.88	4103872.10	4.60850c	(08011024)	668803.39	4103848.14	4.64802c	(08011024)
668803.90	4103824.19	4.69154c	(08011024)	668804.41	4103800.23	4.74046c	(08011024)
668804.92	4103776.27	4.79617c	(08011024)	668805.44	4103752.32	4.85984c	(08011024)
668805.95	4103728.36	4.93217c	(08011024)	668806.46	4103704.41	5.01357c	(08011024)
668806.97	4103680.45	5.10435c	(08011024)	668807.48	4103656.49	5.20488c	(08011024)
668808.00	4103632.54	5.31368c	(08011024)	668808.51	4103608.58	5.43107c	(08011024)
668809.02	4103584.62	5.55456c	(08011024)	668809.53	4103560.67	5.68373c	(08011024)
668810.05	4103536.71	5.81624c	(08011024)	668810.56	4103512.76	5.95097c	(08011024)
668811.07	4103488.80	6.08655c	(08011024)	668811.58	4103464.84	6.22161c	(08011024)
668812.09	4103440.89	6.35505c	(08011024)	668812.61	4103416.93	6.48658c	(08011024)
668813.12	4103392.97	6.61510c	(08011024)	668813.63	4103369.02	6.73982c	(08011024)
668814.14	4103345.06	6.85982c	(08011024)	668814.65	4103321.11	6.97338c	(08011024)
668815.17	4103297.15	7.07913c	(08011024)	668815.68	4103273.19	7.17333c	(08011024)
668816.19	4103249.24	7.25420c	(08011024)	668816.70	4103225.28	7.31840c	(08011024)
668817.22	4103201.33	7.36405c	(08011024)	668817.73	4103177.37	7.38796c	(08011024)
668818.24	4103153.41	7.38899c	(08011024)	668818.75	4103129.46	7.36563c	(08011024)
668819.26	4103105.50	7.31840c	(08011024)	668819.78	4103081.54	7.24703c	(08011024)
668820.29	4103057.59	7.15274c	(08011024)	668820.80	4103033.63	7.03662c	(08011024)
668821.31	4103009.68	6.90108c	(08011024)	669975.79	4105729.06	4.50976	(05010224)
669998.52	4105736.93	4.77383	(05010224)	670021.25	4105744.81	5.11473	(05010224)
670043.97	4105752.68	5.37366	(05010224)	670066.70	4105760.56	5.55024c	(04011124)
670089.43	4105768.43	5.47114c	(04011124)	670112.16	4105776.31	4.83652c	(04011124)
670134.88	4105784.18	4.62465c	(04011124)	670157.61	4105792.05	4.98498c	(04011124)
670180.34	4105799.93	5.45820c	(04011124)	670203.07	4105807.80	6.01867	(05010224)
670225.79	4105815.68	6.25331	(05010224)	670248.52	4105823.55	6.15548	(05010224)
670271.25	4105831.42	5.81351	(05010224)	670293.98	4105839.30	5.23802	(05010224)
670316.70	4105847.17	4.98935	(05010224)	670339.43	4105855.05	4.70696	(05010224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
670362.16	4105862.92	4.40144 (05010224)	670384.88	4105870.80	4.30968c (04122424)
670407.61	4105878.67	4.25853c (04122424)	670430.34	4105886.54	4.18354c (04122424)
670453.07	4105894.42	4.10961c (04122424)	670475.79	4105902.29	4.04434c (04122424)
670498.52	4105910.17	3.98641c (04122424)	670521.25	4105918.04	3.91805c (04122424)
670543.98	4105925.92	3.84509c (04122424)	670566.70	4105933.79	3.75474c (04122424)
671243.44	4104055.89	14.13481c (08122824)	671255.31	4104033.93	14.65031c (08122824)
671267.18	4104011.97	15.11693c (08122824)	671279.05	4103990.02	15.52530c (08122824)
671290.91	4103968.06	15.87657c (08122824)	671302.78	4103946.10	16.16504c (08122824)
671314.65	4103924.14	16.39202c (08122824)	671326.51	4103902.19	16.56377c (08122824)
671338.38	4103880.23	16.67124c (08122824)	671350.25	4103858.27	16.73732c (08122824)
671362.12	4103836.31	17.05101c (06122024)	671373.98	4103814.36	17.58679c (06122024)
671385.85	4103792.40	19.56866c (07011424)	671397.72	4103770.44	22.36106c (07011424)
671409.59	4103748.49	24.28659c (07011424)	671421.45	4103726.53	25.49078c (07011424)
671433.32	4103704.57	26.18236c (07011424)	671445.19	4103682.61	26.54927c (07011424)
671457.05	4103660.66	26.72605c (07011424)	671468.92	4103638.70	26.79911c (07011424)
671480.79	4103616.74	26.81900c (07011424)	671492.66	4103594.79	26.81317c (07011424)
671504.52	4103572.83	26.79614c (07011424)	671516.39	4103550.87	26.77344c (07011424)
671528.26	4103528.91	26.74851c (07011424)	671540.13	4103506.96	26.72258c (07011424)
671551.99	4103485.00	26.69718c (07011424)	671563.86	4103463.04	26.67138c (07011424)
671575.73	4103441.09	26.64551c (07011424)	671587.60	4103419.13	26.62004c (07011424)
671599.46	4103397.17	26.59523c (07011424)	671611.33	4103375.21	26.56991c (07011424)
671623.20	4103353.26	26.54407c (07011424)	671635.06	4103331.30	26.51876c (07011424)
671646.93	4103309.34	26.49370c (07011424)	671658.80	4103287.39	26.47001c (07011424)
671670.67	4103265.43	26.44800c (07011424)	671682.53	4103243.47	26.42832c (07011424)
671694.40	4103221.51	26.40858c (07011424)	671706.27	4103199.56	26.38965c (07011424)
671718.14	4103177.60	26.36953c (07011424)	671730.00	4103155.64	26.34749c (07011424)
671741.87	4103133.68	26.32329c (07011424)	671753.74	4103111.73	26.29825c (07011424)
671765.60	4103089.77	26.27382c (07011424)	671777.47	4103067.81	26.24894c (07011424)
671789.34	4103045.86	26.22423c (07011424)	671801.21	4103023.90	26.20026c (07011424)
671813.07	4103001.94	26.17677c (07011424)	671824.94	4102979.98	26.15321c (07011424)
671836.81	4102958.03	26.12954c (07011424)	671848.68	4102936.07	26.10618c (07011424)
671860.54	4102914.11	26.08210c (07011424)	671872.41	4102892.16	26.05684c (07011424)
671884.28	4102870.20	26.03288c (07011424)	671896.14	4102848.24	26.01324c (07011424)
671908.01	4102826.28	25.99695c (07011424)	671919.88	4102804.33	25.97904c (07011424)
671931.75	4102782.37	25.96060c (07011424)	671943.61	4102760.41	25.94157c (07011424)
671955.48	4102738.46	25.92149c (07011424)	671967.35	4102716.50	25.90232c (07011424)
671979.22	4102694.54	25.88452c (07011424)	671991.08	4102672.58	25.86796c (07011424)
672002.95	4102650.63	25.85120c (07011424)	672014.82	4102628.67	25.83456c (07011424)
672026.69	4102606.71	25.81755c (07011424)	672038.55	4102584.76	25.80322c (07011424)
672050.42	4102562.80	25.78811c (07011424)	672062.29	4102540.84	25.77047c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672074.15	4102518.88	25.75104c (07011424)	672086.02	4102496.93	25.72832c (07011424)
672097.89	4102474.97	25.70140c (07011424)	672109.76	4102453.01	25.66556c (07011424)
672121.62	4102431.05	25.61283c (07011424)	672133.49	4102409.10	25.52988c (07011424)
672145.36	4102387.14	25.40376c (07011424)	672157.23	4102365.18	25.21324c (07011424)
672169.09	4102343.23	24.93331c (07011424)	672180.96	4102321.27	24.52338c (07011424)
672192.83	4102299.31	23.90699c (07011424)	672204.69	4102277.35	22.95466c (07011424)
672216.56	4102255.40	21.54174c (08120624)	672228.43	4102233.44	20.40828c (08120624)
672240.30	4102211.48	19.12450c (08120624)	672252.16	4102189.53	17.77639c (08120624)
672264.03	4102167.57	16.87958c (07112424)	672275.90	4102145.61	16.25963c (07112424)
672287.77	4102123.65	15.62112c (07112424)	672299.63	4102101.70	14.98457c (07112424)
671252.50	4104079.19	13.26837c (08122824)	671277.30	4104045.82	13.83637c (08122824)
671289.17	4104023.86	14.21779c (08122824)	671301.04	4104001.90	14.55085c (08122824)
671312.91	4103979.94	14.83570c (08122824)	671324.77	4103957.99	15.07478c (08122824)
671336.64	4103936.03	15.26945c (08122824)	671348.51	4103914.07	15.41602c (08122824)
671360.37	4103892.12	15.51354c (08122824)	671372.24	4103870.16	15.56868c (08122824)
671384.11	4103848.20	15.57509c (06122024)	671395.98	4103826.24	16.12903c (06122024)
671407.84	4103804.29	17.38436c (07011424)	671419.71	4103782.33	20.25040c (07011424)
671431.58	4103760.37	22.37376c (07011424)	671443.45	4103738.42	23.79812c (07011424)
671455.31	4103716.46	24.67596c (07011424)	671467.18	4103694.50	25.17478c (07011424)
671479.05	4103672.54	25.43778c (07011424)	671490.92	4103650.59	25.56364c (07011424)
671502.78	4103628.63	25.61574c (07011424)	671514.65	4103606.67	25.62915c (07011424)
671526.52	4103584.72	25.62330c (07011424)	671538.38	4103562.76	25.60906c (07011424)
671550.25	4103540.80	25.59037c (07011424)	671562.12	4103518.84	25.56982c (07011424)
671573.99	4103496.89	25.54859c (07011424)	671585.85	4103474.93	25.52803c (07011424)
671597.72	4103452.97	25.50705c (07011424)	671609.59	4103431.02	25.48609c (07011424)
671621.46	4103409.06	25.46551c (07011424)	671633.32	4103387.10	25.44556c (07011424)
671645.19	4103365.14	25.42539c (07011424)	671657.06	4103343.19	25.40373c (07011424)
671668.92	4103321.23	25.38235c (07011424)	671680.79	4103299.27	25.36118c (07011424)
671692.66	4103277.31	25.34133c (07011424)	671704.53	4103255.36	25.32460c (07011424)
671716.39	4103233.40	25.31201c (07011424)	671728.26	4103211.44	25.30151c (07011424)
671740.13	4103189.49	25.28574c (07011424)	671752.00	4103167.53	25.26568c (07011424)
671763.86	4103145.57	25.24544c (07011424)	671775.73	4103123.61	25.22457c (07011424)
671787.60	4103101.66	25.20374c (07011424)	671799.47	4103079.70	25.18323c (07011424)
671811.33	4103057.74	25.16325c (07011424)	671823.20	4103035.79	25.14301c (07011424)
671835.07	4103013.83	25.12279c (07011424)	671846.93	4102991.87	25.10315c (07011424)
671858.80	4102969.91	25.08329c (07011424)	671870.67	4102947.96	25.06340c (07011424)
671882.54	4102926.00	25.04358c (07011424)	671894.40	4102904.04	25.02324c (07011424)
671906.27	4102882.09	25.00489c (07011424)	671918.14	4102860.13	24.98944c (07011424)
671930.01	4102838.17	24.97389c (07011424)	671941.87	4102816.21	24.95903c (07011424)
671953.74	4102794.26	24.94425c (07011424)	671965.61	4102772.30	24.92972c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671977.47	4102750.34	24.91524c (07011424)	671989.34	4102728.38	24.90071c (07011424)
672001.21	4102706.43	24.88694c (07011424)	672013.08	4102684.47	24.87412c (07011424)
672024.94	4102662.51	24.86318c (07011424)	672036.81	4102640.56	24.85435c (07011424)
672048.68	4102618.60	24.84558c (07011424)	672060.55	4102596.64	24.83433c (07011424)
672072.41	4102574.68	24.82244c (07011424)	672084.28	4102552.73	24.80851c (07011424)
672096.15	4102530.77	24.78896c (07011424)	672108.02	4102508.81	24.76654c (07011424)
672119.88	4102486.86	24.74162c (07011424)	672131.75	4102464.90	24.70825c (07011424)
672143.62	4102442.94	24.65417c (07011424)	672155.48	4102420.98	24.57094c (07011424)
672167.35	4102399.03	24.44385c (07011424)	672179.22	4102377.07	24.25738c (07011424)
672191.09	4102355.11	23.99084c (07011424)	672202.95	4102333.16	23.61146c (07011424)
672214.82	4102311.20	23.05540c (07011424)	672226.69	4102289.24	22.21605c (07011424)
672238.56	4102267.28	20.96240c (07011424)	672250.42	4102245.33	19.71415c (08120624)
672262.29	4102223.37	18.58460c (08120624)	672274.16	4102201.41	17.38357c (08120624)
672286.02	4102179.46	16.46960c (07112424)	672297.89	4102157.50	15.89849c (07112424)
672309.76	4102135.54	15.32613c (07112424)	672321.63	4102113.58	14.75903c (07112424)
671274.50	4104091.07	12.64097c (08122824)	671231.39	4104114.22	12.47880c (08122824)
671299.30	4104057.70	13.10329c (08122824)	671311.16	4104035.75	13.41859c (08122824)
671323.03	4104013.79	13.69422c (08122824)	671334.90	4103991.83	13.93136c (08122824)
671346.77	4103969.87	14.13383c (08122824)	671358.63	4103947.92	14.30179c (08122824)
671370.50	4103925.96	14.42837c (08122824)	671382.37	4103904.00	14.51367c (08122824)
671394.24	4103882.05	14.55469c (08122824)	671406.10	4103860.09	14.55737c (08122824)
671417.97	4103838.13	14.87453c (06122024)	671429.84	4103816.17	15.45652c (07011424)
671441.70	4103794.22	18.31106c (07011424)	671453.57	4103772.26	20.56603c (07011424)
671465.44	4103750.30	22.17748c (07011424)	671477.31	4103728.35	23.23375c (07011424)
671489.17	4103706.39	23.87670c (07011424)	671501.04	4103684.43	24.24081c (07011424)
671512.91	4103662.47	24.43278c (07011424)	671524.78	4103640.52	24.52443c (07011424)
671536.64	4103618.56	24.56228c (07011424)	671548.51	4103596.60	24.57113c (07011424)
671560.38	4103574.65	24.56550c (07011424)	671572.25	4103552.69	24.55312c (07011424)
671584.11	4103530.73	24.53781c (07011424)	671595.98	4103508.77	24.52108c (07011424)
671607.85	4103486.82	24.50384c (07011424)	671619.71	4103464.86	24.48726c (07011424)
671631.58	4103442.90	24.47048c (07011424)	671643.45	4103420.94	24.45397c (07011424)
671655.32	4103398.99	24.43751c (07011424)	671667.18	4103377.03	24.42209c (07011424)
671679.05	4103355.07	24.40594c (07011424)	671690.92	4103333.12	24.38779c (07011424)
671702.79	4103311.16	24.36924c (07011424)	671714.65	4103289.20	24.35157c (07011424)
671726.52	4103267.24	24.33482c (07011424)	671738.39	4103245.29	24.32128c (07011424)
671750.25	4103223.33	24.31038c (07011424)	671762.12	4103201.37	24.29737c (07011424)
671773.99	4103179.42	24.28000c (07011424)	671785.86	4103157.46	24.26178c (07011424)
671797.72	4103135.50	24.25059c (07011424)	671809.59	4103113.54	24.23753c (07011424)
671821.46	4103091.59	24.22183c (07011424)	671833.33	4103069.63	24.20555c (07011424)
671845.19	4103047.67	24.18955c (07011424)	671857.06	4103025.72	24.17309c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671868.93	4103003.76	24.15689c (07011424)	671880.79	4102981.80	24.14115c (07011424)
671892.66	4102959.84	24.12492c (07011424)	671904.53	4102937.89	24.10858c (07011424)
671916.40	4102915.93	24.09226c (07011424)	671928.26	4102893.97	24.07811c (07011424)
671940.13	4102872.01	24.06507c (07011424)	671952.00	4102850.06	24.05120c (07011424)
671963.87	4102828.10	24.03926c (07011424)	671975.73	4102806.14	24.02821c (07011424)
671987.60	4102784.19	24.01691c (07011424)	671999.47	4102762.23	24.00585c (07011424)
672011.34	4102740.27	23.99517c (07011424)	672023.20	4102718.31	23.98550c (07011424)
672035.07	4102696.36	23.97586c (07011424)	672046.94	4102674.40	23.96992c (07011424)
672058.80	4102652.44	23.97952c (07011424)	672070.67	4102630.49	23.98090c (07011424)
672082.54	4102608.53	23.96719c (07011424)	672094.41	4102586.57	23.95289c (07011424)
672106.27	4102564.61	23.93833c (07011424)	672118.14	4102542.66	23.92114c (07011424)
672130.01	4102520.70	23.89826c (07011424)	672141.88	4102498.74	23.87127c (07011424)
672153.74	4102476.79	23.83715c (07011424)	672165.61	4102454.83	23.78088c (07011424)
672177.48	4102432.87	23.69443c (07011424)	672189.34	4102410.91	23.56793c (07011424)
672201.21	4102388.96	23.39018c (07011424)	672213.08	4102367.00	23.13839c (07011424)
672224.95	4102345.04	22.78587c (07011424)	672236.81	4102323.09	22.28159c (07011424)
672248.68	4102301.13	21.53741c (07011424)	672260.55	4102279.17	20.44260c (07011424)
672272.42	4102257.21	19.04588c (08120624)	672284.28	4102235.26	18.04962c (08120624)
672296.15	4102213.30	16.96910c (08120624)	672308.02	4102191.34	16.03276c (07112424)
672319.89	4102169.38	15.51051c (07112424)	672331.75	4102147.43	15.00966c (07112424)
672343.62	4102125.47	14.50886c (07112424)	671292.18	4104106.77	12.03071c (08122824)
671274.94	4104121.98	11.86737c (08122824)	671234.70	4104137.63	11.81398c (08122824)
671211.71	4104138.06	11.94337c (08122824)	671309.42	4104091.55	12.14422c (08122824)
671321.29	4104069.59	12.44222c (08122824)	671333.16	4104047.63	12.70693c (08122824)
671345.02	4104025.68	12.93768c (08122824)	671356.89	4104003.72	13.14000c (08122824)
671368.76	4103981.76	13.31469c (08122824)	671380.63	4103959.80	13.46108c (08122824)
671392.49	4103937.85	13.57065c (08122824)	671404.36	4103915.89	13.64683c (08122824)
671416.23	4103893.93	13.68599c (08122824)	671428.10	4103871.98	13.69018c (08122824)
671439.96	4103850.02	13.77496c (06122024)	671451.83	4103828.06	14.16588c (06122024)
671463.70	4103806.10	16.54340c (07011424)	671475.57	4103784.15	18.86189c (07011424)
671487.43	4103762.19	20.62077c (07011424)	671499.30	4103740.23	21.84477c (07011424)
671511.17	4103718.27	22.63487c (07011424)	671523.03	4103696.32	23.11102c (07011424)
671534.90	4103674.36	23.38003c (07011424)	671546.77	4103652.40	23.52149c (07011424)
671558.64	4103630.45	23.58929c (07011424)	671570.50	4103608.49	23.61690c (07011424)
671582.37	4103586.53	23.62253c (07011424)	671594.24	4103564.57	23.61731c (07011424)
671606.11	4103542.62	23.60688c (07011424)	671617.97	4103520.66	23.59444c (07011424)
671629.84	4103498.70	23.58069c (07011424)	671641.71	4103476.75	23.56681c (07011424)
671653.57	4103454.79	23.55397c (07011424)	671665.44	4103432.83	23.54104c (07011424)
671677.31	4103410.87	23.52797c (07011424)	671689.18	4103388.92	23.51497c (07011424)
671701.04	4103366.96	23.50298c (07011424)	671712.91	4103345.00	23.49017c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671724.78	4103323.05	23.47556c (07011424)	671736.65	4103301.09	23.45969c (07011424)
671748.51	4103279.13	23.44463c (07011424)	671760.38	4103257.17	23.43054c (07011424)
671772.25	4103235.22	23.41739c (07011424)	671784.12	4103213.26	23.40279c (07011424)
671795.98	4103191.30	23.38809c (07011424)	671807.85	4103169.35	23.37392c (07011424)
671819.72	4103147.39	23.36461c (07011424)	671831.58	4103125.43	23.35822c (07011424)
671843.45	4103103.47	23.34922c (07011424)	671855.32	4103081.52	23.33759c (07011424)
671867.19	4103059.56	23.32454c (07011424)	671879.05	4103037.60	23.31193c (07011424)
671890.92	4103015.64	23.29924c (07011424)	671902.79	4102993.69	23.28621c (07011424)
671914.66	4102971.73	23.27310c (07011424)	671926.52	4102949.77	23.26048c (07011424)
671938.39	4102927.82	23.24761c (07011424)	671950.26	4102905.86	23.23613c (07011424)
671962.12	4102883.90	23.22568c (07011424)	671973.99	4102861.94	23.21509c (07011424)
671985.86	4102839.99	23.20485c (07011424)	671997.73	4102818.03	23.19622c (07011424)
672009.59	4102796.07	23.18806c (07011424)	672021.46	4102774.12	23.17989c (07011424)
672033.33	4102752.16	23.17246c (07011424)	672045.20	4102730.20	23.16564c (07011424)
672057.06	4102708.24	23.15967c (07011424)	672068.93	4102686.29	23.15791c (07011424)
672080.80	4102664.33	23.18188c (07011424)	672092.67	4102642.37	23.17901c (07011424)
672104.53	4102620.42	23.16636c (07011424)	672116.40	4102598.46	23.15386c (07011424)
672128.27	4102576.50	23.14113c (07011424)	672140.13	4102554.54	23.12632c (07011424)
672152.00	4102532.59	23.10664c (07011424)	672163.87	4102510.63	23.07999c (07011424)
672175.74	4102488.67	23.04172c (07011424)	672187.60	4102466.72	22.98436c (07011424)
672199.47	4102444.76	22.89757c (07011424)	672211.34	4102422.80	22.77300c (07011424)
672223.21	4102400.84	22.60018c (07011424)	672235.07	4102378.89	22.36184c (07011424)
672246.94	4102356.93	22.03491c (07011424)	672258.81	4102334.97	21.57549c (07011424)
672270.67	4102313.01	20.91128c (07011424)	672282.54	4102291.06	19.94890c (07011424)
672294.41	4102269.10	18.60160c (07011424)	672306.28	4102247.14	17.51166c (08120624)
672318.14	4102225.19	16.52829c (08120624)	672330.01	4102203.23	15.59190c (07112424)
672341.88	4102181.27	15.14092c (07112424)	672353.75	4102159.31	14.69234c (07112424)
672365.61	4102137.36	14.24114c (07112424)	671337.89	4104129.02	11.03978c (08122824)
671306.85	4104156.41	10.83657c (08122824)	671255.12	4104184.19	10.60308c (08122824)
671213.73	4104184.96	10.74028c (08122824)	671365.28	4104093.36	11.30963c (08122824)
671377.14	4104071.41	11.50157c (08122824)	671389.01	4104049.45	11.67227c (08122824)
671400.88	4104027.49	11.82355c (08122824)	671412.75	4104005.53	11.95679c (08122824)
671424.61	4103983.58	12.06577c (08122824)	671436.48	4103961.62	12.15247c (08122824)
671448.35	4103939.66	12.21472c (08122824)	671460.22	4103917.71	12.24874c (08122824)
671472.08	4103895.75	12.38726 (05030324)	671483.95	4103873.79	12.51966 (05030324)
671495.82	4103851.83	12.61616 (05030324)	671507.68	4103829.88	13.50118c (07011424)
671519.55	4103807.92	15.79693c (07011424)	671531.42	4103785.96	17.71976c (07011424)
671543.29	4103764.01	19.20379c (07011424)	671555.15	4103742.05	20.26910c (07011424)
671567.02	4103720.09	20.98369c (07011424)	671578.89	4103698.13	21.43448c (07011424)
671590.76	4103676.18	21.70282c (07011424)	671602.62	4103654.22	21.85431c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671614.49	4103632.26	21.93361c (07011424)	671626.36	4103610.31	21.97126c (07011424)
671638.22	4103588.35	21.98630c (07011424)	671650.09	4103566.39	21.98872c (07011424)
671661.96	4103544.43	21.98513c (07011424)	671673.83	4103522.48	21.97801c (07011424)
671685.69	4103500.52	21.96996c (07011424)	671697.56	4103478.56	21.96176c (07011424)
671709.43	4103456.61	21.95395c (07011424)	671721.30	4103434.65	21.94718c (07011424)
671733.16	4103412.69	21.94080c (07011424)	671745.03	4103390.73	21.93417c (07011424)
671756.90	4103368.78	21.92715c (07011424)	671768.77	4103346.82	21.91904c (07011424)
671780.63	4103324.86	21.91103c (07011424)	671792.50	4103302.90	21.90077c (07011424)
671804.37	4103280.95	21.88886c (07011424)	671816.23	4103258.99	21.87872c (07011424)
671828.10	4103237.03	21.86889c (07011424)	671839.97	4103215.08	21.85934c (07011424)
671851.84	4103193.12	21.85018c (07011424)	671863.70	4103171.16	21.84331c (07011424)
671875.57	4103149.20	21.83648c (07011424)	671887.44	4103127.25	21.82995c (07011424)
671899.31	4103105.29	21.82315c (07011424)	671911.17	4103083.33	21.81615c (07011424)
671923.04	4103061.38	21.80834c (07011424)	671934.91	4103039.42	21.80087c (07011424)
671946.77	4103017.46	21.79342c (07011424)	671958.64	4102995.50	21.78571c (07011424)
671970.51	4102973.55	21.77792c (07011424)	671982.38	4102951.59	21.77060c (07011424)
671994.24	4102929.63	21.76405c (07011424)	672006.11	4102907.68	21.75755c (07011424)
672017.98	4102885.72	21.75155c (07011424)	672029.85	4102863.76	21.74580c (07011424)
672041.71	4102841.80	21.74059c (07011424)	672053.58	4102819.85	21.73686c (07011424)
672065.45	4102797.89	21.73393c (07011424)	672077.32	4102775.93	21.73342c (07011424)
672089.18	4102753.97	21.73327c (07011424)	672101.05	4102732.02	21.73211c (07011424)
672112.92	4102710.06	21.74413c (07011424)	672124.78	4102688.10	21.76990c (07011424)
672136.65	4102666.15	21.76934c (07011424)	672148.52	4102644.19	21.75269c (07011424)
672160.39	4102622.23	21.74374c (07011424)	672172.25	4102600.27	21.73967c (07011424)
672184.12	4102578.32	21.72811c (07011424)	672195.99	4102556.36	21.71021c (07011424)
672207.86	4102534.40	21.68325c (07011424)	672219.72	4102512.45	21.64290c (07011424)
672231.59	4102490.49	21.58188c (07011424)	672243.46	4102468.53	21.49377c (07011424)
672255.32	4102446.57	21.37321c (07011424)	672267.19	4102424.62	21.21175c (07011424)
672279.06	4102402.66	20.99868c (07011424)	672290.93	4102380.70	20.71612c (07011424)
672302.79	4102358.75	20.33244c (07011424)	672314.66	4102336.79	19.79554c (07011424)
672326.53	4102314.83	19.03668c (07011424)	672338.40	4102292.87	17.98694c (07011424)
672350.26	4102270.92	16.60224c (07011424)	672362.13	4102248.96	15.68638c (08120624)
672374.00	4102227.00	14.84060c (08120624)	672385.87	4102205.05	14.43786c (07112424)
672397.73	4102183.09	14.06083c (07112424)	672409.60	4102161.13	13.70571c (07112424)
671380.15	4104154.31	10.18725c (08122824)	671362.91	4104169.53	10.12781c (08122824)
671345.67	4104184.75	10.03670c (08122824)	671328.42	4104199.97	9.91465c (08122824)
671311.18	4104215.18	9.76025c (08122824)	671270.94	4104230.83	9.64045c (08122824)
671247.95	4104231.26	9.68645c (08122824)	671224.96	4104231.69	9.71774c (08122824)
671201.96	4104232.12	9.73775c (08122824)	671178.97	4104232.55	9.75182c (08122824)
671397.40	4104139.09	10.21955c (08122824)	671409.26	4104117.14	10.37916c (08122824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671421.13	4104095.18	10.52382c (08122824)	671433.00	4104073.22	10.65430c (08122824)
671444.87	4104051.27	10.76983c (08122824)	671456.73	4104029.31	10.87450c (08122824)
671468.60	4104007.35	10.96105c (08122824)	671480.47	4103985.39	11.04124 (05030324)
671492.33	4103963.44	11.21022 (05030324)	671504.20	4103941.48	11.37274 (05030324)
671516.07	4103919.52	11.51957 (05030324)	671527.94	4103897.57	11.64199 (05030324)
671539.80	4103875.61	11.73748 (05030324)	671551.67	4103853.65	11.80670 (05030324)
671563.54	4103831.69	13.20306c (07011424)	671575.41	4103809.74	15.13626c (07011424)
671587.27	4103787.78	16.76281c (07011424)	671599.14	4103765.82	18.03692c (07011424)
671611.01	4103743.86	18.97216c (07011424)	671622.87	4103721.91	19.61874c (07011424)
671634.74	4103699.95	20.04257c (07011424)	671646.61	4103677.99	20.30650c (07011424)
671658.48	4103656.04	20.46308c (07011424)	671670.34	4103634.08	20.55094c (07011424)
671682.21	4103612.12	20.59713c (07011424)	671694.08	4103590.16	20.61977c (07011424)
671705.95	4103568.21	20.62868c (07011424)	671717.81	4103546.25	20.63059c (07011424)
671729.68	4103524.29	20.62795c (07011424)	671741.55	4103502.34	20.62367c (07011424)
671753.42	4103480.38	20.61995c (07011424)	671765.28	4103458.42	20.61706c (07011424)
671777.15	4103436.46	20.61489c (07011424)	671789.02	4103414.51	20.61504c (07011424)
671800.88	4103392.55	20.61454c (07011424)	671812.75	4103370.59	20.61135c (07011424)
671824.62	4103348.64	20.60676c (07011424)	671836.49	4103326.68	20.60074c (07011424)
671848.35	4103304.72	20.59431c (07011424)	671860.22	4103282.76	20.58632c (07011424)
671872.09	4103260.81	20.57955c (07011424)	671883.96	4103238.85	20.57260c (07011424)
671895.82	4103216.89	20.56645c (07011424)	671907.69	4103194.94	20.56056c (07011424)
671919.56	4103172.98	20.55554c (07011424)	671931.42	4103151.02	20.55138c (07011424)
671943.29	4103129.06	20.54758c (07011424)	671955.16	4103107.11	20.54376c (07011424)
671967.03	4103085.15	20.54009c (07011424)	671978.89	4103063.19	20.53597c (07011424)
671990.76	4103041.23	20.53177c (07011424)	672002.63	4103019.28	20.52750c (07011424)
672014.50	4102997.32	20.52355c (07011424)	672026.36	4102975.36	20.52022c (07011424)
672038.23	4102953.41	20.51706c (07011424)	672050.10	4102931.45	20.51419c (07011424)
672061.97	4102909.49	20.51165c (07011424)	672073.83	4102887.53	20.50950c (07011424)
672085.70	4102865.58	20.50700c (07011424)	672097.57	4102843.62	20.50504c (07011424)
672109.43	4102821.66	20.50621c (07011424)	672121.30	4102799.71	20.51140c (07011424)
672133.17	4102777.75	20.52185c (07011424)	672145.04	4102755.79	20.54273c (07011424)
672156.90	4102733.83	20.58830c (07011424)	672168.77	4102711.88	20.58024c (07011424)
672180.64	4102689.92	20.57523c (07011424)	672192.51	4102667.96	20.55225c (07011424)
672204.37	4102646.01	20.53451c (07011424)	672216.24	4102624.05	20.52995c (07011424)
672228.11	4102602.09	20.52140c (07011424)	672239.97	4102580.13	20.50530c (07011424)
672251.84	4102558.18	20.47817c (07011424)	672263.71	4102536.22	20.43724c (07011424)
672275.58	4102514.26	20.37685c (07011424)	672287.44	4102492.31	20.29267c (07011424)
672299.31	4102470.35	20.17910c (07011424)	672311.18	4102448.39	20.03093c (07011424)
672323.05	4102426.43	19.83891c (07011424)	672334.91	4102404.48	19.59402c (07011424)
672346.78	4102382.52	19.26944c (07011424)	672358.65	4102360.56	18.82898c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672370.52	4102338.60	18.22141c (07011424)	672382.38	4102316.65	17.39198c (07011424)
672394.25	4102294.69	16.29588c (07011424)	672406.12	4102272.73	14.91915c (07011424)
672417.98	4102250.78	14.21821c (08120624)	672429.85	4102228.82	13.82953c (07112424)
672441.72	4102206.86	13.54882c (07112424)	672453.59	4102184.90	13.25761c (07112424)
671422.91	4104179.17	9.46764c (08122824)	671404.43	4104195.48	9.43656c (08122824)
671385.96	4104211.78	9.38081c (08122824)	671367.48	4104228.09	9.29543c (08122824)
671349.01	4104244.39	9.18185c (08122824)	671330.54	4104260.70	9.05239c (08122824)
671287.42	4104277.46	8.89082c (08122824)	671262.79	4104277.92	8.88278c (08122824)
671238.15	4104278.38	8.87383c (08122824)	671213.52	4104278.84	8.86585c (08122824)
671188.88	4104279.30	8.85730c (08122824)	671164.24	4104279.76	8.85289c (08122824)
671441.38	4104162.87	9.47816c (08122824)	671453.25	4104140.91	9.59980c (08122824)
671465.12	4104118.95	9.70984c (08122824)	671476.98	4104097.00	9.83823 (05030324)
671488.85	4104075.04	9.97721 (05030324)	671500.72	4104053.08	10.10485 (05030324)
671512.59	4104031.12	10.23421 (05030324)	671524.45	4104009.17	10.37171 (05030324)
671536.32	4103987.21	10.51522 (05030324)	671548.19	4103965.25	10.65622 (05030324)
671560.06	4103943.30	10.78770 (05030324)	671571.92	4103921.34	10.90023 (05030324)
671583.79	4103899.38	10.99186 (05030324)	671595.66	4103877.42	11.06114 (05030324)
671607.52	4103855.47	11.11209 (05030324)	671619.39	4103833.51	12.89499c (07011424)
671631.26	4103811.55	14.55021c (07011424)	671643.13	4103789.60	15.94520c (07011424)
671654.99	4103767.64	17.05232c (07011424)	671666.86	4103745.68	17.88117c (07011424)
671678.73	4103723.72	18.46991c (07011424)	671690.60	4103701.77	18.86759c (07011424)
671702.46	4103679.81	19.12478c (07011424)	671714.33	4103657.85	19.28351c (07011424)
671726.20	4103635.90	19.37759c (07011424)	671738.07	4103613.94	19.43120c (07011424)
671749.93	4103591.98	19.46040c (07011424)	671761.80	4103570.02	19.47507c (07011424)
671773.67	4103548.07	19.48122c (07011424)	671785.53	4103526.11	19.48335c (07011424)
671797.40	4103504.15	19.48285c (07011424)	671809.27	4103482.20	19.48104c (07011424)
671821.14	4103460.24	19.47857c (07011424)	671833.00	4103438.28	19.48246c (07011424)
671844.87	4103416.32	19.49305c (07011424)	671856.74	4103394.37	19.49357c (07011424)
671868.61	4103372.41	19.49282c (07011424)	671880.47	4103350.45	19.49068c (07011424)
671892.34	4103328.49	19.48744c (07011424)	671904.21	4103306.54	19.48373c (07011424)
671916.07	4103284.58	19.47865c (07011424)	671927.94	4103262.62	19.47297c (07011424)
671939.81	4103240.67	19.46813c (07011424)	671951.68	4103218.71	19.46370c (07011424)
671963.54	4103196.75	19.46056c (07011424)	671975.41	4103174.79	19.45773c (07011424)
671987.28	4103152.84	19.45587c (07011424)	671999.15	4103130.88	19.45401c (07011424)
672011.01	4103108.92	19.45301c (07011424)	672022.88	4103086.97	19.45143c (07011424)
672034.75	4103065.01	19.44962c (07011424)	672046.62	4103043.05	19.44783c (07011424)
672058.48	4103021.09	19.44656c (07011424)	672070.35	4102999.14	19.44555c (07011424)
672082.22	4102977.18	19.44526c (07011424)	672094.08	4102955.22	19.44551c (07011424)
672105.95	4102933.27	19.44563c (07011424)	672117.82	4102911.31	19.44578c (07011424)
672129.69	4102889.35	19.44601c (07011424)	672141.55	4102867.39	19.44663c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672153.42	4102845.44	19.44748c	(07011424)	672165.29	4102823.48	19.45252c	(07011424)
672177.16	4102801.52	19.46424c	(07011424)	672189.02	4102779.56	19.47448c	(07011424)
672200.89	4102757.61	19.47642c	(07011424)	672212.76	4102735.65	19.48208c	(07011424)
672224.62	4102713.69	19.48822c	(07011424)	672236.49	4102691.74	19.49198c	(07011424)
672248.36	4102669.78	19.48857c	(07011424)	672260.23	4102647.82	19.48433c	(07011424)
672272.09	4102625.86	19.47753c	(07011424)	672283.96	4102603.91	19.46242c	(07011424)
672295.83	4102581.95	19.43655c	(07011424)	672307.70	4102559.99	19.39643c	(07011424)
672319.56	4102538.04	19.33780c	(07011424)	672331.43	4102516.08	19.25687c	(07011424)
672343.30	4102494.12	19.15022c	(07011424)	672355.17	4102472.16	19.01403c	(07011424)
672367.03	4102450.21	18.84442c	(07011424)	672378.90	4102428.25	18.62924c	(07011424)
672390.77	4102406.29	18.34991c	(07011424)	672402.63	4102384.34	17.98133c	(07011424)
672414.50	4102362.38	17.48513c	(07011424)	672426.37	4102340.42	16.82132c	(07011424)
672438.24	4102318.46	15.94694c	(07011424)	672450.10	4102296.51	14.83771c	(07011424)
672461.97	4102274.55	13.60486c	(08120624)	672473.84	4102252.59	13.24386c	(07112424)
672485.71	4102230.64	13.00127c	(07112424)	672497.57	4102208.68	12.79602c	(07112424)
671497.45	4104217.71	8.52833	(05030324)	671480.21	4104232.93	8.52364c	(08122824)
671462.96	4104248.14	8.51289c	(08122824)	671445.72	4104263.36	8.48442c	(08122824)
671428.48	4104278.58	8.43465c	(08122824)	671411.24	4104293.80	8.36372c	(08122824)
671393.99	4104309.02	8.27201c	(08122824)	671376.75	4104324.23	8.15742c	(08122824)
671359.51	4104339.45	8.02414c	(08122824)	671319.27	4104355.10	7.88880c	(08122824)
671296.28	4104355.53	7.88602c	(08122824)	671273.28	4104355.96	7.86861c	(08122824)
671250.29	4104356.39	7.84919c	(08122824)	671227.29	4104356.82	7.80678c	(08122824)
671204.30	4104357.25	7.76551c	(08122824)	671181.31	4104357.68	7.72475c	(08122824)
671158.31	4104358.11	7.68646c	(08122824)	671135.32	4104358.54	7.65725c	(08122824)
671514.69	4104202.49	8.65902	(05030324)	671526.56	4104180.53	8.81936	(05030324)
671538.43	4104158.58	8.94534	(05030324)	671550.30	4104136.62	9.05383	(05030324)
671562.16	4104114.66	9.14976	(05030324)	671574.03	4104092.70	9.24481	(05030324)
671585.90	4104070.75	9.34450	(05030324)	671597.76	4104048.79	9.45314	(05030324)
671609.63	4104026.83	9.56703	(05030324)	671621.50	4104004.88	9.68093	(05030324)
671633.37	4103982.92	9.78918	(05030324)	671645.23	4103960.96	9.88604	(05030324)
671657.10	4103939.00	9.96823	(05030324)	671668.97	4103917.05	10.03341	(05030324)
671680.84	4103895.09	10.08301	(05030324)	671692.70	4103873.13	10.11867	(05030324)
671704.57	4103851.18	11.42599c	(07011424)	671716.44	4103829.22	12.84879c	(07011424)
671728.31	4103807.26	14.09777c	(07011424)	671740.17	4103785.30	15.13864c	(07011424)
671752.04	4103763.35	15.96419c	(07011424)	671763.91	4103741.39	16.58931c	(07011424)
671775.77	4103719.43	17.04301c	(07011424)	671787.64	4103697.48	17.35879c	(07011424)
671799.51	4103675.52	17.57038c	(07011424)	671811.38	4103653.56	17.70763c	(07011424)
671823.24	4103631.60	17.79431c	(07011424)	671835.11	4103609.65	17.84717c	(07011424)
671846.98	4103587.69	17.87910c	(07011424)	671858.85	4103565.73	17.89746c	(07011424)
671870.71	4103543.77	17.90870c	(07011424)	671882.58	4103521.82	17.91483c	(07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671894.45	4103499.86	17.91862c (07011424)	671906.31	4103477.90	17.92122c (07011424)
671918.18	4103455.95	17.94085c (07011424)	671930.05	4103433.99	17.95089c (07011424)
671941.92	4103412.03	17.95481c (07011424)	671953.78	4103390.07	17.95827c (07011424)
671965.65	4103368.12	17.96095c (07011424)	671977.52	4103346.16	17.96317c (07011424)
671989.39	4103324.20	17.96431c (07011424)	672001.25	4103302.25	17.96361c (07011424)
672013.12	4103280.29	17.95981c (07011424)	672024.99	4103258.33	17.95342c (07011424)
672036.85	4103236.37	17.94646c (07011424)	672048.72	4103214.42	17.94348c (07011424)
672060.59	4103192.46	17.94326c (07011424)	672072.46	4103170.50	17.94310c (07011424)
672084.32	4103148.55	17.94326c (07011424)	672096.19	4103126.59	17.94387c (07011424)
672108.06	4103104.63	17.94451c (07011424)	672119.93	4103082.67	17.94480c (07011424)
672131.79	4103060.72	17.94641c (07011424)	672143.66	4103038.76	17.94907c (07011424)
672155.53	4103016.80	17.95234c (07011424)	672167.40	4102994.85	17.95585c (07011424)
672179.26	4102972.89	17.95981c (07011424)	672191.13	4102950.93	17.96356c (07011424)
672203.00	4102928.97	17.96734c (07011424)	672214.86	4102907.02	17.97127c (07011424)
672226.73	4102885.06	17.97518c (07011424)	672238.60	4102863.10	17.97908c (07011424)
672250.47	4102841.14	17.98480c (07011424)	672262.33	4102819.19	17.99214c (07011424)
672274.20	4102797.23	18.00068c (07011424)	672286.07	4102775.27	18.00982c (07011424)
672297.94	4102753.32	18.01813c (07011424)	672309.80	4102731.36	18.02529c (07011424)
672321.67	4102709.40	18.02895c (07011424)	672333.54	4102687.44	18.02749c (07011424)
672345.40	4102665.49	18.01934c (07011424)	672357.27	4102643.53	18.00347c (07011424)
672369.14	4102621.57	17.97734c (07011424)	672381.01	4102599.62	17.93732c (07011424)
672392.87	4102577.66	17.88098c (07011424)	672404.74	4102555.70	17.80603c (07011424)
672416.61	4102533.74	17.71005c (07011424)	672428.48	4102511.79	17.59183c (07011424)
672440.34	4102489.83	17.44775c (07011424)	672452.21	4102467.87	17.27124c (07011424)
672464.08	4102445.92	17.05179c (07011424)	672475.95	4102423.96	16.77274c (07011424)
672487.81	4102402.00	16.41064c (07011424)	672499.68	4102380.04	15.93223c (07011424)
672511.55	4102358.09	15.31213c (07011424)	672523.41	4102336.13	14.52121c (07011424)
672535.28	4102314.17	13.54116c (07011424)	672547.15	4102292.22	12.40103c (08121024)
672559.02	4102270.26	12.12055c (07112424)	672570.88	4102248.30	12.36966c (07112424)
671570.04	4104257.97	8.06487 (05030324)	671552.08	4104273.82	7.95446 (05030324)
671534.12	4104289.67	7.80095 (05030324)	671516.16	4104305.52	7.69833c (08122824)
671498.20	4104321.37	7.67700c (08122824)	671480.24	4104337.22	7.63696c (08122824)
671462.27	4104353.08	7.58042c (08122824)	671444.31	4104368.93	7.50717c (08122824)
671426.35	4104384.78	7.42205c (08122824)	671408.39	4104400.63	7.33942c (08122824)
671390.43	4104416.48	7.24641c (08122824)	671348.52	4104432.78	7.15812c (08122824)
671324.56	4104433.23	7.16838c (08122824)	671300.61	4104433.68	7.12738c (08122824)
671276.66	4104434.13	7.06917c (08122824)	671252.71	4104434.57	7.00805c (08122824)
671228.76	4104435.02	6.94182c (08122824)	671204.80	4104435.47	6.87988c (08122824)
671180.85	4104435.92	6.82607c (08122824)	671156.90	4104436.36	6.78237c (08122824)
671132.95	4104436.81	6.75504c (08122824)	671109.00	4104437.26	6.74742c (08122824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
671588.00	4104242.11	8.13306 (05030324)	671599.87	4104220.16	8.23696 (05030324)
671611.74	4104198.20	8.32387 (05030324)	671623.61	4104176.24	8.39851 (05030324)
671635.47	4104154.28	8.46984 (05030324)	671647.34	4104132.33	8.54264 (05030324)
671659.21	4104110.37	8.62300 (05030324)	671671.08	4104088.41	8.70902 (05030324)
671682.94	4104066.46	8.80030 (05030324)	671694.81	4104044.50	8.89247 (05030324)
671706.68	4104022.54	8.98053 (05030324)	671718.54	4104000.58	9.06126 (05030324)
671730.41	4103978.63	9.13113 (05030324)	671742.28	4103956.67	9.18775 (05030324)
671754.15	4103934.71	9.23191 (05030324)	671766.01	4103912.76	9.26321 (05030324)
671777.88	4103890.80	9.28306 (05030324)	671789.75	4103868.84	10.29792c (07011424)
671801.62	4103846.88	11.53410c (07011424)	671813.48	4103824.93	12.65055c (07011424)
671825.35	4103802.97	13.61594c (07011424)	671837.22	4103781.01	14.41544c (07011424)
671849.09	4103759.06	15.05078c (07011424)	671860.95	4103737.10	15.53717c (07011424)
671872.82	4103715.14	15.89580c (07011424)	671884.69	4103693.18	16.15180c (07011424)
671896.55	4103671.23	16.32897c (07011424)	671908.42	4103649.27	16.44812c (07011424)
671920.29	4103627.31	16.52659c (07011424)	671932.16	4103605.35	16.57748c (07011424)
671944.02	4103583.40	16.61033c (07011424)	671955.89	4103561.44	16.63105c (07011424)
671967.76	4103539.48	16.64467c (07011424)	671979.63	4103517.53	16.65382c (07011424)
671991.49	4103495.57	16.66083c (07011424)	672003.36	4103473.61	16.68048c (07011424)
672015.23	4103451.65	16.69787c (07011424)	672027.09	4103429.70	16.70698c (07011424)
672038.96	4103407.74	16.71580c (07011424)	672050.83	4103385.78	16.72499c (07011424)
672062.70	4103363.83	16.73340c (07011424)	672074.56	4103341.87	16.74063c (07011424)
672086.43	4103319.91	16.74906c (07011424)	672098.30	4103297.95	16.74630c (07011424)
672110.17	4103276.00	16.73716c (07011424)	672122.03	4103254.04	16.73343c (07011424)
672133.90	4103232.08	16.72654c (07011424)	672145.77	4103210.13	16.71561c (07011424)
672157.64	4103188.17	16.71593c (07011424)	672169.50	4103166.21	16.71782c (07011424)
672181.37	4103144.25	16.71963c (07011424)	672193.24	4103122.30	16.72145c (07011424)
672205.10	4103100.34	16.72501c (07011424)	672216.97	4103078.38	16.72852c (07011424)
672228.84	4103056.43	16.73364c (07011424)	672240.71	4103034.47	16.73912c (07011424)
672252.57	4103012.51	16.74505c (07011424)	672264.44	4102990.55	16.75119c (07011424)
672276.31	4102968.60	16.75734c (07011424)	672288.18	4102946.64	16.76362c (07011424)
672300.04	4102924.68	16.77044c (07011424)	672311.91	4102902.72	16.77711c (07011424)
672323.78	4102880.77	16.78368c (07011424)	672335.64	4102858.81	16.79105c (07011424)
672347.51	4102836.85	16.79841c (07011424)	672359.38	4102814.90	16.80538c (07011424)
672371.25	4102792.94	16.81251c (07011424)	672383.11	4102770.98	16.81942c (07011424)
672394.98	4102749.02	16.82340c (07011424)	672406.85	4102727.07	16.82231c (07011424)
672418.72	4102705.11	16.81550c (07011424)	672430.58	4102683.15	16.80076c (07011424)
672442.45	4102661.20	16.77320c (07011424)	672454.32	4102639.24	16.73382c (07011424)
672466.18	4102617.28	16.68072c (07011424)	672478.05	4102595.32	16.61190c (07011424)
672489.92	4102573.37	16.52744c (07011424)	672501.79	4102551.41	16.42692c (07011424)
672513.65	4102529.45	16.30732c (07011424)	672525.52	4102507.50	16.16392c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672537.39	4102485.54	15.98959c	(07011424)	672549.26	4102463.58	15.77169c	(07011424)
672561.12	4102441.62	15.49358c	(07011424)	672572.99	4102419.67	15.15350c	(07011424)
672584.86	4102397.71	14.73757c	(07011424)	672596.73	4102375.75	14.20766c	(07011424)
672608.59	4102353.79	13.59384c	(07011424)	672620.46	4102331.84	12.94506c	(07011424)
672632.33	4102309.88	12.75807c	(08121024)	672644.19	4102287.92	13.85459c	(08121024)
671642.84	4104298.04	7.61664	(05030324)	671624.37	4104314.35	7.55109	(05030324)
671605.89	4104330.65	7.45365	(05030324)	671587.42	4104346.96	7.32143	(05030324)
671568.94	4104363.26	7.15477	(05030324)	671550.47	4104379.56	6.98029c	(08122824)
671531.99	4104395.87	6.95887c	(08122824)	671513.52	4104412.17	6.92164c	(08122824)
671495.04	4104428.48	6.86846c	(08122824)	671476.57	4104444.78	6.79948c	(08122824)
671458.09	4104461.09	6.72269c	(08122824)	671439.62	4104477.39	6.63075c	(08122824)
671421.15	4104493.70	6.52606c	(08122824)	671378.03	4104510.46	6.40579c	(08122824)
671353.40	4104510.92	6.40044c	(08122824)	671328.76	4104511.38	6.38271c	(08122824)
671304.13	4104511.84	6.37006c	(08122824)	671279.49	4104512.30	6.38105c	(08122824)
671254.85	4104512.77	6.32456c	(08122824)	671230.22	4104513.23	6.22711c	(08122824)
671205.58	4104513.69	6.18332c	(08122824)	671180.94	4104514.15	6.12688c	(08122824)
671156.31	4104514.61	6.06725c	(08122824)	671131.67	4104515.07	6.02252c	(08122824)
671107.04	4104515.53	6.02967	(08113024)	671082.40	4104515.99	6.23219	(08113024)
671661.32	4104281.74	7.65412	(05030324)	671673.18	4104259.78	7.72471	(05030324)
671685.05	4104237.82	7.78364	(05030324)	671696.92	4104215.86	7.83764	(05030324)
671708.78	4104193.91	7.89066	(05030324)	671720.65	4104171.95	7.94853	(05030324)
671732.52	4104149.99	8.01066	(05030324)	671744.39	4104128.04	8.08756	(05030324)
671756.25	4104106.08	8.16590	(05030324)	671768.12	4104084.12	8.23649	(05030324)
671779.99	4104062.16	8.30441	(05030324)	671791.86	4104040.21	8.36744	(05030324)
671803.72	4104018.25	8.42136	(05030324)	671815.59	4103996.29	8.46503	(05030324)
671827.46	4103974.34	8.49664	(05030324)	671839.32	4103952.38	8.51729	(05030324)
671851.19	4103930.42	8.52659	(05030324)	671863.06	4103908.46	8.52539	(05030324)
671874.93	4103886.51	9.40149c	(07011424)	671886.79	4103864.55	10.48638c	(07011424)
671898.66	4103842.59	11.48776c	(07011424)	671910.53	4103820.64	12.37716c	(07011424)
671922.40	4103798.68	13.13858c	(07011424)	671934.26	4103776.72	13.76752c	(07011424)
671946.13	4103754.76	14.26923c	(07011424)	671958.00	4103732.81	14.65608c	(07011424)
671969.87	4103710.85	14.94618c	(07011424)	671981.73	4103688.89	15.15728c	(07011424)
671993.60	4103666.93	15.30719c	(07011424)	672005.47	4103644.98	15.41093c	(07011424)
672017.33	4103623.02	15.48190c	(07011424)	672029.20	4103601.06	15.52951c	(07011424)
672041.07	4103579.11	15.56190c	(07011424)	672052.94	4103557.15	15.58346c	(07011424)
672064.80	4103535.19	15.59858c	(07011424)	672076.67	4103513.23	15.60932c	(07011424)
672088.54	4103491.28	15.61719c	(07011424)	672100.41	4103469.32	15.62635c	(07011424)
672112.27	4103447.36	15.64236c	(07011424)	672124.14	4103425.41	15.66107c	(07011424)
672136.01	4103403.45	15.67557c	(07011424)	672147.87	4103381.49	15.69265c	(07011424)
672159.74	4103359.53	15.70689c	(07011424)	672171.61	4103337.58	15.71101c	(07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672183.48	4103315.62	15.72242c (07011424)	672195.34	4103293.66	15.73416c (07011424)
672207.21	4103271.71	15.75214c (07011424)	672219.08	4103249.75	15.76706c (07011424)
672230.95	4103227.79	15.75414c (07011424)	672242.81	4103205.83	15.72253c (07011424)
672254.68	4103183.88	15.69751c (07011424)	672266.55	4103161.92	15.70009c (07011424)
672278.42	4103139.96	15.70512c (07011424)	672290.28	4103118.00	15.71013c (07011424)
672302.15	4103096.05	15.71667c (07011424)	672314.02	4103074.09	15.72319c (07011424)
672325.88	4103052.13	15.72956c (07011424)	672337.75	4103030.18	15.73626c (07011424)
672349.62	4103008.22	15.74356c (07011424)	672361.49	4102986.26	15.75113c (07011424)
672373.35	4102964.30	15.75885c (07011424)	672385.22	4102942.35	15.76657c (07011424)
672397.09	4102920.39	15.77465c (07011424)	672408.96	4102898.43	15.78265c (07011424)
672420.82	4102876.48	15.78992c (07011424)	672432.69	4102854.52	15.79659c (07011424)
672444.56	4102832.56	15.80213c (07011424)	672456.42	4102810.60	15.80631c (07011424)
672468.29	4102788.65	15.80871c (07011424)	672480.16	4102766.69	15.80654c (07011424)
672492.03	4102744.73	15.79843c (07011424)	672503.89	4102722.78	15.78309c (07011424)
672515.76	4102700.82	15.75763c (07011424)	672527.63	4102678.86	15.72080c (07011424)
672539.50	4102656.90	15.67159c (07011424)	672551.36	4102634.95	15.60921c (07011424)
672563.23	4102612.99	15.53509c (07011424)	672575.10	4102591.03	15.44950c (07011424)
672586.97	4102569.08	15.35204c (07011424)	672598.83	4102547.12	15.23809c (07011424)
672610.70	4102525.16	15.10102c (07011424)	672622.57	4102503.20	14.93261c (07011424)
672634.43	4102481.25	14.72024c (07011424)	672646.30	4102459.29	14.46207c (07011424)
672658.17	4102437.33	14.14919c (07011424)	672670.04	4102415.37	13.77084c (07011424)
672681.90	4102393.42	13.30712c (07011424)	672693.77	4102371.46	12.77947c (07011424)
672705.64	4102349.50	12.30258c (07011424)	672717.51	4102327.55	12.61943c (08121024)
671862.77	4104416.91	6.43277 (05030324)	671844.30	4104433.21	6.44703 (05030324)
671825.82	4104449.52	6.44820 (05030324)	671807.35	4104465.82	6.43402 (05030324)
671788.88	4104482.13	6.40092 (05030324)	671770.40	4104498.43	6.34706 (05030324)
671751.93	4104514.74	6.27089 (05030324)	671733.45	4104531.04	6.17291 (05030324)
671714.98	4104547.35	6.05451 (05030324)	671696.50	4104563.65	5.91860 (05030324)
671678.03	4104579.96	5.76860 (05030324)	671659.55	4104596.26	5.60994 (05030324)
671641.08	4104612.57	5.48878c (08122824)	671622.60	4104628.87	5.47401c (08122824)
671604.13	4104645.18	5.44870c (08122824)	671585.65	4104661.48	5.41501c (08122824)
671567.18	4104677.79	5.36963c (08122824)	671548.71	4104694.09	5.31439c (08122824)
671530.23	4104710.40	5.25043c (08122824)	671511.76	4104726.70	5.18038c (08122824)
671468.65	4104743.47	5.09346c (08122824)	671444.01	4104743.93	5.07489c (08122824)
671419.37	4104744.39	5.05031c (08122824)	671394.74	4104744.85	5.01877c (08122824)
671370.10	4104745.31	4.97991c (08122824)	671345.46	4104745.77	4.93254c (08122824)
671320.83	4104746.23	4.88028c (08122824)	671296.19	4104746.69	4.82026c (08122824)
671271.55	4104747.15	4.75926c (08122824)	671246.92	4104747.61	4.69582c (08122824)
671222.28	4104748.07	4.63145c (08122824)	671197.65	4104748.53	4.56788c (08122824)
671173.01	4104748.99	4.50726c (08122824)	671148.37	4104749.45	4.45241c (08122824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671123.74	4104749.91	4.49203	(08113024)	671099.10	4104750.37	4.65705	(08113024)
671074.46	4104750.83	4.81772	(08113024)	671049.83	4104751.29	4.96953	(08113024)
671025.19	4104751.75	5.10835	(08113024)	671000.56	4104752.21	5.27051c	(04122424)
671881.25	4104400.60	6.40899	(05030324)	671893.12	4104378.65	6.42066	(05030324)
671904.98	4104356.69	6.43038	(05030324)	671916.85	4104334.73	6.43982	(05030324)
671928.72	4104312.78	6.45018	(05030324)	671940.58	4104290.82	6.46227	(05030324)
671952.45	4104268.86	6.47643	(05030324)	671964.32	4104246.90	6.49153	(05030324)
671976.19	4104224.95	6.50674	(05030324)	671988.05	4104202.99	6.52092	(05030324)
671999.92	4104181.03	6.53196	(05030324)	672011.79	4104159.07	6.53841	(05030324)
672023.66	4104137.12	6.53869	(05030324)	672035.52	4104115.16	6.53113	(05030324)
672047.39	4104093.20	6.51611	(05030324)	672059.26	4104071.25	6.49144	(05030324)
672071.12	4104049.29	6.45804	(05030324)	672082.99	4104027.33	6.52290c	(07020424)
672094.86	4104005.37	6.75968c	(07020424)	672106.73	4103983.42	6.98336c	(07020424)
672118.59	4103961.46	7.19446c	(07020424)	672130.46	4103939.50	7.53896c	(07011424)
672142.33	4103917.55	8.31235c	(07011424)	672154.20	4103895.59	9.05495c	(07011424)
672166.06	4103873.63	9.74952c	(07011424)	672177.93	4103851.67	10.38259c	(07011424)
672189.80	4103829.72	10.94516c	(07011424)	672201.67	4103807.76	11.43296c	(07011424)
672213.53	4103785.80	11.84920c	(07011424)	672225.40	4103763.85	12.19837c	(07011424)
672237.27	4103741.89	12.47888c	(07011424)	672249.13	4103719.93	12.69760c	(07011424)
672261.00	4103697.97	12.86626c	(07011424)	672272.87	4103676.02	12.99440c	(07011424)
672284.74	4103654.06	13.09101c	(07011424)	672296.60	4103632.10	13.16245c	(07011424)
672308.47	4103610.15	13.21478c	(07011424)	672320.34	4103588.19	13.25342c	(07011424)
672332.21	4103566.23	13.28239c	(07011424)	672344.07	4103544.27	13.32495c	(07011424)
672355.94	4103522.32	13.37178c	(07011424)	672367.81	4103500.36	13.39686c	(07011424)
672379.67	4103478.40	13.41787c	(07011424)	672391.54	4103456.44	13.43780c	(07011424)
672403.41	4103434.49	13.45641c	(07011424)	672415.28	4103412.53	13.47682c	(07011424)
672427.14	4103390.57	13.49909c	(07011424)	672439.01	4103368.62	13.52412c	(07011424)
672450.88	4103346.66	13.53875c	(07011424)	672462.75	4103324.70	13.55223c	(07011424)
672474.61	4103302.74	13.55485c	(07011424)	672486.48	4103280.79	13.54441c	(07011424)
672498.35	4103258.83	13.53067c	(07011424)	672510.22	4103236.87	13.52635c	(07011424)
672522.08	4103214.92	13.53479c	(07011424)	672533.95	4103192.96	13.54057c	(07011424)
672545.82	4103171.00	13.54397c	(07011424)	672557.68	4103149.04	13.54086c	(07011424)
672569.55	4103127.09	13.54148c	(07011424)	672581.42	4103105.13	13.54476c	(07011424)
672593.29	4103083.17	13.54954c	(07011424)	672605.15	4103061.22	13.55484c	(07011424)
672617.02	4103039.26	13.55977c	(07011424)	672628.89	4103017.30	13.56522c	(07011424)
672640.76	4102995.34	13.57075c	(07011424)	672652.62	4102973.39	13.57680c	(07011424)
672664.49	4102951.43	13.58144c	(07011424)	672676.36	4102929.47	13.58487c	(07011424)
672688.22	4102907.52	13.58348c	(07011424)	672700.09	4102885.56	13.57803c	(07011424)
672711.96	4102863.60	13.56873c	(07011424)	672723.83	4102841.64	13.54990c	(07011424)
672735.69	4102819.69	13.52282c	(07011424)	672747.56	4102797.73	13.48931c	(07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672759.43	4102775.77	13.45101c	(07011424)	672771.30	4102753.81	13.40566c	(07011424)
672783.16	4102731.86	13.35348c	(07011424)	672795.03	4102709.90	13.29486c	(07011424)
672806.90	4102687.94	13.26868c	(07011424)	672818.77	4102665.99	13.27410c	(07011424)
672830.63	4102644.03	13.23738c	(07011424)	672842.50	4102622.07	13.15612c	(07011424)
672854.37	4102600.11	13.05551c	(07011424)	672866.23	4102578.16	12.92684c	(07011424)
672878.10	4102556.20	12.77639c	(07011424)	672889.97	4102534.24	12.60496c	(07011424)
672901.84	4102512.29	12.38643c	(07011424)	672913.70	4102490.33	12.12041c	(07011424)
672925.57	4102468.37	11.79915c	(07011424)	672937.44	4102446.41	11.44844c	(07011424)
672082.71	4104535.78	5.27432	(05030324)	672064.23	4104552.08	5.33466	(05030324)
672045.76	4104568.39	5.38859	(05030324)	672027.28	4104584.69	5.43479	(05030324)
672008.81	4104601.00	5.47188	(05030324)	671990.33	4104617.30	5.49705	(05030324)
671971.86	4104633.61	5.50972	(05030324)	671953.38	4104649.91	5.50780	(05030324)
671934.91	4104666.22	5.48995	(05030324)	671916.43	4104682.52	5.45638	(05030324)
671897.96	4104698.82	5.40550	(05030324)	671879.49	4104715.13	5.33957	(05030324)
671861.01	4104731.43	5.25932	(05030324)	671842.54	4104747.74	5.16568	(05030324)
671824.06	4104764.04	5.06263	(05030324)	671805.59	4104780.35	4.95677	(05030324)
671787.11	4104796.65	4.84694	(05030324)	671768.64	4104812.96	4.73587	(05030324)
671750.16	4104829.26	4.62414	(05030324)	671731.69	4104845.57	4.52290c	(08122824)
671713.21	4104861.87	4.50341c	(08122824)	671694.74	4104878.18	4.48033c	(08122824)
671676.26	4104894.48	4.45532c	(08122824)	671657.79	4104910.79	4.42806c	(08122824)
671639.32	4104927.09	4.39354c	(08122824)	671620.84	4104943.40	4.34877c	(08122824)
671602.37	4104959.70	4.29674c	(08122824)	671559.26	4104976.47	4.25088c	(08122824)
671534.62	4104976.93	4.29432c	(08122824)	671509.98	4104977.39	4.31413c	(08122824)
671485.35	4104977.85	4.30234c	(08122824)	671460.71	4104978.31	4.28232c	(08122824)
671436.07	4104978.77	4.25644c	(08122824)	671411.44	4104979.23	4.22415c	(08122824)
671386.80	4104979.69	4.18498c	(08122824)	671362.17	4104980.15	4.13816c	(08122824)
671337.53	4104980.61	4.08405c	(08122824)	671312.89	4104981.07	4.02247c	(08122824)
671288.26	4104981.53	3.95612c	(08122824)	671263.62	4104981.99	3.88603c	(08122824)
671238.98	4104982.45	3.81573c	(08122824)	671214.35	4104982.91	3.74607c	(08122824)
671189.71	4104983.37	3.67490c	(08122824)	671165.08	4104983.83	3.60981c	(08122824)
671140.44	4104984.29	3.55175c	(08122824)	671115.80	4104984.75	3.63475	(08113024)
671091.17	4104985.21	3.75808	(08113024)	671066.53	4104985.67	3.88092	(08113024)
671041.89	4104986.13	3.99835	(08113024)	671017.26	4104986.59	4.12087	(08113024)
670992.62	4104987.05	4.27220	(08113024)	670967.99	4104987.51	4.42334	(08113024)
670943.35	4104987.97	4.68810c	(04122424)	670918.71	4104988.43	5.13112c	(04122424)
672101.18	4104519.47	5.20900	(05030324)	672113.05	4104497.51	5.18096	(05030324)
672124.92	4104475.56	5.15136	(05030324)	672136.78	4104453.60	5.12211	(05030324)
672148.65	4104431.64	5.09248	(05030324)	672160.52	4104409.69	5.06377	(05030324)
672172.38	4104387.73	5.03503	(05030324)	672184.25	4104365.77	5.00656	(05030324)
672196.12	4104343.81	4.97733	(05030324)	672207.99	4104321.86	4.94742	(05030324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672219.85	4104299.90	4.91560 (05030324)	672231.72	4104277.94	4.88140 (05030324)
672243.59	4104255.99	4.84429 (05030324)	672255.46	4104234.03	4.86591c (04111524)
672267.32	4104212.07	4.95200c (04111524)	672279.19	4104190.11	5.03340c (04111524)
672291.06	4104168.16	5.11564c (07020424)	672302.92	4104146.20	5.31040c (07020424)
672314.79	4104124.24	5.49814c (07020424)	672326.66	4104102.29	5.67790c (07020424)
672338.53	4104080.33	5.84867c (07020424)	672350.39	4104058.37	6.00978c (07020424)
672362.26	4104036.41	6.16282c (07020424)	672374.13	4104014.46	6.30692c (07020424)
672386.00	4103992.50	6.44369c (07020424)	672397.86	4103970.54	6.97443c (07011424)
672409.73	4103948.59	7.55007c (07011424)	672421.60	4103926.63	8.10343c (07011424)
672433.47	4103904.67	8.62542c (07011424)	672445.33	4103882.71	9.10868c (07011424)
672457.20	4103860.76	9.54757c (07011424)	672469.07	4103838.80	9.93924c (07011424)
672480.93	4103816.84	10.28224c (07011424)	672492.80	4103794.88	10.57738c (07011424)
672504.67	4103772.93	10.82717c (07011424)	672516.54	4103750.97	11.03523c (07011424)
672528.40	4103729.01	11.20580c (07011424)	672540.27	4103707.06	11.34314c (07011424)
672552.14	4103685.10	11.45272c (07011424)	672564.01	4103663.14	11.53949c (07011424)
672575.87	4103641.18	11.61305c (07011424)	672587.74	4103619.23	11.67216c (07011424)
672599.61	4103597.27	11.72258c (07011424)	672611.47	4103575.31	11.76527c (07011424)
672623.34	4103553.36	11.79894c (07011424)	672635.21	4103531.40	11.83906c (07011424)
672647.08	4103509.44	11.87966c (07011424)	672658.94	4103487.48	11.90890c (07011424)
672670.81	4103465.53	11.93244c (07011424)	672682.68	4103443.57	11.95347c (07011424)
672694.55	4103421.61	11.97338c (07011424)	672706.41	4103399.66	11.99042c (07011424)
672718.28	4103377.70	12.01077c (07011424)	672730.15	4103355.74	12.03722c (07011424)
672742.02	4103333.78	12.05574c (07011424)	672753.88	4103311.83	12.06421c (07011424)
672765.75	4103289.87	12.07033c (07011424)	672777.62	4103267.91	12.07546c (07011424)
672789.48	4103245.96	12.07868c (07011424)	672801.35	4103224.00	12.07613c (07011424)
672813.22	4103202.04	12.08198c (07011424)	672825.09	4103180.08	12.09385c (07011424)
672836.95	4103158.13	12.09761c (07011424)	672848.82	4103136.17	12.09937c (07011424)
672860.69	4103114.21	12.09814c (07011424)	672872.56	4103092.25	12.09330c (07011424)
672884.42	4103070.30	12.08562c (07011424)	672896.29	4103048.34	12.07534c (07011424)
672908.16	4103026.38	12.06136c (07011424)	672920.02	4103004.43	12.04551c (07011424)
672931.89	4102982.47	12.06446c (07011424)	672943.76	4102960.51	12.09532c (07011424)
672955.63	4102938.55	12.11406c (07011424)	672967.49	4102916.60	12.10311c (07011424)
672979.36	4102894.64	12.08247c (07011424)	672991.23	4102872.68	12.05397c (07011424)
673003.10	4102850.73	12.02643c (07011424)	673014.96	4102828.77	11.99935c (07011424)
673026.83	4102806.81	11.97502c (07011424)	673038.70	4102784.85	11.95126c (07011424)
673050.57	4102762.90	11.92046c (07011424)	673062.43	4102740.94	11.88598c (07011424)
673074.30	4102718.98	11.83148c (07011424)	673086.17	4102697.03	11.75666c (07011424)
673098.03	4102675.07	11.67542c (07011424)	673109.90	4102653.11	11.57503c (07011424)
673121.77	4102631.15	11.45012c (07011424)	673133.64	4102609.20	11.29496c (07011424)
673145.50	4102587.24	11.09163c (07011424)	673157.37	4102565.28	10.83547c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672522.57	4104773.51	3.08660	(05030324)	672504.10	4104789.82	3.15880	(05030324)
672485.62	4104806.12	3.23364	(05030324)	672467.15	4104822.43	3.30910	(05030324)
672448.67	4104838.73	3.38587	(05030324)	672430.20	4104855.04	3.46221	(05030324)
672411.72	4104871.34	3.53762	(05030324)	672393.25	4104887.65	3.61143	(05030324)
672374.77	4104903.95	3.68210	(05030324)	672356.30	4104920.26	3.74900	(05030324)
672337.83	4104936.56	3.81098	(05030324)	672319.35	4104952.87	3.86711	(05030324)
672300.88	4104969.17	3.91640	(05030324)	672282.40	4104985.48	3.95791	(05030324)
672263.93	4105001.78	3.99048	(05030324)	672245.45	4105018.08	4.01458	(05030324)
672226.98	4105034.39	4.02891	(05030324)	672208.50	4105050.69	4.03339	(05030324)
672190.03	4105067.00	4.02928	(05030324)	672171.55	4105083.30	4.01507	(05030324)
672153.08	4105099.61	3.99247	(05030324)	672134.60	4105115.91	3.96218	(05030324)
672116.13	4105132.22	3.92515	(05030324)	672097.66	4105148.52	3.88653	(05030324)
672079.18	4105164.83	3.84542	(05030324)	672060.71	4105181.13	3.80070	(05030324)
672042.23	4105197.44	3.75374	(05030324)	672023.76	4105213.74	3.70379	(05030324)
672005.28	4105230.05	3.65333	(05030324)	671986.81	4105246.35	3.60329	(05030324)
671968.33	4105262.66	3.55493	(05030324)	671949.86	4105278.96	3.50839	(05030324)
671931.38	4105295.27	3.46443	(05030324)	671912.91	4105311.57	3.42275	(05030324)
671894.43	4105327.88	3.38341	(05030324)	671875.96	4105344.18	3.34547	(05030324)
671857.49	4105360.49	3.30890	(05030324)	671839.01	4105376.79	3.27290	(05030324)
671820.54	4105393.10	3.23764	(05030324)	671802.06	4105409.40	3.20318	(05030324)
671783.59	4105425.70	3.18964	(05030324)	671740.48	4105442.47	3.17888	(05030324)
671715.84	4105442.93	3.19216c	(08122824)	671691.20	4105443.39	3.20528c	(08122824)
671666.57	4105443.85	3.19549c	(08122824)	671641.93	4105444.31	3.15232c	(08122824)
671617.30	4105444.77	3.11750c	(08122824)	671592.66	4105445.23	3.10158c	(08122824)
671568.02	4105445.69	3.09102c	(08122824)	671543.39	4105446.15	3.08000c	(08122824)
671518.75	4105446.61	3.06272c	(08122824)	671494.11	4105447.07	3.03759c	(08122824)
671469.48	4105447.53	3.00968c	(08122824)	671444.84	4105447.99	2.98166c	(08122824)
671420.20	4105448.45	2.96093c	(08122824)	671395.57	4105448.91	2.95849c	(08122824)
671370.93	4105449.37	2.96048c	(08122824)	671346.30	4105449.83	2.95102c	(08122824)
671321.66	4105450.30	2.93852c	(08122824)	671297.02	4105450.76	2.92045c	(08122824)
671272.39	4105451.22	2.89219c	(08122824)	671247.75	4105451.68	2.85251c	(08122824)
671223.11	4105452.14	2.80863c	(08122824)	671198.48	4105452.60	2.74776c	(08122824)
671173.84	4105453.06	2.65708c	(08122824)	671149.21	4105453.52	2.59572c	(08122824)
671124.57	4105453.98	2.54204c	(08122824)	671099.93	4105454.44	2.51505	(08113024)
671075.30	4105454.90	2.59047	(08113024)	671050.66	4105455.36	2.66767	(08113024)
671026.02	4105455.82	2.74618	(08113024)	671001.39	4105456.28	2.82492	(08113024)
670976.75	4105456.74	2.90296	(08113024)	670952.12	4105457.20	2.98032	(08113024)
670927.48	4105457.66	3.05551	(08113024)	670902.84	4105458.12	3.12764	(08113024)
670878.21	4105458.58	3.19549	(08113024)	670853.57	4105459.04	3.28334c	(04122424)
670828.93	4105459.50	3.49853c	(04122424)	670804.30	4105459.96	3.71087c	(04122424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
670779.66	4105460.42	3.91187c	(04122424)	670755.03	4105460.88	4.12305c	(04122424)
672541.05	4104757.21	3.05334c	(04111524)	672552.91	4104735.25	3.11815c	(04111524)
672564.78	4104713.29	3.18184c	(04111524)	672576.65	4104691.34	3.24525c	(04111524)
672588.52	4104669.38	3.30684c	(04111524)	672600.38	4104647.42	3.36760c	(04111524)
672612.25	4104625.47	3.42638c	(04111524)	672624.12	4104603.51	3.48333c	(04111524)
672635.98	4104581.55	3.53800c	(04111524)	672647.85	4104559.59	3.58976c	(04111524)
672659.72	4104537.64	3.63907c	(04111524)	672671.59	4104515.68	3.68531c	(04111524)
672683.45	4104493.72	3.72847c	(04111524)	672695.32	4104471.76	3.76827c	(04111524)
672707.19	4104449.81	3.80455c	(04111524)	672719.06	4104427.85	3.83742c	(04111524)
672730.92	4104405.89	3.86696c	(04111524)	672742.79	4104383.94	3.89246c	(04111524)
672754.66	4104361.98	3.93860c	(07020424)	672766.52	4104340.02	4.05170c	(07020424)
672778.39	4104318.06	4.16185c	(07020424)	672790.26	4104296.11	4.26789c	(07020424)
672802.13	4104274.15	4.36905c	(07020424)	672813.99	4104252.19	4.46513c	(07020424)
672825.86	4104230.24	4.55541c	(07020424)	672837.73	4104208.28	4.63993c	(07020424)
672849.60	4104186.32	4.71905c	(07020424)	672861.46	4104164.36	4.79273c	(07020424)
672873.33	4104142.41	4.86136c	(07020424)	672885.20	4104120.45	4.92570c	(07020424)
672897.07	4104098.49	5.03713c	(07011424)	672908.93	4104076.54	5.42219c	(07011424)
672920.80	4104054.58	5.80646c	(07011424)	672932.67	4104032.62	6.18557c	(07011424)
672944.53	4104010.66	6.55531c	(07011424)	672956.40	4103988.71	6.91176c	(07011424)
672968.27	4103966.75	7.25170c	(07011424)	672980.14	4103944.79	7.57226c	(07011424)
672992.00	4103922.83	7.87065c	(07011424)	673003.87	4103900.88	8.14572c	(07011424)
673015.74	4103878.92	8.40467c	(07011424)	673027.61	4103856.96	8.64383c	(07011424)
673039.47	4103835.01	8.85627c	(07011424)	673051.34	4103813.05	9.03808c	(07011424)
673063.21	4103791.09	9.19590c	(07011424)	673075.07	4103769.13	9.33262c	(07011424)
673086.94	4103747.18	9.44947c	(07011424)	673098.81	4103725.22	9.54850c	(07011424)
673110.68	4103703.26	9.63132c	(07011424)	673122.54	4103681.31	9.70089c	(07011424)
673134.41	4103659.35	9.76018c	(07011424)	673146.28	4103637.39	9.81055c	(07011424)
673158.15	4103615.43	9.85266c	(07011424)	673170.01	4103593.48	9.88769c	(07011424)
673181.88	4103571.52	9.91677c	(07011424)	673193.75	4103549.56	9.93981c	(07011424)
673205.62	4103527.61	9.95857c	(07011424)	673217.48	4103505.65	9.97381c	(07011424)
673229.35	4103483.69	9.98665c	(07011424)	673241.22	4103461.73	10.00734c	(07011424)
673253.08	4103439.78	10.11937c	(07011424)	673264.95	4103417.82	10.14998c	(07011424)
673276.82	4103395.86	10.16518c	(07011424)	673288.69	4103373.91	10.17375c	(07011424)
673300.55	4103351.95	10.17519c	(07011424)	673312.42	4103329.99	10.16630c	(07011424)
673324.29	4103308.03	10.14771c	(07011424)	673336.16	4103286.08	10.12877c	(07011424)
673348.02	4103264.12	10.10616c	(07011424)	673359.89	4103242.16	10.07146c	(07011424)
673371.76	4103220.20	10.04340c	(07011424)	673383.62	4103198.25	10.02896c	(07011424)
673395.49	4103176.29	10.03176c	(07011424)	673407.36	4103154.33	10.03640c	(07011424)
673419.23	4103132.38	10.03008c	(07011424)	673431.09	4103110.42	10.00788c	(07011424)
673442.96	4103088.46	9.99470c	(07011424)	673454.83	4103066.50	9.99368c	(07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
673466.70	4103044.55	10.01018c	(07011424)	673478.56	4103022.59	10.02868c	(07011424)
673490.43	4103000.63	10.02912c	(07011424)	673502.30	4102978.68	10.03941c	(07011424)
673514.17	4102956.72	10.09974c	(07011424)	673526.03	4102934.76	10.19119c	(07011424)
673537.90	4102912.80	10.26180c	(07011424)	673549.77	4102890.85	10.35415c	(07011424)
673561.63	4102868.89	10.40417c	(07011424)	673573.50	4102846.93	10.47394c	(07011424)
673585.37	4102824.98	10.52484c	(07011424)	673597.24	4102803.02	10.44716c	(07011424)
672962.44	4105011.25	2.53945c	(04111524)	672943.96	4105027.55	2.51889c	(04111524)
672925.49	4105043.86	2.49664c	(04111524)	672907.01	4105060.16	2.47277c	(04111524)
672888.54	4105076.47	2.44773c	(04111524)	672870.06	4105092.77	2.42104c	(04111524)
672851.59	4105109.08	2.39316c	(04111524)	672833.11	4105125.38	2.36442c	(04111524)
672814.64	4105141.69	2.33444c	(04111524)	672796.17	4105157.99	2.30343c	(04111524)
672777.69	4105174.30	2.33217	(05030324)	672759.22	4105190.60	2.37889	(05030324)
672740.74	4105206.91	2.42668	(05030324)	672722.27	4105223.21	2.47483	(05030324)
672703.79	4105239.52	2.52332	(05030324)	672685.32	4105255.82	2.57410	(05030324)
672666.84	4105272.13	2.63016	(05030324)	672648.37	4105288.43	2.68925	(05030324)
672629.89	4105304.74	2.74170	(05030324)	672611.42	4105321.04	2.79064	(05030324)
672592.94	4105337.34	2.83881	(05030324)	672574.47	4105353.65	2.88723	(05030324)
672556.00	4105369.95	2.93834	(05030324)	672537.52	4105386.26	2.99538	(05030324)
672519.05	4105402.56	3.06292	(05030324)	672500.57	4105418.87	3.13762	(05030324)
672482.10	4105435.17	3.22362	(05030324)	672463.62	4105451.48	3.31188	(05030324)
672445.15	4105467.78	3.35353	(05030324)	672426.67	4105484.09	3.38021	(05030324)
672408.20	4105500.39	3.38702	(05030324)	672389.72	4105516.70	3.36089	(05030324)
672371.25	4105533.00	3.35618	(05030324)	672352.77	4105549.31	3.35919	(05030324)
672334.30	4105565.61	3.37195	(05030324)	672315.83	4105581.92	3.38114	(05030324)
672297.35	4105598.22	3.38693	(05030324)	672278.88	4105614.53	3.38228	(05030324)
672260.40	4105630.83	3.37102	(05030324)	672241.93	4105647.14	3.36057	(05030324)
672223.45	4105663.44	3.32165	(05030324)	672204.98	4105679.75	3.19598	(05030324)
672186.50	4105696.05	3.10679	(05030324)	672168.03	4105712.36	3.03214	(05030324)
672149.55	4105728.66	2.97226	(05030324)	672131.08	4105744.96	2.92786	(05030324)
672112.61	4105761.27	2.89677	(05030324)	672094.13	4105777.57	2.87393	(05030324)
672075.66	4105793.88	2.86724	(05030324)	672057.18	4105810.18	2.86238	(05030324)
672038.71	4105826.49	2.86106	(05030324)	672020.23	4105842.79	2.86798	(05030324)
672001.76	4105859.10	2.87605	(05030324)	671983.28	4105875.40	2.88142	(05030324)
671964.81	4105891.71	2.87955	(05030324)	671921.70	4105908.47	2.81749	(05030324)
671897.06	4105908.93	2.76345	(05030324)	671872.42	4105909.39	2.72501	(05030324)
671847.79	4105909.85	2.68562	(05030324)	671823.15	4105910.31	2.64378	(05030324)
671798.52	4105910.77	2.59678	(05030324)	671773.88	4105911.23	2.54717	(05030324)
671749.24	4105911.70	2.49295	(05030324)	671724.61	4105912.16	2.43521	(05030324)
671699.97	4105912.62	2.37485	(05030324)	671675.33	4105913.08	2.36379c	(08122824)
671650.70	4105913.54	2.38099c	(08122824)	671626.06	4105914.00	2.40873c	(08122824)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671601.43	4105914.46	2.45480c	(08122824)	671576.79	4105914.92	2.48538c	(08122824)
671552.15	4105915.38	2.48592c	(08122824)	671527.52	4105915.84	2.44176c	(08122824)
671502.88	4105916.30	2.39991c	(08122824)	671478.24	4105916.76	2.37284c	(08122824)
671453.61	4105917.22	2.34628c	(08122824)	671428.97	4105917.68	2.31708c	(08122824)
671404.34	4105918.14	2.28831c	(08122824)	671379.70	4105918.60	2.26514c	(08122824)
671355.06	4105919.06	2.25568c	(08122824)	671330.43	4105919.52	2.25589c	(08122824)
671305.79	4105919.98	2.26667c	(08122824)	671281.15	4105920.44	2.28715c	(08122824)
671256.52	4105920.90	2.27958c	(08122824)	671231.88	4105921.36	2.24766c	(08122824)
671207.25	4105921.82	2.20381c	(08122824)	671182.61	4105922.28	2.16138c	(08122824)
671157.97	4105922.74	2.11259c	(08122824)	671133.34	4105923.20	2.05197c	(08122824)
671108.70	4105923.66	2.00858c	(07120424)	671084.06	4105924.12	2.02465c	(07120424)
671059.43	4105924.58	2.04082c	(07120424)	671034.79	4105925.04	2.04652c	(07120424)
671010.16	4105925.50	2.04313c	(07120424)	670985.52	4105925.96	2.06428	(08113024)
670960.88	4105926.43	2.12167	(08113024)	670936.25	4105926.89	2.18062	(08113024)
670911.61	4105927.35	2.24208	(08113024)	670886.97	4105927.81	2.30991	(08113024)
670862.34	4105928.27	2.37641	(08113024)	670837.70	4105928.73	2.43997	(08113024)
670813.07	4105929.19	2.50811	(08113024)	670788.43	4105929.65	2.57236	(08113024)
670763.79	4105930.11	2.72427c	(04122424)	670739.16	4105930.57	2.94532c	(04122424)
670714.52	4105931.03	3.15293c	(04122424)	670689.88	4105931.49	3.31570c	(04122424)
670665.25	4105931.95	3.42135c	(04122424)	670640.61	4105932.41	3.50171c	(04122424)
670615.98	4105932.87	3.57204c	(04122424)	670591.34	4105933.33	3.66265c	(04122424)
672980.91	4104994.94	2.55841c	(04111524)	672992.78	4104972.99	2.58791c	(04111524)
673004.65	4104951.03	2.61578c	(04111524)	673016.51	4104929.07	2.64278c	(04111524)
673028.38	4104907.12	2.66860c	(04111524)	673040.25	4104885.16	2.69302c	(04111524)
673052.12	4104863.20	2.71634c	(04111524)	673063.98	4104841.24	2.73780c	(04111524)
673075.85	4104819.29	2.75798c	(04111524)	673087.72	4104797.33	2.77650c	(04111524)
673099.58	4104775.37	2.79375c	(04111524)	673111.45	4104753.42	2.80916c	(04111524)
673123.32	4104731.46	2.82298c	(04111524)	673135.19	4104709.50	2.83579c	(04111524)
673147.05	4104687.54	2.84685c	(04111524)	673158.92	4104665.59	2.85646c	(04111524)
673170.79	4104643.63	2.86460c	(04111524)	673182.66	4104621.67	2.87159c	(04111524)
673194.52	4104599.71	2.93013c	(07020424)	673206.39	4104577.76	3.00206c	(07020424)
673218.26	4104555.80	3.07404c	(07020424)	673230.12	4104533.84	3.14595c	(07020424)
673241.99	4104511.89	3.21630c	(07020424)	673253.86	4104489.93	3.28542c	(07020424)
673265.73	4104467.97	3.35208c	(07020424)	673277.59	4104446.01	3.41609c	(07020424)
673289.46	4104424.06	3.47724c	(07020424)	673301.33	4104402.10	3.53483c	(07020424)
673313.20	4104380.14	3.58914c	(07020424)	673325.06	4104358.19	3.65383c	(05012024)
673336.93	4104336.23	3.74250c	(05012024)	673348.80	4104314.27	3.83103c	(05012024)
673360.67	4104292.31	3.92285c	(05012024)	673372.53	4104270.36	4.03527c	(05012024)
673384.40	4104248.40	4.13084c	(05012024)	673396.27	4104226.44	4.20730c	(05012024)
673408.13	4104204.49	4.28646c	(07011424)	673420.00	4104182.53	4.56897c	(07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
673431.87	4104160.57	4.86368c (07011424)	673443.74	4104138.61	5.16464c (07011424)
673455.60	4104116.66	5.46445c (07011424)	673467.47	4104094.70	5.75962c (07011424)
673479.34	4104072.74	6.02632c (07011424)	673491.21	4104050.79	6.27432c (07011424)
673503.07	4104028.83	6.52390c (07011424)	673514.94	4104006.87	6.76911c (07011424)
673526.81	4103984.91	6.99943c (07011424)	673538.67	4103962.96	7.21210c (07011424)
673550.54	4103941.00	7.41489c (07011424)	673562.41	4103919.04	7.60438c (07011424)
673574.28	4103897.08	7.77094c (07011424)	673586.14	4103875.13	7.92112c (07011424)
673598.01	4103853.17	8.05889c (07011424)	673609.88	4103831.21	8.18498c (07011424)
673621.75	4103809.26	8.29831c (07011424)	673633.61	4103787.30	8.39726c (07011424)
673645.48	4103765.34	8.48203c (07011424)	673657.35	4103743.38	8.55483c (07011424)
673669.22	4103721.43	8.61863c (07011424)	673681.08	4103699.47	8.67064c (07011424)
673692.95	4103677.51	8.70757c (07011424)	673704.82	4103655.56	8.73361c (07011424)
673716.68	4103633.60	8.75272c (07011424)	673728.55	4103611.64	8.77014c (07011424)
673740.42	4103589.68	8.78815c (07011424)	673752.29	4103567.73	8.81057c (07011424)
673764.15	4103545.77	8.83947c (07011424)	673776.02	4103523.81	8.86809c (07011424)
673787.89	4103501.86	8.87767c (07011424)	673799.76	4103479.90	8.87751c (07011424)
673811.62	4103457.94	8.86555c (07011424)	673823.49	4103435.98	8.83690c (07011424)
673835.36	4103414.03	8.79374c (07011424)	673847.22	4103392.07	8.75362c (07011424)
673859.09	4103370.11	8.74772c (07011424)	673870.96	4103348.15	8.76888c (07011424)
673882.83	4103326.20	8.76378c (07011424)	673894.69	4103304.24	8.74969c (07011424)
673906.56	4103282.28	8.72995c (07011424)	673918.43	4103260.33	8.70685c (07011424)
673930.30	4103238.37	8.69528c (07011424)	673942.16	4103216.41	8.69206c (07011424)
673954.03	4103194.45	8.68863c (07011424)	673965.90	4103172.50	8.67907c (07011424)
673977.77	4103150.54	8.66291c (07011424)	673989.63	4103128.58	8.64100c (07011424)
674001.50	4103106.63	8.61829c (07011424)	674013.37	4103084.67	8.59099c (07011424)
674025.23	4103062.71	8.56253c (07011424)	674037.10	4103040.75	8.52990c (07011424)
672288.44	4102067.26	14.47336c (07112424)	672266.11	4102056.56	14.57042c (07112424)
672243.78	4102045.86	14.61604c (07112424)	672221.44	4102035.16	14.60774c (07112424)
672199.11	4102024.46	14.51555c (07112424)	672176.77	4102013.76	14.29784c (07112424)
672154.44	4102003.06	15.41448c (04022224)	672132.11	4101992.36	16.99677c (04022224)
672109.77	4101981.65	18.71700c (04022224)	672087.44	4101970.95	20.60626c (04022224)
672065.11	4101960.25	22.62444c (04022224)	672042.77	4101949.55	24.54344c (04022224)
672020.44	4101938.85	26.32350c (04022224)	671998.11	4101928.15	28.05203c (04022224)
671975.77	4101917.45	29.30585c (04022224)	671953.44	4101906.74	29.84419c (04022224)
671931.10	4101896.04	28.50831c (04022224)	671908.77	4101885.34	26.28847c (04022224)
671886.44	4101874.64	24.09866c (04022224)	671864.10	4101863.94	21.70436c (04022224)
671841.77	4101853.24	18.75085c (04022224)	671819.44	4101842.54	16.17852c (04022224)
671797.10	4101831.84	11.74870c (04022224)	671774.77	4101821.13	8.45388c (08111524)
671752.43	4101810.43	7.81571c (08111524)	671730.10	4101799.73	7.85048c (08111524)
671707.77	4101789.03	7.62450c (08111524)	671685.43	4101778.33	7.37174c (08111524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671663.10	4101767.63	7.78918	(06020224)	671640.77	4101756.93	8.20378	(06020224)
671618.43	4101746.22	8.49541	(06020224)	672312.22	4102059.54	13.92528c	(07112424)
672276.91	4102034.02	13.79230c	(07112424)	672254.58	4102023.32	13.76213c	(07112424)
672232.24	4102012.62	13.67652c	(07112424)	672209.91	4102001.91	13.51517c	(07112424)
672187.58	4101991.21	13.92694c	(04022224)	672165.24	4101980.51	15.34481c	(04022224)
672142.91	4101969.81	16.84245c	(04022224)	672120.58	4101959.11	18.43870c	(04022224)
672098.24	4101948.41	20.04775c	(04022224)	672075.91	4101937.71	21.82193c	(04022224)
672053.58	4101927.00	23.56854c	(04022224)	672031.24	4101916.30	25.13891c	(04022224)
672008.91	4101905.60	26.67571c	(04022224)	671986.57	4101894.90	27.70821c	(04022224)
671964.24	4101884.20	27.93136c	(04022224)	671941.91	4101873.50	26.70630c	(04022224)
671919.57	4101862.80	24.70125c	(04022224)	671897.24	4101852.10	22.70711c	(04022224)
671874.91	4101841.39	21.00416c	(04022224)	671852.57	4101830.69	18.76838c	(04022224)
671830.24	4101819.99	15.85945c	(04022224)	671807.90	4101809.29	11.88366c	(04022224)
671785.57	4101798.59	8.44401c	(08111524)	671763.24	4101787.89	7.52774c	(08111524)
671740.90	4101777.19	7.72470c	(08111524)	671718.57	4101766.48	7.52658c	(08111524)
671696.24	4101755.78	7.29372c	(08111524)	671673.90	4101745.08	7.27215	(06020224)
671651.57	4101734.38	7.76781	(06020224)	672323.02	4102036.99	13.28386c	(07112424)
672347.18	4102086.24	13.88655c	(07112424)	672287.71	4102011.47	13.03335c	(07112424)
672265.38	4102000.77	12.94361c	(07112424)	672243.05	4101990.07	12.79427c	(07112424)
672220.71	4101979.37	12.54835c	(07112424)	672198.38	4101968.67	13.86664c	(04022224)
672176.05	4101957.97	15.23587c	(04022224)	672153.71	4101947.26	16.68180c	(04022224)
672131.38	4101936.56	18.17663c	(04022224)	672109.05	4101925.86	19.60803c	(04022224)
672086.71	4101915.16	21.04870c	(04022224)	672064.38	4101904.46	22.59725c	(04022224)
672042.04	4101893.76	24.00220c	(04022224)	672019.71	4101883.06	25.28546c	(04022224)
671997.38	4101872.35	26.15856c	(04022224)	671975.04	4101861.65	26.21492c	(04022224)
671952.71	4101850.95	25.02811c	(04022224)	671930.38	4101840.25	23.27502c	(04022224)
671908.04	4101829.55	21.77495c	(04022224)	671885.71	4101818.85	19.86361c	(04022224)
671863.38	4101808.15	17.85283c	(04022224)	671841.04	4101797.45	15.86029c	(04022224)
671818.71	4101786.74	11.76900c	(04022224)	671796.37	4101776.04	8.36931c	(08111524)
671774.04	4101765.34	7.44242c	(08111524)	671751.71	4101754.64	7.58539c	(08111524)
671729.37	4101743.94	7.41885c	(08111524)	671707.04	4101733.24	7.21074c	(08111524)
671684.71	4101722.54	6.97534c	(08111524)	671662.37	4101711.83	7.26283	(06020224)
671640.04	4101701.13	7.71671	(06020224)	672333.82	4102014.45	12.65524c	(07112424)
672359.77	4102044.08	13.00107c	(07112424)	672370.96	4102078.52	13.40104c	(07112424)
672298.52	4101988.93	12.30631c	(07112424)	672276.18	4101978.23	12.16232c	(07112424)
672253.85	4101967.52	11.98119c	(07112424)	672231.52	4101956.82	12.51729c	(04022224)
672209.18	4101946.12	13.81390c	(04022224)	672186.85	4101935.42	15.11824c	(04022224)
672164.52	4101924.72	16.47318c	(04022224)	672142.18	4101914.02	17.89701c	(04022224)
672119.85	4101903.32	19.21839c	(04022224)	672097.51	4101892.61	20.44661c	(04022224)
672075.18	4101881.91	21.69379c	(04022224)	672052.85	4101871.21	22.87976c	(04022224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672030.51	4101860.51	23.94927c	(04022224)	672008.18	4101849.81	24.68603c	(04022224)
671985.85	4101839.11	24.65622c	(04022224)	671963.51	4101828.41	23.58651c	(04022224)
671941.18	4101817.71	22.15116c	(04022224)	671918.85	4101807.00	20.55316c	(04022224)
671896.51	4101796.30	18.79101c	(04022224)	671874.18	4101785.60	16.97711c	(04022224)
671851.84	4101774.90	15.20416c	(04022224)	671829.51	4101764.20	11.60188c	(04022224)
671807.18	4101753.50	8.25539c	(08111524)	671784.84	4101742.80	7.22969c	(08111524)
671762.51	4101732.09	7.43174c	(08111524)	671740.18	4101721.39	7.29910c	(08111524)
671717.84	4101710.69	7.11793c	(08111524)	671695.51	4101699.99	6.90480c	(08111524)
671673.17	4101689.29	6.70587	(06020224)	672358.02	4101972.32	11.51089c	(07112424)
672373.59	4101990.10	11.77647c	(07112424)	672389.16	4102007.88	11.96075c	(07112424)
672404.73	4102025.67	12.09079c	(07112424)	672418.16	4102066.98	12.57194c	(07112424)
672416.02	4102090.52	12.92041c	(07112424)	672413.88	4102114.06	13.22815c	(07112424)
672411.74	4102137.59	13.48811c	(07112424)	672342.46	4101954.54	11.18716c	(07112424)
672320.12	4101943.84	11.00746c	(07112424)	672297.79	4101933.13	10.79190c	(07112424)
672275.46	4101922.43	11.40807c	(04022224)	672253.12	4101911.73	12.56389c	(04022224)
672230.79	4101901.03	13.74957c	(04022224)	672208.45	4101890.33	14.91598c	(04022224)
672186.12	4101879.63	16.12471c	(04022224)	672163.79	4101868.93	17.33413c	(04022224)
672141.45	4101858.23	18.43615c	(04022224)	672119.12	4101847.52	19.31890c	(04022224)
672096.79	4101836.82	20.42723c	(04022224)	672074.45	4101826.12	21.05215c	(04022224)
672052.12	4101815.42	21.51856c	(04022224)	672029.79	4101804.72	21.96446c	(04022224)
672007.45	4101794.02	21.96611c	(04022224)	671985.12	4101783.32	21.00903c	(04022224)
671962.78	4101772.61	19.76882c	(04022224)	671940.45	4101761.91	18.38394c	(04022224)
671918.12	4101751.21	16.78090c	(04022224)	671895.78	4101740.51	15.24600c	(04022224)
671873.45	4101729.81	13.93440c	(04022224)	671851.12	4101719.11	11.17552c	(04022224)
671828.78	4101708.41	7.83611c	(08111524)	671806.45	4101697.71	6.97589c	(07042024)
671784.12	4101687.00	7.08579c	(08111524)	671761.78	4101676.30	7.02067c	(08111524)
671739.45	4101665.60	6.89795c	(08111524)	671717.11	4101654.90	6.73333c	(08111524)
671694.78	4101644.20	6.53876c	(08111524)	671672.45	4101633.50	6.32179c	(08111524)
672378.89	4101926.38	10.41763c	(07112424)	672408.54	4101960.25	10.88758c	(07112424)
672423.37	4101977.19	11.06637c	(07112424)	672453.02	4102011.06	11.34416c	(07112424)
672465.81	4102050.41	11.78005c	(07112424)	672461.74	4102095.24	12.39006c	(07112424)
672459.70	4102117.66	12.65924c	(07112424)	672455.62	4102162.49	13.09114c	(07112424)
672364.06	4101909.45	10.10185c	(07112424)	672341.73	4101898.74	9.88888c	(07112424)
672319.40	4101888.04	10.49046c	(04022224)	672297.06	4101877.34	11.56095c	(04022224)
672274.73	4101866.64	12.68934c	(04022224)	672252.39	4101855.94	13.81801c	(04022224)
672230.06	4101845.24	15.02153c	(04022224)	672207.73	4101834.54	16.10018c	(04022224)
672185.39	4101823.84	17.15452c	(04022224)	672163.06	4101813.13	18.00835c	(04022224)
672140.73	4101802.43	18.49379c	(04022224)	672118.39	4101791.73	18.85323c	(04022224)
672096.06	4101781.03	19.35123c	(04022224)	672073.72	4101770.33	19.49288c	(04022224)
672051.39	4101759.63	19.60755c	(04022224)	672029.06	4101748.93	19.60449c	(04022224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672006.72	4101738.22	18.87042c (04022224)	671984.39	4101727.52	17.75716c (04022224)
671962.06	4101716.82	16.51536c (04022224)	671939.72	4101706.12	15.01696c (04022224)
671917.39	4101695.42	13.69551c (04022224)	671895.06	4101684.72	12.78853c (04022224)
671872.72	4101674.02	10.73329c (04022224)	671850.39	4101663.32	7.32818c (07042024)
671828.05	4101652.61	6.69144c (07042024)	671805.72	4101641.91	6.82426c (07042024)
671783.39	4101631.21	6.69698c (08111524)	671761.05	4101620.51	6.63294c (08111524)
671738.72	4101609.81	6.51962c (08111524)	671716.39	4101599.11	6.37039c (08111524)
671694.05	4101588.41	6.19309c (08111524)	672401.88	4101882.88	9.50549c (07112424)
672418.10	4101901.40	9.82659c (07112424)	672434.32	4101919.92	10.08982c (07112424)
672450.53	4101938.45	10.29232c (07112424)	672466.75	4101956.97	10.44608c (07112424)
672482.97	4101975.49	10.58425c (07112424)	672499.18	4101994.02	10.71770c (07112424)
672513.17	4102037.06	11.18121c (07112424)	672510.94	4102061.57	11.51203c (07112424)
672508.71	4102086.09	11.80689c (07112424)	672506.49	4102110.61	12.06535c (07112424)
672504.26	4102135.13	12.30272c (07112424)	672502.03	4102159.64	12.52139c (07112424)
672499.80	4102184.16	12.68341c (07112424)	672385.67	4101864.36	9.13598c (07112424)
672363.33	4101853.65	9.67257c (04022224)	672341.00	4101842.95	10.59915c (04022224)
672318.67	4101832.25	11.59157c (04022224)	672296.33	4101821.55	12.65665c (04022224)
672274.00	4101810.85	13.73771c (04022224)	672251.67	4101800.15	14.76853c (04022224)
672229.33	4101789.45	15.72760c (04022224)	672207.00	4101778.74	16.55568c (04022224)
672184.67	4101768.04	17.19334c (04022224)	672162.33	4101757.34	17.57911c (04022224)
672140.00	4101746.64	17.63778c (04022224)	672117.66	4101735.94	17.74866c (04022224)
672095.33	4101725.24	17.77531c (04022224)	672073.00	4101714.54	17.63548c (04022224)
672050.66	4101703.84	17.45101c (04022224)	672028.33	4101693.13	16.93924c (04022224)
672006.00	4101682.43	16.01428c (04022224)	671983.66	4101671.73	14.83952c (04022224)
671961.33	4101661.03	13.60621c (04022224)	671938.99	4101650.33	12.56367c (04022224)
671916.66	4101639.63	11.79805c (04022224)	671894.33	4101628.93	10.25777c (04022224)
671871.99	4101618.22	7.14754c (04022224)	671849.66	4101607.52	6.42707c (07042024)
671827.33	4101596.82	6.56235c (07042024)	671804.99	4101586.12	6.50053c (07042024)
671782.66	4101575.42	6.33069c (08111524)	671760.33	4101564.72	6.26626c (08111524)
671737.99	4101554.02	6.16243c (08111524)	671715.66	4101543.32	6.02667c (08111524)
672437.40	4101807.17	8.31794c (04022224)	672453.13	4101825.13	8.38140c (07112424)
672468.85	4101843.09	8.66658c (07112424)	672484.58	4101861.05	8.92321c (07112424)
672500.30	4101879.01	9.14713c (07112424)	672516.03	4101896.97	9.34106c (07112424)
672531.75	4101914.94	9.48580c (07112424)	672547.48	4101932.90	9.60638c (07112424)
672563.20	4101950.86	9.72651c (07112424)	672578.93	4101968.82	9.84922c (07112424)
672592.49	4102010.56	10.30533c (07112424)	672590.33	4102034.33	10.65627c (07112424)
672588.17	4102058.11	10.99713c (07112424)	672586.01	4102081.88	11.37199c (07112424)
672583.85	4102105.65	11.80119c (07012224)	672581.69	4102129.43	12.15640c (04121124)
672579.53	4102153.20	12.56905c (04121124)	672577.37	4102176.98	12.93957c (04121124)
672575.21	4102200.75	12.96575c (04121124)	672573.04	4102224.53	12.52438c (07112424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672421.68	4101789.20	9.05909c (04022224)	672399.34	4101778.50	9.89338c (04022224)
672377.01	4101767.80	10.75891c (04022224)	672354.68	4101757.10	11.64425c (04022224)
672332.34	4101746.40	12.53036c (04022224)	672310.01	4101735.70	13.38766c (04022224)
672287.68	4101725.00	14.18426c (04022224)	672265.34	4101714.29	14.88398c (04022224)
672243.01	4101703.59	15.45602c (04022224)	672220.67	4101692.89	15.88119c (04022224)
672198.34	4101682.19	16.19373c (04022224)	672176.01	4101671.49	16.35776c (04022224)
672153.67	4101660.79	15.79280c (04022224)	672131.34	4101650.09	15.84711c (04022224)
672109.01	4101639.38	15.37748c (04022224)	672086.67	4101628.68	14.80415c (04022224)
672064.34	4101617.98	14.12186c (04022224)	672042.01	4101607.28	13.31357c (04022224)
672019.67	4101596.58	12.42563c (04022224)	671997.34	4101585.88	11.58157c (04022224)
671975.00	4101575.18	10.79844c (04022224)	671952.67	4101564.48	10.28337c (04022224)
671930.34	4101553.77	9.70462c (04022224)	671908.00	4101543.07	7.07648c (04022224)
671885.67	4101532.37	5.95174c (07042024)	671863.34	4101521.67	6.07636c (07042024)
671841.00	4101510.97	6.14158c (07042024)	671818.67	4101500.27	6.07970c (07042024)
671796.34	4101489.57	5.92475c (07042024)	671774.00	4101478.86	5.74922c (08111524)
671751.67	4101468.16	5.67612c (08111524)	672473.13	4101731.69	8.60262c (04022224)
672488.58	4101749.33	7.92731c (04022224)	672504.02	4101766.97	7.47686c (07112424)
672519.46	4101784.62	7.70844c (07112424)	672534.91	4101802.26	7.90801c (07112424)
672550.35	4101819.90	8.09663c (07112424)	672565.80	4101837.54	8.27044c (07112424)
672581.24	4101855.18	8.43087c (07112424)	672596.68	4101872.82	8.57208c (07112424)
672612.13	4101890.46	8.71582c (07112424)	672627.57	4101908.10	8.85562c (07112424)
672643.02	4101925.74	8.98035c (07112424)	672658.46	4101943.38	9.08004c (07112424)
672671.78	4101984.37	9.36191c (07112424)	672669.66	4102007.72	9.59420c (07112424)
672667.54	4102031.07	9.83550c (07112424)	672665.42	4102054.42	10.08831c (07112424)
672663.29	4102077.77	10.49019c (07012224)	672661.17	4102101.12	10.93812c (07012224)
672659.05	4102124.47	11.23435c (04121124)	672656.93	4102147.82	11.69277c (04121124)
672654.81	4102171.17	12.19110c (04121124)	672652.68	4102194.52	12.56633c (04121124)
672650.56	4102217.87	13.02961c (04121124)	672648.44	4102241.22	13.22145c (04121124)
672646.32	4102264.57	13.62574c (08121024)	672457.69	4101714.05	9.28061c (04022224)
672435.35	4101703.35	10.02902c (04022224)	672413.02	4101692.65	10.78994c (04022224)
672390.69	4101681.95	11.54792c (04022224)	672368.35	4101671.25	12.27525c (04022224)
672346.02	4101660.55	12.94692c (04022224)	672323.69	4101649.84	13.53262c (04022224)
672301.35	4101639.14	14.01810c (04022224)	672279.02	4101628.44	14.38062c (04022224)
672256.68	4101617.74	14.59108c (04022224)	672234.35	4101607.04	14.63618c (04022224)
672212.02	4101596.34	14.47271c (04022224)	672189.68	4101585.64	14.17965c (04022224)
672167.35	4101574.93	13.83998c (04022224)	672145.02	4101564.23	13.42666c (04022224)
672122.68	4101553.53	12.91453c (04022224)	672100.35	4101542.83	12.34025c (04022224)
672078.01	4101532.13	11.68174c (04022224)	672055.68	4101521.43	10.97560c (04022224)
672033.35	4101510.73	10.28800c (04022224)	672011.01	4101500.03	9.67127c (04022224)
671988.68	4101489.32	9.12549c (04022224)	671966.35	4101478.62	8.69003c (04022224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
671944.01	4101467.92	6.79512c	(04022224)	671921.68	4101457.22	5.42619c	(07042024)
671899.35	4101446.52	5.51992c	(07042024)	671877.01	4101435.82	5.71368c	(07042024)
671854.68	4101425.12	5.75553c	(07042024)	671832.34	4101414.41	5.70085c	(07042024)
671810.01	4101403.71	5.56429c	(07042024)	671787.68	4101393.01	5.36394c	(07042024)
672509.91	4101657.42	8.87293c	(04022224)	672526.13	4101675.95	8.15471c	(04022224)
672542.35	4101694.47	7.45673c	(04022224)	672558.56	4101712.99	7.15682	(07012724)
672574.78	4101731.52	6.96310c	(07112424)	672590.99	4101750.04	7.15728c	(07112424)
672607.21	4101768.56	7.32576c	(07112424)	672623.43	4101787.08	7.47475c	(07112424)
672639.64	4101805.61	7.61977c	(07112424)	672655.86	4101824.13	7.77661c	(07112424)
672672.08	4101842.65	7.94169c	(07112424)	672688.29	4101861.18	8.15240c	(07112424)
672704.51	4101879.70	8.35921c	(07112424)	672720.72	4101898.22	8.48885c	(07112424)
672736.94	4101916.74	8.57218c	(07112424)	672750.93	4101959.79	8.72953c	(07112424)
672748.70	4101984.30	8.85545c	(07112424)	672746.47	4102008.82	9.02516c	(07112424)
672744.24	4102033.34	9.32746c	(07012224)	672742.02	4102057.85	9.64153c	(07012224)
672739.79	4102082.37	10.06261c	(07012224)	672737.56	4102106.89	10.44933c	(07012224)
672735.33	4102131.41	11.10275c	(04121124)	672733.10	4102155.92	11.67865c	(04121124)
672730.87	4102180.44	12.20312c	(04121124)	672728.65	4102204.96	12.46345c	(04121124)
672726.42	4102229.48	12.58578c	(04121124)	672724.19	4102253.99	12.62656c	(04121124)
672721.96	4102278.51	13.07511c	(08121024)	672719.73	4102303.03	13.48955c	(08121024)
672493.70	4101638.90	9.54966c	(04022224)	672471.36	4101628.20	10.25954c	(04022224)
672449.03	4101617.50	10.93418c	(04022224)	672426.70	4101606.80	11.50632c	(04022224)
672404.36	4101596.09	12.00841c	(04022224)	672382.03	4101585.39	12.46560c	(04022224)
672359.69	4101574.69	12.85647c	(04022224)	672337.36	4101563.99	13.16377c	(04022224)
672315.03	4101553.29	13.37366c	(04022224)	672292.69	4101542.59	13.47176c	(04022224)
672270.36	4101531.89	13.43736c	(04022224)	672248.03	4101521.19	13.28658c	(04022224)
672225.69	4101510.48	12.96716c	(04022224)	672203.36	4101499.78	12.51464c	(04022224)
672181.03	4101489.08	11.91976c	(04022224)	672158.69	4101478.38	11.49717c	(04022224)
672136.36	4101467.68	11.04518c	(04022224)	672114.02	4101456.98	10.48304c	(04022224)
672091.69	4101446.28	9.90459c	(04022224)	672069.36	4101435.57	9.33392c	(04022224)
672047.02	4101424.87	8.77542c	(04022224)	672024.69	4101414.17	8.25688c	(04022224)
672002.36	4101403.47	7.80094c	(04022224)	671980.02	4101392.77	6.52771c	(04022224)
671957.69	4101382.07	5.02833c	(05010524)	671935.35	4101371.37	4.95270c	(07042024)
671913.02	4101360.67	5.24567c	(07042024)	671890.69	4101349.96	5.37304c	(07042024)
671868.35	4101339.26	5.40759c	(07042024)	671846.02	4101328.56	5.35915c	(07042024)
671823.69	4101317.86	5.23903c	(07042024)	672617.94	4101431.97	8.62325c	(04022224)
672634.16	4101450.49	8.20228c	(04022224)	672650.37	4101469.01	7.75125c	(04022224)
672666.59	4101487.54	7.39976c	(04022224)	672682.81	4101506.06	6.88075c	(04022224)
672699.02	4101524.58	6.67052	(07012724)	672715.24	4101543.11	6.57774	(07012724)
672731.46	4101561.63	6.40106	(07012724)	672747.67	4101580.15	6.42124	(07012724)
672763.89	4101598.68	6.48135	(07012724)	672780.10	4101617.20	6.21204c	(04122524)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672796.32	4101635.72	6.42552c	(04122524)	672812.54	4101654.24	6.59355c	(04122524)
672828.75	4101672.77	6.70798c	(08010924)	672844.97	4101691.29	6.86139c	(08010924)
672861.19	4101709.81	6.95559c	(08010924)	672877.40	4101728.34	7.02094c	(08010924)
672893.62	4101746.86	7.06951c	(08010924)	672909.83	4101765.38	7.08535c	(08010924)
672926.05	4101783.90	7.09187c	(08010924)	672942.27	4101802.43	7.08174c	(08010924)
672958.48	4101820.95	7.04716c	(08010924)	672974.70	4101839.47	6.98319c	(08010924)
672988.69	4101882.51	7.26656c	(05121524)	672986.46	4101907.03	7.47694c	(05121524)
672984.23	4101931.55	7.67588c	(05121524)	672982.00	4101956.07	7.85542c	(05121524)
672979.77	4101980.58	8.02922c	(05121524)	672977.55	4102005.10	8.18684c	(05121524)
672975.32	4102029.62	8.31307c	(05121524)	672973.09	4102054.14	8.42536c	(05121524)
672970.86	4102078.65	8.54765c	(04121124)	672968.63	4102103.17	8.75870c	(04121124)
672966.41	4102127.69	8.93202c	(04121124)	672964.18	4102152.21	9.05714c	(04121124)
672961.95	4102176.72	9.13402c	(04121124)	672959.72	4102201.24	9.16416c	(04121124)
672957.49	4102225.76	9.16694c	(04121124)	672955.26	4102250.27	9.17650c	(04121124)
672953.04	4102274.79	9.24691c	(04121124)	672950.81	4102299.31	9.43625c	(08121024)
672948.58	4102323.83	9.98674c	(08121024)	672946.35	4102348.34	10.41643c	(08121024)
672944.12	4102372.86	10.64090c	(08121024)	672941.89	4102397.38	10.99488c	(07011424)
672939.67	4102421.90	11.18479c	(07011424)	672601.72	4101413.45	9.00615c	(04022224)
672579.39	4101402.74	9.41777c	(04022224)	672557.06	4101392.04	9.79196c	(04022224)
672534.72	4101381.34	10.12441c	(04022224)	672512.39	4101370.64	10.40050c	(04022224)
672490.06	4101359.94	10.61373c	(04022224)	672467.72	4101349.24	10.75335c	(04022224)
672445.39	4101338.54	10.81380c	(04022224)	672423.06	4101327.83	10.78811c	(04022224)
672400.72	4101317.13	10.67298c	(04022224)	672378.39	4101306.43	10.47590c	(04022224)
672356.05	4101295.73	10.22179c	(04022224)	672333.72	4101285.03	9.89816c	(04022224)
672311.39	4101274.33	9.51397c	(04022224)	672289.05	4101263.63	9.08476c	(04022224)
672266.72	4101252.93	8.62497c	(04022224)	672244.39	4101242.22	8.15338c	(04022224)
672222.05	4101231.52	7.66040c	(04022224)	672199.72	4101220.82	7.15807c	(04022224)
672177.39	4101210.12	6.81152c	(04022224)	672155.05	4101199.42	6.46943c	(04022224)
672132.72	4101188.72	6.12094c	(04022224)	672110.38	4101178.02	5.31472c	(04022224)
672088.05	4101167.31	4.82291c	(04022224)	672065.72	4101156.61	4.43391c	(05010524)
672043.38	4101145.91	4.06804c	(05010524)	672021.05	4101135.21	3.78249c	(07042024)
671998.72	4101124.51	4.08259c	(07042024)	671976.38	4101113.81	4.28946c	(07042024)
671954.05	4101103.11	4.43481c	(07042024)	671931.71	4101092.41	4.51764c	(07042024)
672725.97	4101206.51	7.45384c	(04022224)	672742.19	4101225.04	7.94595c	(04022224)
672758.40	4101243.56	7.97906c	(04022224)	672774.62	4101262.08	7.72651c	(04022224)
672790.83	4101280.61	7.26309c	(04022224)	672807.05	4101299.13	6.74288c	(04022224)
672823.27	4101317.65	6.22995c	(04022224)	672839.48	4101336.17	5.71881c	(04022224)
672855.70	4101354.70	5.47227	(07012724)	672871.92	4101373.22	5.59649	(07012724)
672888.13	4101391.74	5.50678	(07012724)	672904.35	4101410.27	5.17264	(07012724)
672920.56	4101428.79	4.74336	(07012724)	672936.78	4101447.31	4.35847c	(08120624)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672953.00	4101465.83	4.24475c (04122524)	672969.21	4101484.36	4.54688c (04122524)
672985.43	4101502.88	4.94959c (04122524)	673001.65	4101521.40	5.37325c (04122524)
673017.86	4101539.93	5.82899c (04122524)	673034.08	4101558.45	6.05438c (04122524)
673050.30	4101576.97	6.00449c (08010924)	673066.51	4101595.50	6.17002c (08010924)
673082.73	4101614.02	6.25214c (08010924)	673098.94	4101632.54	6.34171c (08010924)
673115.16	4101651.06	6.41403c (08010924)	673131.38	4101669.59	6.46441c (08010924)
673147.59	4101688.11	6.50147c (08010924)	673163.81	4101706.63	6.50350c (08010924)
673180.03	4101725.16	6.47450c (08010924)	673196.24	4101743.68	6.43006c (08010924)
673212.46	4101762.20	6.36788c (08010924)	673226.45	4101805.24	6.34064c (05121524)
673224.22	4101829.76	6.52403c (05121524)	673221.99	4101854.28	6.71966c (05121524)
673219.76	4101878.79	6.91532c (05121524)	673217.53	4101903.31	7.10490c (05121524)
673215.31	4101927.83	7.28305c (05121524)	673213.08	4101952.35	7.40847c (05121524)
673210.85	4101976.86	7.52407c (05121524)	673208.62	4102001.38	7.70947c (05121524)
673206.39	4102025.90	7.79801c (05121524)	673204.16	4102050.42	7.79086c (05121524)
673201.94	4102074.93	7.73520c (05121524)	673199.71	4102099.45	7.70093c (05121524)
673197.48	4102123.97	7.79697c (05121524)	673195.25	4102148.49	8.24899c (04121124)
673193.02	4102173.00	8.87702c (04121124)	673190.79	4102197.52	9.05975c (04121124)
673188.57	4102222.04	9.07718c (04121124)	673186.34	4102246.56	8.98031c (04121124)
673184.11	4102271.07	8.83279c (04121124)	673181.88	4102295.59	8.73698c (04121124)
673179.65	4102320.11	8.83218c (08121024)	673177.42	4102344.63	9.02488c (08121024)
673175.20	4102369.14	9.14152c (08121024)	673172.97	4102393.66	9.21408c (08121024)
673170.74	4102418.18	9.17494c (08121024)	673168.51	4102442.70	9.33397c (07011424)
673166.28	4102467.21	9.70868c (07011424)	673164.06	4102491.73	10.03029c (07011424)
673161.83	4102516.25	10.32712c (07011424)	673159.60	4102540.76	10.59749c (07011424)
672709.75	4101187.99	7.49251c (04022224)	672687.42	4101177.29	7.74746c (04022224)
672665.09	4101166.59	7.90110c (04022224)	672642.75	4101155.89	7.77839c (04022224)
672620.42	4101145.19	7.56571c (04022224)	672598.08	4101134.48	7.52491c (04022224)
672575.75	4101123.78	7.83651c (04022224)	672553.42	4101113.08	8.25588c (04022224)
672531.08	4101102.38	8.66016c (04022224)	672508.75	4101091.68	9.03575c (04022224)
672486.42	4101080.98	8.72335c (04022224)	672464.08	4101070.28	8.24309c (04022224)
672441.75	4101059.57	7.77846c (04022224)	672419.42	4101048.87	7.32730c (04022224)
672397.08	4101038.17	6.99254c (04022224)	672374.75	4101027.47	6.64627c (04022224)
672352.41	4101016.77	6.29637c (04022224)	672330.08	4101006.07	5.95034c (04022224)
672307.75	4100995.37	5.61989c (04022224)	672285.41	4100984.67	5.30825c (04022224)
672263.08	4100973.96	5.01792c (04022224)	672240.75	4100963.26	4.75040c (04022224)
672218.41	4100952.56	4.52742c (04022224)	672196.08	4100941.86	4.32882c (04022224)
672173.75	4100931.16	3.68877c (04050624)	672151.41	4100920.46	3.59105c (05010524)
672129.08	4100909.76	3.46552c (05010524)	672106.74	4100899.05	3.24901c (05010524)
672084.41	4100888.35	3.16814c (07042024)	672062.08	4100877.65	3.41093c (07042024)
672039.74	4100866.95	3.59579c (07042024)	672942.03	4100755.60	6.94464c (04022224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672958.24	4100774.13	6.59471c	(04022224)	672974.46	4100792.65	6.12943c	(04022224)
672990.67	4100811.17	5.62543c	(04022224)	673006.89	4100829.70	4.87662c	(04022224)
673023.11	4100848.22	4.06995c	(04022224)	673039.32	4100866.74	4.03595c	(04022224)
673055.54	4100885.26	4.33591c	(04022224)	673071.76	4100903.79	4.76650c	(04022224)
673087.97	4100922.31	4.81701c	(04022224)	673104.19	4100940.83	4.80011c	(04022224)
673120.41	4100959.36	4.51836c	(04022224)	673136.62	4100977.88	4.09500c	(04022224)
673152.84	4100996.40	3.67968c	(04022224)	673169.05	4101014.93	3.44488c	(08041324)
673185.27	4101033.45	3.33476c	(08041324)	673201.49	4101051.97	3.28510c	(08120624)
673217.70	4101070.49	3.33276c	(08120624)	673233.92	4101089.02	3.32931c	(08120624)
673250.14	4101107.54	3.31605c	(08120624)	673266.35	4101126.06	3.29518c	(08120624)
673282.57	4101144.59	3.09218c	(07012224)	673298.78	4101163.11	2.97641c	(07012224)
673315.00	4101181.63	2.11933c	(08120624)	673331.22	4101200.15	1.87931c	(07012224)
673347.43	4101218.68	1.76887c	(07012224)	673363.65	4101237.20	1.83072c	(07012224)
673379.87	4101255.72	2.02526c	(07012224)	673396.08	4101274.25	2.27414c	(07012224)
673412.30	4101292.77	3.49007c	(07012224)	673428.51	4101311.29	3.67886c	(07012224)
673444.73	4101329.82	3.78838c	(07012224)	673460.95	4101348.34	3.81711c	(07012224)
673477.16	4101366.86	3.72999c	(07012224)	673493.38	4101385.38	3.58006c	(07012224)
673509.60	4101403.91	3.45993c	(07012224)	673525.81	4101422.43	3.50266c	(04122524)
673542.03	4101440.95	3.88984c	(04122524)	673558.25	4101459.48	4.18711c	(04122524)
673574.46	4101478.00	4.51205c	(08010924)	673590.68	4101496.52	4.86720c	(08010924)
673606.89	4101515.05	5.10975c	(08010924)	673623.11	4101533.57	5.25013c	(08010924)
673639.33	4101552.09	5.33153c	(08010924)	673655.54	4101570.61	5.33704c	(08010924)
673671.76	4101589.14	5.27511c	(08010924)	673687.98	4101607.66	5.18894c	(08010924)
673701.96	4101650.70	5.02939c	(08010924)	673699.74	4101675.22	5.09938c	(05121524)
673697.51	4101699.74	5.22701c	(05121524)	673695.28	4101724.25	5.32816c	(05121524)
673693.05	4101748.77	5.37480c	(05121524)	673690.82	4101773.29	5.46323c	(05121524)
673688.59	4101797.80	5.59177c	(05121524)	673686.37	4101822.32	5.73068c	(05121524)
673684.14	4101846.84	5.82793c	(05121524)	673681.91	4101871.36	5.90039c	(05121524)
673679.68	4101895.87	5.92220c	(05121524)	673677.45	4101920.39	6.01030c	(05121524)
673675.22	4101944.91	6.06558c	(05121524)	673673.00	4101969.43	6.11549c	(05121524)
673670.77	4101993.94	6.16111c	(05121524)	673668.54	4102018.46	6.31235c	(04121124)
673666.31	4102042.98	6.43892c	(04121124)	673664.08	4102067.50	6.51937c	(04121124)
673661.86	4102092.01	6.56274c	(04121124)	673659.63	4102116.53	6.58569c	(04121124)
673657.40	4102141.05	6.59716c	(04121124)	673655.17	4102165.57	6.56561c	(04121124)
673652.94	4102190.08	6.55478c	(04121124)	673650.71	4102214.60	6.58347c	(04121124)
673648.49	4102239.12	6.61648c	(04121124)	673646.26	4102263.64	6.63260c	(04121124)
673644.03	4102288.15	6.63379c	(04121124)	673641.80	4102312.67	6.61565c	(04121124)
673639.57	4102337.19	6.57892c	(04121124)	673637.34	4102361.70	6.78619c	(08121024)
673635.12	4102386.22	7.07836c	(08121024)	673632.89	4102410.74	7.45364c	(08121024)
673630.66	4102435.26	7.76846c	(08121024)	673628.43	4102459.77	8.03611c	(08121024)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
673626.20	4102484.29	8.26997c (08121024)	673623.98	4102508.81	8.48946c (08121024)
673621.75	4102533.33	9.00151c (07011424)	673619.52	4102557.84	9.36242c (07011424)
673617.29	4102582.36	9.63814c (07011424)	673615.06	4102606.88	9.85093c (07011424)
673612.83	4102631.40	9.98079c (07011424)	673610.61	4102655.91	10.12497c (07011424)
673608.38	4102680.43	10.25780c (07011424)	673606.15	4102704.95	10.36776c (07011424)
673603.92	4102729.47	10.44132c (07011424)	673601.69	4102753.98	10.43888c (07011424)
673599.46	4102778.50	10.41834c (07011424)	672925.81	4100737.08	7.17085c (04022224)
672903.48	4100726.38	7.27366c (04022224)	672881.14	4100715.68	7.29045c (04022224)
672858.81	4100704.98	7.16904c (04022224)	672836.47	4100694.28	6.93926c (04022224)
672814.14	4100683.57	6.57815c (04022224)	672791.81	4100672.87	6.03285c (04022224)
672769.47	4100662.17	5.35296c (04022224)	672747.14	4100651.47	4.46891c (04022224)
672724.81	4100640.77	3.67536c (04022224)	672702.47	4100630.07	3.12457c (04022224)
672680.14	4100619.37	2.77201c (04022224)	672657.81	4100608.66	2.85652c (04050624)
672635.47	4100597.96	2.93343c (04050624)	672613.14	4100587.26	2.86022c (04050624)
672590.80	4100576.56	2.72024c (04050624)	672568.47	4100565.86	2.58372c (04050624)
672546.14	4100555.16	2.46752c (04050624)	672523.80	4100544.46	2.40802c (04050624)
672501.47	4100533.76	2.42305c (04050624)	672479.14	4100523.05	2.52161c (04050624)
672456.80	4100512.35	2.57519c (04050624)	672434.47	4100501.65	2.60411c (04050624)
672412.14	4100490.95	2.65758c (04050624)	672389.80	4100480.25	2.83607c (04050624)
672367.47	4100469.55	2.82583c (04050624)	672345.13	4100458.85	2.71726c (04050624)
672322.80	4100448.14	2.60392c (05010524)	672300.47	4100437.44	2.53000c (05010524)
672278.13	4100426.74	2.44080c (05010524)	672255.80	4100416.04	2.33719c (05010524)
673158.08	4100304.69	3.75548c (04022224)	673174.30	4100323.22	4.32960c (04022224)
673190.52	4100341.74	3.96156c (04022224)	673206.73	4100360.26	3.22555c (04022224)
673222.95	4100378.79	2.54901c (04022224)	673239.16	4100397.31	1.89548c (04022224)
673255.38	4100415.83	1.52628c (08041324)	673271.60	4100434.35	1.56570c (08041324)
673287.81	4100452.88	1.59964c (08041324)	673304.03	4100471.40	1.90249c (04022224)
673320.25	4100489.92	2.43865c (04022224)	673336.46	4100508.45	3.19352c (04022224)
673352.68	4100526.97	3.53314c (04022224)	673368.89	4100545.49	3.61926c (04022224)
673385.11	4100564.02	3.53279c (04022224)	673401.33	4100582.54	3.19581c (04022224)
673417.54	4100601.06	2.66719c (04022224)	673433.76	4100619.58	2.19824c (04022224)
673449.98	4100638.11	1.68924c (04022224)	673466.19	4100656.63	1.42659c (08041324)
673482.41	4100675.15	1.34190c (08041324)	673498.62	4100693.68	1.24896c (08041324)
673514.84	4100712.20	1.08651c (08041324)	673531.06	4100730.72	0.96367c (08041324)
673547.27	4100749.25	0.96503c (08120524)	673563.49	4100767.77	0.97054c (08120524)
673579.71	4100786.29	0.97037c (08120524)	673595.92	4100804.81	0.96489c (08120524)
673612.14	4100823.34	0.95457c (08120524)	673628.36	4100841.86	0.97632c (07012224)
673644.57	4100860.38	1.07378c (07012224)	673660.79	4100878.91	1.18039c (07012224)
673677.00	4100897.43	1.31322c (07012224)	673693.22	4100915.95	1.46088c (07012224)
673709.44	4100934.47	1.59718c (07012224)	673725.65	4100953.00	1.77345c (07012224)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
673741.87	4100971.52	1.86827c (07012224)	673758.09	4100990.04	1.83899c (07012224)
673774.30	4101008.57	1.75379c (07012224)	673790.52	4101027.09	1.66257c (07012224)
673806.73	4101045.61	1.56748c (07012224)	673822.95	4101064.14	1.41489c (07012224)
673839.17	4101082.66	1.31957c (07012224)	673855.38	4101101.18	1.24289c (07012224)
673871.60	4101119.70	1.21663c (05012324)	673887.82	4101138.23	1.22152c (05012324)
673904.03	4101156.75	1.23782c (05012324)	673920.25	4101175.27	1.25477c (05012324)
673936.46	4101193.80	1.29951 (06121524)	673952.68	4101212.32	1.25998 (06121524)
673968.90	4101230.84	1.23832c (05012324)	673985.11	4101249.36	1.20752c (05012324)
674001.33	4101267.89	1.17950c (05012324)	674017.55	4101286.41	1.16130c (05012324)
674033.76	4101304.93	1.15050c (05012324)	674049.98	4101323.46	1.14944c (05012324)
674066.19	4101341.98	1.21200 (08022924)	674082.41	4101360.50	1.27488 (08022924)
674098.63	4101379.03	1.34057 (08022924)	674114.84	4101397.55	1.66462c (05121524)
674131.06	4101416.07	2.13478c (05121524)	674147.28	4101434.59	2.61913c (05121524)
674163.49	4101453.12	2.88798c (05121524)	674177.48	4101496.16	3.10582c (05121524)
674175.25	4101520.68	3.33434c (05121524)	674173.02	4101545.19	3.68286c (05121524)
674170.80	4101569.71	3.87818c (05121524)	674168.57	4101594.23	3.99043c (05121524)
674166.34	4101618.74	4.07816c (05121524)	674164.11	4101643.26	4.22200c (05121524)
674161.88	4101667.78	4.38655c (05121524)	674159.65	4101692.30	4.56006c (05121524)
674157.43	4101716.81	4.68002c (05121524)	674155.20	4101741.33	4.75148c (05121524)
674152.97	4101765.85	4.80289c (05121524)	674150.74	4101790.37	4.84810c (05121524)
674148.51	4101814.88	4.88872c (05121524)	674146.29	4101839.40	4.92295c (05121524)
674144.06	4101863.92	4.93335c (05121524)	674141.83	4101888.44	4.95367c (05121524)
674139.60	4101912.95	4.94852c (05121524)	674137.37	4101937.47	4.93194c (05121524)
674135.14	4101961.99	4.98293c (04121124)	674132.92	4101986.51	5.03480c (04121124)
674130.69	4102011.02	5.09267c (04121124)	674128.46	4102035.54	5.14414c (04121124)
674126.23	4102060.06	5.18523c (04121124)	674124.00	4102084.58	5.22698c (04121124)
674121.77	4102109.09	5.25978c (04121124)	674119.55	4102133.61	5.28070c (04121124)
674117.32	4102158.13	5.29307c (04121124)	674115.09	4102182.65	5.30306c (04121124)
674112.86	4102207.16	5.30768c (04121124)	674110.63	4102231.68	5.30123c (04121124)
674108.41	4102256.20	5.28637c (04121124)	674106.18	4102280.71	5.26924c (04121124)
674103.95	4102305.23	5.25454c (04121124)	674101.72	4102329.75	5.23461c (04121124)
674099.49	4102354.27	5.20828c (04121124)	674097.26	4102378.78	5.24612c (08121024)
674095.04	4102403.30	5.38440c (08121024)	674092.81	4102427.82	5.51587c (08121024)
674090.58	4102452.34	5.63863c (08121024)	674088.35	4102476.85	5.75254c (08121024)
674086.12	4102501.37	5.85469c (08121024)	674083.89	4102525.89	5.94416c (08121024)
674081.67	4102550.41	6.01561c (08121024)	674079.44	4102574.92	6.07328c (08121024)
674077.21	4102599.44	6.15797c (07011424)	674074.98	4102623.96	6.43009c (07011424)
674072.75	4102648.48	6.68789c (07011424)	674070.53	4102672.99	6.92946c (07011424)
674068.30	4102697.51	7.15092c (07011424)	674066.07	4102722.03	7.35302c (07011424)
674063.84	4102746.55	7.53701c (07011424)	674061.61	4102771.06	7.70225c (07011424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
674059.38	4102795.58	7.84934c	(07011424)	674057.16	4102820.10	7.97705c	(07011424)
674054.93	4102844.62	8.08698c	(07011424)	674052.70	4102869.13	8.17944c	(07011424)
674050.47	4102893.65	8.25873c	(07011424)	674048.24	4102918.17	8.32659c	(07011424)
674046.01	4102942.68	8.38452c	(07011424)	674043.79	4102967.20	8.43312c	(07011424)
674041.56	4102991.72	8.47441c	(07011424)	674039.33	4103016.24	8.50602c	(07011424)
673141.87	4100286.17	2.80572c	(04022224)	673119.53	4100275.47	2.02122c	(04022224)
673097.20	4100264.77	1.52175	(05031224)	673074.87	4100254.07	1.51515	(05031224)
673052.53	4100243.37	1.49798	(05031224)	673030.20	4100232.66	1.47030	(05031224)
673007.86	4100221.96	1.43325	(05031224)	672985.53	4100211.26	1.38787	(05031224)
672963.20	4100200.56	1.12926	(05031224)	672940.86	4100189.86	1.06612	(05031224)
672918.53	4100179.16	0.99963	(05031224)	672896.20	4100168.46	0.93093	(05031224)
672873.86	4100157.76	0.86168	(05031224)	672851.53	4100147.05	0.79323	(05031224)
672829.19	4100136.35	0.72690	(05031224)	672806.86	4100125.65	0.89625	(05031224)
672784.53	4100114.95	0.83827	(05031224)	672762.19	4100104.25	0.78431	(05031224)
672739.86	4100093.55	0.73438	(05031224)	672717.53	4100082.85	0.94699c	(04050624)
672695.19	4100072.14	1.22158c	(04050624)	672672.86	4100061.44	1.40824c	(04050624)
672650.53	4100050.74	1.72510c	(04050624)	672628.19	4100040.04	1.89327c	(04050624)
672605.86	4100029.34	1.95216c	(04050624)	672583.52	4100018.64	1.95107c	(04050624)
672561.19	4100007.94	1.92206c	(04050624)	672538.86	4099997.24	1.88261c	(04050624)
672516.52	4099986.53	1.82817c	(04050624)	672494.19	4099975.83	1.82725	(07111124)
672471.86	4099965.13	1.82598c	(05010524)	671221.45	4104044.00	14.92289c	(08122824)
670630.54	4103839.27	11.74812c	(08122824)	671607.63	4101768.77	8.76625	(06020224)
672277.64	4102089.81	15.17358c	(07112424)				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	4.18075 AT (671931.75, 4102782.37, 89.49, 169.31, 0.00)	DC	
	2ND HIGHEST VALUE IS	4.18022 AT (671919.88, 4102804.33, 88.75, 169.31, 0.00)	DC	
	3RD HIGHEST VALUE IS	4.17986 AT (671943.61, 4102760.41, 90.02, 169.31, 0.00)	DC	
	4TH HIGHEST VALUE IS	4.17848 AT (671848.68, 4102936.07, 86.92, 169.31, 0.00)	DC	
	5TH HIGHEST VALUE IS	4.17829 AT (671908.01, 4102826.28, 87.79, 169.31, 0.00)	DC	
	6TH HIGHEST VALUE IS	4.17768 AT (671860.54, 4102914.11, 86.61, 169.31, 0.00)	DC	
	7TH HIGHEST VALUE IS	4.17759 AT (671836.81, 4102958.03, 86.96, 169.31, 0.00)	DC	
	8TH HIGHEST VALUE IS	4.17750 AT (671955.48, 4102738.46, 90.40, 169.31, 0.00)	DC	
	9TH HIGHEST VALUE IS	4.17603 AT (671824.94, 4102979.98, 87.00, 169.31, 0.00)	DC	
	10TH HIGHEST VALUE IS	4.17541 AT (671872.41, 4102892.16, 86.13, 169.31, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	197.22915	ON 07012717: AT (672065.11, 4101960.25, 113.53, 168.45, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	104.89527	ON 05021803: AT (671908.77, 4101885.34, 148.31, 168.45, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	94.10401c	ON 04022208: AT (671953.44, 4101906.74, 140.92, 168.45, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	29.84419c	ON 04022224: AT (671953.44, 4101906.74, 140.92, 168.45, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** 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 1808 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1808 Calm Hours Identified

A Total of 0 Missing Hours Identified (0.00 Percent)

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

******** WARNING MESSAGES ********
ME W187 66 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

Appendix C

Noise Modeling

Appendix F-1
Long-Term 24 Hour Continuous Noise Monitoring

Project:
Date: October 29, 2020 to October 30, 2020
Site: LT-01

Hour	Leq	Lmax	L50	L90
12:29	51.8	78.1	47.0	45.0
13:29	51.8	75.8	49.0	47.0
14:29	54.0	78.5	49.0	47.0
15:29	59.8	82.5	51.0	49.0
16:29	56.4	75.6	53.0	49.0
17:29	61.8	76.7	59.0	57.0
18:29	58.7	73.7	57.0	55.0
19:29	60.1	84.0	55.0	53.0
20:29	57.6	75.9	55.0	53.0
21:29	56.0	73.8	53.0	51.0
22:29	54.4	70.0	53.0	51.0
23:29	52.6	72.2	51.0	49.0
0:29	54.2	72.7	51.0	49.0
1:29	55.0	77.8	53.0	51.0
2:29	57.0	69.3	55.0	53.0
3:29	57.2	69.6	55.0	53.0
4:29	57.7	78.5	55.0	55.0
5:29	58.1	73.4	55.0	55.0
6:29	60.1	80.5	57.0	55.0
7:29	60.6	86.5	57.0	55.0
8:29	58.8	86.3	51.0	47.0
9:29	53.0	75.6	49.0	47.0
10:29	59.7	80.5	49.0	47.0
11:29	53.9	77.8	49.0	45.0

Lowermost Level

	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	51.8	73.7	47.0	45.0
Evening (7 p.m. - 10 p.m.)	56.0	73.8	53.0	51.0
Nighttime (10 p.m. - 7 a.m.)	52.6	69.3	51.0	49.0

Average Level

	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	58.5	79.0	51.7	49.2
Evening (7 p.m. - 10 p.m.)	58.2	77.9	54.3	52.3
Nighttime (10 p.m. - 7 a.m.)	56.8	73.8	53.9	52.3

Uppermost-Level

	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	61.8	86.5	59.0	57.0
Evening (7 p.m. - 10 p.m.)	60.1	84.0	55.0	53.0
Nighttime (10 p.m. - 7 a.m.)	60.1	80.5	57.0	55.0

Energy Distribution

Daytime	57%
Evening	13%
Nighttime	29%

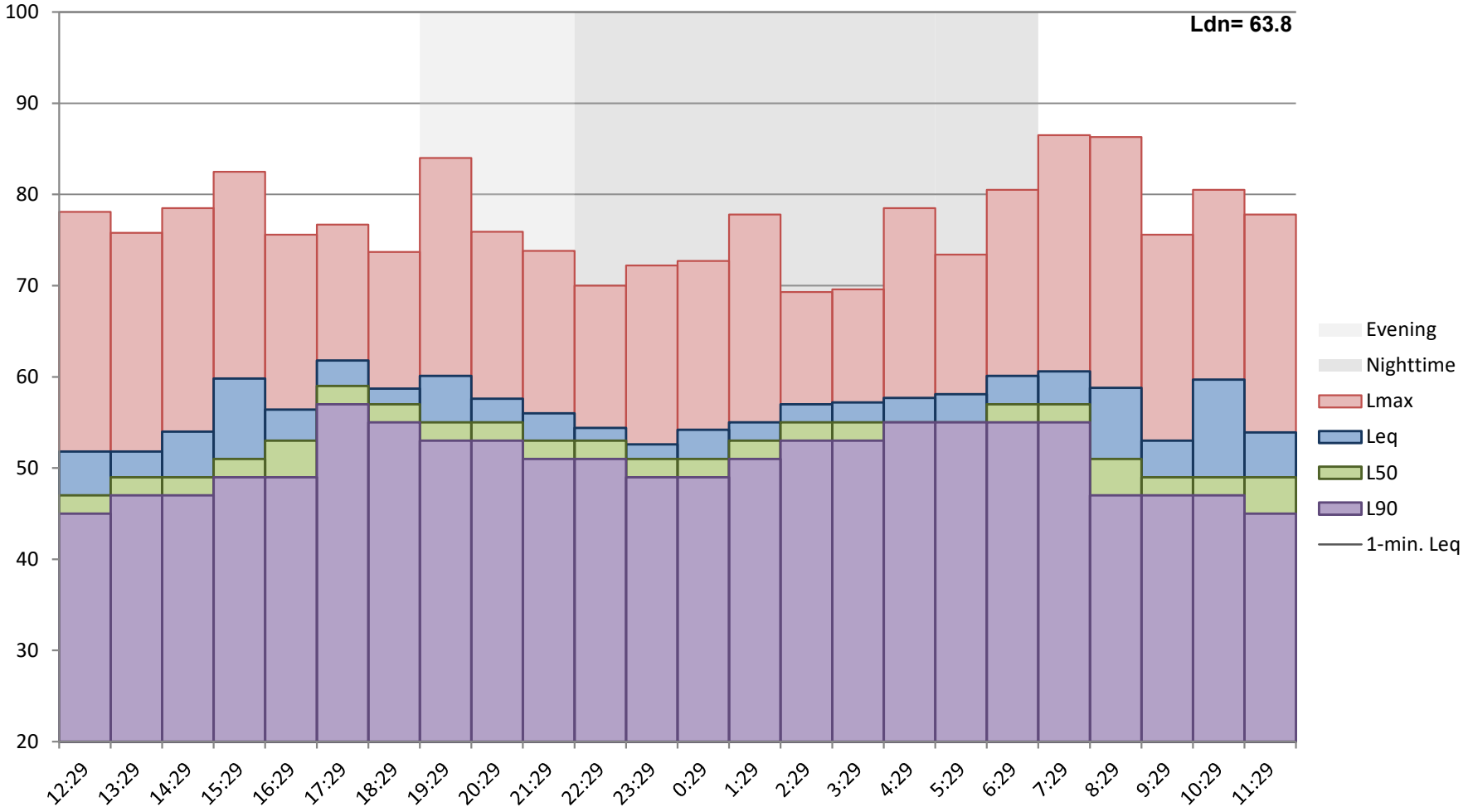
Calculated CNEL, dBA

63.8

Appendix F-1

- LT-01

October 29, 2020 to October 30, 2020



Appendix F-1
Long-Term 24 Hour Continuous Noise Monitoring

Project: **B.F. Sisk Dam Saftey Modification Project SEIR**
Date: October 29, 2020 to October 30, 2020
Site: LT-01

Hour	Leq	Lmax	L50	L90	Offset to quietest
12:29	51.8	78.1	47.0	45.0	0.0
13:29	51.8	75.8	49.0	47.0	0.0
14:29	54.0	78.5	49.0	47.0	2.2
15:29	59.8	82.5	51.0	49.0	8.0
16:29	56.4	75.6	53.0	49.0	4.6
17:29	61.8	76.7	59.0	57.0	10.0
18:29	58.7	73.7	57.0	55.0	6.9
19:29	60.1	84.0	55.0	53.0	8.3
20:29	57.6	75.9	55.0	53.0	5.8
21:29	56.0	73.8	53.0	51.0	4.2
22:29	54.4	70.0	53.0	51.0	2.6
23:29	52.6	72.2	51.0	49.0	0.8
0:29	54.2	72.7	51.0	49.0	2.4
1:29	55.0	77.8	53.0	51.0	3.2
2:29	57.0	69.3	55.0	53.0	5.2
3:29	57.2	69.6	55.0	53.0	5.4
4:29	57.7	78.5	55.0	55.0	5.9
5:29	58.1	73.4	55.0	55.0	6.3
6:29	60.1	80.5	57.0	55.0	8.3
7:29	60.6	86.5	57.0	55.0	8.8
8:29	58.8	86.3	51.0	47.0	7.0
9:29	53.0	75.6	49.0	47.0	1.2
10:29	59.7	80.5	49.0	47.0	7.9
11:29	53.9	77.8	49.0	45.0	2.1

Lowermost Level

	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	51.8	73.7	47.0	45.0
Evening (7 p.m. - 10 p.m.)	56.0	73.8	53.0	51.0
Nighttime (10 p.m. - 7 a.m.)	52.6	69.3	51.0	49.0

Average Level

	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	58.5	79.0	51.7	49.2
Evening (7 p.m. - 10 p.m.)	58.2	77.9	54.3	52.3
Nighttime (10 p.m. - 7 a.m.)	56.8	73.8	53.9	52.3

Uppermost-Level

	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	61.8	86.5	59.0	57.0
Evening (7 p.m. - 10 p.m.)	60.1	84.0	55.0	53.0
Nighttime (10 p.m. - 7 a.m.)	60.1	80.5	57.0	55.0

Energy Distribution

Daytime	57%
Evening	13%
Nighttime	29%

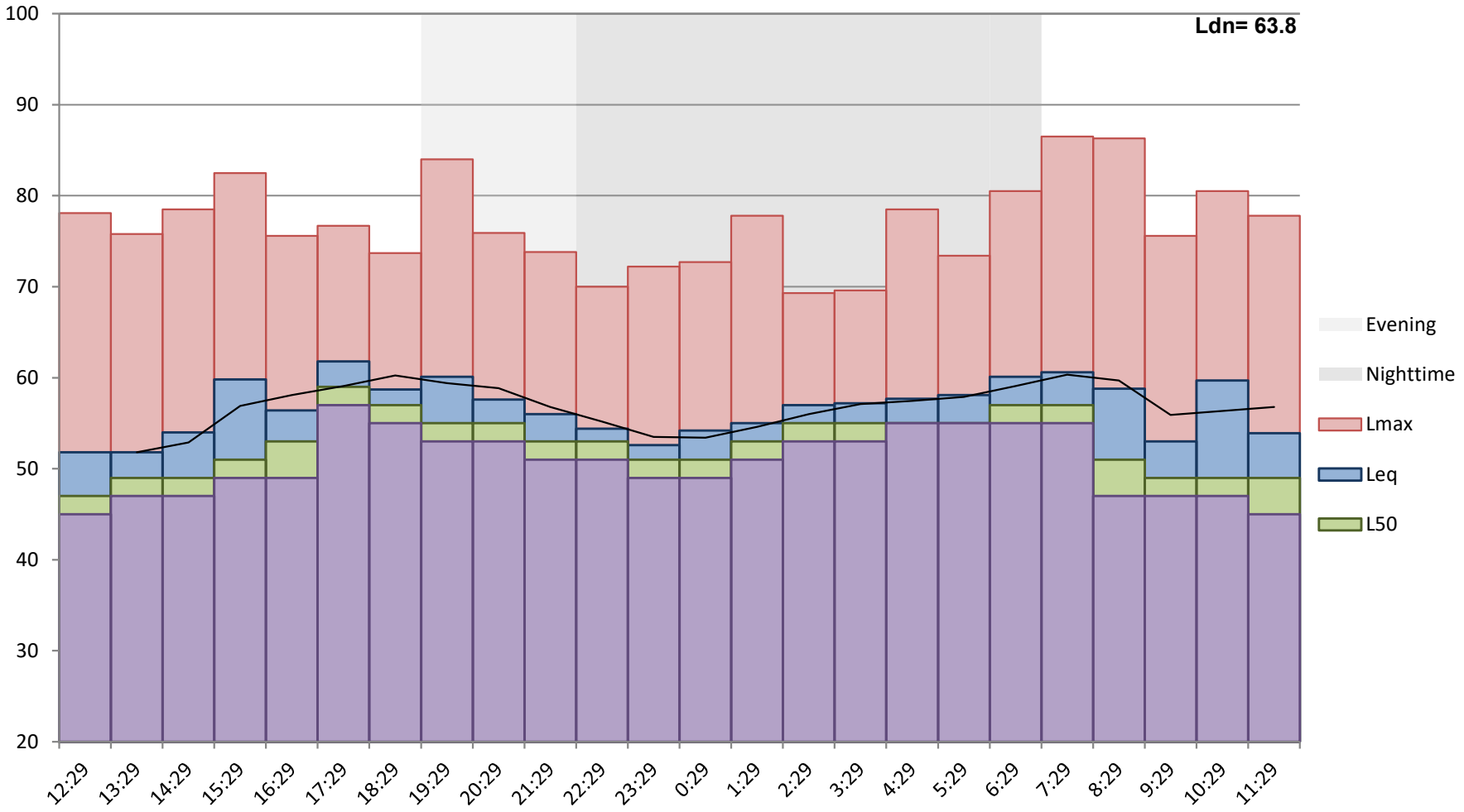
Calculated CNEL, dBA

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Appendix F-1

B.F. Sisk Dam Saftey Modification Project SEIR - LT-01

October 29, 2020 to October 30, 2020



Appendix X2
Project-Generated Construction Source Noise Prediction Model
Project Name

Location	Distance to Nearest Receiver in feet	Combined Predicted Noise Level (L_{eq} dBA)
Threshold*	3250	#VALUE!
	50	#VALUE!
	100	#VALUE!
	150	#VALUE!
	200	#VALUE!
	250	#VALUE!
	300	#VALUE!
	350	#VALUE!
	400	#VALUE!
	450	#VALUE!
	500	#VALUE!
	550	#VALUE!

Equipment Assumptions	Qty.	Reference Emission Noise Levels (Lmax) at 50 feet[1]	Usage Factor[1]
Ground Type		Hard	
Source Height		5	
Receiver Height		8	
Ground Factor		0.00	
Predicted Noise Level [2]		**L_{eq} dBA at 50 feet[2]**	

Predicted Combined Noise Level (L_{eq} dBA at 50 feet)
#VALUE!

Sources:

1 - Obtained from the FHWA Roadway Construction Noise Model, January 2006

2 - Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006.

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects; and

D = Distance from source to receiver.

*Project specific threshold

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per County = 50
allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Front End Loader	4	40	79		11560	31.7	8	480	34
	Dozer	3	40	82		11560	34.7	8	480	36
							Total for Site Preparation Phase:			**37.7**
Grading/Trenching	Excavator	2	40	81		11560	33.7	8	480	33
	Grader	1	40	85		11560	37.7	8	480	34
	Dozer	1	40	82		11560	34.7	8	480	31
	Scraper	2	40	84		11560	36.7	8	480	36
	Front End Loader	2	40	79		11560	31.7	8	480	31
	Slurry Trenching Machine	1	50	80	Trencher	11560	32.7	8	480	30
							Total for Grading/Trenching Phase:			**40.5**
Bulding Construciton	Crane	1	16	81		11560	33.7	8	480	26
	Gradall	3	40	83		11560	35.7	8	480	37
	Generator	1	50	72		11560	24.7	8	480	22
	Backhoe	3	40	78		11560	30.7	8	480	32
	Welder / Torch	1	40	73		11560	25.7	8	480	22
							Total for Bulding Construciton Phase:			**38.2**
Paving	Paver	2	50	77		11560	29.7	7	420	29
	Dump Truck	2	40	76		11560	28.7	8	480	28
	Roller	2	20	80		11560	32.7	8	480	29
							Total for Paving Phase:			**33.4**
Architectural Coating	Compressor (air)	1	40	78		11560	30.7	6	360	25
							Total for Architectural Coating Phase:			**25.5**

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noise level limit for construction phase, per County = 50
allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Front End Loader	4	40	79		10900	32.2	8	480	34
	Dozer	3	40	82		10900	35.2	8	480	36
							Total for Site Preparation Phase:			**38.2**
Grading/Trenching	Excavator	2	40	81		10900	34.2	8	480	33
	Grader	1	40	85		10900	38.2	8	480	34
	Dozer	1	40	82		10900	35.2	8	480	31
	Scraper	2	40	84		10900	37.2	8	480	36
	Front End Loader	2	40	79		10900	32.2	8	480	31
	Slurry Trenching Machine	1	50	80	Trencher	10900	33.2	8	480	30
							Total for Grading/Trenching Phase:			**41.0**
Bulding Construciton	Crane	1	16	81		10900	34.2	8	480	26
	Gradall	3	40	83		10900	36.2	8	480	37
	Generator	1	50	72		10900	25.2	8	480	22
	Backhoe	3	40	78		10900	31.2	8	480	32
	Welder / Torch	1	40	73		10900	26.2	8	480	22
							Total for Bulding Construciton Phase:			**38.7**
Paving	Paver	2	50	77		10900	30.2	7	420	30
	Dump Truck	2	40	76		10900	29.2	8	480	28
	Roller	2	20	80		10900	33.2	8	480	29
							Total for Paving Phase:			**33.9**
Architectural Coating	Compressor (air)	1	40	78		10900	31.2	6	360	26
							Total for Architectural Coating Phase:			**26.0**

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noise level limit for construction phase, per County = 30
allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Dozer	3	40	82		14900	32.5	8	480	33
	Front End Loader	4	40	79		14900	29.5	8	480	32
							Total for Site Preparation Phase:			35.5
Grading	Excavator	2	40	81		14900	31.5	8	480	31
	Grader	1	40	85		14900	35.5	8	480	32
	Dozer	1	40	82		14900	32.5	8	480	29
	Scraper	2	40	84		14900	34.5	8	480	34
	Front End Loader	2	40	79		14900	29.5	8	480	29
							Total for Grading Phase:			38.0

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noise level limit for construction phase, per County = 30
allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Dozer	3	40	82		14300	32.9	8	480	34
	Front End Loader	4	40	79		14300	29.9	8	480	32
							Total for Site Preparation Phase:			35.9
Grading	Excavator	2	40	81		14300	31.9	8	480	31
	Grader	1	40	85		14300	35.9	8	480	32
	Dozer	1	40	82		14300	32.9	8	480	29
	Scraper	2	40	84		14300	34.9	8	480	34
	Front End Loader	2	40	79		14300	29.9	8	480	29
							Total for Grading Phase:			38.3

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noise level limit for construction phase, per County = 55

allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Blasting	Blasting	1	1	94		12240	46.2	8	480	26
							Total for Blasting Phase:			**26.2**
Site Preparation	Dozer	3	40	82		12240	34.2	8	480	35
	Front End Loader	4	40	79		12240	31.2	8	480	33
	Grader	4	40	85		12240	37.2	8	480	39
	Excavator	4	40	81		12240	33.2	8	480	35
							Total for Site Preparation Phase:			**42.3**
Grading	Excavator	2	40	81		12240	33.2	8	480	32
	Rock Drill	1	20	81		12240	33.2	8	480	26
	Mounted Impact Hammer (hoe ram)	1	20	90		12240	42.2	8	480	35
	Dozer	1	40	82		12240	34.2	8	480	30
	Scraper	2	40	84		12240	36.2	8	480	35
	Front End Loader	2	40	79		12240	31.2	8	480	30
							Total for Grading Phase:			**40.4**

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noise level limit for construction phase, per County = 55
allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Blasting	Blasting	1	1	94		11630	46.7	8	480	27
							Total for Blasting Phase:			**26.7**
Site Preparation	Dozer	3	40	82		11630	34.7	8	480	35
	Front End Loader	4	40	79		11630	31.7	8	480	34
	Grader	4	40	85		11630	37.7	8	480	40
	Excavator	4	40	81		11630	33.7	8	480	36
							Total for Site Preparation Phase:			**42.8**
Grading	Excavator	2	40	81		11630	33.7	8	480	33
	Rock Drill	1	20	81		11630	33.7	8	480	27
	Mounted Impact Hammer (hoe ram)	1	20	90		11630	42.7	8	480	36
	Dozer	1	40	82		11630	34.7	8	480	31
	Scraper	2	40	84		11630	36.7	8	480	36
	Front End Loader	2	40	79		11630	31.7	8	480	31
							Total for Grading Phase:			**40.8**

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noise level limit for construction phase, per County = 55

allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Blasting	Blasting	1	1	94		12300	46.2	8	480	26
							Total for Blasting Phase:			**26.2**
Site Preparation	Dozer	3	40	82		12300	34.2	8	480	35
	Front End Loader	4	40	79		12300	31.2	8	480	33
	Grader	4	40	85		12300	37.2	8	480	39
	Excavator	4	40	81		12300	33.2	8	480	35
							Total for Site Preparation Phase:			**42.3**
Grading	Excavator	2	40	81		12300	33.2	8	480	32
	Rock Drill	1	20	81		12300	33.2	8	480	26
	Mounted Impact Hammer (hoe ram)	1	20	90		12300	42.2	8	480	35
	Dozer	1	40	82		12300	34.2	8	480	30
	Scraper	2	40	84		12300	36.2	8	480	35
	Front End Loader	2	40	79		12300	31.2	8	480	30
							Total for Grading Phase:			**40.3**

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noise level limit for construction phase, per County = 55

allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Blasting	Blasting	1	1	94		10700	47.4	8	480	27
							Total for Blasting Phase:			**27.4**
Site Preparation	Dozer	3	40	82		10700	35.4	8	480	36
	Front End Loader	4	40	79		10700	32.4	8	480	34
	Grader	4	40	85		10700	38.4	8	480	40
	Excavator	4	40	81		10700	34.4	8	480	36
							Total for Site Preparation Phase:			**43.5**
Grading	Excavator	2	40	81		10700	34.4	8	480	33
	Rock Drill	1	20	81		10700	34.4	8	480	27
	Mounted Impact Hammer (hoe ram)	1	20	90		10700	43.4	8	480	36
	Dozer	1	40	82		10700	35.4	8	480	31
	Scraper	2	40	84		10700	37.4	8	480	36
	Front End Loader	2	40	79		10700	32.4	8	480	31
							Total for Grading Phase:			**41.5**

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noise level limit for construction phase, per County = 50
allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Dozer	3	40	82		15200	32.3	8	480	33
	Front End Loader	4	40	79		15200	29.3	8	480	31
	Grader	4	40	85		15200	35.3	8	480	37
	Excavator	4	40	81		15200	31.3	8	480	33
							Total for Site Preparation Phase:			**40.4**
Grading	Excavator	2	40	81		15200	31.3	8	480	30
	Rock Drill	1	20	81		15200	31.3	8	480	24
	Mounted Impact Hammer (hoe ram)	1	20	90		15200	40.3	8	480	33
	Dozer	1	40	82		15200	32.3	8	480	28
	Scraper	2	40	84		15200	34.3	8	480	33
	Front End Loader	2	40	79		15200	29.3	8	480	28
							Total for Grading Phase:			**38.5**

Borrow Area 6 Noise Levels at New Campground - Closest Distance

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per County = 50

allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Dozer	3	40	82		11900	34.5	8	480	35
	Front End Loader	4	40	79		11900	31.5	8	480	34
	Grader	4	40	85		11900	37.5	8	480	40
	Excavator	4	40	81		11900	33.5	8	480	36
							Total for Site Preparation Phase:			**42.6**
Grading	Excavator	2	40	81		11900	33.5	8	480	32
	Rock Drill	1	20	81		11900	33.5	8	480	26
	Mounted Impact Hammer (hoe ram)	1	20	90		11900	42.5	8	480	35
	Dozer	1	40	82		11900	34.5	8	480	30
	Scraper	2	40	84		11900	36.5	8	480	35
	Front End Loader	2	40	79		11900	31.5	8	480	30
							Total for Grading Phase:			**40.6**

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noise level limit for construction phase, per County = 49.4

allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Peak Day Construction	Tractor	5	40	84	Water Truck	15350	34.3	8	480	37
	Grader	2	40	85	Grader	15350	35.3	8	480	34
	Compactor (ground)	5	20	80	Compactor	15350	30.3	8	480	30
	Scraper	2	40	84	Scraper	15350	34.3	8	480	33
								Total for Peak Day Construction Phase:		**40.5**

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per County = 37

allowable hours over which Leq is to be averaged (example: 8 for County of San Diego, FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Peak Night Construction	Tractor	5	40	84	Water Truck	15350	34.3	8	480	37
	Grader	2	40	85	Grader	15350	35.3	8	480	34
	Compactor (ground)	5	20	80	Compactor	15350	30.3	8	480	30
	Scraper	2	40	84	Scraper	15350	34.3	8	480	33
							Total for Peak Night Construction Phase:			40.5

Equipment Description	Impact Device?	Acoustical Use Factor (%)	Lesser of or available Lmax	Spec. 721 Lmax	Measured L_{max} @50ft (dBA, slow)
All Other Equipment > 5 HP	No	50	85	85	-- N/A --
Auger Drill Rig	No	20	84	85	84
Backhoe	No	40	78	80	78
Bar Bender	No	20	80	80	-- N/A --
Blasting	Yes	-- N/A --	94	94	-- N/A --
Boring Jack Power Unit	No	50	80	80	83
Chain Saw	No	20	84	85	84
Clam Shovel (dropping)	Yes	20	87	93	87
Compactor (ground)	No	20	80	80	83
Compressor (air)	No	40	78	80	78
Concrete Batch Plant	No	15	83	83	-- N/A --
Concrete Mixer Truck	No	40	79	85	79
Concrete Pump Truck	No	20	81	82	81
Concrete Saw	No	20	90	90	90
Crane	No	16	81	85	81
Dozer	No	40	82	85	82
Drill Rig Truck	No	20	79	84	79
Drum Mixer	No	50	80	80	80
Dump Truck	No	40	76	84	76
Excavator	No	40	81	85	81
Flat Bed Truck	No	40	74	84	74
Front End Loader	No	40	79	80	79
Generator	No	50	72	72	81
Generator (<25KVA, VMS signs)	No	50	70	70	73
Gradall	No	40	83	85	83
Grader	No	40	85	85	-- N/A --
Grapple (on backhoe)	No	40	85	85	87
Horizontal Boring Hydr. Jack	No	25	80	80	82
Hydra Break Ram	Yes	10	90	90	-- N/A --
Impact Pile Driver	Yes	20	95	95	101
Jackhammer	Yes	20	85	85	89
Man Lift	No	20	75	85	75
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	90
Pavement Scarafier	No	20	85	85	90
Paver	No	50	77	85	77
Pickup Truck	No	40	55	55	75
Pneumatic Tools	No	50	85	85	85
Pumps	No	50	77	77	81
Refrigerator Unit	No	100	73	82	73
Rivit Buster/chipping gun	Yes	20	79	85	79
Rock Drill	No	20	81	85	81
Roller	No	20	80	85	80
Sand Blasting (Single Nozzle)	No	20	85	85	96
Scraper	No	40	84	85	84
Shears (on backhoe)	No	40	85	85	96
Slurry Plant	No	100	78	78	78
Slurry Trenching Machine	No	50	80	82	80
Soil Mix Drill Rig	No	50	80	80	-- N/A --
Tractor	No	40	84	84	-- N/A --
Vacuum Excavator (Vac-truck)	No	40	85	85	85
Vacuum Street Sweeper	No	10	80	80	82
Ventilation Fan	No	100	79	85	79
Vibrating Hopper	No	50	85	85	87
Vibratory Concrete Mixer	No	20	80	80	80
Vibratory Pile Driver	No	20	95	95	101
Warning Horn	No	5	83	85	83
Welder / Torch	No	40	73	73	74

Appendix 2C

Traffic Noise Modeling Calculations - Summary

Project: 12206Sisk Dam

Number	Name	Segment Description and Location From	To	Existing	Existing + Project	Δ Existing – Existing + Project	Cumulative	Cumulative + Project	Δ Cumulative – Cumulative + Project
Summary of Net Changes									
1	Hwy 152	R-1 | Residential Neighborhood M		44.1					

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C

Traffic Noise Modeling Calculations - Summary

Project: 12206Sisk Dam

Number	Name	Segment Description and Location From	To	Buildout 2030	Buildout 2030 + Project	Δ Buildout 2030 – Buildout 2030 + Project	
Summary of Net Changes							
1							

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 1

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: ADT
Traffic K-Factor: 10

		Segment Description and Location		Input										Output				
						Distance to Directional Centerline, (feet)[4]		Traffic Distribution Characteristics						Leq,	Distance to Contour, (feet)[3]			
Number	Name	From	To	ADT	Speed (mph)	Near	Far	% Auto	% Med	% Hvy	% Day	% Eve	% Night	(dBA)[5,6,7]	70 dBA	65 dBA	60 dBA	55 dBA
Existing Conditions																		
1	Hwy 152	R-1 | Residential Neighborhood North of 152 and 33		27,000	65	11900	11900	82.9%	3.6%	13.5%	80.0%		20.0%	44.1	223	481	1037	2234
2	Hwy 152	R-2 | Residential Neighborhood South of 152 and 33		27,000	65	1250	1250	82.9%	3.6%	13.5%	80.0%		20.0%	58.8	223	481	1037	2234
3	Hwy 152	R-3 | Residential Neighborhood South of 152 and 33		27,000	65	1980	1980	82.9%	3.6%	13.5%	80.0%		20.0%	55.8	223	481	1037	2234
4	Hwy 152	R-4 | Residence on Harper Lane		27,000	65	27900	27900	82.9%	3.6%	13.5%	80.0%		20.0%	38.6	223	481	1037	2234
5	Hwy 152	R-5 | New Campground		27,000	65	9375	9375	82.9%	3.6%	13.5%	80.0%		20.0%	45.7	223	481	1037	2234

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 1

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Ldn
Site Conditions: Soft
Traffic Input: ADT
Traffic K-Factor: 10

		Segment Description and Location		Input										Output				
						Distance to Directional Centerline, (feet)[4]		Traffic Distribution Characteristics						Ldn,	Distance to Contour, (feet)[3]			
Number	Name	From	To	ADT	Speed (mph)	Near	Far	% Auto	% Med	% Hvy	% Day	% Eve	% Night	(dBA)[5,6,7]	70 dBA	65 dBA	60 dBA	55 dBA
Existing Conditions																		
1	Hwy 152	R-1 | Residential Neighborhood North of 152 and 33		27,000	65	11900	11900	82.9%	3.6%	13.5%	71.0%		29.0%	45.9	293	632	1361	2933
2	Hwy 152	R-2 | Residential Neighborhood South of 152 and 33		27,000	65	1250	1250	82.9%	3.6%	13.5%	71.0%		29.0%	60.6	293	632	1361	2933
3	Hwy 152	R-3 | Residential Neighborhood South of 152 and 33		27,000	65	1980	1980	82.9%	3.6%	13.5%	71.0%		29.0%	57.6	293	632	1361	2933
4	Hwy 152	R-4 | Residence on Harper Lane		27,000	65	27900	27900	82.9%	3.6%	13.5%	71.0%		29.0%	40.3	293	632	1361	2933
5	Hwy 152	R-5 | New Campground		27,000	65	9375	9375	82.9%	3.6%	13.5%	71.0%		29.0%	47.4	293	632	1361	2933

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 2

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: Peak
Traffic K-Factor:

Segment Description and Location				Input										Output				
Number	Name	From	To	Peak Hour Volume	Speed (mph)	Distance to Directional Centerline, (feet)[4] Near	Far	Traffic Distribution Characteristics % Auto	% Med	% Hvy	% Day	% Eve	% Night	Leq, (dBA)[5,6,7]	Distance to Contour, (feet)[3] 70 dBA	65 dBA	60 dBA	55 dBA
Existing + Project Conditions																		
1																		

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 3

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: Peak
Traffic K-Factor:

Segment Description and Location				Input										Output				
Number	Name	From	To	Peak Hour Volume	Speed (mph)	Distance to Directional Centerline, (feet)$_4$ Near	Far	Traffic Distribution Characteristics % Auto	% Med	% Hvy	% Day	% Eve	% Night	Leq, (dBA)$_{5,6,7}$	Distance to Contour, (feet)$_3$ 70 dBA	65 dBA	60 dBA	55 dBA
Cumulative Conditions																		
1																		

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 4

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: Peak
Traffic K-Factor:

Segment Description and Location				Input										Output				
Number	Name	From	To	Peak Hour Volume	Speed (mph)	Distance to Directional Centerline, (feet)$_4$ Near	Far	Traffic Distribution Characteristics % Auto	% Med	% Hvy	% Day	% Eve	% Night	Leq, (dBA)$_{5,6,7}$	Distance to Contour, (feet)$_3$ 70 dBA	65 dBA	60 dBA	55 dBA
Cumulative + Project Conditions																		
1																		

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 5

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: Peak
Traffic K-Factor:

Segment Description and Location				Input										Output				
Number	Name	From	To	Peak Hour Volume	Speed (mph)	Distance to Directional Centerline, (feet)$_4$ Near	Far	Traffic Distribution Characteristics % Auto	% Med	% Hvy	% Day	% Eve	% Night	Leq, (dBA)$_{5,6,7}$	Distance to Contour, (feet)$_3$ 70 dBA	65 dBA	60 dBA	55 dBA
Buildout 2030 Conditions																		
1																		

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 6

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: Peak
Traffic K-Factor:

Segment Description and Location				Input										Output				
Number	Name	From	To	Peak Hour Volume	Speed (mph)	Distance to Directional Centerline, (feet)$_4$ Near	Far	Traffic Distribution Characteristics % Auto	% Med	% Hvy	% Day	% Eve	% Night	Leq, (dBA)$_{5,6,7}$	Distance to Contour, (feet)$_3$ 70 dBA	65 dBA	60 dBA	55 dBA
Buildout 2030 + Project Conditions																		
1																		

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 7

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: Peak
Traffic K-Factor:

Segment Description and Location				Input										Output				
Number	Name	From	To	Peak Hour Volume	Speed (mph)	Distance to Directional Centerline, (feet)$_4$ Near	Far	Traffic Distribution Characteristics % Auto	% Med	% Hvy	% Day	% Eve	% Night	Leq, (dBA)$_{5,6,7}$	Distance to Contour, (feet)$_3$ 70 dBA	65 dBA	60 dBA	55 dBA
Conditions																		
1																		

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C - 8

Traffic Noise Model Calculations

Project: 12206Sisk Dam

Noise Level Descriptor: Leq
Site Conditions: Soft
Traffic Input: Peak
Traffic K-Factor:

Segment Description and Location				Input										Output				
Number	Name	From	To	Peak Hour Volume	Speed (mph)	Distance to Directional Centerline, (feet)$_4$ Near	Far	Traffic Distribution Characteristics % Auto	% Med	% Hvy	% Day	% Eve	% Night	Leq, (dBA)$_{5,6,7}$	Distance to Contour, (feet)$_3$ 70 dBA	65 dBA	60 dBA	55 dBA
Conditions																		
1																		

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Appendix 2C

Traffic Noise Modeling Calculations - References

Citation	Reference
1	Caltrans Technical Noise Supplement. 2009 (November). Table (5-11), Pg 5-60.
2	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-26), Pg 5-60.
3	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-16), Pg 2-32.
4	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-11), Pg 5-47, 48.
5	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-26), Pg 2-55, 56.
6	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-27), Pg 2-57.
7	Caltrans Technical Noise Supplement. 2009 (November). Pg 2-53.
8	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-7), Pg 5-45.
9	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-8), Pg 5-45.
10	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-9), Pg 5-45.
11	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-13), Pg 5-49.
12	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-14), Pg 5-49.
13	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (16), Pg 67
14	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (20), Pg 69
15	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (18), Pg 69

Appendix D1

Traffic Counts

B.F. Sisk Dam Safety of Dams Modification Project Environmental Impact Statement / Environmental Impact Report

Appendix G1: 2016 Traffic Volumes on California State Highways

U.S. Department of the Interior
Bureau of Reclamation
Sacramento, California

April 2019

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2016 Traffic Volumes on California State Highways



Dist	Route	County	Postmile	Description	Back Peak Hour	Back Peak Month	Back AADT	Ahead Peak Hour	Ahead Peak Month	Ahead AADT
06	005	KER	33.489	JCT. RTE. 223	5300	44000	37000	5500	46000	38000
06	005	KER	38.793	JCT. RTE. 119	5500	45500	38000	5500	47500	38000
06	005	KER	41.193	JCT. RTE. 43	5600	47500	38000	5600	46000	36500
06	005	KER	47.546	STOCKDALE ROAD	5600	46000	36500	5400	50000	41000
06	005	KER	52.145	JCT. RTE. 58	5400	50000	41000	5400	47500	39500
06	005	KER	56.642	7TH STANDARD ROAD	5200	46500	38000	5100	45000	38000
06	005	KER	58.006	ROWLEE ROAD	5200	45500	38500	5700	49000	41500
06	005	KER	62.605	LERDO AVENUE	5700	49000	41500	5500	48000	40500
06	005	KER	73.017	JCT. RTE. 46	5500	48000	40500	4650	41000	34500
06	005	KER	82.347	TWISSELMAN ROAD	4650	41000	34500	4600	40500	34000
06	005	KER	87.025	KERN/KINGS COUNTY LINE	4600	40500	34000			
06	005	KIN	0	KERN/KINGS COUNTY LINE				4600	40500	34000
06	005	KIN	12.362	UTICA AVENUE	4600	40500	34000	5100	45000	37500
06	005	KIN	16.595	JCT. RTE. 41	5100	45000	37500	5300	47500	39000
06	005	KIN	26.724	KINGS/FRESNO COUNTY LINE	5300	47500	39000			
06	005	FRE	0	KINGS/FRESNO COUNTY LINE				5300	47500	39000
06	005	FRE	.228	JCT. RTE. 269	5300	47500	39000	5000	46000	37500
06	005	FRE	5.501	JAYNE AVENUE	5000	46000	37500	4950	45500	37000
06	005	FRE	14.873	JCT. RTE. 198	4950	45500	37000	5100	47500	39000
06	005	FRE	17.964	JCT. RTE. 33 SOUTH, JCT. RTE. 145 NORTH	5100	47500	39000	5300	48500	40000
06	005	FRE	29.955	JCT. RTE. 33 NORTH	5300	48500	40000	5200	44000	38500
06	005	FRE	38.359	KAMM AVENUE	5200	44000	38500	5400	45500	39500
06	005	FRE	45.798	MANNING AVENUE	5400	45500	39500	5400	46500	40500
06	005	FRE	48.99	PANOCHE ROAD	5400	46500	40500	5300	46000	41000
06	005	FRE	52.746	RUSSELL AVENUE	5300	46000	41000	5100	45000	40000
06	005	FRE	60.077	SHIELDS AVENUE	5100	45000	40000	5200	48500	40500
06	005	FRE	65.782	NEES AVENUE	5200	48500	40500	5200	49000	41000
06	005	FRE	66.159	FRESNO/MERCED COUNTY LINE	5200	49000	41000			
10	005	MER	0	FRESNO/MERCED COUNTY LINE				5600	45500	38000
10	005	MER	6.28	JCT. RTE. 165 NORTH	3900	35500	30000	4750	40500	34000
10	005	MER	17.578	JCT. RTE. 152	5300	35000	32000	4050	40000	31600
10	005	MER	21.839	JCT. RTE. 33	3950	39500	30900	3100	33000	29100
10	005	MER	23.6	NORTH OF ROUTE 33 @ SANTA NELLA TRUCK SCALES	4000	37000	32500	4000	42500	37400
10	005	MER	32.391	JCT. RTE. 140 EAST	3650	41000	39500	4050	42500	41500
10	005	MER	32.477	MERCED/STANISLAUS COUNTY LINE	4050	42500	41500			
10	005	STA	0	MERCED/STANISLAUS COUNTY LINE				3700	42500	41500
10	005	STA	5.505	STUHR ROAD	3700	41000	40000	3700	41000	40000

Dist	Route	County		Postmile	Description	Back Peak Hour	Back Peak Month	Back AADT	Ahead Peak Hour	Ahead Peak Month	Ahead AADT
06	033	FRE		72.837	DOUGLAS AVENUE	300	3400	2850	300	3400	2850
06	033	FRE	R	79.905	BRANNON AVENUE	270	3200	2550	370	3050	2350
10	033	MER	L	1.232	FRESNO/MERCED COUNTY LINE	300	4050	3300			
10	033	MER	R	0	FRESNO/MERCED COUNTY LINE				300	4050	3300
10	033	MER	R	1.17	DOS PALOS, BLOSSOM STREET	710	9200	7400	810	7600	6100
10	033	MER		1.888	CARMELLIA AVENUE	620	6600	6000	520	6600	5850
10	033	MER	R	5.635	EAST JCT. RTE. 152	980	11900	9400	680	7800	6800
10	033	MER	R	13.238	WEST JCT. RTE 152	680	7800	6800	880	10200	8800
10	033	MER	R	15.6	VERA CRUZ DRIVE	1050	10800	9800	830	10600	9700
10	033	MER	R	16.258	CENTINELLA, HENRY MILLER ROAD	950	11100	9700	1200	12700	10100
10	033	MER	R	16.643	JCT. RTE. 5	1200	14200	12900	1350	15300	14200
10	033	MER		17.27	MC CABE ROAD	470	5800	5700	450	5600	5500
10	033	MER		27.111	NORTH JCT. RTE. 140 EAST	710	9400	7600	800	9900	8850
10	033	MER		30.302	MERCED/STANISLAUS COUNTY LINE	590	6400	6350			
10	033	STA		0	MERCED/STANISLAUS COUNTY LINE				590	6400	6350
10	033	STA		.68	NEWMAN, MERCED STREET	780	9600	9000	720	9200	8400
10	033	STA		.95	NEWMAN, DRISKELL ROAD/KERN STREET	710	9200	9100	750	7300	7250
10	033	STA		2.06	STUHR ROAD	780	8900	8400	430	4500	4400
10	033	STA		4.82	J.T. CROW RD RT	470	5800	5500	510	5800	5500
10	033	STA		6.838	CROWS LANDING, CROWS LANDING/FINK ROADS	560	6200	6000	330	4900	4600
10	033	STA		7.04	CROWS LANDING, 4TH STREET	390	4250	3750	430	4550	3950
10	033	STA		12.571	PATTERSON, SPERRY ROAD	610	6700	4900	570	6600	5500
10	033	STA		13.1	SALADO AVENUE/EL CIRCULO	810	8800	6900	850	9600	6700
10	033	STA		13.18	LAS PALMAS AVENUE	90	6200	6100	510	6500	6400
10	033	STA		13.26	DEL PUERTO AVENUE/EL CIRCULO	540	6000	4500	650	7200	5400
10	033	STA		14.52	WARD AVENUE	540	5800	5250	560	5600	5500
10	033	STA		16.43	BALDWIN RD-LT	450	4850	4800	420	4500	3900
10	033	STA		19.55	WESTLEY, GRAYSON/HOWARD ROADS	400	4200	3800	310	3200	3100
10	033	STA		19.92	WESTLEY, E STREET	270	3200	3000	220	2750	2500
10	033	STA		27.086	STANISLAUS/SAN JOAQUIN COUNTY LINE	610	6400	6350			
10	033	SJ		0	STANISLAUS/SAN JOAQUIN COUNTY LINE				610	6400	6350
10	033	SJ		.818	VERNALIS, JCT. RTE. 132	240	3600	2900	290	3650	3600
10	033	SJ		3.51	NEW JERUSALEM, DURHAM FERRY ROAD	290	3650	3600	290	3450	2400
10	033	SJ		4.826	JCT. RTE. 5	800	4400	3900			
07	034	VEN		4.295	OXNARD, JCT. RTE. 1				1500	14800	14000
07	034	VEN		6.27	OXNARD, RICE AVENUE	1250	10700	10200	1500	12200	11700
07	034	VEN		8.43	PLEASANT VALLEY ROAD, WEST JUNCTION	1500	12200	11700	1450	11300	9600

Dist	Route	County		Postmile		Description	Back Peak Hour	Back Peak Month	Back AADT	Ahead Peak Hour	Ahead Peak Month	Ahead AADT
02	151	SHA	R	5.93	L	ON FRONT ST AT HARDENBROOK AVE	460	4700	4000	460	4700	4000
02	151	SHA	R	5.993	L	FRONT ST/SHASTA DAM BLVD, END LEFT ALIGN	460	4700	4000			
02	151	SHA		6.79		CASCADE BOULEVARD	1250	13100	12700	1200	13000	12600
02	151	SHA	R	6.924		JCT. RTE. 5	1200	13000	12600			
05	152	SCR	T	.31		WATSONVILLE, JCT. RTE. 1				2650	28000	26700
05	152	SCR	T	.676		GREEN VALLEY RD	2650	29000	26700	3700	30500	29000
05	152	SCR	T	2.5		WATSONVILLE, FREEDOM BLVD	3700	30500	29000	2150	22200	21300
05	152	SCR	T	2.803		WATSONVILLE, MAIN STREET AT EAST LAKE STREET	2150	22200	21300	2600	23400	22600
05	152	SCR	T	2.929	R	WATSONVILLE, ON EAST LAKE/MAIN ST, RIGHT ALIGN				1000	8900	8100
05	152	SCR	T	3.273	R	EAST BEACH ST AT LINCOLN, END RIGHT ALIGN	890	7900	7100			
05	152	SCR	T	2.929	L	WATSONVILLE,ON EAST LAKE/MAIN STREET, LEFT ALIGN				900	8200	7400
05	152	SCR	T	3.273	L	WATSONVILLE, EAST LAKE/LINCOLN, END LEFT ALIGN	900	8200	7400			
05	152	SCR		.383		ON EAST LAKE ST AT LINCOLN ST	1700	16800	14900	1700	16800	14900
05	152	SCR		.714		BECK AVENUE	1700	16800	14900	1900	17600	16300
05	152	SCR	R	1.995		HOLOHAN/COLLEGE ROAD	2100	17600	16300	1350	17300	13800
05	152	SCR		3.69		CARLTON/CASSERLY ROAD	980	12200	8700	870	10600	6700
05	152	SCR		8.29		SANTA CRUZ/SANTA CLARA COUNTY LINE	690	7000	6200			
04	152	SCL		0		SANTA CRUZ/SANTA CLARA COUNTY LINE				730	6900	6100
04	152	SCL		5.03		WATSONVILLE RD	730	6900	6100	710	6700	5900
04	152	SCL		7.93		GILROY, SANTA TERESA BLVD	1050	10800	9600	2150	22100	19600
04	152	SCL	M	9.43		MONTEREY STREET	2050	21000	18600	2300	23500	20800
04	152	SCL	M	9.78		GILROY ON LEEAVESLEY AVENUE	2300	23500	20800	2500	27000	24000
04	152	SCL	M	10.277		GILROY, JCT. RTE. 101	3900	44000	39000	2450	31000	27000
04	152	SCL		14.89		BLOOMFIELD AVE.	2450	31000	27000	2600	33500	29000
04	152	SCL	R	21.977		JCT. RTE. 156 SOUTH	2350	30000	26000	4050	46500	39500
04	152	SCL	R	23.409		CASA DE FRUTA	4050	47000	39500	4000	46500	39000
04	152	SCL	R	35.161		SANTA CLARA/MERCED COUNTY LINE	3900	45000	38000			
10	152	MER	R	0		SANTA CLARA/MERCED COUNTY LINE				3600	41500	34800
10	152	MER	R	13.24		WEST JCT. RTE. 33	3050	35000	29100	2900	34000	28600
10	152	MER		13.848		JCT. RTE. 5	3100	36500	30700	2150	31500	27000
10	152	MER		19.268		LOS BANOS, ORTIGALITA ROAD	1900	24200	23000	2900	29500	28000
10	152	MER		19.618		LOS BANOS, WEST I STREET	2900	31000	28000	2500	31500	30000
10	152	MER		20.598		LOS BANOS, 7TH STREET	3000	35500	31500	2500	34000	33500
10	152	MER		21.058		LOS BANOS, EAST I STREET	2250	31000	30500	2500	33500	29000
10	152	MER		21.272		LOS BANOS, JCT. RTE. 165	2450	31500	28000	2850	38000	33500
10	152	MER		22.252		LOS BANOS, WARD ROAD	2850	38000	33500	1750	21100	19400
10	152	MER		23.915		LOS BANOS, SANTA FE ROAD	1900	23800	21200	1900	20700	19800

Appendix D2

LOS Worksheets and Other Data

B.F. Sisk Dam Safety of Dam Modification Project Environmental Impact Statement / Environmental Impact Report

Appendix G2: Traffic and Transportation Appendix

U.S. Department of the Interior
Bureau of Reclamation
Sacramento, California

April 2019

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Table 1. Level of Service Characteristics

LOS	Traffic Condition
A	Free flow conditions; Low volumes; high operating speeds; uninterrupted flow; no restriction on maneuverability; drivers maintain desired speeds; little or no delays.
B	Stable flow conditions; operating speeds beginning to be restricted.
C	Stable flow but speed and maneuverability restricted by higher traffic volumes; satisfactory operating speed for urban conditions; delays at signals.
D	Approaching unstable flow; low speeds; major delays at signals; little freedom to maneuver.
E	Lower operating speeds; volume at or near capacity; unstable flow; major delays and stoppages.
F	Forced flow conditions; low speeds; volumes below capacity, may be zero; stoppages for long periods because of downstream congestion.

Source: Transportation Research Board 2016

Table 2. Level of Service Criteria for Freeways

LOS	Density (passenger cars/mile/lane)
A	≤ 11
B	11 - 18
C	18 - 26
D	26 - 35
E	35 - 45
F	> 45

Source: Transportation Research Board 2016

Table 3. Level of Service Criteria for Two-Lane Highways in Class I

LOS	Percent Time-Spent-Following
A	≤ 35
B	> 35 -50
C	> 50 - 65
D	> 65 - 80
E	> 80

Source: Transportation Research Board 2016
Note: LOS F applies whenever the flow rate exceeds the segment capacity.

Table 4. Level of Service Criteria for Unsignalized Intersections

LOS	Control Delay (sec/veh)
A	≤ 10
B	10 - 15
C	15 - 25
D	25 - 35
E	35 - 50
F	> 50

Source: Transportation Research Board 2016

Table 5. Level of Service Criteria for Signalized Intersections

LOS	Control Delay (sec/veh)
A	≤ 10
B	10 - 20
C	20 - 35
D	35 - 55
E	55 - 80
F	> 80

Source: Transportation Research Board 2016

Table 6. Level of Service Criteria for Roadways – Merced County

#	Area	Facility	Interchanges	Intersections	Flow	Lanes	Median	Level of Service (Average Annual Daily Traffic)				
								A	B	C	D	E
1	Urban	Freeway	< 2 miles apart	-	-	4	N/A	22,000	36,000	52,000	67,000	76,500
2	Urban	Expressway	-	-	-	4	Divided	-	-	21,400	31,100	32,900
3	Urban	Highway	-	-	Uninterrupted	2	Undivided	2,000	7,000	13,800	19,600	27,000
4	Urban	Highway	-	< 2/mile	-	2	Undivided	-	4,200	13,800	16,400	16,900
5	Urban	Highway	-	< 4.5/mile	-	2	Undivided	-	1,900	11,200	15,400	16,300
6	Urban	Collector	-	-	-	2	Undivided	-	-	4,800	10,000	12,600
7	Urban	Highway	-	< 4.5/mile	-	4	Undivided	-	3,500	23,200	29,100	30,600
8	Urban	Arterial	-	-	-	4	Undivided	-	-	15,600	27,800	29,400
9	Urban	Highway	-	< 2/mile	-	4	Undivided	3,500	20,900	24,600	25,700	-
10	Urban	Collector	-	-	-	4	Undivided	-	-	9,800	19,200	22,800
11	Urban	Highway	-	< 2/mile	-	2	Undivided	-	4,000	13,100	15,500	16,300
12	Urban	Arterial	-	-	-	2	Undivided	-	-	7,000	13,600	14,600
13	Transition	Freeway	-	-	-	4	-	23,500	38,700	52,500	62,200	69,100
14	Transition	Collector	-	-	-	2	Undivided	-	-	4,400	9,400	12,000
15	Rural	Freeway	-	-	-	6	-	33,100	54,300	73,900	87,400	97,200
16	Rural	Freeway	-	-	-	4	-	21,300	35,300	47,900	56,600	63,000
17	Rural	Non-Freeway	-	-	Uninterrupted	4	Divided	17,500	28,600	40,800	52,400	58,300
18	Rural	Non-Freeway	-	-	Isolated Stops	4	-	-	2,900	17,400	23,000	25,200
19	Rural	Non-Freeway	-	-	Uninterrupted	2	Undivided	2,600	5,300	8,600	13,800	22,300
20	Rural	Non-Freeway	-	-	Isolated Stops	2	Undivided	-	1,900	8,000	10,700	12,100
21	Suburban	Non-Freeway	-	-	Interrupted	4	Divided	-	5,300	25,200	29,400	31,200
22	Suburban	Highway	-	-	Uninterrupted	2	Undivided	2,500	7,200	12,700	17,300	23,500
23	Suburban	Arterial	-	-	Interrupted	2	Undivided	-	2,200	11,000	13,900	14,900
24	Suburban	Collector	-	-	-	2	Undivided	-	-	1,900	7,600	10,100

Source: *Merced County 2013*.

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	Existing (2016)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2050	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1416
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.60
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.1
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	Existing (2016)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2150	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1485
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.63
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	23.1
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	Existing (2016)
Jurisdiction	CDM Smith	Time Period Analyzed	AM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1700	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1174
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.50
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	18.1
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	Existing (2016)
Jurisdiction	CDM Smith	Time Period Analyzed	PM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1100	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	760
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.32
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	11.7
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	Existing (2016)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd 550 veh/h
Opposing direction volume, Vo 350 veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.3	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.917	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	644	pc/h	434	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.2	mi/h
Average travel speed, ATSd	42.2	mi/h
Percent Free Flow Speed, PFFS	80.0	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	625 pc/h	410 pc/h
Base percent time-spent-following,(note-4) BPTSFd	57.6 %	
Adjustment for no-passing zones, fnp	32.9	
Percent time-spent-following, PTSFd	77.5 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.37	
Peak 15-min vehicle-miles of travel, VMT15	531	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1870	veh-mi
Peak 15-min total travel time, TT15	12.6	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.2	mi/h
Percent time-spent-following, PTSFd (from above)	77.5	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	625.0
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.20
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	Existing (2016)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd 650 veh/h
Opposing direction volume, Vo 300 veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.4	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.893	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	761	pc/h	382	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.4	mi/h
Average travel speed, ATSd	41.5	mi/h
Percent Free Flow Speed, PFFS	78.6	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	739 pc/h	351 pc/h
Base percent time-spent-following,(note-4) BPTSFd	61.8 %	
Adjustment for no-passing zones, fnp	28.0	
Percent time-spent-following, PTSFd	80.8 %	

Level of Service and Other Performance Measures

Level of service, LOS	E	
Volume to capacity ratio, v/c	0.43	
Peak 15-min vehicle-miles of travel, VMT15	628	veh-mi
Peak-hour vehicle-miles of travel, VMT60	2210	veh-mi
Peak 15-min total travel time, TT15	15.1	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	41.5	mi/h
Percent time-spent-following, PTSFd (from above)	80.8	
Level of service, LOSd (from above)	E	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	738.6
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.29
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	Existing (2016)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd 350 veh/h
Opposing direction volume, Vo 550 veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.3		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.917		0.971	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	434	pc/h	644	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.4	mi/h
Average travel speed, ATSd	43.0	mi/h
Percent Free Flow Speed, PFFS	81.4	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	410 pc/h	625 pc/h
Base percent time-spent-following,(note-4) BPTSFd	46.1 %	
Adjustment for no-passing zones, fnp	33.0	
Percent time-spent-following, PTSFd	59.2 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.23	
Peak 15-min vehicle-miles of travel, VMT15	338	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1190	veh-mi
Peak 15-min total travel time, TT15	7.9	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	43.0	mi/h
Percent time-spent-following, PTSFd (from above)	59.2	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	397.7
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.97
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	Existing (2016)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd 300 veh/h
Opposing direction volume, Vo 650 veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.4		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.893		0.971	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	382	pc/h	761	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.1	mi/h
Average travel speed, ATSd	42.8	mi/h
Percent Free Flow Speed, PFFS	81.0	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	351 pc/h	739 pc/h
Base percent time-spent-following,(note-4) BPTSFd	43.8 %	
Adjustment for no-passing zones, fnp	28.1	
Percent time-spent-following, PTSFd	52.8 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.20	
Peak 15-min vehicle-miles of travel, VMT15	290	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1020	veh-mi
Peak 15-min total travel time, TT15	6.8	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.8	mi/h
Percent time-spent-following, PTSFd (from above)	52.8	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	340.9
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.89
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2101	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1452
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.62
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.6
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2200	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1520
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.65
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	23.7
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020
Jurisdiction	CDM Smith	Time Period Analyzed	AM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1750	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1209
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.51
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	18.6
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020
Jurisdiction	CDM Smith	Time Period Analyzed	PM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1100	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	760
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.32
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	11.7
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd 550 veh/h
Opposing direction volume, Vo 350 veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.3	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.917	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	644	pc/h	434	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.2	mi/h
Average travel speed, ATSd	42.2	mi/h
Percent Free Flow Speed, PFFS	80.0	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	625 pc/h	410 pc/h
Base percent time-spent-following,(note-4) BPTSFd	57.6 %	
Adjustment for no-passing zones, fnp	32.9	
Percent time-spent-following, PTSFd	77.5 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.37	
Peak 15-min vehicle-miles of travel, VMT15	531	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1870	veh-mi
Peak 15-min total travel time, TT15	12.6	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.2	mi/h
Percent time-spent-following, PTSFd (from above)	77.5	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	625.0
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.20
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd 650 veh/h
Opposing direction volume, Vo 300 veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.4	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.893	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	761	pc/h	382	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.4	mi/h
Average travel speed, ATSd	41.5	mi/h
Percent Free Flow Speed, PFFS	78.6	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	739 pc/h	351 pc/h
Base percent time-spent-following,(note-4) BPTSFd	61.8 %	
Adjustment for no-passing zones, fnp	28.0	
Percent time-spent-following, PTSFd	80.8 %	

Level of Service and Other Performance Measures

Level of service, LOS	E	
Volume to capacity ratio, v/c	0.43	
Peak 15-min vehicle-miles of travel, VMT15	628	veh-mi
Peak-hour vehicle-miles of travel, VMT60	2210	veh-mi
Peak 15-min total travel time, TT15	15.1	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	41.5	mi/h
Percent time-spent-following, PTSFd (from above)	80.8	
Level of service, LOSd (from above)	E	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	738.6
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.29
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	350	veh/h
Opposing direction volume, Vo	550	veh/h

Average Travel Speed

Direction	Analysis (d)		Opposing (o)	
PCE for trucks, ET	1.3		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor, (note-5) fHV	0.917		0.971	
Grade adj. factor, (note-1) fg	1.00		1.00	
Directional flow rate, (note-2) vi	434	pc/h	644	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed, (note-3) S FM	-	mi/h
Observed total demand, (note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed, (note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width, (note-3) fLS	0.0	mi/h
Adj. for access point density, (note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.4	mi/h
Average travel speed, ATSd	43.0	mi/h
Percent Free Flow Speed, PFFS	81.4	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	410 pc/h	625 pc/h
Base percent time-spent-following,(note-4) BPTSFd	46.1 %	
Adjustment for no-passing zones, fnp	33.0	
Percent time-spent-following, PTSFd	59.2 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.23	
Peak 15-min vehicle-miles of travel, VMT15	338	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1190	veh-mi
Peak 15-min total travel time, TT15	7.9	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	43.0	mi/h
Percent time-spent-following, PTSFd (from above)	59.2	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	397.7
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.97
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	300	veh/h
Opposing direction volume, Vo	650	veh/h

Average Travel Speed

Direction	Analysis (d)		Opposing (o)	
PCE for trucks, ET	1.4		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor, (note-5) fHV	0.893		0.971	
Grade adj. factor, (note-1) fg	1.00		1.00	
Directional flow rate, (note-2) vi	382	pc/h	761	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed, (note-3) S FM	-	mi/h
Observed total demand, (note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed, (note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width, (note-3) fLS	0.0	mi/h
Adj. for access point density, (note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.1	mi/h
Average travel speed, ATSd	42.8	mi/h
Percent Free Flow Speed, PFFS	81.0	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	351 pc/h	739 pc/h
Base percent time-spent-following,(note-4) BPTSFd	43.8 %	
Adjustment for no-passing zones, fnp	28.1	
Percent time-spent-following, PTSFd	52.8 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.20	
Peak 15-min vehicle-miles of travel, VMT15	290	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1020	veh-mi
Peak 15-min total travel time, TT15	6.8	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.8	mi/h
Percent time-spent-following, PTSFd (from above)	52.8	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	340.9
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.89
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2101	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1452
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.62
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.6
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2101	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1452
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.62
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.6
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	AM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1751	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1210
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.51
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	18.6
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1201	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	747
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.32
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	12.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

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Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2008	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1249
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.54
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	20.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

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Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1601	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	996
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

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Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	950	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	591
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.25
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	9.5
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	201	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	125
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.05
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	2.0
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1916	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1192
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.51
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	19.2
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1601	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	996
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.0
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+ReservoirRestriction
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	650	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	404
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.17
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	6.5
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020+ReservoirRestriction Alt
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	551	veh/h
Opposing direction volume, Vo	351	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.3	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.917	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	645	pc/h	435	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.2	mi/h
Average travel speed, ATSd	42.2	mi/h
Percent Free Flow Speed, PFFS	80.0	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	626 pc/h	411 pc/h
Base percent time-spent-following,(note-4) BPTSFd	57.7 %	
Adjustment for no-passing zones, fnp	32.8	
Percent time-spent-following, PTSFd	77.5 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.37	
Peak 15-min vehicle-miles of travel, VMT15	532	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1873	veh-mi
Peak 15-min total travel time, TT15	12.6	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.2	mi/h
Percent time-spent-following, PTSFd (from above)	77.5	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	626.1
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.20
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020+ReservoirRestriction Alt
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	654	veh/h
Opposing direction volume, Vo	300	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.4	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.893	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	765	pc/h	382	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.4	mi/h
Average travel speed, ATSd	41.4	mi/h
Percent Free Flow Speed, PFFS	78.6	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	743 pc/h	351 pc/h
Base percent time-spent-following,(note-4) BPTSFd	62.0 %	
Adjustment for no-passing zones, fnp	27.9	
Percent time-spent-following, PTSFd	80.9 %	

Level of Service and Other Performance Measures

Level of service, LOS	E	
Volume to capacity ratio, v/c	0.44	
Peak 15-min vehicle-miles of travel, VMT15	632	veh-mi
Peak-hour vehicle-miles of travel, VMT60	2224	veh-mi
Peak 15-min total travel time, TT15	15.3	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	41.4	mi/h
Percent time-spent-following, PTSFd (from above)	80.9	
Level of service, LOSd (from above)	E	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	743.2
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.29
Bicycle LOS	F

Notes:

1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020+ReservoirRestriction
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	351	veh/h
Opposing direction volume, Vo	551	veh/h

Average Travel Speed

Direction	Analysis (d)		Opposing (o)	
PCE for trucks, ET	1.3		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor, (note-5) fHV	0.917		0.971	
Grade adj. factor, (note-1) fg	1.00		1.00	
Directional flow rate, (note-2) vi	435	pc/h	645	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed, (note-3) S FM	-	mi/h
Observed total demand, (note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed, (note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width, (note-3) fLS	0.0	mi/h
Adj. for access point density, (note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.4	mi/h
Average travel speed, ATSd	42.9	mi/h
Percent Free Flow Speed, PFFS	81.4	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	411 pc/h	626 pc/h
Base percent time-spent-following,(note-4) BPTSFd	47.2 %	
Adjustment for no-passing zones, fnp	33.0	
Percent time-spent-following, PTSFd	60.3 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.23	
Peak 15-min vehicle-miles of travel, VMT15	339	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1193	veh-mi
Peak 15-min total travel time, TT15	7.9	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.9	mi/h
Percent time-spent-following, PTSFd (from above)	60.3	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	398.9
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.97
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020+ReservoirRestriction
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	300	veh/h
Opposing direction volume, Vo	654	veh/h

Average Travel Speed

Direction	Analysis (d)		Opposing (o)	
PCE for trucks, ET	1.4		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor, (note-5) fHV	0.893		0.971	
Grade adj. factor, (note-1) fg	1.00		1.00	
Directional flow rate, (note-2) vi	382	pc/h	765	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed, (note-3) S FM	-	mi/h
Observed total demand, (note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed, (note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width, (note-3) fLS	0.0	mi/h
Adj. for access point density, (note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.1	mi/h
Average travel speed, ATSd	42.7	mi/h
Percent Free Flow Speed, PFFS	81.0	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	351 pc/h	743 pc/h
Base percent time-spent-following,(note-4) BPTSFd	44.6 %	
Adjustment for no-passing zones, fnp	28.0	
Percent time-spent-following, PTSFd	53.6 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.20	
Peak 15-min vehicle-miles of travel, VMT15	290	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1020	veh-mi
Peak 15-min total travel time, TT15	6.8	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.7	mi/h
Percent time-spent-following, PTSFd (from above)	53.6	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	340.9
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.89
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2104	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1454
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.62
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.6
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2200	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1520
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.65
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	23.7
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1754	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1212
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.52
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	18.6
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1122	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	775
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.33
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	11.9
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1206	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	750
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.32
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	12.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2044	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1272
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.55
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	20.4
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1606	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	999
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	950	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	591
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.25
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	9.5
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	210	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	130
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.06
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	2.1
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1966	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1223
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.53
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	19.7
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1610	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1002
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.1
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(w/ ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	650	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	404
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.17
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	6.5
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020+CrestRaise w/ Shear Key
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	554	veh/h
Opposing direction volume, Vo	354	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.3	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.917	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	648	pc/h	439	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.2	mi/h
Average travel speed, ATSd	42.2	mi/h
Percent Free Flow Speed, PFFS	79.9	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	630 pc/h	402 pc/h
Base percent time-spent-following,(note-4) BPTSFd	56.8 %	
Adjustment for no-passing zones, fnp	33.0	
Percent time-spent-following, PTSFd	76.9 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.37	
Peak 15-min vehicle-miles of travel, VMT15	535	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1884	veh-mi
Peak 15-min total travel time, TT15	12.7	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.2	mi/h
Percent time-spent-following, PTSFd (from above)	76.9	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	629.5
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.21
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020+CrestRaise w/o Shear Key
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	672	veh/h
Opposing direction volume, Vo	300	veh/h

Average Travel Speed

Direction	Analysis (d)		Opposing (o)	
PCE for trucks, ET	1.1		1.4	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor, (note-5) fHV	0.971		0.893	
Grade adj. factor, (note-1) fg	1.00		1.00	
Directional flow rate, (note-2) vi	786	pc/h	382	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed, (note-3) S FM	-	mi/h
Observed total demand, (note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed, (note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width, (note-3) fLS	0.0	mi/h
Adj. for access point density, (note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.4	mi/h
Average travel speed, ATSd	41.3	mi/h
Percent Free Flow Speed, PFFS	78.3	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	764 pc/h	351 pc/h
Base percent time-spent-following,(note-4) BPTSFd	62.9 %	
Adjustment for no-passing zones, fnp	27.2	
Percent time-spent-following, PTSFd	81.5 %	

Level of Service and Other Performance Measures

Level of service, LOS	E	
Volume to capacity ratio, v/c	0.45	
Peak 15-min vehicle-miles of travel, VMT15	649	veh-mi
Peak-hour vehicle-miles of travel, VMT60	2285	veh-mi
Peak 15-min total travel time, TT15	15.7	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	41.3	mi/h
Percent time-spent-following, PTSFd (from above)	81.5	
Level of service, LOSd (from above)	E	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	763.6
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.30
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020+CrestRaise(w/ ShearKey)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	354	veh/h
Opposing direction volume, Vo	554	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.3		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.917		0.971	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	439	pc/h	648	pc/h

Free-Flow Speed from Field Measurement:

Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h

Estimated Free-Flow Speed:

Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.4	mi/h
Average travel speed, ATSd	42.9	mi/h
Percent Free Flow Speed, PFFS	81.3	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	402 pc/h	630 pc/h
Base percent time-spent-following,(note-4) BPTSFd	46.3 %	
Adjustment for no-passing zones, fnp	33.1	
Percent time-spent-following, PTSFd	59.2 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.24	
Peak 15-min vehicle-miles of travel, VMT15	342	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1204	veh-mi
Peak 15-min total travel time, TT15	8.0	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.9	mi/h
Percent time-spent-following, PTSFd (from above)	59.2	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	402.3
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.98
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020+CrestRaise(w/ ShearKey)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	300	veh/h
Opposing direction volume, Vo	672	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.4		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.893		0.971	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	382	pc/h	786	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.1	mi/h
Average travel speed, ATSd	42.6	mi/h
Percent Free Flow Speed, PFFS	80.8	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	351 pc/h	764 pc/h
Base percent time-spent-following,(note-4) BPTSFd	44.6 %	
Adjustment for no-passing zones, fnp	27.3	
Percent time-spent-following, PTSFd	53.2 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.20	
Peak 15-min vehicle-miles of travel, VMT15	290	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1020	veh-mi
Peak 15-min total travel time, TT15	6.8	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.6	mi/h
Percent time-spent-following, PTSFd (from above)	53.2	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	340.9
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.89
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2104	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1454
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.62
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.6
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Northbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2200	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1520
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.65
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	23.7
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM
Project Description	B.F. Sisk Dam Safety of Dams Modification Project Southbound I-5 S of SR 152		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1754	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1212
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.52
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	18.6
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1206	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	750
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.32
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	12.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	2034	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1266
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.54
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	20.3
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1606	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	999
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of I-5		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	950	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	591
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.25
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	9.5
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	210	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	130
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.06
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	2.1
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Eastbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1950	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1213
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.52
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	19.5
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	AM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	1610	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	1002
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.1
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	SHC	Date	7/12/2018
Agency	CDM Smith	Analysis Year	2020+CrestRaise(wo ShearKey)
Jurisdiction	CDM Smith	Time Period Analyzed	PM Peak
Project Description	B.F. Sisk Dam Safety of Dams Modification Project - Westbound SR 152 W of SR 33		

Geometric Data

Number of Lanes (N), ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume (V), veh/h	650	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor (PHF)	0.94	Flow Rate (v_p), pc/h/ln	404
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.17
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	6.5
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020+CrestRaise(wo ShearKey)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	554	veh/h
Opposing direction volume, Vo	354	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.3	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.917	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	648	pc/h	439	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.2	mi/h
Average travel speed, ATSd	42.2	mi/h
Percent Free Flow Speed, PFFS	79.9	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	630 pc/h	402 pc/h
Base percent time-spent-following,(note-4) BPTSFd	56.8 %	
Adjustment for no-passing zones, fnp	33.0	
Percent time-spent-following, PTSFd	76.9 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.37	
Peak 15-min vehicle-miles of travel, VMT15	535	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1884	veh-mi
Peak 15-min total travel time, TT15	12.7	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.2	mi/h
Percent time-spent-following, PTSFd (from above)	76.9	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	629.5
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.21
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Northbound
From/To	SR 152/I-5
Jurisdiction	
Analysis Year	2020+CrestRaise (wo ShearKey)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	60	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	666	veh/h
Opposing direction volume, Vo	300	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.1		1.4	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.971		0.893	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	779	pc/h	382	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	2.4	mi/h
Average travel speed, ATSd	41.3	mi/h
Percent Free Flow Speed, PFFS	78.4	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.1
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	0.971
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	757 pc/h	351 pc/h
Base percent time-spent-following,(note-4) BPTSFd	62.6 %	
Adjustment for no-passing zones, fnp	27.4	
Percent time-spent-following, PTSFd	81.3 %	

Level of Service and Other Performance Measures

Level of service, LOS	E	
Volume to capacity ratio, v/c	0.44	
Peak 15-min vehicle-miles of travel, VMT15	643	veh-mi
Peak-hour vehicle-miles of travel, VMT60	2264	veh-mi
Peak 15-min total travel time, TT15	15.6	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	41.3	mi/h
Percent time-spent-following, PTSFd (from above)	81.3	
Level of service, LOSd (from above)	E	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	756.8
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	12.30
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	AM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020+CrestRaise(wo ShearKey)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	354	veh/h
Opposing direction volume, Vo	554	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.3		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.917		0.971	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	439	pc/h	648	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.4	mi/h
Average travel speed, ATSd	42.9	mi/h
Percent Free Flow Speed, PFFS	81.3	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.0	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	1.000	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	402 pc/h	630 pc/h
Base percent time-spent-following,(note-4) BPTSFd	46.3 %	
Adjustment for no-passing zones, fnp	33.1	
Percent time-spent-following, PTSFd	59.2 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.24	
Peak 15-min vehicle-miles of travel, VMT15	342	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1204	veh-mi
Peak 15-min total travel time, TT15	8.0	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.9	mi/h
Percent time-spent-following, PTSFd (from above)	59.2	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	402.3
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.98
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

HCS7: Two-Lane Highways Release 7.4

Phone: Fax:
E-Mail:

Directional Two-Lane Highway Segment Analysis

Analyst	SHC
Agency/Co.	CDM Smith
Date Performed	7/12/2018
Analysis Time Period	PM Peak
Highway	SR 33 Southbound
From/To	I-5/SR 152
Jurisdiction	
Analysis Year	2020+CrestRaise(wo ShearKey)
Description	B.F. Sisk Dam Safety of Dams M

Input Data

Highway class	Class 1		Peak hour factor, PHF	0.88	
Shoulder width	15.0	ft	% Trucks and buses	30	%
Lane width	12.0	ft	% Trucks crawling	0.0	%
Segment length	3.4	mi	Truck crawl speed	0.0	mi/hr
Terrain type	Level		% Recreational vehicles	4	%
Grade: Length	-	mi	% No-passing zones	62	%
Up/down	-	%	Access point density	9	/mi

Analysis direction volume, Vd	300	veh/h
Opposing direction volume, Vo	666	veh/h

Average Travel Speed

Direction	Analysis(d)		Opposing (o)	
PCE for trucks, ET	1.4		1.1	
PCE for RVs, ER	1.0		1.0	
Heavy-vehicle adj. factor,(note-5) fHV	0.893		0.971	
Grade adj. factor,(note-1) fg	1.00		1.00	
Directional flow rate,(note-2) vi	382	pc/h	779	pc/h

Free-Flow Speed from Field Measurement:		
Field measured speed,(note-3) S FM	-	mi/h
Observed total demand,(note-3) V	-	veh/h
Estimated Free-Flow Speed:		
Base free-flow speed,(note-3) BFFS	55.0	mi/h
Adj. for lane and shoulder width,(note-3) fLS	0.0	mi/h
Adj. for access point density,(note-3) fA	2.3	mi/h
Free-flow speed, FFSd	52.8	mi/h
Adjustment for no-passing zones, fnp	1.1	mi/h
Average travel speed, ATSd	42.7	mi/h
Percent Free Flow Speed, PFFS	80.9	%

Percent Time-Spent-Following

Direction	Analysis(d)	Opposing (o)
PCE for trucks, ET	1.1	1.0
PCE for RVs, ER	1.0	1.0
Heavy-vehicle adjustment factor, fHV	0.971	1.000
Grade adjustment factor,(note-1) fg	1.00	1.00
Directional flow rate,(note-2) vi	351 pc/h	757 pc/h
Base percent time-spent-following,(note-4) BPTSFd	44.0 %	
Adjustment for no-passing zones, fnp	27.5	
Percent time-spent-following, PTSFd	52.7 %	

Level of Service and Other Performance Measures

Level of service, LOS	D	
Volume to capacity ratio, v/c	0.20	
Peak 15-min vehicle-miles of travel, VMT15	290	veh-mi
Peak-hour vehicle-miles of travel, VMT60	1020	veh-mi
Peak 15-min total travel time, TT15	6.8	veh-h
Capacity from ATS, CdATS	1700	veh/h
Capacity from PTSF, CdPTSF	1700	veh/h
Directional Capacity	1700	veh/h

Passing Lane Analysis

Total length of analysis segment, Lt	3.4	mi
Length of two-lane highway upstream of the passing lane, Lu	-	mi
Length of passing lane including tapers, Lpl	-	mi
Average travel speed, ATSd (from above)	42.7	mi/h
Percent time-spent-following, PTSFd (from above)	52.7	
Level of service, LOSd (from above)	D	

Average Travel Speed with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for average travel speed, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for average travel speed, Ld	-	mi
Adj. factor for the effect of passing lane on average speed, fpl	-	
Average travel speed including passing lane, ATSpl	-	
Percent free flow speed including passing lane, PFFSpl	0.0	%

Percent Time-Spent-Following with Passing Lane

Downstream length of two-lane highway within effective length of passing lane for percent time-spent-following, Lde	-	mi
Length of two-lane highway downstream of effective length of the passing lane for percent time-spent-following, Ld	-	mi
Adj. factor for the effect of passing lane on percent time-spent-following, fpl	-	
Percent time-spent-following including passing lane, PTSFpl	-	%

Level of Service and Other Performance Measures with Passing Lane

Level of service including passing lane, LOSpl	E	
Peak 15-min total travel time, TT15	-	veh-h

Bicycle Level of Service

Posted speed limit, Sp	55
Percent of segment with occupied on-highway parking	0
Pavement rating, P	3
Flow rate in outside lane, vOL	340.9
Effective width of outside lane, We	42.00
Effective speed factor, St	4.79
Bicycle LOS Score, BLOS	11.89
Bicycle LOS	F

Notes:
1. Note that the adjustment factor for level terrain is 1.00, as level terrain is one of the base conditions. For the purpose of grade adjustment, specific dewngrade segments are treated as level terrain.
2. If vi (vd or vo) >= 1,700 pc/h, terminate analysis-the LOS is F.
3. For the analysis direction only and for v>200 veh/h.
4. For the analysis direction only.
5. Use alternative Exhibit 15-14 if some trucks operate at crawl speeds on a specific downgrade.

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	203	2	2	1590	2	2
Future Vol, veh/h	203	2	2	1590	2	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Yield	-	Free	-	Yield
Storage Length	-	400	520	-	0	75
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	17	0	0	17	0	0
Mvmt Flow	221	2	2	1728	2	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	221	0	916	111
Stage 1	-	-	-	-	221	-
Stage 2	-	-	-	-	695	-
Critical Hdwy	-	-	4.1	-	6.25	6.9
Critical Hdwy Stg 1	-	-	-	-	5.8	-
Critical Hdwy Stg 2	-	-	-	-	6	-
Follow-up Hdwy	-	-	2.2	-	3.65	3.3
Pot Cap-1 Maneuver	-	-	1360	-	309	927
Stage 1	-	-	-	-	771	-
Stage 2	-	-	-	-	432	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1360	-	309	927
Mov Cap-2 Maneuver	-	-	-	-	309	-
Stage 1	-	-	-	-	770	-
Stage 2	-	-	-	-	432	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	12.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	309	927	-	-	1360	-
HCM Lane V/C Ratio	0.007	0.002	-	-	0.002	-
HCM Control Delay (s)	16.7	8.9	-	-	7.7	-
HCM Lane LOS	C	A	-	-	A	-
HCM 95th %tile Q(veh)	0	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Traffic Vol, veh/h	0	199	6	11	1589	0	1	0	1	0	0	0
Future Vol, veh/h	0	199	6	11	1589	0	1	0	1	0	0	0
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	240	-	-	230	-	-	-	-	25	-	-	25
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	17	17	17	17	2	17	2	17	2	2	2
Mvmt Flow	0	216	7	12	1727	0	1	0	1	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1727	0	0	223	0	0	1108	1971	112	1859	1974	864
Stage 1	-	-	-	-	-	-	220	220	-	1751	1751	-
Stage 2	-	-	-	-	-	-	888	1751	-	108	223	-
Critical Hdwy	4.14	-	-	4.44	-	-	7.84	6.54	7.24	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.37	-	-	3.67	4.02	3.47	3.52	4.02	3.32
Pot Cap-1 Maneuver	362	-	-	1241	-	-	147	62	874	45	61	297
Stage 1	-	-	-	-	-	-	721	720	-	89	138	-
Stage 2	-	-	-	-	-	-	276	138	-	886	718	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	362	-	-	1241	-	-	146	61	874	45	60	297
Mov Cap-2 Maneuver	-	-	-	-	-	-	146	61	-	45	60	-
Stage 1	-	-	-	-	-	-	721	720	-	89	137	-
Stage 2	-	-	-	-	-	-	273	137	-	885	718	-

Approach	SE	NW	NE	SW
HCM Control Delay, s	0	0.1	19.5	0
HCM LOS			C	A

Minor Lane/Major Mvmt	NELn1	NELn2	NWL	NWT	NWR	SEL	SET	SER	SWLn1	SWLn2
Capacity (veh/h)	146	874	1241	-	-	362	-	-	-	-
HCM Lane V/C Ratio	0.007	0.001	0.01	-	-	-	-	-	-	-
HCM Control Delay (s)	29.8	9.1	7.9	-	-	0	-	-	0	0
HCM Lane LOS	D	A	A	-	-	A	-	-	A	A
HCM 95th %tile Q(veh)	0	0	0	-	-	0	-	-	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	1883	10	10	652	10	10
Future Vol, veh/h	1883	10	10	652	10	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Yield	-	Free	-	Yield
Storage Length	-	400	520	-	0	75
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	17	0	0	17	0	0
Mvmt Flow	2047	11	11	709	11	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	2047	0	2353	1024
Stage 1	-	-	-	-	2047	-
Stage 2	-	-	-	-	306	-
Critical Hdwy	-	-	4.1	-	6.25	6.9
Critical Hdwy Stg 1	-	-	-	-	5.8	-
Critical Hdwy Stg 2	-	-	-	-	6	-
Follow-up Hdwy	-	-	2.2	-	3.65	3.3
Pot Cap-1 Maneuver	-	-	279	-	44	236
Stage 1	-	-	-	-	87	-
Stage 2	-	-	-	-	689	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	279	-	42	236
Mov Cap-2 Maneuver	-	-	-	-	42	-
Stage 1	-	-	-	-	84	-
Stage 2	-	-	-	-	689	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	69.7
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	42	236	-	-	279	-
HCM Lane V/C Ratio	0.259	0.046	-	-	0.039	-
HCM Control Delay (s)	118.4	21	-	-	18.4	-
HCM Lane LOS	F	C	-	-	C	-
HCM 95th %tile Q(veh)	0.9	0.1	-	-	0.1	-

Intersection	
Int Delay, s/veh	0.8

Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations												
Traffic Vol, veh/h	0	1891	2	3	647	0	5	0	9	0	0	0
Future Vol, veh/h	0	1891	2	3	647	0	5	0	9	0	0	0
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	240	-	-	230	-	-	-	-	25	-	-	25
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	17	17	17	17	2	17	2	17	2	2	2
Mvmt Flow	0	2055	2	3	703	0	5	0	10	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	703	0	0	2057	0	0	2414	2765	1029	1737	2766	352
Stage 1	-	-	-	-	-	-	2056	2056	-	709	709	-
Stage 2	-	-	-	-	-	-	358	709	-	1028	2057	-
Critical Hdwy	4.14	-	-	4.44	-	-	7.84	6.54	7.24	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.37	-	-	3.67	4.02	3.47	3.52	4.02	3.32
Pot Cap-1 Maneuver	890	-	-	219	-	-	14	19	207	56	19	644
Stage 1	-	-	-	-	-	-	47	97	-	391	435	-
Stage 2	-	-	-	-	-	-	593	435	-	251	96	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	890	-	-	219	-	-	14	19	207	53	19	644
Mov Cap-2 Maneuver	-	-	-	-	-	-	14	19	-	53	19	-
Stage 1	-	-	-	-	-	-	47	97	-	391	429	-
Stage 2	-	-	-	-	-	-	585	429	-	239	96	-

Approach	SE	NW	NE	SW
HCM Control Delay, s	0	0.1	149.7	0
HCM LOS			F	A

Minor Lane/Major Mvmt	NELn1	NELn2	NWL	NWT	NWR	SEL	SET	SER	SWLn1	SWLn2
Capacity (veh/h)	14	207	219	-	-	890	-	-	-	-
HCM Lane V/C Ratio	0.388	0.047	0.015	-	-	-	-	-	-	-
HCM Control Delay (s)	$ 377.2	23.3	21.7	-	-	0	-	-	0	0
HCM Lane LOS	F	C	C	-	-	A	-	-	A	A
HCM 95th %tile Q(veh)	1	0.1	0	-	-	0	-	-	-	-

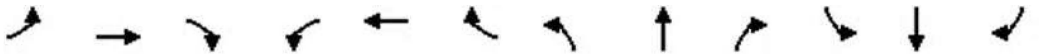
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	203	2	4	1582	2	4
Future Volume (veh/h)	203	2	4	1582	2	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1648	1900	1337	1648	1900	1337
Adj Flow Rate, veh/h	221	0	4	1720	2	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	17	0	38	17	0	38
Cap, veh/h	2714		7	4111	5	
Arrive On Green	0.87	0.00	0.01	0.91	0.00	0.00
Sat Flow, veh/h	3214	1610	1273	4648	1810	1133
Grp Volume(v), veh/h	221	0	4	1720	2	0
Grp Sat Flow(s),veh/h/ln	1566	1610	1273	1500	1810	1133
Q Serve(g_s), s	1.1	0.0	0.3	5.7	0.1	0.0
Cycle Q Clear(g_c), s	1.1	0.0	0.3	5.7	0.1	0.0
Prop In Lane		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	2714		7	4111	5	
V/C Ratio(X)	0.08		0.60	0.42	0.41	
Avail Cap(c_a), veh/h	2714		136	4111	210	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	1.0	0.0	53.5	0.6	53.7	0.0
Incr Delay (d2), s/veh	0.1	0.0	64.4	0.3	47.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.1	0.1	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	1.1	0.0	117.9	1.0	100.7	0.0
LnGrp LOS	A		F	A	F	
Approach Vol, veh/h	221	A		1724	2	A
Approach Delay, s/veh	1.1			1.2	100.7	
Approach LOS	A			A	F	

Timer - Assigned Phs	2	3	4	8
Phs Duration (G+Y+Rc), s	4.8	5.1	97.9	103.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	11.5	82.5	98.5
Max Q Clear Time (g_c+I1), s	2.1	2.3	3.1	7.7
Green Ext Time (p_c), s	0.0	0.0	1.3	18.9

Intersection Summary	
HCM 6th Ctrl Delay	1.3
HCM 6th LOS	A

Notes

Unsignalized Delay for [NBR, EBR, WBT] 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)	0	201	6	15	1585	0	1	0	5	0	0	0
Future Volume (veh/h)	0	201	6	15	1585	0	1	0	5	0	0	0
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	1870	1633	1633	1366	1648	1648	1870	1870	818	1870	1870	1870
Adj Flow Rate, veh/h	0	218	7	16	1723	0	1	0	5	0	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	18	18	36	17	17	2	2	73	2	2	2
Cap, veh/h	2	2607	83	23	2846	0	78	0	5	0	14	12
Arrive On Green	0.00	0.85	0.85	0.02	0.91	0.00	0.01	0.00	0.01	0.00	0.00	0.00
Sat Flow, veh/h	1781	3069	98	1301	3214	0	1417	0	693	0	1870	1585
Grp Volume(v), veh/h	0	110	115	16	1723	0	1	0	5	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1552	1616	1301	1566	0	1418	0	693	0	1870	1585
Q Serve(g_s), s	0.0	1.2	1.2	1.3	12.0	0.0	0.1	0.0	0.8	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	1.2	1.2	1.3	12.0	0.0	0.1	0.0	0.8	0.0	0.0	0.0
Prop In Lane	1.00		0.06	1.00		0.00	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	2	1318	1372	23	2846	0	78	0	5	0	14	12
V/C Ratio(X)	0.00	0.08	0.08	0.70	0.61	0.00	0.01	0.00	0.95	0.00	0.00	0.00
Avail Cap(c_a), veh/h	124	1318	1372	91	2846	0	166	0	48	0	130	110
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)	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	1.3	1.3	52.6	1.0	0.0	53.1	0.0	53.4	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.1	0.1	31.5	1.0	0.0	0.1	0.0	165.0	0.0	0.0	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	0.0	0.1	0.1	0.6	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	1.4	1.4	84.1	2.0	0.0	53.1	0.0	218.4	0.0	0.0	0.0
LnGrp LOS	A	A	A	F	A	A	D	A	F	A	A	A
Approach Vol, veh/h		225			1739			6			0	
Approach Delay, s/veh		1.4			2.7			190.9			0.0	
Approach LOS		A			A			F				

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	0.0	102.4		5.3	6.4	96.0		5.3				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	7.5	91.5		7.5	7.5	91.5		7.5				
Max Q Clear Time (g_c+I1), s	0.0	14.0		2.8	3.3	3.2		0.0				
Green Ext Time (p_c), s	0.0	20.7		0.0	0.0	1.1		0.0				

Intersection Summary		
HCM 6th Ctrl Delay		3.1
HCM 6th LOS		A

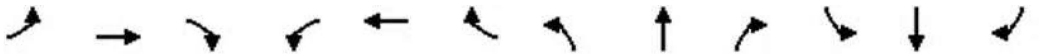
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	1883	10	10	642	10	16
Future Volume (veh/h)	1883	10	10	642	10	16
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1648	1900	1900	1648	1900	1900
Adj Flow Rate, veh/h	2047	0	11	698	11	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	17	0	0	17	0	0
Cap, veh/h	2680		23	4086	23	
Arrive On Green	0.86	0.00	0.01	0.91	0.01	0.00
Sat Flow, veh/h	3214	1610	1810	4648	1810	1610
Grp Volume(v), veh/h	2047	0	11	698	11	0
Grp Sat Flow(s),veh/h/ln	1566	1610	1810	1500	1810	1610
Q Serve(g_s), s	31.0	0.0	0.7	1.9	0.7	0.0
Cycle Q Clear(g_c), s	31.0	0.0	0.7	1.9	0.7	0.0
Prop In Lane		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	2680		23	4086	23	
V/C Ratio(X)	0.76		0.47	0.17	0.47	
Avail Cap(c_a), veh/h	2680		119	4086	119	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	3.4	0.0	55.9	0.6	55.9	0.0
Incr Delay (d2), s/veh	2.1	0.0	14.0	0.1	14.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.5	0.0	0.4	0.0	0.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	5.6	0.0	69.9	0.7	69.9	0.0
LnGrp LOS	A		E	A	E	
Approach Vol, veh/h	2047	A		709	11	A
Approach Delay, s/veh	5.6			1.7	69.9	
Approach LOS	A			A	E	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		6.0	6.0	102.0		108.0
Change Period (Y+Rc), s		4.5	4.5	4.5		4.5
Max Green Setting (Gmax), s		7.5	7.5	91.5		103.5
Max Q Clear Time (g_c+I1), s		2.7	2.7	33.0		3.9
Green Ext Time (p_c), s		0.0	0.0	27.7		4.8

Intersection Summary	
HCM 6th Ctrl Delay	4.8
HCM 6th LOS	A

Notes

Unsignalized Delay for [NBR, EBR, WBT] 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)	0	1897	2	3	647	0	5	0	23	0	0	0
Future Volume (veh/h)	0	1897	2	3	647	0	5	0	23	0	0	0
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	1870	1648	1648	1648	1648	1648	1870	1870	1796	1870	1870	1870
Adj Flow Rate, veh/h	0	2062	2	3	703	0	5	0	25	0	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	17	17	17	17	17	2	2	7	2	2	2
Cap, veh/h	2	2709	3	6	2785	0	105	0	42	0	51	43
Arrive On Green	0.00	0.84	0.84	0.00	0.89	0.00	0.03	0.00	0.03	0.00	0.00	0.00
Sat Flow, veh/h	1781	3210	3	1570	3214	0	1417	0	1522	0	1870	1585
Grp Volume(v), veh/h	0	1006	1058	3	703	0	5	0	25	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1566	1647	1570	1566	0	1418	0	1522	0	1870	1585
Q Serve(g_s), s	0.0	30.3	30.4	0.2	3.5	0.0	0.4	0.0	1.8	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	30.3	30.4	0.2	3.5	0.0	0.4	0.0	1.8	0.0	0.0	0.0
Prop In Lane	1.00		0.00	1.00		0.00	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	2	1321	1391	6	2785	0	105	0	42	0	51	43
V/C Ratio(X)	0.00	0.76	0.76	0.48	0.25	0.00	0.05	0.00	0.60	0.00	0.00	0.00
Avail Cap(c_a), veh/h	123	1321	1391	109	2785	0	164	0	105	0	129	110
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)	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	3.7	3.7	53.9	0.9	0.0	51.5	0.0	52.1	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	4.2	4.0	47.7	0.2	0.0	0.2	0.0	13.0	0.0	0.0	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	0.0	3.5	3.6	0.2	0.1	0.0	0.1	0.0	0.8	0.0	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	7.9	7.7	101.5	1.1	0.0	51.6	0.0	65.1	0.0	0.0	0.0
LnGrp LOS	A	A	A	F	A	A	D	A	E	A	A	A
Approach Vol, veh/h		2064			706			30			0	
Approach Delay, s/veh		7.8			1.5			62.8			0.0	
Approach LOS		A			A			E				

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	0.0	100.9		7.5	4.9	96.0		7.5				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	7.5	91.5		7.5	7.5	91.5		7.5				
Max Q Clear Time (g_c+I1), s	0.0	5.5		3.8	2.2	32.4		0.0				
Green Ext Time (p_c), s	0.0	4.8		0.0	0.0	27.2		0.0				

Intersection Summary			
HCM 6th Ctrl Delay		6.8	
HCM 6th LOS		A	



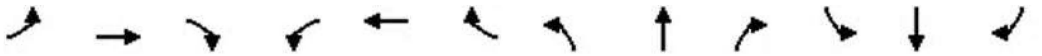
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	203	2	5	1578	2	13
Future Volume (veh/h)	203	2	5	1578	2	13
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1648	1900	1011	1648	1900	1559
Adj Flow Rate, veh/h	221	0	5	1715	2	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	17	0	60	17	0	23
Cap, veh/h	2711		6	4111	5	
Arrive On Green	0.87	0.00	0.01	0.91	0.00	0.00
Sat Flow, veh/h	3214	1610	963	4648	1810	1321
Grp Volume(v), veh/h	221	0	5	1715	2	0
Grp Sat Flow(s),veh/h/ln	1566	1610	963	1500	1810	1321
Q Serve(g_s), s	1.1	0.0	0.6	5.7	0.1	0.0
Cycle Q Clear(g_c), s	1.1	0.0	0.6	5.7	0.1	0.0
Prop In Lane		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	2711		6	4111	5	
V/C Ratio(X)	0.08		0.81	0.42	0.41	
Avail Cap(c_a), veh/h	2711		103	4111	210	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	1.0	0.0	53.5	0.6	53.7	0.0
Incr Delay (d2), s/veh	0.1	0.0	113.1	0.3	47.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.3	0.1	0.1	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	1.1	0.0	166.6	1.0	100.7	0.0
LnGrp LOS	A		F	A	F	
Approach Vol, veh/h	221	A		1720	2	A
Approach Delay, s/veh	1.1			1.4	100.7	
Approach LOS	A			A	F	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		4.8	5.2	97.8		103.0
Change Period (Y+Rc), s		4.5	4.5	4.5		4.5
Max Green Setting (Gmax), s		12.5	11.5	82.5		98.5
Max Q Clear Time (g_c+I1), s		2.1	2.6	3.1		7.7
Green Ext Time (p_c), s		0.0	0.0	1.3		18.8

Intersection Summary	
HCM 6th Ctrl Delay	1.5
HCM 6th LOS	A

Notes

Unsignalized Delay for [NBR, EBR, WBT] 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)	0	210	6	18	1582	0	1	0	26	0	0	0
Future Volume (veh/h)	0	210	6	18	1582	0	1	0	26	0	0	0
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	1870	1633	1633	1174	1648	1648	1870	1870	1485	1870	1870	1870
Adj Flow Rate, veh/h	0	228	7	20	1720	0	1	0	28	0	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	18	18	49	17	17	2	2	28	2	2	2
Cap, veh/h	2	2551	78	23	2792	0	103	0	34	0	50	42
Arrive On Green	0.00	0.83	0.83	0.02	0.89	0.00	0.03	0.00	0.03	0.00	0.00	0.00
Sat Flow, veh/h	1781	3074	94	1118	3214	0	1417	0	1259	0	1870	1585
Grp Volume(v), veh/h	0	115	120	20	1720	0	1	0	28	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1552	1616	1118	1566	0	1418	0	1259	0	1870	1585
Q Serve(g_s), s	0.0	1.5	1.5	2.0	14.6	0.0	0.1	0.0	2.4	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	1.5	1.5	2.0	14.6	0.0	0.1	0.0	2.4	0.0	0.0	0.0
Prop In Lane	1.00		0.06	1.00		0.00	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	2	1288	1342	23	2792	0	103	0	34	0	50	42
V/C Ratio(X)	0.00	0.09	0.09	0.86	0.62	0.00	0.01	0.00	0.83	0.00	0.00	0.00
Avail Cap(c_a), veh/h	121	1288	1342	76	2792	0	162	0	86	0	127	108
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)	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	1.7	1.7	53.8	1.4	0.0	52.3	0.0	53.4	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.1	0.1	55.2	1.0	0.0	0.0	0.0	38.3	0.0	0.0	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	0.0	0.2	0.2	0.9	0.4	0.0	0.0	0.0	1.1	0.0	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	1.9	1.9	109.0	2.5	0.0	52.3	0.0	91.7	0.0	0.0	0.0
LnGrp LOS	A	A	A	F	A	A	D	A	F	A	A	A
Approach Vol, veh/h		235			1740			29			0	
Approach Delay, s/veh		1.9			3.7			90.4			0.0	
Approach LOS		A			A			F				

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	0.0	102.8		7.4	6.8	96.0		7.4				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	7.5	91.5		7.5	7.5	91.5		7.5				
Max Q Clear Time (g_c+I1), s	0.0	16.6		4.4	4.0	3.5		0.0				
Green Ext Time (p_c), s	0.0	20.5		0.0	0.0	1.2		0.0				

Intersection Summary		
HCM 6th Ctrl Delay	4.7	
HCM 6th LOS	A	

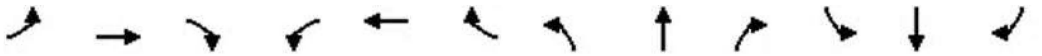
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	1883	10	18	616	10	25
Future Volume (veh/h)	1883	10	18	616	10	25
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1648	1900	1900	1648	1900	1900
Adj Flow Rate, veh/h	2047	0	20	670	11	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	17	0	0	17	0	0
Cap, veh/h	2656		37	4086	23	
Arrive On Green	0.85	0.00	0.02	0.91	0.01	0.00
Sat Flow, veh/h	3214	1610	1810	4648	1810	1610
Grp Volume(v), veh/h	2047	0	20	670	11	0
Grp Sat Flow(s),veh/h/ln	1566	1610	1810	1500	1810	1610
Q Serve(g_s), s	32.7	0.0	1.2	1.8	0.7	0.0
Cycle Q Clear(g_c), s	32.7	0.0	1.2	1.8	0.7	0.0
Prop In Lane		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	2656		37	4086	23	
V/C Ratio(X)	0.77		0.54	0.16	0.47	
Avail Cap(c_a), veh/h	2656		119	4086	119	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	3.8	0.0	55.3	0.6	55.9	0.0
Incr Delay (d2), s/veh	2.2	0.0	11.5	0.1	14.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.2	0.0	0.7	0.0	0.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	6.0	0.0	66.8	0.7	69.9	0.0
LnGrp LOS	A		E	A	E	
Approach Vol, veh/h	2047	A		690	11	A
Approach Delay, s/veh	6.0			2.6	69.9	
Approach LOS	A			A	E	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		6.0	6.8	101.2		108.0
Change Period (Y+Rc), s		4.5	4.5	4.5		4.5
Max Green Setting (Gmax), s		7.5	7.5	91.5		103.5
Max Q Clear Time (g_c+I1), s		2.7	3.2	34.7		3.8
Green Ext Time (p_c), s		0.0	0.0	27.3		4.5

Intersection Summary	
HCM 6th Ctrl Delay	5.4
HCM 6th LOS	A

Notes

Unsignalized Delay for [NBR, EBR, WBT] 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)	0	1906	2	21	629	0	5	0	44	0	0	0
Future Volume (veh/h)	0	1906	2	21	629	0	5	0	44	0	0	0
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	1870	1648	1648	1870	1648	1648	1870	1870	1856	1870	1870	1870
Adj Flow Rate, veh/h	0	2072	2	23	684	0	5	0	48	0	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	17	17	2	17	17	2	2	3	2	2	2
Cap, veh/h	2	2624	3	41	2757	0	120	0	61	0	73	62
Arrive On Green	0.00	0.82	0.82	0.02	0.88	0.00	0.04	0.00	0.04	0.00	0.00	0.00
Sat Flow, veh/h	1781	3210	3	1781	3214	0	1417	0	1572	0	1870	1585
Grp Volume(v), veh/h	0	1010	1064	23	684	0	5	0	48	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1566	1648	1781	1566	0	1418	0	1572	0	1870	1585
Q Serve(g_s), s	0.0	37.2	37.2	1.4	3.7	0.0	0.4	0.0	3.4	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	37.2	37.2	1.4	3.7	0.0	0.4	0.0	3.4	0.0	0.0	0.0
Prop In Lane	1.00		0.00	1.00		0.00	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	2	1280	1347	41	2757	0	120	0	61	0	73	62
V/C Ratio(X)	0.00	0.79	0.79	0.57	0.25	0.00	0.04	0.00	0.78	0.00	0.00	0.00
Avail Cap(c_a), veh/h	119	1280	1347	119	2757	0	159	0	105	0	125	106
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)	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	5.3	5.3	54.1	1.0	0.0	51.9	0.0	53.3	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	5.0	4.8	11.8	0.2	0.0	0.1	0.0	19.1	0.0	0.0	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	0.0	6.6	6.8	0.7	0.1	0.0	0.1	0.0	1.7	0.0	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	10.3	10.0	65.9	1.2	0.0	52.0	0.0	72.4	0.0	0.0	0.0
LnGrp LOS	A	B	B	E	A	A	D	A	E	A	A	A
Approach Vol, veh/h		2074			707			53			0	
Approach Delay, s/veh		10.1			3.3			70.5			0.0	
Approach LOS		B			A			E				

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	0.0	103.1		8.9	7.1	96.0		8.9				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	7.5	91.5		7.5	7.5	91.5		7.5				
Max Q Clear Time (g_c+I1), s	0.0	5.7		5.4	3.4	39.2		0.0				
Green Ext Time (p_c), s	0.0	4.6		0.0	0.0	26.1		0.0				

Intersection Summary			
HCM 6th Ctrl Delay		9.6	
HCM 6th LOS		A	

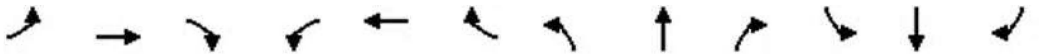
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	203	2	5	1578	2	15
Future Volume (veh/h)	203	2	5	1578	2	15
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1648	1900	1011	1648	1900	1604
Adj Flow Rate, veh/h	221	0	5	1715	2	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	17	0	60	17	0	20
Cap, veh/h	2711		6	4111	5	
Arrive On Green	0.87	0.00	0.01	0.91	0.00	0.00
Sat Flow, veh/h	3214	1610	963	4648	1810	1359
Grp Volume(v), veh/h	221	0	5	1715	2	0
Grp Sat Flow(s),veh/h/ln	1566	1610	963	1500	1810	1359
Q Serve(g_s), s	1.1	0.0	0.6	5.7	0.1	0.0
Cycle Q Clear(g_c), s	1.1	0.0	0.6	5.7	0.1	0.0
Prop In Lane		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	2711		6	4111	5	
V/C Ratio(X)	0.08		0.81	0.42	0.41	
Avail Cap(c_a), veh/h	2711		103	4111	210	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	1.0	0.0	53.5	0.6	53.7	0.0
Incr Delay (d2), s/veh	0.1	0.0	113.1	0.3	47.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.3	0.1	0.1	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	1.1	0.0	166.6	1.0	100.7	0.0
LnGrp LOS	A		F	A	F	
Approach Vol, veh/h	221	A		1720	2	A
Approach Delay, s/veh	1.1			1.4	100.7	
Approach LOS	A			A	F	

Timer - Assigned Phs	2	3	4	8
Phs Duration (G+Y+Rc), s	4.8	5.2	97.8	103.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	11.5	82.5	98.5
Max Q Clear Time (g_c+I1), s	2.1	2.6	3.1	7.7
Green Ext Time (p_c), s	0.0	0.0	1.3	18.8

Intersection Summary	
HCM 6th Ctrl Delay	1.5
HCM 6th LOS	A

Notes

Unsignalized Delay for [NBR, EBR, WBT] 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)	0	212	6	18	1582	0	1	0	31	0	0	0
Future Volume (veh/h)	0	212	6	18	1582	0	1	0	31	0	0	0
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	1870	1633	1633	1174	1648	1648	1870	1870	1559	1870	1870	1870
Adj Flow Rate, veh/h	0	230	7	20	1720	0	1	0	34	0	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	18	18	49	17	17	2	2	23	2	2	2
Cap, veh/h	2	2544	77	23	2783	0	107	0	39	0	56	47
Arrive On Green	0.00	0.83	0.83	0.02	0.89	0.00	0.03	0.00	0.03	0.00	0.00	0.00
Sat Flow, veh/h	1781	3075	93	1118	3214	0	1417	0	1321	0	1870	1585
Grp Volume(v), veh/h	0	116	121	20	1720	0	1	0	34	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1552	1616	1118	1566	0	1418	0	1321	0	1870	1585
Q Serve(g_s), s	0.0	1.5	1.5	2.0	15.0	0.0	0.1	0.0	2.8	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	1.5	1.5	2.0	15.0	0.0	0.1	0.0	2.8	0.0	0.0	0.0
Prop In Lane	1.00		0.06	1.00		0.00	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	2	1284	1337	23	2783	0	107	0	39	0	56	47
V/C Ratio(X)	0.00	0.09	0.09	0.86	0.62	0.00	0.01	0.00	0.86	0.00	0.00	0.00
Avail Cap(c_a), veh/h	121	1284	1337	76	2783	0	161	0	90	0	127	107
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)	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	1.8	1.8	54.0	1.5	0.0	52.1	0.0	53.4	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.1	0.1	55.4	1.0	0.0	0.0	0.0	38.5	0.0	0.0	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	0.0	0.2	0.2	0.9	0.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	1.9	1.9	109.4	2.6	0.0	52.1	0.0	91.9	0.0	0.0	0.0
LnGrp LOS	A	A	A	F	A	A	D	A	F	A	A	A
Approach Vol, veh/h		237			1740			35			0	
Approach Delay, s/veh		1.9			3.8			90.8			0.0	
Approach LOS		A			A			F				

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	0.0	102.8		7.8	6.8	96.0		7.8				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	7.5	91.5		7.5	7.5	91.5		7.5				
Max Q Clear Time (g_c+I1), s	0.0	17.0		4.8	4.0	3.5		0.0				
Green Ext Time (p_c), s	0.0	20.5		0.0	0.0	1.2		0.0				

Intersection Summary		
HCM 6th Ctrl Delay		5.1
HCM 6th LOS		A

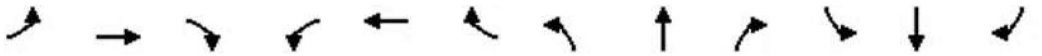
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	1883	10	20	609	10	30
Future Volume (veh/h)	1883	10	20	609	10	30
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1648	1900	1900	1633	1900	1900
Adj Flow Rate, veh/h	2047	0	22	662	11	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	17	0	0	18	0	0
Cap, veh/h	2651		40	4049	23	
Arrive On Green	0.85	0.00	0.02	0.91	0.01	0.00
Sat Flow, veh/h	3214	1610	1810	4606	1810	1610
Grp Volume(v), veh/h	2047	0	22	662	11	0
Grp Sat Flow(s),veh/h/ln	1566	1610	1810	1486	1810	1610
Q Serve(g_s), s	33.0	0.0	1.4	1.8	0.7	0.0
Cycle Q Clear(g_c), s	33.0	0.0	1.4	1.8	0.7	0.0
Prop In Lane		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	2651		40	4049	23	
V/C Ratio(X)	0.77		0.55	0.16	0.47	
Avail Cap(c_a), veh/h	2651		119	4049	119	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	3.9	0.0	55.2	0.6	55.9	0.0
Incr Delay (d2), s/veh	2.3	0.0	11.4	0.1	14.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.3	0.0	0.7	0.0	0.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	6.1	0.0	66.6	0.7	69.9	0.0
LnGrp LOS	A		E	A	E	
Approach Vol, veh/h	2047	A		684	11	A
Approach Delay, s/veh	6.1			2.8	69.9	
Approach LOS	A			A	E	

Timer - Assigned Phs	2	3	4		8
Phs Duration (G+Y+Rc), s	6.0	7.0	101.0		108.0
Change Period (Y+Rc), s	4.5	4.5	4.5		4.5
Max Green Setting (Gmax), s	7.5	7.5	91.5		103.5
Max Q Clear Time (g_c+I1), s	2.7	3.4	35.0		3.8
Green Ext Time (p_c), s	0.0	0.0	27.3		4.5

Intersection Summary	
HCM 6th Ctrl Delay	5.5
HCM 6th LOS	A

Notes

Unsignalized Delay for [NBR, EBR, WBT] 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)	0	1911	2	26	624	0	5	0	55	0	0	0
Future Volume (veh/h)	0	1911	2	26	624	0	5	0	55	0	0	0
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	1870	1648	1648	1870	1648	1648	1870	1870	1856	1870	1870	1870
Adj Flow Rate, veh/h	0	2077	2	28	678	0	5	0	60	0	0	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	17	17	2	17	17	2	2	3	2	2	2
Cap, veh/h	2	2590	2	46	2731	0	132	0	76	0	90	77
Arrive On Green	0.00	0.81	0.81	0.03	0.87	0.00	0.05	0.00	0.05	0.00	0.00	0.00
Sat Flow, veh/h	1781	3210	3	1781	3214	0	1417	0	1572	0	1870	1585
Grp Volume(v), veh/h	0	1013	1066	28	678	0	5	0	60	0	0	0
Grp Sat Flow(s),veh/h/ln	1781	1566	1648	1781	1566	0	1418	0	1572	0	1870	1585
Q Serve(g_s), s	0.0	40.1	40.2	1.8	4.0	0.0	0.4	0.0	4.3	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	40.1	40.2	1.8	4.0	0.0	0.4	0.0	4.3	0.0	0.0	0.0
Prop In Lane	1.00		0.00	1.00		0.00	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	2	1263	1329	46	2731	0	132	0	76	0	90	77
V/C Ratio(X)	0.00	0.80	0.80	0.61	0.25	0.00	0.04	0.00	0.79	0.00	0.00	0.00
Avail Cap(c_a), veh/h	118	1263	1329	118	2731	0	157	0	104	0	124	105
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)	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	6.0	6.0	54.7	1.2	0.0	51.5	0.0	53.4	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	5.4	5.2	12.3	0.2	0.0	0.1	0.0	23.9	0.0	0.0	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	0.0	7.9	8.3	0.9	0.1	0.0	0.1	0.0	2.2	0.0	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	11.4	11.2	66.9	1.4	0.0	51.7	0.0	77.2	0.0	0.0	0.0
LnGrp LOS	A	B	B	E	A	A	D	A	E	A	A	A
Approach Vol, veh/h		2079			706			65			0	
Approach Delay, s/veh		11.3			4.0			75.3			0.0	
Approach LOS		B			A			E				

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	0.0	103.4		10.0	7.4	96.0		10.0				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	7.5	91.5		7.5	7.5	91.5		7.5				
Max Q Clear Time (g_c+I1), s	0.0	6.0		6.3	3.8	42.2		0.0				
Green Ext Time (p_c), s	0.0	4.5		0.0	0.0	25.5		0.0				

Intersection Summary			
HCM 6th Ctrl Delay		11.0	
HCM 6th LOS		B	

HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, I-5 Northbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	2100	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1450
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.62
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.6
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, I-5 Southbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1750	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1209
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.51
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	18.6
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, I-5 Northbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	2200	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1520
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.65
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	23.7
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, I-5 Southbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1100	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	760
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.32
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	11.7
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1200	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	746
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.32
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	12.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1600	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	996
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.0
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	2000	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1244
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.54
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	19.9
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	950	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	591
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.25
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	9.5
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	200	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	124
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.05
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	2.0
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1600	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	996
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.0
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1900	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1182
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.51
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	19.0
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	650	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	404
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.17
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	6.5
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Two-Lane Highway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-33 Northbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	625	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.37

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	3.54158	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	8.1
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	50.1

Vehicle Results

Average Speed, mi/h	50.1	Percent Followers, %	64.6
Segment Travel Time, minutes	4.07	Followers Density, followers/mi/ln	8.1
Vehicle LOS	D		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	625	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.57	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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HCS7 Two-Lane Highway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-33 Northbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	739	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.43

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	4.70050	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	10.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	48.9

Vehicle Results

Average Speed, mi/h	48.9	Percent Followers, %	68.6
Segment Travel Time, minutes	4.17	Followers Density, followers/mi/ln	10.4
Vehicle LOS	D		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	739	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.66	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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HCS7 Two-Lane Highway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-33 Southbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	398	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.23

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	4.70050	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	4.3
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	50.0

Vehicle Results

Average Speed, mi/h	50.0	Percent Followers, %	53.6
Segment Travel Time, minutes	4.08	Followers Density, followers/mi/ln	4.3
Vehicle LOS	C		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	398	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.34	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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HCS7 Two-Lane Highway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	2020
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-33 Southbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	341	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.20

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	4.70050	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	50.2

Vehicle Results

Average Speed, mi/h	50.2	Percent Followers, %	49.9
Segment Travel Time, minutes	4.06	Followers Density, followers/mi/ln	3.4
Vehicle LOS	B		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	341	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.26	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, I-5 Northbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	2106	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1455
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.62
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.2
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	22.7
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, I-5 Northbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.18
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	64.2
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	2216	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1531
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2342
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2342
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.65
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	64.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	23.9
Total Ramp Density Adjustment	0.8	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	64.2		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, I-5 Southbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1765	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1220
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.52
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	18.8
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, I-5 Southbound, South of SR-152	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.00
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	65.0
Right-Side Lateral Clearance, ft	10		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1119	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	773
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2350
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2350
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.33
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	65.0
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	11.9
Total Ramp Density Adjustment	0.0	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	65.0		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1226	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	847
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.36
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	13.6
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	2033	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1265
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.54
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	20.3
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1608	Heavy Vehicle Adjustment Factor (f_{HV})	0.770
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1111
Total Trucks, %	29.85	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.48
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	17.8
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of I-5	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.77
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.4
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	974	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	606
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2324
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2324
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.26
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.4
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	9.7
Total Ramp Density Adjustment	2.6	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.4		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	240	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	150
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.06
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	2.4
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Eastbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1963	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1221
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.53
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	19.7
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	C
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

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Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	1613	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	1004
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.43
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	16.2
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	B
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Basic Freeway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-152 Westbound, West of SR-33	Unit	United States Customary

Geometric Data

Number of Lanes, ln	2	Terrain Type	Level
Segment Length (L), ft	-	Percent Grade, %	-
Measured or Base Free-Flow Speed	Base	Grade Length, mi	-
Base Free-Flow Speed (BFFS), mi/h	65.0	Total Ramp Density (TRD), ramps/mi	0.87
Lane Width, ft	12	Free-Flow Speed (FFS), mi/h	62.1
Right-Side Lateral Clearance, ft	9		

Adjustment Factors

Driver Population	All Familiar	Final Speed Adjustment Factor (SAF)	1.000
Weather Type	Non-Severe Weather	Final Capacity Adjustment Factor (CAF)	1.000
Incident Type	No Incident	Demand Adjustment Factor (DAF)	1.000

Demand and Capacity

Demand Volume veh/h	692	Heavy Vehicle Adjustment Factor (f_{HV})	0.855
Peak Hour Factor	0.94	Flow Rate (V_p), pc/h/ln	430
Total Trucks, %	17.00	Capacity (c), pc/h/ln	2321
Single-Unit Trucks (SUT), %	-	Adjusted Capacity (c_{adj}), pc/h/ln	2321
Tractor-Trailers (TT), %	-	Volume-to-Capacity Ratio (v/c)	0.19
Passenger Car Equivalent (E_T)	2.000		

Speed and Density

Lane Width Adjustment (f_{LW})	0.0	Average Speed (S), mi/h	62.1
Right-Side Lateral Clearance Adj. (f_{RLC})	0.0	Density (D), pc/mi/ln	6.9
Total Ramp Density Adjustment	2.9	Level of Service (LOS)	A
Adjusted Free-Flow Speed (FFS_{adj}), mi/h	62.1		

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HCS7 Two-Lane Highway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-33 Northbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	641	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.38

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	4.70050	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	8.5
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	49.2

Vehicle Results

Average Speed, mi/h	49.2	Percent Followers, %	65.2
Segment Travel Time, minutes	4.15	Followers Density, followers/mi/ln	8.5
Vehicle LOS	D		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	641	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.58	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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HCS7 Two-Lane Highway Report

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Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-33 Northbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	759	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.45

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	4.70050	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	10.8
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	48.8

Vehicle Results

Average Speed, mi/h	48.8	Percent Followers, %	69.3
Segment Travel Time, minutes	4.18	Followers Density, followers/mi/ln	10.8
Vehicle LOS	D		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	759	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.67	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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HCS7 Two-Lane Highway Report

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Jurisdiction	Caltrans/Merced County	Time Period Analyzed	AM Peak Hour
Project Description	Sisk Dam Project, SR-33 Southbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	403	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.24

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	4.70050	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	4.4
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	49.9

Vehicle Results

Average Speed, mi/h	49.9	Percent Followers, %	53.9
Segment Travel Time, minutes	4.08	Followers Density, followers/mi/ln	4.4
Vehicle LOS	C		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	403	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.35	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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HCS7 Two-Lane Highway Report

Project Information

Analyst	Dudek	Date	11/16/2020
Agency	Dudek	Analysis Year	Existing + Peak Construction + Campground Operations
Jurisdiction	Caltrans/Merced County	Time Period Analyzed	PM Peak Hour
Project Description	Sisk Dam Project, SR-33 Southbound, between I-5 and SR-152	Unit	United States Customary

Segment 1

Vehicle Inputs

Segment Type	Passing Constrained	Length, ft	17952
Measured FFS	Measured	Free-Flow Speed, mi/h	52.8

Demand and Capacity

Directional Demand Flow Rate, veh/h	356	Opposing Demand Flow Rate, veh/h	-
Peak Hour Factor	0.88	Total Trucks, %	34.00
Segment Capacity, veh/h	1700	Demand/Capacity (D/C)	0.21

Intermediate Results

Segment Vertical Class	1	Free-Flow Speed, mi/h	52.8
Speed Slope Coefficient	4.70050	Speed Power Coefficient	0.41674
PF Slope Coefficient	-1.41955	PF Power Coefficient	0.66748
In Passing Lane Effective Length?	No	Total Segment Density, veh/mi/ln	3.6
%Improved % Followers	0.0	% Improved Avg Speed	0.0

Subsegment Data

#	Segment Type	Length, ft	Radius, ft	Superelevation, %	Average Speed, mi/h
1	Tangent	17952	-	-	50.1

Vehicle Results

Average Speed, mi/h	50.1	Percent Followers, %	50.9
Segment Travel Time, minutes	4.07	Followers Density, followers/mi/ln	3.6
Vehicle LOS	B		

Bicycle Results

Percent Occupied Parking	0	Pavement Condition Rating	3
Flow Rate Outside Lane, veh/h	356	Bicycle Effective Width, ft	24
Bicycle LOS Score	21.29	Bicycle Effective Speed Factor	4.79
Bicycle LOS	F		

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Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	203	2	2	1590	2	2
Future Vol, veh/h	203	2	2	1590	2	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Yield	-	None	-	Yield
Storage Length	-	400	520	-	0	75
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	17	0	0	17	0	0
Mvmt Flow	221	2	2	1728	2	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	221	0	916	111
Stage 1	-	-	-	-	221	-
Stage 2	-	-	-	-	695	-
Critical Hdwy	-	-	4.1	-	6.25	6.9
Critical Hdwy Stg 1	-	-	-	-	5.8	-
Critical Hdwy Stg 2	-	-	-	-	6	-
Follow-up Hdwy	-	-	2.2	-	3.65	3.3
Pot Cap-1 Maneuver	-	-	1360	-	309	927
Stage 1	-	-	-	-	771	-
Stage 2	-	-	-	-	432	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1360	-	309	927
Mov Cap-2 Maneuver	-	-	-	-	309	-
Stage 1	-	-	-	-	771	-
Stage 2	-	-	-	-	432	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	12.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	309	927	-	-	1360	-
HCM Lane V/C Ratio	0.007	0.002	-	-	0.002	-
HCM Control Delay (s)	16.7	8.9	-	-	7.7	-
HCM Lane LOS	C	A	-	-	A	-
HCM 95th %tile Q(veh)	0	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	199	6	11	1589	0	1	0	1	0	0	0
Future Vol, veh/h	0	199	6	11	1589	0	1	0	1	0	0	0
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	240	-	-	230	-	-	-	-	25	-	-	25
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	17	17	17	17	2	17	2	17	2	2	2
Mvmt Flow	0	216	7	12	1727	0	1	0	1	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1727	0	0	223	0	0	1108	1971	112	1859	1974	864
Stage 1	-	-	-	-	-	-	220	220	-	1751	1751	-
Stage 2	-	-	-	-	-	-	888	1751	-	108	223	-
Critical Hdwy	4.14	-	-	4.44	-	-	7.84	6.54	7.24	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.37	-	-	3.67	4.02	3.47	3.52	4.02	3.32
Pot Cap-1 Maneuver	362	-	-	1241	-	-	147	62	874	45	61	297
Stage 1	-	-	-	-	-	-	721	720	-	89	138	-
Stage 2	-	-	-	-	-	-	276	138	-	886	718	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	362	-	-	1241	-	-	146	61	874	45	60	297
Mov Cap-2 Maneuver	-	-	-	-	-	-	146	61	-	45	60	-
Stage 1	-	-	-	-	-	-	721	720	-	89	137	-
Stage 2	-	-	-	-	-	-	273	137	-	885	718	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.1	19.5	0
HCM LOS			C	A

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	146	874	362	-	-	1241	-	-	-	-
HCM Lane V/C Ratio	0.007	0.001	-	-	-	0.01	-	-	-	-
HCM Control Delay (s)	29.8	9.1	0	-	-	7.9	-	-	0	0
HCM Lane LOS	D	A	A	-	-	A	-	-	A	A
HCM 95th %tile Q(veh)	0	0	0	-	-	0	-	-	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	1883	10	10	652	10	10
Future Vol, veh/h	1883	10	10	652	10	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Yield	-	None	-	Yield
Storage Length	-	400	520	-	0	75
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	17	0	0	17	0	0
Mvmt Flow	2047	11	11	709	11	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	2047	0	2353	1024
Stage 1	-	-	-	-	2047	-
Stage 2	-	-	-	-	306	-
Critical Hdwy	-	-	4.1	-	6.25	6.9
Critical Hdwy Stg 1	-	-	-	-	5.8	-
Critical Hdwy Stg 2	-	-	-	-	6	-
Follow-up Hdwy	-	-	2.2	-	3.65	3.3
Pot Cap-1 Maneuver	-	-	279	-	44	236
Stage 1	-	-	-	-	87	-
Stage 2	-	-	-	-	689	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	279	-	42	236
Mov Cap-2 Maneuver	-	-	-	-	42	-
Stage 1	-	-	-	-	87	-
Stage 2	-	-	-	-	662	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	69.7
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	42	236	-	-	279	-
HCM Lane V/C Ratio	0.259	0.046	-	-	0.039	-
HCM Control Delay (s)	118.4	21	-	-	18.4	-
HCM Lane LOS	F	C	-	-	C	-
HCM 95th %tile Q(veh)	0.9	0.1	-	-	0.1	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	1891	2	3	647	0	5	0	9	0	0	0
Future Vol, veh/h	0	1891	2	3	647	0	5	0	9	0	0	0
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	240	-	-	230	-	-	-	-	25	-	-	25
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	17	17	17	17	2	17	2	17	2	2	2
Mvmt Flow	0	2055	2	3	703	0	5	0	10	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	703	0	0	2057	0	0	2414	2765	1029	1737	2766	352
Stage 1	-	-	-	-	-	-	2056	2056	-	709	709	-
Stage 2	-	-	-	-	-	-	358	709	-	1028	2057	-
Critical Hdwy	4.14	-	-	4.44	-	-	7.84	6.54	7.24	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.37	-	-	3.67	4.02	3.47	3.52	4.02	3.32
Pot Cap-1 Maneuver	890	-	-	219	-	-	14	19	207	56	19	644
Stage 1	-	-	-	-	-	-	47	97	-	391	435	-
Stage 2	-	-	-	-	-	-	593	435	-	251	96	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	890	-	-	219	-	-	14	19	207	53	19	644
Mov Cap-2 Maneuver	-	-	-	-	-	-	14	19	-	53	19	-
Stage 1	-	-	-	-	-	-	47	97	-	391	429	-
Stage 2	-	-	-	-	-	-	585	429	-	239	96	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.1	149.7	0
HCM LOS			F	A

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	14	207	890	-	-	219	-	-	-	-
HCM Lane V/C Ratio	0.388	0.047	-	-	-	0.015	-	-	-	-
HCM Control Delay (s)	$ 377.2	23.3	0	-	-	21.7	-	-	0	0
HCM Lane LOS	F	C	A	-	-	C	-	-	A	A
HCM 95th %tile Q(veh)	1	0.1	0	-	-	0	-	-	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	206	2	5	1584	2	15
Future Vol, veh/h	206	2	5	1584	2	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Yield	-	None	-	Yield
Storage Length	-	400	520	-	0	75
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	17	0	0	17	0	0
Mvmt Flow	224	2	5	1722	2	16

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	224	0	923	112
Stage 1	-	-	-	-	224	-
Stage 2	-	-	-	-	699	-
Critical Hdwy	-	-	4.1	-	6.25	6.9
Critical Hdwy Stg 1	-	-	-	-	5.8	-
Critical Hdwy Stg 2	-	-	-	-	6	-
Follow-up Hdwy	-	-	2.2	-	3.65	3.3
Pot Cap-1 Maneuver	-	-	1357	-	306	926
Stage 1	-	-	-	-	769	-
Stage 2	-	-	-	-	429	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1357	-	305	926
Mov Cap-2 Maneuver	-	-	-	-	305	-
Stage 1	-	-	-	-	769	-
Stage 2	-	-	-	-	427	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	9.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	305	926	-	-	1357	-
HCM Lane V/C Ratio	0.007	0.018	-	-	0.004	-
HCM Control Delay (s)	16.9	9	-	-	7.7	-
HCM Lane LOS	C	A	-	-	A	-
HCM 95th %tile Q(veh)	0	0.1	-	-	0	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	217	6	18	1585	0	1	0	31	0	0	0
Future Vol, veh/h	0	217	6	18	1585	0	1	0	31	0	0	0
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	240	-	-	230	-	-	-	-	25	-	-	25
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	17	17	17	17	2	17	2	17	2	2	2
Mvmt Flow	0	236	7	20	1723	0	1	0	34	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1723	0	0	243	0	0	1142	2003	122	1881	2006	862
Stage 1	-	-	-	-	-	-	240	240	-	1763	1763	-
Stage 2	-	-	-	-	-	-	902	1763	-	118	243	-
Critical Hdwy	4.14	-	-	4.44	-	-	7.84	6.54	7.24	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.37	-	-	3.67	4.02	3.47	3.52	4.02	3.32
Pot Cap-1 Maneuver	363	-	-	1218	-	-	138	59	860	44	59	298
Stage 1	-	-	-	-	-	-	701	706	-	87	136	-
Stage 2	-	-	-	-	-	-	270	136	-	874	703	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	363	-	-	1218	-	-	136	58	860	42	58	298
Mov Cap-2 Maneuver	-	-	-	-	-	-	136	58	-	42	58	-
Stage 1	-	-	-	-	-	-	701	706	-	87	134	-
Stage 2	-	-	-	-	-	-	266	134	-	840	703	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.1	10.1	0
HCM LOS			B	A

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	136	860	363	-	-	1218	-	-	-	-
HCM Lane V/C Ratio	0.008	0.039	-	-	-	0.016	-	-	-	-
HCM Control Delay (s)	31.7	9.4	0	-	-	8	-	-	0	0
HCM Lane LOS	D	A	A	-	-	A	-	-	A	A
HCM 95th %tile Q(veh)	0	0.1	0	-	-	0	-	-	-	-

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	6	218	1583	7	10	11
Future Vol, veh/h	6	218	1583	7	10	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	275	-	-	150	0	75
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	17	17	2	2	2
Mvmt Flow	7	237	1721	8	11	12

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	1729	0	-	0	1854	861			
Stage 1	-	-	-	-	1721	-			
Stage 2	-	-	-	-	133	-			
Critical Hdwy	4.14	-	-	-	6.84	6.94			
Critical Hdwy Stg 1	-	-	-	-	5.84	-			
Critical Hdwy Stg 2	-	-	-	-	5.84	-			
Follow-up Hdwy	2.22	-	-	-	3.52	3.32			
Pot Cap-1 Maneuver	361	-	-	-	65	299			
Stage 1	-	-	-	-	130	-			
Stage 2	-	-	-	-	879	-			
Platoon blocked, %		-	-	-					
Mov Cap-1 Maneuver	361	-	-	-	64	299			
Mov Cap-2 Maneuver	-	-	-	-	64	-			
Stage 1	-	-	-	-	128	-			
Stage 2	-	-	-	-	879	-			

Approach	EB	WB	SB
HCM Control Delay, s	0.4	0	43.6
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	361	-	-	-	64	299
HCM Lane V/C Ratio	0.018	-	-	-	0.17	0.04
HCM Control Delay (s)	15.2	-	-	-	72.4	17.5
HCM Lane LOS	C	-	-	-	F	C
HCM 95th %tile Q(veh)	0.1	-	-	-	0.6	0.1

Intersection	
Int Delay, s/veh	0.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑	↱	↰	↑↑↑	↰	↱
Traffic Vol, veh/h	1890	10	20	613	10	30
Future Vol, veh/h	1890	10	20	613	10	30
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	Yield	-	None	-	Yield
Storage Length	-	400	520	-	0	75
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	17	0	0	17	0	0
Mvmt Flow	2054	11	22	666	11	33

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	2054	0	2364	1027
Stage 1	-	-	-	-	2054	-
Stage 2	-	-	-	-	310	-
Critical Hdwy	-	-	4.1	-	6.25	6.9
Critical Hdwy Stg 1	-	-	-	-	5.8	-
Critical Hdwy Stg 2	-	-	-	-	6	-
Follow-up Hdwy	-	-	2.2	-	3.65	3.3
Pot Cap-1 Maneuver	-	-	277	-	43	235
Stage 1	-	-	-	-	86	-
Stage 2	-	-	-	-	686	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	277	-	40	235
Mov Cap-2 Maneuver	-	-	-	-	40	-
Stage 1	-	-	-	-	86	-
Stage 2	-	-	-	-	632	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.6	48.5
HCM LOS			E

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	40	235	-	-	277	-
HCM Lane V/C Ratio	0.272	0.139	-	-	0.078	-
HCM Control Delay (s)	125.7	22.8	-	-	19.1	-
HCM Lane LOS	F	C	-	-	C	-
HCM 95th %tile Q(veh)	0.9	0.5	-	-	0.3	-

Intersection	
Int Delay, s/veh	1.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	1914	2	26	631	0	5	0	55	0	0	0
Future Vol, veh/h	0	1914	2	26	631	0	5	0	55	0	0	0
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	240	-	-	230	-	-	-	-	25	-	-	25
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	17	17	17	17	2	17	2	17	2	2	2
Mvmt Flow	0	2080	2	28	686	0	5	0	60	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	686	0	0	2082	0	0	2480	2823	1041	1782	2824	343
Stage 1	-	-	-	-	-	-	2081	2081	-	742	742	-
Stage 2	-	-	-	-	-	-	399	742	-	1040	2082	-
Critical Hdwy	4.14	-	-	4.44	-	-	7.84	6.54	7.24	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.84	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.37	-	-	3.67	4.02	3.47	3.52	4.02	3.32
Pot Cap-1 Maneuver	904	-	-	214	-	-	12	17	203	52	17	653
Stage 1	-	-	-	-	-	-	45	94	-	374	420	-
Stage 2	-	-	-	-	-	-	559	420	-	246	94	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	904	-	-	214	-	-	11	15	203	33	15	653
Mov Cap-2 Maneuver	-	-	-	-	-	-	11	15	-	33	15	-
Stage 1	-	-	-	-	-	-	45	94	-	374	365	-
Stage 2	-	-	-	-	-	-	486	365	-	174	94	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1	70.1	0
HCM LOS			F	A

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	11	203	904	-	-	214	-	-	-	-
HCM Lane V/C Ratio	0.494	0.294	-	-	-	0.132	-	-	-	-
HCM Control Delay (s)	$ 511.2	30	0	-	-	24.4	-	-	0	0
HCM Lane LOS	F	D	A	-	-	C	-	-	A	A
HCM 95th %tile Q(veh)	1.1	1.2	0	-	-	0.4	-	-	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	16	1913	629	16	8	9
Future Vol, veh/h	16	1913	629	16	8	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	275	-	-	150	0	75
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	17	17	2	2	2
Mvmt Flow	17	2079	684	17	9	10

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	701	0	-	0	1758	342
Stage 1	-	-	-	-	684	-
Stage 2	-	-	-	-	1074	-
Critical Hdwy	4.14	-	-	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	2.22	-	-	-	3.52	3.32
Pot Cap-1 Maneuver	892	-	-	-	76	654
Stage 1	-	-	-	-	462	-
Stage 2	-	-	-	-	289	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	892	-	-	-	75	654
Mov Cap-2 Maneuver	-	-	-	-	75	-
Stage 1	-	-	-	-	453	-
Stage 2	-	-	-	-	289	-

Approach	EB	WB	SB
HCM Control Delay, s	0.1	0	33.5
HCM LOS			D

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	892	-	-	-	75	654
HCM Lane V/C Ratio	0.019	-	-	-	0.116	0.015
HCM Control Delay (s)	9.1	-	-	-	59.2	10.6
HCM Lane LOS	A	-	-	-	F	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0.4	0

Appendix E

Cultural Resources Report
(Confidential)