

# **ATTACHMENT F**

**Ambient Air Quality Modeling Output Files - AERMOD**



AAQA for 99 ( 1 )  
All Values are in ug/m^3

|                 | NOx      | NOx      | CO       | CO       | SOx      | SOx      | SOx      | SOx      | PM10     | PM10     | PM2.5    | PM2.5    |
|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                 | 1 Hour   | Annual   | 1 Hour   | 8 Hour   | 1 Hour   | 3 Hour   | 24 Hour  | Annual   | 24 Hour  | Annual   | 24 Hour  | Annual   |
| AREA1           | 1.53E+02 | 4.13E+00 | 1.77E+03 | 3.12E+02 | 3.06E+00 | 1.02E+00 | 2.39E-01 | 8.27E-02 | 9.55E+00 | 3.31E+00 | 4.38E+00 | 1.52E+00 |
| Background      | 7.80E-02 | 2.10E-02 | 3.20E+00 | 2.10E+00 | 3.00E-02 | 1.50E-02 | 5.00E-03 | 2.00E-03 | 1.07E-02 | 4.30E+01 | 7.51E+01 | 1.87E+01 |
| Facility Totals | 1.53E+02 | 4.15E+00 | 1.78E+03 | 3.14E+02 | 3.09E+00 | 1.03E+00 | 2.44E-01 | 8.47E-02 | 1.17E+02 | 4.63E+01 | 7.95E+01 | 2.02E+01 |
| AAQS            | 470      | 100      | 23000    | 10000    | 655      | 1300     | 105      | 80       | 50       | 20       | 35       | 12       |
|                 | Pass     | Pass     | Pass     | Pass     | Pass     | Pass     | Pass     | Pass     | Fail     | Fail     | Fail     | Fail     |

| District and EPA's Significance Level (ug/m^3) |        |        |        |        |        |         |        |         |        |         |        |
|------------------------------------------------|--------|--------|--------|--------|--------|---------|--------|---------|--------|---------|--------|
| NOx                                            | NOx    | CO     | CO     | SOx    | SOx    | SOx     | SOx    | PM10    | PM10   | PM2.5   | PM2.5  |
| 1 Hour                                         | Annual | 1 Hour | 8 Hour | 1 Hour | 3 Hour | 24 Hour | Annual | 24 Hour | Annual | 24 Hour | Annual |
| 0                                              | 1      | 2000   | 500    | 0      | 25     | 5       | 1      | 10.4    | NA     | 10.4    | NA     |
|                                                |        |        |        |        |        |         |        | Pass    | Pass   | Pass    | Pass   |

| Device | AAQA Emission (g/sec) |               |              |              |               |               |                |               |                 |                |                  |                 |
|--------|-----------------------|---------------|--------------|--------------|---------------|---------------|----------------|---------------|-----------------|----------------|------------------|-----------------|
|        | NOx<br>1 Hour         | NOx<br>Annual | CO<br>1 Hour | CO<br>8 Hour | SOx<br>1 Hour | SOx<br>3 Hour | SOx<br>24 Hour | SOx<br>Annual | PM10<br>24 Hour | PM10<br>Annual | PM2.5<br>24 Hour | PM2.5<br>Annual |
| AREA1  | 5.55E-01              | 5.55E-01      | 4.84E+00     | 4.84E+00     | 8.34E-03      | 8.34E-03      | 8.34E-03       | 8.34E-03      | 3.34E-01        | 3.34E-01       | 1.53E-01         | 1.53E-01        |

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\*\* AERMOD Input Produced by:

\*\* ISC-AERMOD View Ver. 5.9.0

\*\* Lakes Environmental Software Inc.

\*\* Date: 5/7/2009

\*\* File: C:\Lakes\99\99.ADI

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\*\* AERMOD Control Pathway

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CO STARTING

TITLEONE C:\Lakes\BFD\BFD.isc

MODELOPT DFAULT CONC

AVERTIME 1 3 8 24 PERIOD

POLLUTID OTHER

RUNORNOT RUN

CO FINISHED

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\*\* AERMOD Source Pathway

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SO STARTING

\*\* Source Location \*\*

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

LOCATION PAREA1 AREAPOLY 316292.412 3902627.218 0.0

\*\* Source Parameters \*\*

SRCPARAM PAREA1 7.884E-07 1.000 10

AREAVERT PAREA1 316292.412 3902627.218 316644.304 3901052.965

AREAVERT PAREA1 317320.307 3901052.965 317329.567 3901441.898

AREAVERT PAREA1 317746.281 3901451.158 317737.021 3901840.091

AREAVERT PAREA1 317329.567 3901849.352 317320.307 3902043.818

AREAVERT PAREA1 316912.853 3902043.818 316903.593 3902617.957

SRCGROUP PAREA1 PAREA1

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

\*\* DESCRREC "FENCEGRD" "Receptors generated from Fenceline Grid"

|          |           |            |      |      |
|----------|-----------|------------|------|------|
| DISCCART | 316941.43 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 316965.31 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 316989.20 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317013.08 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317036.97 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317060.85 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317084.74 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317108.62 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317132.51 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317156.39 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317180.28 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317204.16 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317228.05 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317251.93 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317275.82 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317299.70 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 317323.59 | 3902071.03 | 0.00 | 0.00 |
| DISCCART | 316941.43 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 316965.31 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 316989.20 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317013.08 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317036.97 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317060.85 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317084.74 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317108.62 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317132.51 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317156.39 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317180.28 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317204.16 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317228.05 | 3902096.03 | 0.00 | 0.00 |
| DISCCART | 317251.93 | 3902096.03 | 0.00 | 0.00 |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317275.82 | 3902096.03 | 0.00 | 0.00   |
| DISCCART | 317299.70 | 3902096.03 | 0.00 | 0.00   |
| DISCCART | 317323.59 | 3902096.03 | 0.00 | 0.00   |
| DISCCART | 316941.43 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 316965.31 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 316989.20 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317013.08 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317036.97 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317060.85 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317084.74 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317108.62 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317132.51 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317156.39 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317180.28 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317204.16 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317228.05 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317251.93 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317275.82 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317299.70 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 317323.59 | 3902121.03 | 0.00 | 0.00   |
| DISCCART | 316941.43 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 316965.31 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 316989.20 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317013.08 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317036.97 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317060.85 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317084.74 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317108.62 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317132.51 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317156.39 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317180.28 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317204.16 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317228.05 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317251.93 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317275.82 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317299.70 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317323.59 | 3902146.03 | 0.00 | 0.00   |
| DISCCART | 317348.52 | 3902047.86 | 0.00 | 0.00   |
| DISCCART | 317350.34 | 3902023.08 | 0.00 | 0.00   |
| DISCCART | 317352.15 | 3901998.31 | 0.00 | 0.00   |
| DISCCART | 317353.96 | 3901973.53 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317355.78 | 3901948.76 | 0.00 | 0.00   |
| DISCCART | 317357.59 | 3901923.99 | 0.00 | 0.00   |
| DISCCART | 317359.41 | 3901899.21 | 0.00 | 0.00   |
| DISCCART | 317361.22 | 3901874.44 | 0.00 | 0.00   |
| DISCCART | 317365.54 | 3902066.17 | 0.00 | 0.00   |
| DISCCART | 317375.27 | 3902024.91 | 0.00 | 0.00   |
| DISCCART | 317377.08 | 3902000.13 | 0.00 | 0.00   |
| DISCCART | 317378.90 | 3901975.36 | 0.00 | 0.00   |
| DISCCART | 317380.71 | 3901950.59 | 0.00 | 0.00   |
| DISCCART | 317382.53 | 3901925.81 | 0.00 | 0.00   |
| DISCCART | 317384.34 | 3901901.04 | 0.00 | 0.00   |
| DISCCART | 317386.15 | 3901876.26 | 0.00 | 0.00   |
| DISCCART | 317390.48 | 3902067.99 | 0.00 | 0.00   |
| DISCCART | 317357.63 | 3902107.65 | 0.00 | 0.00   |
| DISCCART | 317400.20 | 3902026.73 | 0.00 | 0.00   |
| DISCCART | 317402.02 | 3902001.96 | 0.00 | 0.00   |
| DISCCART | 317403.83 | 3901977.19 | 0.00 | 0.00   |
| DISCCART | 317405.64 | 3901952.41 | 0.00 | 0.00   |
| DISCCART | 317407.46 | 3901927.64 | 0.00 | 0.00   |
| DISCCART | 317409.27 | 3901902.86 | 0.00 | 0.00   |
| DISCCART | 317411.09 | 3901878.09 | 0.00 | 0.00   |
| DISCCART | 317412.77 | 3902075.31 | 0.00 | 0.00   |
| DISCCART | 317402.22 | 3902097.30 | 0.00 | 0.00   |
| DISCCART | 317368.98 | 3902128.19 | 0.00 | 0.00   |
| DISCCART | 317346.28 | 3902137.11 | 0.00 | 0.00   |
| DISCCART | 317423.32 | 3902053.33 | 0.00 | 0.00   |
| DISCCART | 317425.14 | 3902028.56 | 0.00 | 0.00   |
| DISCCART | 317426.95 | 3902003.78 | 0.00 | 0.00   |
| DISCCART | 317428.76 | 3901979.01 | 0.00 | 0.00   |
| DISCCART | 317430.58 | 3901954.24 | 0.00 | 0.00   |
| DISCCART | 317432.39 | 3901929.46 | 0.00 | 0.00   |
| DISCCART | 317434.21 | 3901904.69 | 0.00 | 0.00   |
| DISCCART | 317436.02 | 3901879.92 | 0.00 | 0.00   |
| DISCCART | 317458.95 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317483.12 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317507.29 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317531.46 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317555.62 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317579.79 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317603.96 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317628.13 | 3901872.84 | 0.00 | 0.00   |



|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317652.30 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317676.47 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317700.64 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317724.81 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317748.98 | 3901872.84 | 0.00 | 0.00   |
| DISCCART | 317458.95 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317483.12 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317507.29 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317531.46 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317555.62 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317579.79 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317603.96 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317628.13 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317652.30 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317676.47 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317700.64 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317724.81 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317748.98 | 3901897.84 | 0.00 | 0.00   |
| DISCCART | 317458.95 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317483.12 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317507.29 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317531.46 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317555.62 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317579.79 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317603.96 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317628.13 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317652.30 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317676.47 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317700.64 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317724.81 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317748.98 | 3901922.84 | 0.00 | 0.00   |
| DISCCART | 317458.95 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317483.12 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317507.29 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317531.46 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317555.62 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317579.79 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317603.96 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317628.13 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317652.30 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317676.47 | 3901947.84 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317700.64 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317724.81 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317748.98 | 3901947.84 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901847.84 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901823.37 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901798.90 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901774.42 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901749.95 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901725.48 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901701.01 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901676.53 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901652.06 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901627.59 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901603.12 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901578.64 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901554.17 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901529.70 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901505.22 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901480.75 | 0.00 | 0.00   |
| DISCCART | 317773.98 | 3901456.28 | 0.00 | 0.00   |
| DISCCART | 317791.66 | 3901865.52 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901823.37 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901798.90 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901774.42 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901749.95 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901725.48 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901701.01 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901676.53 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901652.06 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901627.59 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901603.12 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901578.64 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901554.17 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901529.70 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901505.22 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901480.75 | 0.00 | 0.00   |
| DISCCART | 317798.98 | 3901456.28 | 0.00 | 0.00   |
| DISCCART | 317816.66 | 3901865.52 | 0.00 | 0.00   |
| DISCCART | 317784.34 | 3901908.20 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901823.37 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901798.90 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317823.98 | 3901774.42 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901749.95 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901725.48 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901701.01 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901676.53 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901652.06 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901627.59 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901603.12 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901578.64 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901554.17 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901529.70 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901505.22 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901480.75 | 0.00 | 0.00   |
| DISCCART | 317823.98 | 3901456.28 | 0.00 | 0.00   |
| DISCCART | 317841.66 | 3901865.52 | 0.00 | 0.00   |
| DISCCART | 317827.01 | 3901900.87 | 0.00 | 0.00   |
| DISCCART | 317802.01 | 3901925.87 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901823.37 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901798.90 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901774.42 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901749.95 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901725.48 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901701.01 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901676.53 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901652.06 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901627.59 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901603.12 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901578.64 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901554.17 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901529.70 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901505.22 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901480.75 | 0.00 | 0.00   |
| DISCCART | 317848.98 | 3901456.28 | 0.00 | 0.00   |
| DISCCART | 317749.86 | 3901431.30 | 0.00 | 0.00   |
| DISCCART | 317725.69 | 3901430.44 | 0.00 | 0.00   |
| DISCCART | 317701.52 | 3901429.59 | 0.00 | 0.00   |
| DISCCART | 317677.35 | 3901428.74 | 0.00 | 0.00   |
| DISCCART | 317653.18 | 3901427.88 | 0.00 | 0.00   |
| DISCCART | 317629.01 | 3901427.03 | 0.00 | 0.00   |
| DISCCART | 317604.85 | 3901426.18 | 0.00 | 0.00   |
| DISCCART | 317580.68 | 3901425.32 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317556.51 | 3901424.47 | 0.00 | 0.00   |
| DISCCART | 317532.34 | 3901423.62 | 0.00 | 0.00   |
| DISCCART | 317508.17 | 3901422.77 | 0.00 | 0.00   |
| DISCCART | 317484.00 | 3901421.91 | 0.00 | 0.00   |
| DISCCART | 317459.83 | 3901421.06 | 0.00 | 0.00   |
| DISCCART | 317435.66 | 3901420.21 | 0.00 | 0.00   |
| DISCCART | 317411.49 | 3901419.35 | 0.00 | 0.00   |
| DISCCART | 317387.32 | 3901418.50 | 0.00 | 0.00   |
| DISCCART | 317363.15 | 3901417.65 | 0.00 | 0.00   |
| DISCCART | 317767.85 | 3901413.93 | 0.00 | 0.00   |
| DISCCART | 317726.57 | 3901405.46 | 0.00 | 0.00   |
| DISCCART | 317702.40 | 3901404.61 | 0.00 | 0.00   |
| DISCCART | 317678.24 | 3901403.75 | 0.00 | 0.00   |
| DISCCART | 317654.07 | 3901402.90 | 0.00 | 0.00   |
| DISCCART | 317629.90 | 3901402.05 | 0.00 | 0.00   |
| DISCCART | 317605.73 | 3901401.19 | 0.00 | 0.00   |
| DISCCART | 317581.56 | 3901400.34 | 0.00 | 0.00   |
| DISCCART | 317557.39 | 3901399.49 | 0.00 | 0.00   |
| DISCCART | 317533.22 | 3901398.63 | 0.00 | 0.00   |
| DISCCART | 317509.05 | 3901397.78 | 0.00 | 0.00   |
| DISCCART | 317484.88 | 3901396.93 | 0.00 | 0.00   |
| DISCCART | 317460.71 | 3901396.08 | 0.00 | 0.00   |
| DISCCART | 317436.54 | 3901395.22 | 0.00 | 0.00   |
| DISCCART | 317412.37 | 3901394.37 | 0.00 | 0.00   |
| DISCCART | 317388.20 | 3901393.52 | 0.00 | 0.00   |
| DISCCART | 317364.03 | 3901392.66 | 0.00 | 0.00   |
| DISCCART | 317768.73 | 3901388.95 | 0.00 | 0.00   |
| DISCCART | 317809.95 | 3901421.55 | 0.00 | 0.00   |
| DISCCART | 317727.46 | 3901380.47 | 0.00 | 0.00   |
| DISCCART | 317703.29 | 3901379.62 | 0.00 | 0.00   |
| DISCCART | 317679.12 | 3901378.77 | 0.00 | 0.00   |
| DISCCART | 317654.95 | 3901377.91 | 0.00 | 0.00   |
| DISCCART | 317630.78 | 3901377.06 | 0.00 | 0.00   |
| DISCCART | 317606.61 | 3901376.21 | 0.00 | 0.00   |
| DISCCART | 317582.44 | 3901375.36 | 0.00 | 0.00   |
| DISCCART | 317558.27 | 3901374.50 | 0.00 | 0.00   |
| DISCCART | 317534.10 | 3901373.65 | 0.00 | 0.00   |
| DISCCART | 317509.93 | 3901372.80 | 0.00 | 0.00   |
| DISCCART | 317485.76 | 3901371.94 | 0.00 | 0.00   |
| DISCCART | 317461.59 | 3901371.09 | 0.00 | 0.00   |
| DISCCART | 317437.42 | 3901370.24 | 0.00 | 0.00   |

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|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317413.25 | 3901369.39 | 0.00 | 0.00   |
| DISCCART | 317389.08 | 3901368.53 | 0.00 | 0.00   |
| DISCCART | 317364.91 | 3901367.68 | 0.00 | 0.00   |
| DISCCART | 317769.61 | 3901363.96 | 0.00 | 0.00   |
| DISCCART | 317803.82 | 3901379.21 | 0.00 | 0.00   |
| DISCCART | 317827.94 | 3901404.19 | 0.00 | 0.00   |
| DISCCART | 317728.34 | 3901355.49 | 0.00 | 0.00   |
| DISCCART | 317704.17 | 3901354.64 | 0.00 | 0.00   |
| DISCCART | 317680.00 | 3901353.78 | 0.00 | 0.00   |
| DISCCART | 317655.83 | 3901352.93 | 0.00 | 0.00   |
| DISCCART | 317631.66 | 3901352.08 | 0.00 | 0.00   |
| DISCCART | 317607.49 | 3901351.22 | 0.00 | 0.00   |
| DISCCART | 317583.32 | 3901350.37 | 0.00 | 0.00   |
| DISCCART | 317559.15 | 3901349.52 | 0.00 | 0.00   |
| DISCCART | 317534.98 | 3901348.67 | 0.00 | 0.00   |
| DISCCART | 317510.81 | 3901347.81 | 0.00 | 0.00   |
| DISCCART | 317486.64 | 3901346.96 | 0.00 | 0.00   |
| DISCCART | 317462.47 | 3901346.11 | 0.00 | 0.00   |
| DISCCART | 317438.30 | 3901345.25 | 0.00 | 0.00   |
| DISCCART | 317414.14 | 3901344.40 | 0.00 | 0.00   |
| DISCCART | 317389.97 | 3901343.55 | 0.00 | 0.00   |
| DISCCART | 317365.80 | 3901342.70 | 0.00 | 0.00   |
| DISCCART | 317358.55 | 3901318.49 | 0.00 | 0.00   |
| DISCCART | 317357.64 | 3901294.02 | 0.00 | 0.00   |
| DISCCART | 317356.73 | 3901269.55 | 0.00 | 0.00   |
| DISCCART | 317355.83 | 3901245.08 | 0.00 | 0.00   |
| DISCCART | 317354.92 | 3901220.61 | 0.00 | 0.00   |
| DISCCART | 317354.01 | 3901196.14 | 0.00 | 0.00   |
| DISCCART | 317353.11 | 3901171.66 | 0.00 | 0.00   |
| DISCCART | 317352.20 | 3901147.19 | 0.00 | 0.00   |
| DISCCART | 317351.29 | 3901122.72 | 0.00 | 0.00   |
| DISCCART | 317350.39 | 3901098.25 | 0.00 | 0.00   |
| DISCCART | 317349.48 | 3901073.78 | 0.00 | 0.00   |
| DISCCART | 317348.57 | 3901049.30 | 0.00 | 0.00   |
| DISCCART | 317383.53 | 3901317.57 | 0.00 | 0.00   |
| DISCCART | 317382.62 | 3901293.10 | 0.00 | 0.00   |
| DISCCART | 317381.72 | 3901268.63 | 0.00 | 0.00   |
| DISCCART | 317380.81 | 3901244.15 | 0.00 | 0.00   |
| DISCCART | 317379.90 | 3901219.68 | 0.00 | 0.00   |
| DISCCART | 317379.00 | 3901195.21 | 0.00 | 0.00   |
| DISCCART | 317378.09 | 3901170.74 | 0.00 | 0.00   |

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|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317377.18 | 3901146.27 | 0.00 | 0.00   |
| DISCCART | 317376.28 | 3901121.79 | 0.00 | 0.00   |
| DISCCART | 317375.37 | 3901097.32 | 0.00 | 0.00   |
| DISCCART | 317374.46 | 3901072.85 | 0.00 | 0.00   |
| DISCCART | 317373.56 | 3901048.38 | 0.00 | 0.00   |
| DISCCART | 317408.51 | 3901316.64 | 0.00 | 0.00   |
| DISCCART | 317407.61 | 3901292.17 | 0.00 | 0.00   |
| DISCCART | 317406.70 | 3901267.70 | 0.00 | 0.00   |
| DISCCART | 317405.79 | 3901243.23 | 0.00 | 0.00   |
| DISCCART | 317404.89 | 3901218.76 | 0.00 | 0.00   |
| DISCCART | 317403.98 | 3901194.28 | 0.00 | 0.00   |
| DISCCART | 317403.07 | 3901169.81 | 0.00 | 0.00   |
| DISCCART | 317402.17 | 3901145.34 | 0.00 | 0.00   |
| DISCCART | 317401.26 | 3901120.87 | 0.00 | 0.00   |
| DISCCART | 317400.35 | 3901096.40 | 0.00 | 0.00   |
| DISCCART | 317399.45 | 3901071.92 | 0.00 | 0.00   |
| DISCCART | 317398.54 | 3901047.45 | 0.00 | 0.00   |
| DISCCART | 317433.50 | 3901315.72 | 0.00 | 0.00   |
| DISCCART | 317432.59 | 3901291.25 | 0.00 | 0.00   |
| DISCCART | 317431.68 | 3901266.77 | 0.00 | 0.00   |
| DISCCART | 317430.78 | 3901242.30 | 0.00 | 0.00   |
| DISCCART | 317429.87 | 3901217.83 | 0.00 | 0.00   |
| DISCCART | 317428.96 | 3901193.36 | 0.00 | 0.00   |
| DISCCART | 317428.06 | 3901168.89 | 0.00 | 0.00   |
| DISCCART | 317427.15 | 3901144.41 | 0.00 | 0.00   |
| DISCCART | 317426.24 | 3901119.94 | 0.00 | 0.00   |
| DISCCART | 317425.34 | 3901095.47 | 0.00 | 0.00   |
| DISCCART | 317424.43 | 3901071.00 | 0.00 | 0.00   |
| DISCCART | 317423.52 | 3901046.53 | 0.00 | 0.00   |
| DISCCART | 317323.07 | 3901025.24 | 0.00 | 0.00   |
| DISCCART | 317298.90 | 3901025.74 | 0.00 | 0.00   |
| DISCCART | 317274.73 | 3901026.24 | 0.00 | 0.00   |
| DISCCART | 317250.56 | 3901026.74 | 0.00 | 0.00   |
| DISCCART | 317226.39 | 3901027.24 | 0.00 | 0.00   |
| DISCCART | 317202.22 | 3901027.74 | 0.00 | 0.00   |
| DISCCART | 317178.05 | 3901028.24 | 0.00 | 0.00   |
| DISCCART | 317153.88 | 3901028.74 | 0.00 | 0.00   |
| DISCCART | 317129.71 | 3901029.24 | 0.00 | 0.00   |
| DISCCART | 317105.54 | 3901029.74 | 0.00 | 0.00   |
| DISCCART | 317081.37 | 3901030.24 | 0.00 | 0.00   |
| DISCCART | 317057.20 | 3901030.74 | 0.00 | 0.00   |

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|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317033.03 | 3901031.24 | 0.00 | 0.00   |
| DISCCART | 317008.86 | 3901031.74 | 0.00 | 0.00   |
| DISCCART | 316984.69 | 3901032.24 | 0.00 | 0.00   |
| DISCCART | 316960.52 | 3901032.74 | 0.00 | 0.00   |
| DISCCART | 316936.35 | 3901033.24 | 0.00 | 0.00   |
| DISCCART | 316912.18 | 3901033.74 | 0.00 | 0.00   |
| DISCCART | 316888.01 | 3901034.24 | 0.00 | 0.00   |
| DISCCART | 316863.84 | 3901034.74 | 0.00 | 0.00   |
| DISCCART | 316839.67 | 3901035.24 | 0.00 | 0.00   |
| DISCCART | 316815.50 | 3901035.74 | 0.00 | 0.00   |
| DISCCART | 316791.33 | 3901036.24 | 0.00 | 0.00   |
| DISCCART | 316767.16 | 3901036.74 | 0.00 | 0.00   |
| DISCCART | 316742.99 | 3901037.24 | 0.00 | 0.00   |
| DISCCART | 316718.82 | 3901037.74 | 0.00 | 0.00   |
| DISCCART | 316694.65 | 3901038.24 | 0.00 | 0.00   |
| DISCCART | 316670.48 | 3901038.74 | 0.00 | 0.00   |
| DISCCART | 316646.31 | 3901039.24 | 0.00 | 0.00   |
| DISCCART | 316622.14 | 3901039.74 | 0.00 | 0.00   |
| DISCCART | 317340.23 | 3901007.05 | 0.00 | 0.00   |
| DISCCART | 317298.39 | 3901000.74 | 0.00 | 0.00   |
| DISCCART | 317274.22 | 3901001.24 | 0.00 | 0.00   |
| DISCCART | 317250.05 | 3901001.74 | 0.00 | 0.00   |
| DISCCART | 317225.88 | 3901002.24 | 0.00 | 0.00   |
| DISCCART | 317201.71 | 3901002.74 | 0.00 | 0.00   |
| DISCCART | 317177.54 | 3901003.24 | 0.00 | 0.00   |
| DISCCART | 317153.37 | 3901003.74 | 0.00 | 0.00   |
| DISCCART | 317129.20 | 3901004.24 | 0.00 | 0.00   |
| DISCCART | 317105.03 | 3901004.74 | 0.00 | 0.00   |
| DISCCART | 317080.86 | 3901005.24 | 0.00 | 0.00   |
| DISCCART | 317056.69 | 3901005.74 | 0.00 | 0.00   |
| DISCCART | 317032.52 | 3901006.24 | 0.00 | 0.00   |
| DISCCART | 317008.35 | 3901006.74 | 0.00 | 0.00   |
| DISCCART | 316984.18 | 3901007.24 | 0.00 | 0.00   |
| DISCCART | 316960.01 | 3901007.74 | 0.00 | 0.00   |
| DISCCART | 316935.84 | 3901008.24 | 0.00 | 0.00   |
| DISCCART | 316911.67 | 3901008.74 | 0.00 | 0.00   |
| DISCCART | 316887.50 | 3901009.24 | 0.00 | 0.00   |
| DISCCART | 316863.33 | 3901009.74 | 0.00 | 0.00   |
| DISCCART | 316839.16 | 3901010.24 | 0.00 | 0.00   |
| DISCCART | 316814.99 | 3901010.74 | 0.00 | 0.00   |
| DISCCART | 316790.82 | 3901011.24 | 0.00 | 0.00   |

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|----------|-----------|------------|------|----------------|
| DISCCART | 316766.65 | 3901011.74 | 0.00 | 99.ADO<br>0.00 |
| DISCCART | 316742.48 | 3901012.24 | 0.00 | 0.00           |
| DISCCART | 316718.31 | 3901012.74 | 0.00 | 0.00           |
| DISCCART | 316694.14 | 3901013.24 | 0.00 | 0.00           |
| DISCCART | 316669.97 | 3901013.74 | 0.00 | 0.00           |
| DISCCART | 316645.80 | 3901014.24 | 0.00 | 0.00           |
| DISCCART | 316621.63 | 3901014.74 | 0.00 | 0.00           |
| DISCCART | 317339.72 | 3900982.06 | 0.00 | 0.00           |
| DISCCART | 317382.89 | 3901012.94 | 0.00 | 0.00           |
| DISCCART | 317297.87 | 3900975.75 | 0.00 | 0.00           |
| DISCCART | 317273.70 | 3900976.25 | 0.00 | 0.00           |
| DISCCART | 317249.53 | 3900976.75 | 0.00 | 0.00           |
| DISCCART | 317225.36 | 3900977.25 | 0.00 | 0.00           |
| DISCCART | 317201.19 | 3900977.75 | 0.00 | 0.00           |
| DISCCART | 317177.02 | 3900978.25 | 0.00 | 0.00           |
| DISCCART | 317152.85 | 3900978.75 | 0.00 | 0.00           |
| DISCCART | 317128.68 | 3900979.25 | 0.00 | 0.00           |
| DISCCART | 317104.51 | 3900979.75 | 0.00 | 0.00           |
| DISCCART | 317080.34 | 3900980.25 | 0.00 | 0.00           |
| DISCCART | 317056.17 | 3900980.75 | 0.00 | 0.00           |
| DISCCART | 317032.00 | 3900981.25 | 0.00 | 0.00           |
| DISCCART | 317007.83 | 3900981.75 | 0.00 | 0.00           |
| DISCCART | 316983.66 | 3900982.25 | 0.00 | 0.00           |
| DISCCART | 316959.49 | 3900982.75 | 0.00 | 0.00           |
| DISCCART | 316935.32 | 3900983.25 | 0.00 | 0.00           |
| DISCCART | 316911.15 | 3900983.75 | 0.00 | 0.00           |
| DISCCART | 316886.98 | 3900984.25 | 0.00 | 0.00           |
| DISCCART | 316862.81 | 3900984.75 | 0.00 | 0.00           |
| DISCCART | 316838.64 | 3900985.25 | 0.00 | 0.00           |
| DISCCART | 316814.47 | 3900985.75 | 0.00 | 0.00           |
| DISCCART | 316790.30 | 3900986.25 | 0.00 | 0.00           |
| DISCCART | 316766.13 | 3900986.75 | 0.00 | 0.00           |
| DISCCART | 316741.96 | 3900987.25 | 0.00 | 0.00           |
| DISCCART | 316717.79 | 3900987.75 | 0.00 | 0.00           |
| DISCCART | 316693.62 | 3900988.25 | 0.00 | 0.00           |
| DISCCART | 316669.45 | 3900988.75 | 0.00 | 0.00           |
| DISCCART | 316645.28 | 3900989.25 | 0.00 | 0.00           |
| DISCCART | 316621.11 | 3900989.75 | 0.00 | 0.00           |
| DISCCART | 317339.20 | 3900957.07 | 0.00 | 0.00           |
| DISCCART | 317374.55 | 3900970.69 | 0.00 | 0.00           |
| DISCCART | 317400.05 | 3900994.76 | 0.00 | 0.00           |



|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 317297.35 | 3900950.75 | 0.00 | 0.00   |
| DISCCART | 317273.18 | 3900951.25 | 0.00 | 0.00   |
| DISCCART | 317249.01 | 3900951.75 | 0.00 | 0.00   |
| DISCCART | 317224.84 | 3900952.25 | 0.00 | 0.00   |
| DISCCART | 317200.67 | 3900952.75 | 0.00 | 0.00   |
| DISCCART | 317176.50 | 3900953.25 | 0.00 | 0.00   |
| DISCCART | 317152.33 | 3900953.75 | 0.00 | 0.00   |
| DISCCART | 317128.16 | 3900954.25 | 0.00 | 0.00   |
| DISCCART | 317103.99 | 3900954.75 | 0.00 | 0.00   |
| DISCCART | 317079.82 | 3900955.25 | 0.00 | 0.00   |
| DISCCART | 317055.65 | 3900955.75 | 0.00 | 0.00   |
| DISCCART | 317031.48 | 3900956.25 | 0.00 | 0.00   |
| DISCCART | 317007.31 | 3900956.75 | 0.00 | 0.00   |
| DISCCART | 316983.14 | 3900957.25 | 0.00 | 0.00   |
| DISCCART | 316958.97 | 3900957.75 | 0.00 | 0.00   |
| DISCCART | 316934.80 | 3900958.25 | 0.00 | 0.00   |
| DISCCART | 316910.63 | 3900958.75 | 0.00 | 0.00   |
| DISCCART | 316886.46 | 3900959.25 | 0.00 | 0.00   |
| DISCCART | 316862.29 | 3900959.75 | 0.00 | 0.00   |
| DISCCART | 316838.12 | 3900960.25 | 0.00 | 0.00   |
| DISCCART | 316813.95 | 3900960.75 | 0.00 | 0.00   |
| DISCCART | 316789.78 | 3900961.25 | 0.00 | 0.00   |
| DISCCART | 316765.61 | 3900961.75 | 0.00 | 0.00   |
| DISCCART | 316741.44 | 3900962.25 | 0.00 | 0.00   |
| DISCCART | 316717.27 | 3900962.75 | 0.00 | 0.00   |
| DISCCART | 316693.10 | 3900963.25 | 0.00 | 0.00   |
| DISCCART | 316668.93 | 3900963.75 | 0.00 | 0.00   |
| DISCCART | 316644.76 | 3900964.25 | 0.00 | 0.00   |
| DISCCART | 316620.59 | 3900964.75 | 0.00 | 0.00   |
| DISCCART | 316598.26 | 3901059.31 | 0.00 | 0.00   |
| DISCCART | 316592.90 | 3901083.40 | 0.00 | 0.00   |
| DISCCART | 316587.55 | 3901107.50 | 0.00 | 0.00   |
| DISCCART | 316582.19 | 3901131.59 | 0.00 | 0.00   |
| DISCCART | 316576.84 | 3901155.69 | 0.00 | 0.00   |
| DISCCART | 316571.48 | 3901179.78 | 0.00 | 0.00   |
| DISCCART | 316566.13 | 3901203.88 | 0.00 | 0.00   |
| DISCCART | 316560.77 | 3901227.98 | 0.00 | 0.00   |
| DISCCART | 316555.42 | 3901252.07 | 0.00 | 0.00   |
| DISCCART | 316550.07 | 3901276.17 | 0.00 | 0.00   |
| DISCCART | 316544.71 | 3901300.26 | 0.00 | 0.00   |
| DISCCART | 316539.36 | 3901324.36 | 0.00 | 0.00   |

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|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316534.00 | 3901348.45 | 0.00 | 0.00   |
| DISCCART | 316528.65 | 3901372.55 | 0.00 | 0.00   |
| DISCCART | 316523.29 | 3901396.64 | 0.00 | 0.00   |
| DISCCART | 316517.94 | 3901420.74 | 0.00 | 0.00   |
| DISCCART | 316512.58 | 3901444.84 | 0.00 | 0.00   |
| DISCCART | 316507.23 | 3901468.93 | 0.00 | 0.00   |
| DISCCART | 316501.87 | 3901493.03 | 0.00 | 0.00   |
| DISCCART | 316496.52 | 3901517.12 | 0.00 | 0.00   |
| DISCCART | 316491.17 | 3901541.22 | 0.00 | 0.00   |
| DISCCART | 316485.81 | 3901565.31 | 0.00 | 0.00   |
| DISCCART | 316480.46 | 3901589.41 | 0.00 | 0.00   |
| DISCCART | 316475.10 | 3901613.50 | 0.00 | 0.00   |
| DISCCART | 316469.75 | 3901637.60 | 0.00 | 0.00   |
| DISCCART | 316464.39 | 3901661.70 | 0.00 | 0.00   |
| DISCCART | 316459.04 | 3901685.79 | 0.00 | 0.00   |
| DISCCART | 316453.68 | 3901709.89 | 0.00 | 0.00   |
| DISCCART | 316448.33 | 3901733.98 | 0.00 | 0.00   |
| DISCCART | 316442.98 | 3901758.08 | 0.00 | 0.00   |
| DISCCART | 316437.62 | 3901782.17 | 0.00 | 0.00   |
| DISCCART | 316432.27 | 3901806.27 | 0.00 | 0.00   |
| DISCCART | 316426.91 | 3901830.36 | 0.00 | 0.00   |
| DISCCART | 316421.56 | 3901854.46 | 0.00 | 0.00   |
| DISCCART | 316416.20 | 3901878.56 | 0.00 | 0.00   |
| DISCCART | 316410.85 | 3901902.65 | 0.00 | 0.00   |
| DISCCART | 316405.49 | 3901926.75 | 0.00 | 0.00   |
| DISCCART | 316400.14 | 3901950.84 | 0.00 | 0.00   |
| DISCCART | 316394.79 | 3901974.94 | 0.00 | 0.00   |
| DISCCART | 316389.43 | 3901999.03 | 0.00 | 0.00   |
| DISCCART | 316384.08 | 3902023.13 | 0.00 | 0.00   |
| DISCCART | 316378.72 | 3902047.22 | 0.00 | 0.00   |
| DISCCART | 316373.37 | 3902071.32 | 0.00 | 0.00   |
| DISCCART | 316368.01 | 3902095.41 | 0.00 | 0.00   |
| DISCCART | 316362.66 | 3902119.51 | 0.00 | 0.00   |
| DISCCART | 316357.30 | 3902143.61 | 0.00 | 0.00   |
| DISCCART | 316351.95 | 3902167.70 | 0.00 | 0.00   |
| DISCCART | 316346.60 | 3902191.80 | 0.00 | 0.00   |
| DISCCART | 316341.24 | 3902215.89 | 0.00 | 0.00   |
| DISCCART | 316335.89 | 3902239.99 | 0.00 | 0.00   |
| DISCCART | 316330.53 | 3902264.08 | 0.00 | 0.00   |
| DISCCART | 316325.18 | 3902288.18 | 0.00 | 0.00   |
| DISCCART | 316319.82 | 3902312.27 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316314.47 | 3902336.37 | 0.00 | 0.00   |
| DISCCART | 316309.11 | 3902360.47 | 0.00 | 0.00   |
| DISCCART | 316303.76 | 3902384.56 | 0.00 | 0.00   |
| DISCCART | 316298.41 | 3902408.66 | 0.00 | 0.00   |
| DISCCART | 316293.05 | 3902432.75 | 0.00 | 0.00   |
| DISCCART | 316287.70 | 3902456.85 | 0.00 | 0.00   |
| DISCCART | 316282.34 | 3902480.94 | 0.00 | 0.00   |
| DISCCART | 316276.99 | 3902505.04 | 0.00 | 0.00   |
| DISCCART | 316271.63 | 3902529.13 | 0.00 | 0.00   |
| DISCCART | 316266.28 | 3902553.23 | 0.00 | 0.00   |
| DISCCART | 316260.92 | 3902577.33 | 0.00 | 0.00   |
| DISCCART | 316255.57 | 3902601.42 | 0.00 | 0.00   |
| DISCCART | 316250.22 | 3902625.52 | 0.00 | 0.00   |
| DISCCART | 316582.41 | 3901039.97 | 0.00 | 0.00   |
| DISCCART | 316568.50 | 3901077.98 | 0.00 | 0.00   |
| DISCCART | 316563.14 | 3901102.07 | 0.00 | 0.00   |
| DISCCART | 316557.79 | 3901126.17 | 0.00 | 0.00   |
| DISCCART | 316552.43 | 3901150.27 | 0.00 | 0.00   |
| DISCCART | 316547.08 | 3901174.36 | 0.00 | 0.00   |
| DISCCART | 316541.72 | 3901198.46 | 0.00 | 0.00   |
| DISCCART | 316536.37 | 3901222.55 | 0.00 | 0.00   |
| DISCCART | 316531.01 | 3901246.65 | 0.00 | 0.00   |
| DISCCART | 316525.66 | 3901270.74 | 0.00 | 0.00   |
| DISCCART | 316520.31 | 3901294.84 | 0.00 | 0.00   |
| DISCCART | 316514.95 | 3901318.93 | 0.00 | 0.00   |
| DISCCART | 316509.60 | 3901343.03 | 0.00 | 0.00   |
| DISCCART | 316504.24 | 3901367.13 | 0.00 | 0.00   |
| DISCCART | 316498.89 | 3901391.22 | 0.00 | 0.00   |
| DISCCART | 316493.53 | 3901415.32 | 0.00 | 0.00   |
| DISCCART | 316488.18 | 3901439.41 | 0.00 | 0.00   |
| DISCCART | 316482.82 | 3901463.51 | 0.00 | 0.00   |
| DISCCART | 316477.47 | 3901487.60 | 0.00 | 0.00   |
| DISCCART | 316472.12 | 3901511.70 | 0.00 | 0.00   |
| DISCCART | 316466.76 | 3901535.79 | 0.00 | 0.00   |
| DISCCART | 316461.41 | 3901559.89 | 0.00 | 0.00   |
| DISCCART | 316456.05 | 3901583.99 | 0.00 | 0.00   |
| DISCCART | 316450.70 | 3901608.08 | 0.00 | 0.00   |
| DISCCART | 316445.34 | 3901632.18 | 0.00 | 0.00   |
| DISCCART | 316439.99 | 3901656.27 | 0.00 | 0.00   |
| DISCCART | 316434.63 | 3901680.37 | 0.00 | 0.00   |
| DISCCART | 316429.28 | 3901704.46 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316423.93 | 3901728.56 | 0.00 | 0.00   |
| DISCCART | 316418.57 | 3901752.65 | 0.00 | 0.00   |
| DISCCART | 316413.22 | 3901776.75 | 0.00 | 0.00   |
| DISCCART | 316407.86 | 3901800.85 | 0.00 | 0.00   |
| DISCCART | 316402.51 | 3901824.94 | 0.00 | 0.00   |
| DISCCART | 316397.15 | 3901849.04 | 0.00 | 0.00   |
| DISCCART | 316391.80 | 3901873.13 | 0.00 | 0.00   |
| DISCCART | 316386.44 | 3901897.23 | 0.00 | 0.00   |
| DISCCART | 316381.09 | 3901921.32 | 0.00 | 0.00   |
| DISCCART | 316375.74 | 3901945.42 | 0.00 | 0.00   |
| DISCCART | 316370.38 | 3901969.51 | 0.00 | 0.00   |
| DISCCART | 316365.03 | 3901993.61 | 0.00 | 0.00   |
| DISCCART | 316359.67 | 3902017.71 | 0.00 | 0.00   |
| DISCCART | 316354.32 | 3902041.80 | 0.00 | 0.00   |
| DISCCART | 316348.96 | 3902065.90 | 0.00 | 0.00   |
| DISCCART | 316343.61 | 3902089.99 | 0.00 | 0.00   |
| DISCCART | 316338.25 | 3902114.09 | 0.00 | 0.00   |
| DISCCART | 316332.90 | 3902138.18 | 0.00 | 0.00   |
| DISCCART | 316327.55 | 3902162.28 | 0.00 | 0.00   |
| DISCCART | 316322.19 | 3902186.37 | 0.00 | 0.00   |
| DISCCART | 316316.84 | 3902210.47 | 0.00 | 0.00   |
| DISCCART | 316311.48 | 3902234.57 | 0.00 | 0.00   |
| DISCCART | 316306.13 | 3902258.66 | 0.00 | 0.00   |
| DISCCART | 316300.77 | 3902282.76 | 0.00 | 0.00   |
| DISCCART | 316295.42 | 3902306.85 | 0.00 | 0.00   |
| DISCCART | 316290.06 | 3902330.95 | 0.00 | 0.00   |
| DISCCART | 316284.71 | 3902355.04 | 0.00 | 0.00   |
| DISCCART | 316279.36 | 3902379.14 | 0.00 | 0.00   |
| DISCCART | 316274.00 | 3902403.23 | 0.00 | 0.00   |
| DISCCART | 316268.65 | 3902427.33 | 0.00 | 0.00   |
| DISCCART | 316263.29 | 3902451.42 | 0.00 | 0.00   |
| DISCCART | 316257.94 | 3902475.52 | 0.00 | 0.00   |
| DISCCART | 316252.58 | 3902499.62 | 0.00 | 0.00   |
| DISCCART | 316247.23 | 3902523.71 | 0.00 | 0.00   |
| DISCCART | 316241.87 | 3902547.81 | 0.00 | 0.00   |
| DISCCART | 316236.52 | 3902571.90 | 0.00 | 0.00   |
| DISCCART | 316231.17 | 3902596.00 | 0.00 | 0.00   |
| DISCCART | 316225.81 | 3902620.09 | 0.00 | 0.00   |
| DISCCART | 316562.29 | 3901027.59 | 0.00 | 0.00   |
| DISCCART | 316598.12 | 3900998.23 | 0.00 | 0.00   |
| DISCCART | 316549.45 | 3901048.46 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316544.09 | 3901072.56 | 0.00 | 0.00   |
| DISCCART | 316538.74 | 3901096.65 | 0.00 | 0.00   |
| DISCCART | 316533.38 | 3901120.75 | 0.00 | 0.00   |
| DISCCART | 316528.03 | 3901144.84 | 0.00 | 0.00   |
| DISCCART | 316522.67 | 3901168.94 | 0.00 | 0.00   |
| DISCCART | 316517.32 | 3901193.03 | 0.00 | 0.00   |
| DISCCART | 316511.96 | 3901217.13 | 0.00 | 0.00   |
| DISCCART | 316506.61 | 3901241.22 | 0.00 | 0.00   |
| DISCCART | 316501.26 | 3901265.32 | 0.00 | 0.00   |
| DISCCART | 316495.90 | 3901289.42 | 0.00 | 0.00   |
| DISCCART | 316490.55 | 3901313.51 | 0.00 | 0.00   |
| DISCCART | 316485.19 | 3901337.61 | 0.00 | 0.00   |
| DISCCART | 316479.84 | 3901361.70 | 0.00 | 0.00   |
| DISCCART | 316474.48 | 3901385.80 | 0.00 | 0.00   |
| DISCCART | 316469.13 | 3901409.89 | 0.00 | 0.00   |
| DISCCART | 316463.77 | 3901433.99 | 0.00 | 0.00   |
| DISCCART | 316458.42 | 3901458.08 | 0.00 | 0.00   |
| DISCCART | 316453.07 | 3901482.18 | 0.00 | 0.00   |
| DISCCART | 316447.71 | 3901506.28 | 0.00 | 0.00   |
| DISCCART | 316442.36 | 3901530.37 | 0.00 | 0.00   |
| DISCCART | 316437.00 | 3901554.47 | 0.00 | 0.00   |
| DISCCART | 316431.65 | 3901578.56 | 0.00 | 0.00   |
| DISCCART | 316426.29 | 3901602.66 | 0.00 | 0.00   |
| DISCCART | 316420.94 | 3901626.75 | 0.00 | 0.00   |
| DISCCART | 316415.58 | 3901650.85 | 0.00 | 0.00   |
| DISCCART | 316410.23 | 3901674.94 | 0.00 | 0.00   |
| DISCCART | 316404.88 | 3901699.04 | 0.00 | 0.00   |
| DISCCART | 316399.52 | 3901723.14 | 0.00 | 0.00   |
| DISCCART | 316394.17 | 3901747.23 | 0.00 | 0.00   |
| DISCCART | 316388.81 | 3901771.33 | 0.00 | 0.00   |
| DISCCART | 316383.46 | 3901795.42 | 0.00 | 0.00   |
| DISCCART | 316378.10 | 3901819.52 | 0.00 | 0.00   |
| DISCCART | 316372.75 | 3901843.61 | 0.00 | 0.00   |
| DISCCART | 316367.39 | 3901867.71 | 0.00 | 0.00   |
| DISCCART | 316362.04 | 3901891.80 | 0.00 | 0.00   |
| DISCCART | 316356.69 | 3901915.90 | 0.00 | 0.00   |
| DISCCART | 316351.33 | 3901940.00 | 0.00 | 0.00   |
| DISCCART | 316345.98 | 3901964.09 | 0.00 | 0.00   |
| DISCCART | 316340.62 | 3901988.19 | 0.00 | 0.00   |
| DISCCART | 316335.27 | 3902012.28 | 0.00 | 0.00   |
| DISCCART | 316329.91 | 3902036.38 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316324.56 | 3902060.47 | 0.00 | 0.00   |
| DISCCART | 316319.20 | 3902084.57 | 0.00 | 0.00   |
| DISCCART | 316313.85 | 3902108.66 | 0.00 | 0.00   |
| DISCCART | 316308.50 | 3902132.76 | 0.00 | 0.00   |
| DISCCART | 316303.14 | 3902156.86 | 0.00 | 0.00   |
| DISCCART | 316297.79 | 3902180.95 | 0.00 | 0.00   |
| DISCCART | 316292.43 | 3902205.05 | 0.00 | 0.00   |
| DISCCART | 316287.08 | 3902229.14 | 0.00 | 0.00   |
| DISCCART | 316281.72 | 3902253.24 | 0.00 | 0.00   |
| DISCCART | 316276.37 | 3902277.33 | 0.00 | 0.00   |
| DISCCART | 316271.01 | 3902301.43 | 0.00 | 0.00   |
| DISCCART | 316265.66 | 3902325.52 | 0.00 | 0.00   |
| DISCCART | 316260.30 | 3902349.62 | 0.00 | 0.00   |
| DISCCART | 316254.95 | 3902373.72 | 0.00 | 0.00   |
| DISCCART | 316249.60 | 3902397.81 | 0.00 | 0.00   |
| DISCCART | 316244.24 | 3902421.91 | 0.00 | 0.00   |
| DISCCART | 316238.89 | 3902446.00 | 0.00 | 0.00   |
| DISCCART | 316233.53 | 3902470.10 | 0.00 | 0.00   |
| DISCCART | 316228.18 | 3902494.19 | 0.00 | 0.00   |
| DISCCART | 316222.82 | 3902518.29 | 0.00 | 0.00   |
| DISCCART | 316217.47 | 3902542.38 | 0.00 | 0.00   |
| DISCCART | 316212.11 | 3902566.48 | 0.00 | 0.00   |
| DISCCART | 316206.76 | 3902590.57 | 0.00 | 0.00   |
| DISCCART | 316201.41 | 3902614.67 | 0.00 | 0.00   |
| DISCCART | 316536.46 | 3901024.48 | 0.00 | 0.00   |
| DISCCART | 316579.72 | 3900979.84 | 0.00 | 0.00   |
| DISCCART | 316519.69 | 3901067.13 | 0.00 | 0.00   |
| DISCCART | 316514.33 | 3901091.23 | 0.00 | 0.00   |
| DISCCART | 316508.98 | 3901115.32 | 0.00 | 0.00   |
| DISCCART | 316503.62 | 3901139.42 | 0.00 | 0.00   |
| DISCCART | 316498.27 | 3901163.52 | 0.00 | 0.00   |
| DISCCART | 316492.91 | 3901187.61 | 0.00 | 0.00   |
| DISCCART | 316487.56 | 3901211.71 | 0.00 | 0.00   |
| DISCCART | 316482.21 | 3901235.80 | 0.00 | 0.00   |
| DISCCART | 316476.85 | 3901259.90 | 0.00 | 0.00   |
| DISCCART | 316471.50 | 3901283.99 | 0.00 | 0.00   |
| DISCCART | 316466.14 | 3901308.09 | 0.00 | 0.00   |
| DISCCART | 316460.79 | 3901332.18 | 0.00 | 0.00   |
| DISCCART | 316455.43 | 3901356.28 | 0.00 | 0.00   |
| DISCCART | 316450.08 | 3901380.37 | 0.00 | 0.00   |
| DISCCART | 316444.72 | 3901404.47 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316439.37 | 3901428.57 | 0.00 | 0.00   |
| DISCCART | 316434.02 | 3901452.66 | 0.00 | 0.00   |
| DISCCART | 316428.66 | 3901476.76 | 0.00 | 0.00   |
| DISCCART | 316423.31 | 3901500.85 | 0.00 | 0.00   |
| DISCCART | 316417.95 | 3901524.95 | 0.00 | 0.00   |
| DISCCART | 316412.60 | 3901549.04 | 0.00 | 0.00   |
| DISCCART | 316407.24 | 3901573.14 | 0.00 | 0.00   |
| DISCCART | 316401.89 | 3901597.23 | 0.00 | 0.00   |
| DISCCART | 316396.53 | 3901621.33 | 0.00 | 0.00   |
| DISCCART | 316391.18 | 3901645.43 | 0.00 | 0.00   |
| DISCCART | 316385.83 | 3901669.52 | 0.00 | 0.00   |
| DISCCART | 316380.47 | 3901693.62 | 0.00 | 0.00   |
| DISCCART | 316375.12 | 3901717.71 | 0.00 | 0.00   |
| DISCCART | 316369.76 | 3901741.81 | 0.00 | 0.00   |
| DISCCART | 316364.41 | 3901765.90 | 0.00 | 0.00   |
| DISCCART | 316359.05 | 3901790.00 | 0.00 | 0.00   |
| DISCCART | 316353.70 | 3901814.09 | 0.00 | 0.00   |
| DISCCART | 316348.34 | 3901838.19 | 0.00 | 0.00   |
| DISCCART | 316342.99 | 3901862.29 | 0.00 | 0.00   |
| DISCCART | 316337.64 | 3901886.38 | 0.00 | 0.00   |
| DISCCART | 316332.28 | 3901910.48 | 0.00 | 0.00   |
| DISCCART | 316326.93 | 3901934.57 | 0.00 | 0.00   |
| DISCCART | 316321.57 | 3901958.67 | 0.00 | 0.00   |
| DISCCART | 316316.22 | 3901982.76 | 0.00 | 0.00   |
| DISCCART | 316310.86 | 3902006.86 | 0.00 | 0.00   |
| DISCCART | 316305.51 | 3902030.95 | 0.00 | 0.00   |
| DISCCART | 316300.15 | 3902055.05 | 0.00 | 0.00   |
| DISCCART | 316294.80 | 3902079.15 | 0.00 | 0.00   |
| DISCCART | 316289.44 | 3902103.24 | 0.00 | 0.00   |
| DISCCART | 316284.09 | 3902127.34 | 0.00 | 0.00   |
| DISCCART | 316278.74 | 3902151.43 | 0.00 | 0.00   |
| DISCCART | 316273.38 | 3902175.53 | 0.00 | 0.00   |
| DISCCART | 316268.03 | 3902199.62 | 0.00 | 0.00   |
| DISCCART | 316262.67 | 3902223.72 | 0.00 | 0.00   |
| DISCCART | 316257.32 | 3902247.81 | 0.00 | 0.00   |
| DISCCART | 316251.96 | 3902271.91 | 0.00 | 0.00   |
| DISCCART | 316246.61 | 3902296.01 | 0.00 | 0.00   |
| DISCCART | 316241.25 | 3902320.10 | 0.00 | 0.00   |
| DISCCART | 316235.90 | 3902344.20 | 0.00 | 0.00   |
| DISCCART | 316230.55 | 3902368.29 | 0.00 | 0.00   |
| DISCCART | 316225.19 | 3902392.39 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316219.84 | 3902416.48 | 0.00 | 0.00   |
| DISCCART | 316214.48 | 3902440.58 | 0.00 | 0.00   |
| DISCCART | 316209.13 | 3902464.67 | 0.00 | 0.00   |
| DISCCART | 316203.77 | 3902488.77 | 0.00 | 0.00   |
| DISCCART | 316198.42 | 3902512.87 | 0.00 | 0.00   |
| DISCCART | 316193.06 | 3902536.96 | 0.00 | 0.00   |
| DISCCART | 316187.71 | 3902561.06 | 0.00 | 0.00   |
| DISCCART | 316182.36 | 3902585.15 | 0.00 | 0.00   |
| DISCCART | 316177.00 | 3902609.25 | 0.00 | 0.00   |
| DISCCART | 316274.62 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316298.98 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316323.33 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316347.69 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316372.04 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316396.40 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316420.75 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316445.11 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316469.47 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316493.82 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316518.18 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316542.53 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316566.89 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316591.25 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316615.60 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316639.96 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316664.31 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316688.67 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316713.02 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316737.38 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316761.74 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316786.09 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316810.45 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316834.80 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316859.16 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316883.51 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316907.87 | 3902655.94 | 0.00 | 0.00   |
| DISCCART | 316255.12 | 3902671.58 | 0.00 | 0.00   |
| DISCCART | 316298.98 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316323.33 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316347.69 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316372.04 | 3902680.94 | 0.00 | 0.00   |



|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316396.40 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316420.75 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316445.11 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316469.47 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316493.82 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316518.18 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316542.53 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316566.89 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316591.25 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316615.60 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316639.96 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316664.31 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316688.67 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316713.02 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316737.38 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316761.74 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316786.09 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316810.45 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316834.80 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316859.16 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316883.51 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316907.87 | 3902680.94 | 0.00 | 0.00   |
| DISCCART | 316255.12 | 3902696.58 | 0.00 | 0.00   |
| DISCCART | 316211.21 | 3902656.80 | 0.00 | 0.00   |
| DISCCART | 316298.98 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316323.33 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316347.69 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316372.04 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316396.40 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316420.75 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316445.11 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316469.47 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316493.82 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316518.18 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316542.53 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316566.89 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316591.25 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316615.60 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316639.96 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316664.31 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316688.67 | 3902705.94 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316713.02 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316737.38 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316761.74 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316786.09 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316810.45 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316834.80 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316859.16 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316883.51 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316907.87 | 3902705.94 | 0.00 | 0.00   |
| DISCCART | 316255.12 | 3902721.58 | 0.00 | 0.00   |
| DISCCART | 316216.12 | 3902702.87 | 0.00 | 0.00   |
| DISCCART | 316191.71 | 3902672.45 | 0.00 | 0.00   |
| DISCCART | 316298.98 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316323.33 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316347.69 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316372.04 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316396.40 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316420.75 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316445.11 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316469.47 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316493.82 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316518.18 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316542.53 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316566.89 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316591.25 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316615.60 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316639.96 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316664.31 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316688.67 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316713.02 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316737.38 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316761.74 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316786.09 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316810.45 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316834.80 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316859.16 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316883.51 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316907.87 | 3902730.94 | 0.00 | 0.00   |
| DISCCART | 316932.87 | 3902631.35 | 0.00 | 0.00   |
| DISCCART | 316933.27 | 3902606.98 | 0.00 | 0.00   |
| DISCCART | 316933.67 | 3902582.61 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
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| DISCCART | 316934.48 | 3902533.87 | 0.00 | 0.00   |
| DISCCART | 316934.88 | 3902509.50 | 0.00 | 0.00   |
| DISCCART | 316935.28 | 3902485.13 | 0.00 | 0.00   |
| DISCCART | 316935.69 | 3902460.75 | 0.00 | 0.00   |
| DISCCART | 316936.09 | 3902436.38 | 0.00 | 0.00   |
| DISCCART | 316936.49 | 3902412.01 | 0.00 | 0.00   |
| DISCCART | 316936.90 | 3902387.64 | 0.00 | 0.00   |
| DISCCART | 316937.30 | 3902363.27 | 0.00 | 0.00   |
| DISCCART | 316937.70 | 3902338.90 | 0.00 | 0.00   |
| DISCCART | 316938.10 | 3902314.53 | 0.00 | 0.00   |
| DISCCART | 316938.51 | 3902290.16 | 0.00 | 0.00   |
| DISCCART | 316938.91 | 3902265.78 | 0.00 | 0.00   |
| DISCCART | 316939.31 | 3902241.41 | 0.00 | 0.00   |
| DISCCART | 316939.72 | 3902217.04 | 0.00 | 0.00   |
| DISCCART | 316940.12 | 3902192.67 | 0.00 | 0.00   |
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| DISCCART | 316959.07 | 3902558.65 | 0.00 | 0.00   |
| DISCCART | 316959.47 | 3902534.28 | 0.00 | 0.00   |
| DISCCART | 316959.88 | 3902509.91 | 0.00 | 0.00   |
| DISCCART | 316960.28 | 3902485.54 | 0.00 | 0.00   |
| DISCCART | 316960.68 | 3902461.17 | 0.00 | 0.00   |
| DISCCART | 316961.09 | 3902436.80 | 0.00 | 0.00   |
| DISCCART | 316961.49 | 3902412.43 | 0.00 | 0.00   |
| DISCCART | 316961.89 | 3902388.05 | 0.00 | 0.00   |
| DISCCART | 316962.30 | 3902363.68 | 0.00 | 0.00   |
| DISCCART | 316962.70 | 3902339.31 | 0.00 | 0.00   |
| DISCCART | 316963.10 | 3902314.94 | 0.00 | 0.00   |
| DISCCART | 316963.50 | 3902290.57 | 0.00 | 0.00   |
| DISCCART | 316963.91 | 3902266.20 | 0.00 | 0.00   |
| DISCCART | 316964.31 | 3902241.83 | 0.00 | 0.00   |
| DISCCART | 316964.71 | 3902217.46 | 0.00 | 0.00   |
| DISCCART | 316965.12 | 3902193.08 | 0.00 | 0.00   |
| DISCCART | 316965.52 | 3902168.71 | 0.00 | 0.00   |
| DISCCART | 316975.39 | 3902649.59 | 0.00 | 0.00   |
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| DISCCART | 316983.26 | 3902607.81 | 0.00 | 0.00   |
| DISCCART | 316983.67 | 3902583.44 | 0.00 | 0.00   |
| DISCCART | 316984.07 | 3902559.07 | 0.00 | 0.00   |

|          |           |            |      |        |
|----------|-----------|------------|------|--------|
|          |           |            |      | 99.ADO |
| DISCCART | 316984.47 | 3902534.69 | 0.00 | 0.00   |
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| DISCCART | 316986.08 | 3902437.21 | 0.00 | 0.00   |
| DISCCART | 316986.49 | 3902412.84 | 0.00 | 0.00   |
| DISCCART | 316986.89 | 3902388.47 | 0.00 | 0.00   |
| DISCCART | 316987.29 | 3902364.10 | 0.00 | 0.00   |
| DISCCART | 316987.69 | 3902339.72 | 0.00 | 0.00   |
| DISCCART | 316988.10 | 3902315.35 | 0.00 | 0.00   |
| DISCCART | 316988.50 | 3902290.98 | 0.00 | 0.00   |
| DISCCART | 316988.90 | 3902266.61 | 0.00 | 0.00   |
| DISCCART | 316989.31 | 3902242.24 | 0.00 | 0.00   |
| DISCCART | 316989.71 | 3902217.87 | 0.00 | 0.00   |
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| DISCCART | 316990.52 | 3902169.13 | 0.00 | 0.00   |
| DISCCART | 317000.39 | 3902650.00 | 0.00 | 0.00   |
| DISCCART | 316985.46 | 3902684.82 | 0.00 | 0.00   |
| DISCCART | 316960.46 | 3902709.41 | 0.00 | 0.00   |
| DISCCART | 317008.26 | 3902608.22 | 0.00 | 0.00   |
| DISCCART | 317008.66 | 3902583.85 | 0.00 | 0.00   |
| DISCCART | 317009.07 | 3902559.48 | 0.00 | 0.00   |
| DISCCART | 317009.47 | 3902535.11 | 0.00 | 0.00   |
| DISCCART | 317009.87 | 3902510.74 | 0.00 | 0.00   |
| DISCCART | 317010.27 | 3902486.37 | 0.00 | 0.00   |
| DISCCART | 317010.68 | 3902461.99 | 0.00 | 0.00   |
| DISCCART | 317011.08 | 3902437.62 | 0.00 | 0.00   |
| DISCCART | 317011.48 | 3902413.25 | 0.00 | 0.00   |
| DISCCART | 317011.89 | 3902388.88 | 0.00 | 0.00   |
| DISCCART | 317012.29 | 3902364.51 | 0.00 | 0.00   |
| DISCCART | 317012.69 | 3902340.14 | 0.00 | 0.00   |
| DISCCART | 317013.09 | 3902315.77 | 0.00 | 0.00   |
| DISCCART | 317013.50 | 3902291.40 | 0.00 | 0.00   |
| DISCCART | 317013.90 | 3902267.02 | 0.00 | 0.00   |
| DISCCART | 317014.30 | 3902242.65 | 0.00 | 0.00   |
| DISCCART | 317014.71 | 3902218.28 | 0.00 | 0.00   |
| DISCCART | 317015.11 | 3902193.91 | 0.00 | 0.00   |
| DISCCART | 317015.51 | 3902169.54 | 0.00 | 0.00   |

RE FINISHED

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\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE C:\Lakes\MET\SJVAerMt\BAKERS04.SFC

PROFFILE C:\Lakes\MET\SJVAerMt\BAKERS04.PFL

SURFDATA 23155 2004

UAIRDATA 23230 2004 OAKLAND/WSO\_AP

PROFBASE 149 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 PAREA1 1ST 99.AD\01H1G001.PLT

PLOTFILE 3 PAREA1 1ST 99.AD\03H1G001.PLT

PLOTFILE 8 PAREA1 1ST 99.AD\08H1G001.PLT

PLOTFILE 24 PAREA1 1ST 99.AD\24H1G001.PLT

PLOTFILE PERIOD PAREA1 99.AD\PE00G001.PLT

OU FINISHED

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

□ \*\*\* AERMOD - VERSION 07026 \*\*\* \*\*\* C:\Lakes\BFD\BFD.isc  
 \*\*\* 05/07/09 \*\*\*

\*\*\* 12:32:17

\*\*MODELOPTs:

PAGE 1

CONC

DEFAULT ELEV

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

-----

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

-- DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*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

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*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 930 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

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

\*\*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)

\*\*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) = 149.00 ; 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 = 1.3 MB of RAM.

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\*\*MODELOPTs:

PAGE 2

CONC DFAULT ELEV

\*\*\* AREAPOLY SOURCE DATA \*\*\*

| EMISSION RATE | NUMBER | EMISSION RATE | LOCATION OF AREA |           | BASE     | RELEASE  | NUMBER    | INIT.    | URBAN  |
|---------------|--------|---------------|------------------|-----------|----------|----------|-----------|----------|--------|
| SOURCE        | PART.  | (GRAMS/SEC    | X                | Y         | ELEV.    | HEIGHT   | OF VERTS. | SZ       | SOURCE |
| SCALAR VARY   | ID     | CATS.         | /METER**2)       | (METERS)  | (METERS) | (METERS) | (METERS)  | (METERS) |        |
| BY            |        |               |                  |           |          |          |           |          |        |
| PAREAl        | 0      | 0.78840E-06   | 316292.4         | 3902627.2 | 0.0      | 1.00     | 10        | 0.00     | NO     |

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\*\*MODELOPTs:

PAGE 3

CONC DFAULT ELEV

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

PAREAl PAREAl ,  
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\*\*\* 05/07/09

\*\*\*

\*\*\* 12:32:17

\*\*MODELOPTs:

PAGE 4

CONC

DFAULT ELEV

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

|                        |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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| 0.0, 0.0);             |      |      |       |                        |      |
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0.0,      0.0);

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*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      05/07/09

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***      12:32:17

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\*\*MODELOPTs:

PAGE 5

CONC

DFAULT ELEV

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

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```

( 317407.5, 3901927.8,      0.0,      0.0,      0.0);      ( 317409.3, 3901902.8,      0.0,
0.0,      0.0);
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0.0,      0.0);
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0.0,      0.0);
( 317346.3, 3902137.0,      0.0,      0.0,      0.0);      ( 317423.3, 3902053.2,      0.0,
0.0,      0.0);
( 317425.1, 3902028.5,      0.0,      0.0,      0.0);      ( 317426.9, 3902003.8,      0.0,
0.0,      0.0);
( 317428.8, 3901979.0,      0.0,      0.0,      0.0);      ( 317430.6, 3901954.2,      0.0,
0.0,      0.0);
( 317432.4, 3901929.5,      0.0,      0.0,      0.0);      ( 317434.2, 3901904.8,      0.0,
0.0,      0.0);
( 317436.0, 3901880.0,      0.0,      0.0,      0.0);      ( 317458.9, 3901872.8,      0.0,
0.0,      0.0);
( 317483.1, 3901872.8,      0.0,      0.0,      0.0);      ( 317507.3, 3901872.8,      0.0,
0.0,      0.0);
( 317531.5, 3901872.8,      0.0,      0.0,      0.0);      ( 317555.6, 3901872.8,      0.0,
0.0,      0.0);
( 317579.8, 3901872.8,      0.0,      0.0,      0.0);      ( 317604.0, 3901872.8,      0.0,
0.0,      0.0);
( 317628.1, 3901872.8,      0.0,      0.0,      0.0);      ( 317652.3, 3901872.8,      0.0,
0.0,      0.0);
( 317676.5, 3901872.8,      0.0,      0.0,      0.0);      ( 317700.6, 3901872.8,      0.0,
0.0,      0.0);
( 317724.8, 3901872.8,      0.0,      0.0,      0.0);      ( 317749.0, 3901872.8,      0.0,
0.0,      0.0);
( 317458.9, 3901897.8,      0.0,      0.0,      0.0);      ( 317483.1, 3901897.8,      0.0,
0.0,      0.0);
( 317507.3, 3901897.8,      0.0,      0.0,      0.0);      ( 317531.5, 3901897.8,      0.0,
0.0,      0.0);
( 317555.6, 3901897.8,      0.0,      0.0,      0.0);      ( 317579.8, 3901897.8,      0.0,
0.0,      0.0);
( 317604.0, 3901897.8,      0.0,      0.0,      0.0);      ( 317628.1, 3901897.8,      0.0,
0.0,      0.0);
( 317652.3, 3901897.8,      0.0,      0.0,      0.0);      ( 317676.5, 3901897.8,      0.0,
0.0,      0.0);
( 317700.6, 3901897.8,      0.0,      0.0,      0.0);      ( 317724.8, 3901897.8,      0.0,
0.0,      0.0);
( 317749.0, 3901897.8,      0.0,      0.0,      0.0);      ( 317458.9, 3901922.8,      0.0,
0.0,      0.0);
( 317483.1, 3901922.8,      0.0,      0.0,      0.0);      ( 317507.3, 3901922.8,      0.0,
0.0,      0.0);
( 317531.5, 3901922.8,      0.0,      0.0,      0.0);      ( 317555.6, 3901922.8,      0.0,
0.0,      0.0);
( 317579.8, 3901922.8,      0.0,      0.0,      0.0);      ( 317604.0, 3901922.8,      0.0,
0.0,      0.0);

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## 99.ADO

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0.0,      0.0);
( 317628.1, 3901922.8,      0.0,      0.0,      0.0); ( 317652.3, 3901922.8,      0.0,
0.0,      0.0);
( 317676.5, 3901922.8,      0.0,      0.0,      0.0); ( 317700.6, 3901922.8,      0.0,
0.0,      0.0);
( 317724.8, 3901922.8,      0.0,      0.0,      0.0); ( 317749.0, 3901922.8,      0.0,
0.0,      0.0);
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0.0,      0.0);
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0.0,      0.0);
( 317555.6, 3901947.8,      0.0,      0.0,      0.0); ( 317579.8, 3901947.8,      0.0,
0.0,      0.0);
( 317604.0, 3901947.8,      0.0,      0.0,      0.0); ( 317628.1, 3901947.8,      0.0,
0.0,      0.0);
( 317652.3, 3901947.8,      0.0,      0.0,      0.0); ( 317676.5, 3901947.8,      0.0,
0.0,      0.0);
( 317700.6, 3901947.8,      0.0,      0.0,      0.0); ( 317724.8, 3901947.8,      0.0,
0.0,      0.0);
( 317749.0, 3901947.8,      0.0,      0.0,      0.0); ( 317774.0, 3901847.8,      0.0,
0.0,      0.0);
( 317774.0, 3901823.2,      0.0,      0.0,      0.0); ( 317774.0, 3901799.0,      0.0,
0.0,      0.0);
( 317774.0, 3901774.5,      0.0,      0.0,      0.0); ( 317774.0, 3901750.0,      0.0,
0.0,      0.0);
( 317774.0, 3901725.5,      0.0,      0.0,      0.0); ( 317774.0, 3901701.0,      0.0,
0.0,      0.0);
( 317774.0, 3901676.5,      0.0,      0.0,      0.0); ( 317774.0, 3901652.0,      0.0,
0.0,      0.0);
( 317774.0, 3901627.5,      0.0,      0.0,      0.0); ( 317774.0, 3901603.0,      0.0,
0.0,      0.0);
( 317774.0, 3901578.8,      0.0,      0.0,      0.0); ( 317774.0, 3901554.2,      0.0,
0.0,      0.0);
( 317774.0, 3901529.8,      0.0,      0.0,      0.0); ( 317774.0, 3901505.2,      0.0,
0.0,      0.0);
( 317774.0, 3901480.8,      0.0,      0.0,      0.0); ( 317774.0, 3901456.2,      0.0,
0.0,      0.0);
( 317791.7, 3901865.5,      0.0,      0.0,      0.0); ( 317799.0, 3901823.2,      0.0,
0.0,      0.0);
( 317799.0, 3901799.0,      0.0,      0.0,      0.0); ( 317799.0, 3901774.5,      0.0,
0.0,      0.0);
( 317799.0, 3901750.0,      0.0,      0.0,      0.0); ( 317799.0, 3901725.5,      0.0,
0.0,      0.0);
*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      05/07/09
***
***      12:32:17
**MODELOPTs:
PAGE      6
CONC      DEFAULT ELEV

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

```

( 317799.0, 3901701.0,      0.0,      0.0,      0.0); ( 317799.0, 3901676.5,      0.0,
0.0,      0.0);
( 317799.0, 3901652.0,      0.0,      0.0,      0.0); ( 317799.0, 3901627.5,      0.0,
0.0,      0.0);
( 317799.0, 3901603.0,      0.0,      0.0,      0.0); ( 317799.0, 3901578.8,      0.0,
0.0,      0.0);
( 317799.0, 3901554.2,      0.0,      0.0,      0.0); ( 317799.0, 3901529.8,      0.0,
0.0,      0.0);
( 317799.0, 3901505.2,      0.0,      0.0,      0.0); ( 317799.0, 3901480.8,      0.0,
0.0,      0.0);
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( 317784.3, 3901908.2,      0.0,      0.0,      0.0); ( 317824.0, 3901823.2,      0.0,
0.0,      0.0);
( 317824.0, 3901799.0,      0.0,      0.0,      0.0); ( 317824.0, 3901774.5,      0.0,
0.0,      0.0);
( 317824.0, 3901750.0,      0.0,      0.0,      0.0); ( 317824.0, 3901725.5,      0.0,
0.0,      0.0);
( 317824.0, 3901701.0,      0.0,      0.0,      0.0); ( 317824.0, 3901676.5,      0.0,
0.0,      0.0);
( 317824.0, 3901652.0,      0.0,      0.0,      0.0); ( 317824.0, 3901627.5,      0.0,
0.0,      0.0);
( 317824.0, 3901603.0,      0.0,      0.0,      0.0); ( 317824.0, 3901578.8,      0.0,
0.0,      0.0);
( 317824.0, 3901554.2,      0.0,      0.0,      0.0); ( 317824.0, 3901529.8,      0.0,
0.0,      0.0);

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( 317824.0, 3901505.2,      0.0,      0.0,      0.0); ( 317824.0, 3901480.8,      0.0,
0.0,      0.0);
( 317824.0, 3901456.2,      0.0,      0.0,      0.0); ( 317841.7, 3901865.5,      0.0,
0.0,      0.0);
( 317827.0, 3901900.8,      0.0,      0.0,      0.0); ( 317802.0, 3901925.8,      0.0,
0.0,      0.0);
( 317849.0, 3901823.2,      0.0,      0.0,      0.0); ( 317849.0, 3901799.0,      0.0,
0.0,      0.0);
( 317849.0, 3901774.5,      0.0,      0.0,      0.0); ( 317849.0, 3901750.0,      0.0,
0.0,      0.0);
( 317849.0, 3901725.5,      0.0,      0.0,      0.0); ( 317849.0, 3901701.0,      0.0,
0.0,      0.0);
( 317849.0, 3901676.5,      0.0,      0.0,      0.0); ( 317849.0, 3901652.0,      0.0,
0.0,      0.0);
( 317849.0, 3901627.5,      0.0,      0.0,      0.0); ( 317849.0, 3901603.0,      0.0,
0.0,      0.0);
( 317849.0, 3901578.8,      0.0,      0.0,      0.0); ( 317849.0, 3901554.2,      0.0,
0.0,      0.0);
( 317849.0, 3901529.8,      0.0,      0.0,      0.0); ( 317849.0, 3901505.2,      0.0,
0.0,      0.0);
( 317849.0, 3901480.8,      0.0,      0.0,      0.0); ( 317849.0, 3901456.2,      0.0,
0.0,      0.0);
( 317749.9, 3901431.2,      0.0,      0.0,      0.0); ( 317725.7, 3901430.5,      0.0,
0.0,      0.0);
( 317701.5, 3901429.5,      0.0,      0.0,      0.0); ( 317677.3, 3901428.8,      0.0,
0.0,      0.0);
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0.0,      0.0);
( 317604.8, 3901426.2,      0.0,      0.0,      0.0); ( 317580.7, 3901425.2,      0.0,
0.0,      0.0);
( 317556.5, 3901424.5,      0.0,      0.0,      0.0); ( 317532.3, 3901423.5,      0.0,
0.0,      0.0);
( 317508.2, 3901422.8,      0.0,      0.0,      0.0); ( 317484.0, 3901422.0,      0.0,
0.0,      0.0);
( 317459.8, 3901421.0,      0.0,      0.0,      0.0); ( 317435.7, 3901420.2,      0.0,
0.0,      0.0);
( 317411.5, 3901419.2,      0.0,      0.0,      0.0); ( 317387.3, 3901418.5,      0.0,
0.0,      0.0);
( 317363.2, 3901417.8,      0.0,      0.0,      0.0); ( 317767.8, 3901414.0,      0.0,
0.0,      0.0);
( 317726.6, 3901405.5,      0.0,      0.0,      0.0); ( 317702.4, 3901404.5,      0.0,
0.0,      0.0);
( 317678.2, 3901403.8,      0.0,      0.0,      0.0); ( 317654.1, 3901403.0,      0.0,
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( 317629.9, 3901402.0,      0.0,      0.0,      0.0); ( 317605.7, 3901401.2,      0.0,
0.0,      0.0);
( 317581.6, 3901400.2,      0.0,      0.0,      0.0); ( 317557.4, 3901399.5,      0.0,
0.0,      0.0);
( 317533.2, 3901398.8,      0.0,      0.0,      0.0); ( 317509.1, 3901397.8,      0.0,
0.0,      0.0);
( 317484.9, 3901397.0,      0.0,      0.0,      0.0); ( 317460.7, 3901396.0,      0.0,
0.0,      0.0);
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0.0,      0.0);
( 317388.2, 3901393.5,      0.0,      0.0,      0.0); ( 317364.0, 3901392.8,      0.0,
0.0,      0.0);
( 317768.7, 3901389.0,      0.0,      0.0,      0.0); ( 317809.9, 3901421.5,      0.0,
0.0,      0.0);
( 317727.5, 3901380.5,      0.0,      0.0,      0.0); ( 317703.3, 3901379.5,      0.0,
0.0,      0.0);
( 317679.1, 3901378.8,      0.0,      0.0,      0.0); ( 317654.9, 3901378.0,      0.0,
0.0,      0.0);
( 317630.8, 3901377.0,      0.0,      0.0,      0.0); ( 317606.6, 3901376.2,      0.0,
0.0,      0.0);
*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      05/07/09      ***

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\*\*\* 12:32:17

\*\*MODELOPTs:

PAGE 7

CONC

DEFAULT ELEV

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

```

( 317582.4, 3901375.2,      0.0,      0.0,      0.0); ( 317558.3, 3901374.5,      0.0,
0.0,      0.0);
( 317534.1, 3901373.8,      0.0,      0.0,      0.0); ( 317509.9, 3901372.8,      0.0,

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|                        |       |      |       |                        |      |  |
|------------------------|-------|------|-------|------------------------|------|--|
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317485.8, 3901372.0, | 0.0,  | 0.0, | 0.0); | ( 317461.6, 3901371.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317437.4, 3901370.2, | 0.0,  | 0.0, | 0.0); | ( 317413.2, 3901369.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317389.1, 3901368.5, | 0.0,  | 0.0, | 0.0); | ( 317364.9, 3901367.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317769.6, 3901364.0, | 0.0,  | 0.0, | 0.0); | ( 317803.8, 3901379.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317827.9, 3901404.2, | 0.0,  | 0.0, | 0.0); | ( 317728.3, 3901355.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317704.2, 3901354.8, | 0.0,  | 0.0, | 0.0); | ( 317680.0, 3901353.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317655.8, 3901353.0, | 0.0,  | 0.0, | 0.0); | ( 317631.7, 3901352.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317607.5, 3901351.2, | 0.0,  | 0.0, | 0.0); | ( 317583.3, 3901350.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317559.2, 3901349.5, | 0.0,  | 0.0, | 0.0); | ( 317535.0, 3901348.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317510.8, 3901347.8, | 0.0,  | 0.0, | 0.0); | ( 317486.6, 3901347.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317462.5, 3901346.0, | 0.0,  | 0.0, | 0.0); | ( 317438.3, 3901345.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317414.1, 3901344.5, | 0.0,  | 0.0, | 0.0); | ( 317390.0, 3901343.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317365.8, 3901342.8, | 0.0,  | 0.0, | 0.0); | ( 317358.6, 3901318.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317357.6, 3901294.0, | 0.0,  | 0.0, | 0.0); | ( 317356.7, 3901269.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317355.8, 3901245.0, | 0.0,  | 0.0, | 0.0); | ( 317354.9, 3901220.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317354.0, 3901196.2, | 0.0,  | 0.0, | 0.0); | ( 317353.1, 3901171.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317352.2, 3901147.2, | 0.0,  | 0.0, | 0.0); | ( 317351.3, 3901122.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317350.4, 3901098.2, | 0.0,  | 0.0, | 0.0); | ( 317349.5, 3901073.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317348.6, 3901049.2, | 0.0,  | 0.0, | 0.0); | ( 317383.5, 3901317.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317382.6, 3901293.0, | 0.0,  | 0.0, | 0.0); | ( 317381.7, 3901268.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317380.8, 3901244.2, | 0.0,  | 0.0, | 0.0); | ( 317379.9, 3901219.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317379.0, 3901195.2, | 0.0,  | 0.0, | 0.0); | ( 317378.1, 3901170.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317377.2, 3901146.2, | 0.0,  | 0.0, | 0.0); | ( 317376.3, 3901121.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317375.4, 3901097.2, | 0.0,  | 0.0, | 0.0); | ( 317374.5, 3901072.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317373.6, 3901048.5, | 0.0,  | 0.0, | 0.0); | ( 317408.5, 3901316.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317407.6, 3901292.2, | 0.0,  | 0.0, | 0.0); | ( 317406.7, 3901267.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317405.8, 3901243.2, | 0.0,  | 0.0, | 0.0); | ( 317404.9, 3901218.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317404.0, 3901194.2, | 0.0,  | 0.0, | 0.0); | ( 317403.1, 3901169.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317402.2, 3901145.2, | 0.0,  | 0.0, | 0.0); | ( 317401.2, 3901120.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317400.3, 3901096.5, | 0.0,  | 0.0, | 0.0); | ( 317399.4, 3901072.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317398.5, 3901047.5, | 0.0,  | 0.0, | 0.0); | ( 317433.5, 3901315.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317432.6, 3901291.2, | 0.0,  | 0.0, | 0.0); | ( 317431.7, 3901266.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317430.8, 3901242.2, | 0.0,  | 0.0, | 0.0); | ( 317429.9, 3901217.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317429.0, 3901193.2, | 0.0,  | 0.0, | 0.0); | ( 317428.1, 3901169.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317427.2, 3901144.5, | 0.0,  | 0.0, | 0.0); | ( 317426.2, 3901120.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317425.3, 3901095.5, | 0.0,  | 0.0, | 0.0); | ( 317424.4, 3901071.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317423.5, 3901046.5, | 0.0,  | 0.0, | 0.0); | ( 317323.1, 3901025.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317298.9, 3901025.8, | 0.0,  | 0.0, | 0.0); | ( 317274.7, 3901026.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 317250.6, 3901026.8, | 0.0,  | 0.0, | 0.0); | ( 317226.4, 3901027.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
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| 0.0,                   | 0.0); |      |       |                        |      |  |
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0.0,      0.0);
*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      05/07/09

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\*\*\* 12:32:17

\*\*MODELOPTs:

PAGE 8

CONC

DFAULT ELEV

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

```

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0.0,      0.0);
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( 316718.3, 3901012.8,      0.0,      0.0,      0.0);      ( 316694.1, 3901013.2,      0.0,
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0.0,      0.0);
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0.0,      0.0);
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( 317225.4, 3900977.2,      0.0,      0.0,      0.0);      ( 317201.2, 3900977.8,      0.0,
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( 317128.7, 3900979.2,      0.0,      0.0,      0.0);      ( 317104.5, 3900979.8,      0.0,
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( 317032.0, 3900981.2,      0.0,      0.0,      0.0);      ( 317007.8, 3900981.8,      0.0,
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0.0,      0.0);

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0.0,      0.0);
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0.0,      0.0);
*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
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***      12:32:17
**MODELOPTs:

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PAGE      9
CONC      DFAULT ELEV

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

```

( 317079.8, 3900955.2,      0.0,      0.0,      0.0); ( 317055.7, 3900955.8,      0.0,
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( 316934.8, 3900958.2,      0.0,      0.0,      0.0); ( 316910.6, 3900958.8,      0.0,
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0.0,      0.0);
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( 316644.8, 3900964.2,      0.0,      0.0,      0.0); ( 316620.6, 3900964.8,      0.0,
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( 316501.9, 3901493.0,      0.0,      0.0,      0.0); ( 316496.5, 3901517.0,      0.0,
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0.0,      0.0);

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( 316351.9, 3902167.8,      0.0,      0.0,      0.0); ( 316346.6, 3902191.8,      0.0,
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( 316330.5, 3902264.0,      0.0,      0.0,      0.0); ( 316325.2, 3902288.2,      0.0,
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( 316319.8, 3902312.2,      0.0,      0.0,      0.0); ( 316314.5, 3902336.2,      0.0,
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0.0,      0.0);
( 316277.0, 3902505.0,      0.0,      0.0,      0.0); ( 316271.6, 3902529.2,      0.0,
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( 316266.3, 3902553.2,      0.0,      0.0,      0.0); ( 316260.9, 3902577.2,      0.0,
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0.0,      0.0);
*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      05/07/09
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\*\*\* 12:32:17

\*\*MODELOPTs:

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CONC

DFAULT ELEV

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

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( 316498.9, 3901391.2,      0.0,      0.0,      0.0); ( 316493.5, 3901415.2,      0.0,
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( 316477.5, 3901487.5,      0.0,      0.0,      0.0); ( 316472.1, 3901511.8,      0.0,
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( 316466.8, 3901535.8,      0.0,      0.0,      0.0); ( 316461.4, 3901560.0,      0.0,
0.0,      0.0);
( 316456.1, 3901584.0,      0.0,      0.0,      0.0); ( 316450.7, 3901608.0,      0.0,
0.0,      0.0);

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## 99.ADO

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| ( 316445.3, 3901632.2, | 0.0,  | 0.0, | 0.0); | ( 316440.0, 3901656.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316434.6, 3901680.2, | 0.0,  | 0.0, | 0.0); | ( 316429.3, 3901704.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316423.9, 3901728.5, | 0.0,  | 0.0, | 0.0); | ( 316418.6, 3901752.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316413.2, 3901776.8, | 0.0,  | 0.0, | 0.0); | ( 316407.9, 3901800.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316402.5, 3901825.0, | 0.0,  | 0.0, | 0.0); | ( 316397.2, 3901849.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316391.8, 3901873.2, | 0.0,  | 0.0, | 0.0); | ( 316386.4, 3901897.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316381.1, 3901921.2, | 0.0,  | 0.0, | 0.0); | ( 316375.8, 3901945.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
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| 0.0,                   | 0.0); |      |       |                        |      |  |
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| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316338.2, 3902114.0, | 0.0,  | 0.0, | 0.0); | ( 316332.9, 3902138.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316327.6, 3902162.2, | 0.0,  | 0.0, | 0.0); | ( 316322.2, 3902186.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316316.8, 3902210.5, | 0.0,  | 0.0, | 0.0); | ( 316311.5, 3902234.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316306.1, 3902258.8, | 0.0,  | 0.0, | 0.0); | ( 316300.8, 3902282.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316295.4, 3902306.8, | 0.0,  | 0.0, | 0.0); | ( 316290.1, 3902331.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316284.7, 3902355.0, | 0.0,  | 0.0, | 0.0); | ( 316279.4, 3902379.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316274.0, 3902403.2, | 0.0,  | 0.0, | 0.0); | ( 316268.7, 3902427.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316263.3, 3902451.5, | 0.0,  | 0.0, | 0.0); | ( 316257.9, 3902475.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316252.6, 3902499.5, | 0.0,  | 0.0, | 0.0); | ( 316247.2, 3902523.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316241.9, 3902547.8, | 0.0,  | 0.0, | 0.0); | ( 316236.5, 3902572.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316231.2, 3902596.0, | 0.0,  | 0.0, | 0.0); | ( 316225.8, 3902620.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316562.3, 3901027.5, | 0.0,  | 0.0, | 0.0); | ( 316598.1, 3900998.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316549.4, 3901048.5, | 0.0,  | 0.0, | 0.0); | ( 316544.1, 3901072.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316538.8, 3901096.8, | 0.0,  | 0.0, | 0.0); | ( 316533.4, 3901120.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316528.0, 3901144.8, | 0.0,  | 0.0, | 0.0); | ( 316522.7, 3901169.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316517.3, 3901193.0, | 0.0,  | 0.0, | 0.0); | ( 316512.0, 3901217.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316506.6, 3901241.2, | 0.0,  | 0.0, | 0.0); | ( 316501.2, 3901265.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316495.9, 3901289.5, | 0.0,  | 0.0, | 0.0); | ( 316490.6, 3901313.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316485.2, 3901337.5, | 0.0,  | 0.0, | 0.0); | ( 316479.8, 3901361.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316474.5, 3901385.8, | 0.0,  | 0.0, | 0.0); | ( 316469.1, 3901410.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316463.8, 3901434.0, | 0.0,  | 0.0, | 0.0); | ( 316458.4, 3901458.0, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316453.1, 3901482.2, | 0.0,  | 0.0, | 0.0); | ( 316447.7, 3901506.2, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316442.4, 3901530.2, | 0.0,  | 0.0, | 0.0); | ( 316437.0, 3901554.5, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316431.7, 3901578.5, | 0.0,  | 0.0, | 0.0); | ( 316426.3, 3901602.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |
| ( 316420.9, 3901626.8, | 0.0,  | 0.0, | 0.0); | ( 316415.6, 3901650.8, | 0.0, |  |
| 0.0,                   | 0.0); |      |       |                        |      |  |

□ \*\*\* AERMOD - VERSION 07026 \*\*\* \*\*\* C:\Lakes\BFD\BFD.isc  
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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

99.ADO  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                        |      |      |       |                        |      |
|------------------------|------|------|-------|------------------------|------|
| ( 316410.2, 3901675.0, | 0.0, | 0.0, | 0.0); | ( 316404.9, 3901699.0, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316399.5, 3901723.2, | 0.0, | 0.0, | 0.0); | ( 316394.2, 3901747.2, | 0.0, |
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| ( 316388.8, 3901771.2, | 0.0, | 0.0, | 0.0); | ( 316383.5, 3901795.5, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316378.1, 3901819.5, | 0.0, | 0.0, | 0.0); | ( 316372.8, 3901843.5, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316367.4, 3901867.8, | 0.0, | 0.0, | 0.0); | ( 316362.0, 3901891.8, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316356.7, 3901916.0, | 0.0, | 0.0, | 0.0); | ( 316351.3, 3901940.0, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316346.0, 3901964.0, | 0.0, | 0.0, | 0.0); | ( 316340.6, 3901988.2, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316335.3, 3902012.2, | 0.0, | 0.0, | 0.0); | ( 316329.9, 3902036.5, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316324.6, 3902060.5, | 0.0, | 0.0, | 0.0); | ( 316319.2, 3902084.5, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316313.8, 3902108.8, | 0.0, | 0.0, | 0.0); | ( 316308.5, 3902132.8, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316303.1, 3902156.8, | 0.0, | 0.0, | 0.0); | ( 316297.8, 3902181.0, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316292.4, 3902205.0, | 0.0, | 0.0, | 0.0); | ( 316287.1, 3902229.2, | 0.0, |
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| ( 316281.7, 3902253.2, | 0.0, | 0.0, | 0.0); | ( 316276.4, 3902277.2, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316271.0, 3902301.5, | 0.0, | 0.0, | 0.0); | ( 316265.7, 3902325.5, | 0.0, |
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| ( 316238.9, 3902446.0, | 0.0, | 0.0, | 0.0); | ( 316233.5, 3902470.0, | 0.0, |
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| ( 316228.2, 3902494.2, | 0.0, | 0.0, | 0.0); | ( 316222.8, 3902518.2, | 0.0, |
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| ( 316217.5, 3902542.5, | 0.0, | 0.0, | 0.0); | ( 316212.1, 3902566.5, | 0.0, |
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| ( 316519.7, 3901067.2, | 0.0, | 0.0, | 0.0); | ( 316514.3, 3901091.2, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316509.0, 3901115.2, | 0.0, | 0.0, | 0.0); | ( 316503.6, 3901139.5, | 0.0, |
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| ( 316498.3, 3901163.5, | 0.0, | 0.0, | 0.0); | ( 316492.9, 3901187.5, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316487.6, 3901211.8, | 0.0, | 0.0, | 0.0); | ( 316482.2, 3901235.8, | 0.0, |
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| ( 316476.8, 3901260.0, | 0.0, | 0.0, | 0.0); | ( 316471.5, 3901284.0, | 0.0, |
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| ( 316466.1, 3901308.0, | 0.0, | 0.0, | 0.0); | ( 316460.8, 3901332.2, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316455.4, 3901356.2, | 0.0, | 0.0, | 0.0); | ( 316450.1, 3901380.2, | 0.0, |
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| ( 316444.7, 3901404.5, | 0.0, | 0.0, | 0.0); | ( 316439.4, 3901428.5, | 0.0, |
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| ( 316434.0, 3901452.8, | 0.0, | 0.0, | 0.0); | ( 316428.7, 3901476.8, | 0.0, |
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| ( 316423.3, 3901500.8, | 0.0, | 0.0, | 0.0); | ( 316417.9, 3901525.0, | 0.0, |
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| ( 316412.6, 3901549.0, | 0.0, | 0.0, | 0.0); | ( 316407.2, 3901573.2, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316401.9, 3901597.2, | 0.0, | 0.0, | 0.0); | ( 316396.5, 3901621.2, | 0.0, |
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| ( 316391.2, 3901645.5, | 0.0, | 0.0, | 0.0); | ( 316385.8, 3901669.5, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
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| ( 316369.8, 3901741.8, | 0.0, | 0.0, | 0.0); | ( 316364.4, 3901766.0, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316359.1, 3901790.0, | 0.0, | 0.0, | 0.0); | ( 316353.7, 3901814.0, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316348.3, 3901838.2, | 0.0, | 0.0, | 0.0); | ( 316343.0, 3901862.2, | 0.0, |
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| ( 316337.6, 3901886.5, | 0.0, | 0.0, | 0.0); | ( 316332.3, 3901910.5, | 0.0, |
| 0.0, 0.0);             |      |      |       |                        |      |
| ( 316326.9, 3901934.5, | 0.0, | 0.0, | 0.0); | ( 316321.6, 3901958.8, | 0.0, |



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0.0,      0.0);
( 316316.2, 3901982.8,      0.0,      0.0,      0.0); ( 316310.9, 3902006.8,      0.0,
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0.0,      0.0);
*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
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\*\*MODELOPTs:

PAGE 12

CONC

DFAULT ELEV

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

```

( 316262.7, 3902223.8,      0.0,      0.0,      0.0); ( 316257.3, 3902247.8,      0.0,
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0.0,      0.0);
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0.0,      0.0);
*** AERMOT - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      05/07/09
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\*\*\* 12:32:17  
\*\*MODELOPTs:

PAGE 13

CONC

DFAULT ELEV

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

```

( 316713.0, 3902706.0,      0.0,      0.0,      0.0); ( 316737.4, 3902706.0,      0.0,
0.0,      0.0);
( 316761.8, 3902706.0,      0.0,      0.0,      0.0); ( 316786.1, 3902706.0,      0.0,
0.0,      0.0);
( 316810.4, 3902706.0,      0.0,      0.0,      0.0); ( 316834.8, 3902706.0,      0.0,
0.0,      0.0);
( 316859.2, 3902706.0,      0.0,      0.0,      0.0); ( 316883.5, 3902706.0,      0.0,
0.0,      0.0);
( 316907.9, 3902706.0,      0.0,      0.0,      0.0); ( 316255.1, 3902721.5,      0.0,
0.0,      0.0);
( 316216.1, 3902702.8,      0.0,      0.0,      0.0); ( 316191.7, 3902672.5,      0.0,
0.0,      0.0);
( 316299.0, 3902731.0,      0.0,      0.0,      0.0); ( 316323.3, 3902731.0,      0.0,
0.0,      0.0);
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0.0,      0.0);
( 316396.4, 3902731.0,      0.0,      0.0,      0.0); ( 316420.8, 3902731.0,      0.0,
0.0,      0.0);
( 316445.1, 3902731.0,      0.0,      0.0,      0.0); ( 316469.5, 3902731.0,      0.0,
0.0,      0.0);
( 316493.8, 3902731.0,      0.0,      0.0,      0.0); ( 316518.2, 3902731.0,      0.0,
0.0,      0.0);
( 316542.5, 3902731.0,      0.0,      0.0,      0.0); ( 316566.9, 3902731.0,      0.0,
0.0,      0.0);
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0.0,      0.0);
( 316640.0, 3902731.0,      0.0,      0.0,      0.0); ( 316664.3, 3902731.0,      0.0,
0.0,      0.0);
( 316688.7, 3902731.0,      0.0,      0.0,      0.0); ( 316713.0, 3902731.0,      0.0,
0.0,      0.0);
( 316737.4, 3902731.0,      0.0,      0.0,      0.0); ( 316761.8, 3902731.0,      0.0,
0.0,      0.0);
( 316786.1, 3902731.0,      0.0,      0.0,      0.0); ( 316810.4, 3902731.0,      0.0,
0.0,      0.0);
( 316834.8, 3902731.0,      0.0,      0.0,      0.0); ( 316859.2, 3902731.0,      0.0,
0.0,      0.0);

```

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0.0,      0.0);
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0.0,      0.0);
( 316932.9, 3902631.2,      0.0,      0.0,      0.0); ( 316933.3, 3902607.0,      0.0,
0.0,      0.0);
( 316933.7, 3902582.5,      0.0,      0.0,      0.0); ( 316934.1, 3902558.2,      0.0,
0.0,      0.0);
( 316934.5, 3902533.8,      0.0,      0.0,      0.0); ( 316934.9, 3902509.5,      0.0,
0.0,      0.0);
( 316935.3, 3902485.2,      0.0,      0.0,      0.0); ( 316935.7, 3902460.8,      0.0,
0.0,      0.0);
( 316936.1, 3902436.5,      0.0,      0.0,      0.0); ( 316936.5, 3902412.0,      0.0,
0.0,      0.0);
( 316936.9, 3902387.8,      0.0,      0.0,      0.0); ( 316937.3, 3902363.2,      0.0,
0.0,      0.0);
( 316937.7, 3902339.0,      0.0,      0.0,      0.0); ( 316938.1, 3902314.5,      0.0,
0.0,      0.0);
( 316938.5, 3902290.2,      0.0,      0.0,      0.0); ( 316938.9, 3902265.8,      0.0,
0.0,      0.0);
( 316939.3, 3902241.5,      0.0,      0.0,      0.0); ( 316939.7, 3902217.0,      0.0,
0.0,      0.0);
( 316940.1, 3902192.8,      0.0,      0.0,      0.0); ( 316950.4, 3902649.2,      0.0,
0.0,      0.0);
( 316958.3, 3902607.5,      0.0,      0.0,      0.0); ( 316958.7, 3902583.0,      0.0,
0.0,      0.0);
( 316959.1, 3902558.8,      0.0,      0.0,      0.0); ( 316959.5, 3902534.2,      0.0,
0.0,      0.0);
( 316959.9, 3902510.0,      0.0,      0.0,      0.0); ( 316960.3, 3902485.5,      0.0,
0.0,      0.0);
( 316960.7, 3902461.2,      0.0,      0.0,      0.0); ( 316961.1, 3902436.8,      0.0,
0.0,      0.0);
( 316961.5, 3902412.5,      0.0,      0.0,      0.0); ( 316961.9, 3902388.0,      0.0,
0.0,      0.0);
( 316962.3, 3902363.8,      0.0,      0.0,      0.0); ( 316962.7, 3902339.2,      0.0,
0.0,      0.0);
( 316963.1, 3902315.0,      0.0,      0.0,      0.0); ( 316963.5, 3902290.5,      0.0,
0.0,      0.0);
( 316963.9, 3902266.2,      0.0,      0.0,      0.0); ( 316964.3, 3902241.8,      0.0,
0.0,      0.0);
( 316964.7, 3902217.5,      0.0,      0.0,      0.0); ( 316965.1, 3902193.0,      0.0,
0.0,      0.0);
( 316965.5, 3902168.8,      0.0,      0.0,      0.0); ( 316975.4, 3902649.5,      0.0,
0.0,      0.0);
( 316942.9, 3902691.5,      0.0,      0.0,      0.0); ( 316983.2, 3902607.8,      0.0,
0.0,      0.0);
( 316983.7, 3902583.5,      0.0,      0.0,      0.0); ( 316984.1, 3902559.0,      0.0,
0.0,      0.0);
( 316984.5, 3902534.8,      0.0,      0.0,      0.0); ( 316984.9, 3902510.2,      0.0,
0.0,      0.0);
( 316985.3, 3902486.0,      0.0,      0.0,      0.0); ( 316985.7, 3902461.5,      0.0,
0.0,      0.0);
( 316986.1, 3902437.2,      0.0,      0.0,      0.0); ( 316986.5, 3902412.8,      0.0,
0.0,      0.0);
( 316986.9, 3902388.5,      0.0,      0.0,      0.0); ( 316987.3, 3902364.0,      0.0,
0.0,      0.0);

```

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*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      05/07/09

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\*\*\* 12:32:17

\*\*MODELOPTs:

PAGE 14

CONC

DEFAULT ELEV

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

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( 316987.7, 3902339.8,      0.0,      0.0,      0.0); ( 316988.1, 3902315.2,      0.0,
0.0,      0.0);
( 316988.5, 3902291.0,      0.0,      0.0,      0.0); ( 316988.9, 3902266.5,      0.0,
0.0,      0.0);
( 316989.3, 3902242.2,      0.0,      0.0,      0.0); ( 316989.7, 3902217.8,      0.0,
0.0,      0.0);
( 316990.1, 3902193.5,      0.0,      0.0,      0.0); ( 316990.5, 3902169.2,      0.0,
0.0,      0.0);
( 317000.4, 3902650.0,      0.0,      0.0,      0.0); ( 316985.5, 3902684.8,      0.0,
0.0,      0.0);
( 316960.5, 3902709.5,      0.0,      0.0,      0.0); ( 317008.2, 3902608.2,      0.0,
0.0,      0.0);
( 317008.7, 3902583.8,      0.0,      0.0,      0.0); ( 317009.1, 3902559.5,      0.0,
0.0,      0.0);

```



## 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 |
|-------|----|----|-----|----|--------|--------|--------|--------|-------|-------|----------|------|------|-------|--------|------|------|----|----|
| 04    | 01 | 01 | 1   | 01 | -10.6  | 0.122  | -9.000 | -9.000 | -999. | 98.   | 15.6     | 0.86 | 5.20 | 1.00  | 1.50   | 111. | 10.0 |    |    |
| 280.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 02 | -41.0  | 0.361  | -9.000 | -9.000 | -999. | 499.  | 103.7    | 0.52 | 6.00 | 1.00  | 3.10   | 68.  | 10.0 |    |    |
| 280.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 03 | -7.1   | 0.093  | -9.000 | -9.000 | -999. | 178.  | 10.4     | 0.40 | 5.60 | 1.00  | 1.50   | 284. | 10.0 |    |    |
| 279.2 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 04 | -12.6  | 0.123  | -9.000 | -9.000 | -999. | 99.   | 13.2     | 0.32 | 9.60 | 1.00  | 2.10   | 343. | 10.0 |    |    |
| 280.4 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 05 | -999.0 | -9.000 | -9.000 | -9.000 | -999. | -999. | -99999.0 | 0.56 | 6.07 | 1.00  | 0.00   | 0.   | 10.0 |    |    |
| 280.4 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 06 | -22.2  | 0.391  | -9.000 | -9.000 | -999. | 563.  | 243.5    | 0.86 | 5.20 | 1.00  | 2.60   | 92.  | 10.0 |    |    |
| 280.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 07 | -17.0  | 0.300  | -9.000 | -9.000 | -999. | 381.  | 142.9    | 0.86 | 5.20 | 1.00  | 2.10   | 95.  | 10.0 |    |    |
| 280.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 08 | -29.3  | 0.543  | -9.000 | -9.000 | -999. | 921.  | 494.3    | 0.78 | 4.30 | 0.61  | 3.60   | 183. | 10.0 |    |    |
| 282.0 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 09 | 23.8   | 0.576  | 0.497  | 0.005  | 186.  | 1003. | -724.5   | 0.78 | 4.30 | 0.35  | 3.60   | 217. | 10.0 |    |    |
| 284.2 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 10 | 101.1  | 0.371  | 1.191  | 0.005  | 603.  | 553.  | -45.4    | 0.67 | 5.40 | 0.27  | 2.10   | 251. | 10.0 |    |    |
| 283.8 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 11 | 76.3   | 0.296  | 1.178  | 0.005  | 774.  | 373.  | -30.6    | 0.32 | 9.60 | 0.31  | 2.10   | 324. | 10.0 |    |    |
| 285.4 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 12 | 87.2   | 0.279  | 1.283  | 0.005  | 876.  | 338.  | -22.4    | 0.60 | 3.20 | 0.22  | 1.50   | 176. | 10.0 |    |    |
| 285.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 13 | 92.1   | 0.303  | 1.356  | 0.005  | 980.  | 384.  | -27.3    | 0.78 | 4.30 | 0.22  | 1.50   | 193. | 10.0 |    |    |
| 285.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 14 | 81.0   | 0.395  | 1.328  | 0.005  | 1046. | 571.  | -68.7    | 0.86 | 5.20 | 0.24  | 2.10   | 129. | 10.0 |    |    |
| 287.0 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 15 | 53.2   | -9.000 | -9.000 | -9.000 | 1088. | -999. | -99999.0 | 0.56 | 6.07 | 0.29  | 0.00   | 0.   | 10.0 |    |    |
| 287.0 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 16 | -999.0 | -9.000 | -9.000 | -9.000 | -999. | -999. | -99999.0 | 0.56 | 6.07 | 0.38  | 0.00   | 0.   | 10.0 |    |    |
| 286.4 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 17 | -999.0 | -9.000 | -9.000 | -9.000 | -999. | -999. | -99999.0 | 0.56 | 6.07 | 0.64  | 0.00   | 0.   | 10.0 |    |    |
| 285.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 18 | -32.2  | 0.577  | -9.000 | -9.000 | -999. | 1009. | 540.1    | 0.32 | 9.30 | 1.00  | 5.10   | 7.   | 10.0 |    |    |
| 285.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 19 | -11.1  | 0.199  | -9.000 | -9.000 | -999. | 399.  | 64.2     | 0.32 | 9.30 | 1.00  | 2.10   | 14.  | 10.0 |    |    |
| 285.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 20 | -11.1  | 0.199  | -9.000 | -9.000 | -999. | 209.  | 64.0     | 0.32 | 9.30 | 1.00  | 2.10   | 7.   | 10.0 |    |    |
| 285.4 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 21 | -18.7  | 0.333  | -9.000 | -9.000 | -999. | 443.  | 178.9    | 0.32 | 9.30 | 1.00  | 3.10   | 20.  | 10.0 |    |    |
| 284.2 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 22 | -18.7  | 0.333  | -9.000 | -9.000 | -999. | 443.  | 179.4    | 0.32 | 9.30 | 1.00  | 3.10   | 22.  | 10.0 |    |    |
| 284.9 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 23 | -28.9  | 0.517  | -9.000 | -9.000 | -999. | 856.  | 432.8    | 0.32 | 9.30 | 1.00  | 4.60   | 10.  | 10.0 |    |    |
| 285.4 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |
| 04    | 01 | 01 | 1   | 24 | -36.4  | 0.649  | -9.000 | -9.000 | -999. | 1200. | 677.8    | 0.32 | 9.30 | 1.00  | 5.70   | 30.  | 10.0 |    |    |
| 284.2 |    |    | 2.0 |    |        |        |        |        |       |       |          |      |      |       |        |      |      |    |    |

## First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB   | TMP  | sigmaA | sigmaW | sigmaV |
|----|----|----|----|--------|---|------|------|-------|------|--------|--------|--------|
| 04 | 01 | 01 | 01 | 10.0   | 1 | 111. | 1.50 | 281.0 | 99.0 | -99.00 | -99.00 | -99.00 |

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

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 \*\*\* 05/07/09 \*\*\*

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\*\*MODELOPTs: PAGE 17

CONC DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*  
 INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|-------------|-------------|---------|-------------|-------------|------|
| 316941.44   | 3902071.00  | 6.59174 | 316965.31   | 3902071.00  |      |
| 5.70194     |             |         |             |             |      |

|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 4.71978 | 316989.19 | 3902071.00 | 5.13701 | 317013.09 | 3902071.00 |
| 4.10516 | 317036.97 | 3902071.00 | 4.38632 | 317060.84 | 3902071.00 |
| 3.63460 | 317084.75 | 3902071.00 | 3.85811 | 317108.62 | 3902071.00 |
| 3.22579 | 317132.50 | 3902071.00 | 3.42596 | 317156.38 | 3902071.00 |
| 2.82815 | 317180.28 | 3902071.00 | 3.02818 | 317204.16 | 3902071.00 |
| 2.39780 | 317228.06 | 3902071.00 | 2.61979 | 317251.94 | 3902071.00 |
| 1.90055 | 317275.81 | 3902071.00 | 2.15639 | 317299.69 | 3902071.00 |
| 6.02000 | 317323.59 | 3902071.00 | 1.68933 | 316941.44 | 3902096.00 |
| 4.54965 | 316965.31 | 3902096.00 | 5.12205 | 316989.19 | 3902096.00 |
| 3.79255 | 317013.09 | 3902096.00 | 4.12771 | 317036.97 | 3902096.00 |
| 3.26835 | 317060.84 | 3902096.00 | 3.51223 | 317084.75 | 3902096.00 |
| 2.84931 | 317108.62 | 3902096.00 | 3.05013 | 317132.50 | 3902096.00 |
| 2.47748 | 317156.38 | 3902096.00 | 2.65999 | 317180.28 | 3902096.00 |
| 2.12126 | 317204.16 | 3902096.00 | 2.29885 | 317228.06 | 3902096.00 |
| 1.77082 | 317251.94 | 3902096.00 | 1.94433 | 317275.81 | 3902096.00 |
| 1.48265 | 317299.69 | 3902096.00 | 1.61254 | 317323.59 | 3902096.00 |
| 4.75225 | 316941.44 | 3902121.00 | 5.64614 | 316965.31 | 3902121.00 |
| 3.75948 | 316989.19 | 3902121.00 | 4.18075 | 317013.09 | 3902121.00 |
| 3.14838 | 317036.97 | 3902121.00 | 3.42594 | 317060.84 | 3902121.00 |
| 2.69645 | 317084.75 | 3902121.00 | 2.90872 | 317108.62 | 3902121.00 |
| 2.32525 | 317132.50 | 3902121.00 | 2.50371 | 317156.38 | 3902121.00 |
| 1.99714 | 317180.28 | 3902121.00 | 2.15709 | 317204.16 | 3902121.00 |
| 1.69788 | 317228.06 | 3902121.00 | 1.84370 | 317251.94 | 3902121.00 |
| 1.44361 | 317275.81 | 3902121.00 | 1.56316 | 317299.69 | 3902121.00 |
| 5.35599 | 317323.59 | 3902121.00 | 1.34137 | 316941.44 | 3902146.00 |
| 3.90357 | 316965.31 | 3902146.00 | 4.47051 | 316989.19 | 3902146.00 |
| 3.15641 | 317013.09 | 3902146.00 | 3.48595 | 317036.97 | 3902146.00 |
| 2.64932 | 317060.84 | 3902146.00 | 2.88344 | 317084.75 | 3902146.00 |
| 2.25954 | 317108.62 | 3902146.00 | 2.44386 | 317132.50 | 3902146.00 |
| 1.93587 | 317156.38 | 3902146.00 | 2.09142 | 317180.28 | 3902146.00 |
| 1.65586 | 317204.16 | 3902146.00 | 1.79106 | 317228.06 | 3902146.00 |
| 1.41898 | 317251.94 | 3902146.00 | 1.53146 | 317275.81 | 3902146.00 |
| 1.23080 | 317299.69 | 3902146.00 | 1.31868 | 317323.59 | 3902146.00 |
| 2.24486 | 317348.53 | 3902047.75 | 1.80337 | 317350.34 | 3902023.00 |
| 3.16910 | 317352.16 | 3901998.25 | 2.72861 | 317353.97 | 3901973.50 |
| 3.99019 | 317355.78 | 3901948.75 | 3.57904 | 317357.59 | 3901924.00 |
| 5.09118 | 317359.41 | 3901899.25 | 4.45160 | 317361.22 | 3901874.50 |
| 1.85840 | 317365.53 | 3902066.25 | 1.50421 | 317375.28 | 3902025.00 |
| 2.50784 | 317377.09 | 3902000.25 | 2.17067 | 317378.91 | 3901975.25 |

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\*\*MODELOPTS:

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CONC

DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

|         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|---------|-------------|-------------|---------|-------------|-------------|------|
|         | 317380.72   | 3901950.50  | 2.85405 | 317382.53   | 3901925.75  |      |
| 3.22552 | 317384.34   | 3901901.00  | 3.66015 | 317386.16   | 3901876.25  |      |
| 4.27309 | 317390.47   | 3902068.00  | 1.38346 | 317357.62   | 3902107.75  |      |
| 1.28423 | 317400.19   | 3902026.75  | 1.64581 | 317402.03   | 3902002.00  |      |
| 1.87637 | 317403.84   | 3901977.25  | 2.13894 | 317405.62   | 3901952.50  |      |
| 2.43049 | 317407.47   | 3901927.75  | 2.76032 | 317409.28   | 3901902.75  |      |
| 3.16645 | 317411.09   | 3901878.00  | 3.74294 | 317412.78   | 3902075.25  |      |
| 1.26052 | 317402.22   | 3902097.25  | 1.19094 | 317368.97   | 3902128.25  |      |
| 1.16017 | 317346.28   | 3902137.00  | 1.19330 | 317423.31   | 3902053.25  |      |
| 1.34010 | 317425.12   | 3902028.50  | 1.49187 | 317426.94   | 3902003.75  |      |
| 1.67659 | 317428.75   | 3901979.00  | 1.89330 | 317430.59   | 3901954.25  |      |
| 2.14280 | 317432.38   | 3901929.50  | 2.43735 | 317434.22   | 3901904.75  |      |
| 2.80629 | 317436.03   | 3901880.00  | 3.34141 | 317458.94   | 3901872.75  |      |
| 3.31769 | 317483.12   | 3901872.75  | 3.08819 | 317507.28   | 3901872.75  |      |
| 2.88574 | 317531.47   | 3901872.75  | 2.69991 | 317555.62   | 3901872.75  |      |
| 2.52412 | 317579.78   | 3901872.75  | 2.35289 | 317603.97   | 3901872.75  |      |
| 2.18135 | 317628.12   | 3901872.75  | 2.00591 | 317652.31   | 3901872.75  |      |
| 1.82225 | 317676.47   | 3901872.75  | 1.62765 | 317700.62   | 3901872.75  |      |
| 1.42259 | 317724.81   | 3901872.75  | 1.22992 | 317748.97   | 3901872.75  |      |
| 1.09928 | 317458.94   | 3901897.75  | 2.68649 | 317483.12   | 3901897.75  |      |
| 2.48130 | 317507.28   | 3901897.75  | 2.30272 | 317531.47   | 3901897.75  |      |
| 2.14075 | 317555.62   | 3901897.75  | 1.98948 | 317579.78   | 3901897.75  |      |
| 1.84446 | 317603.97   | 3901897.75  | 1.70255 | 317628.12   | 3901897.75  |      |
| 1.56221 | 317652.31   | 3901897.75  | 1.42232 | 317676.47   | 3901897.75  |      |
| 1.28450 | 317700.62   | 3901897.75  | 1.15504 | 317724.81   | 3901897.75  |      |
| 1.04538 | 317748.97   | 3901897.75  | 0.96341 | 317458.94   | 3901922.75  |      |
| 2.28682 | 317483.12   | 3901922.75  | 2.10339 | 317507.28   | 3901922.75  |      |
| 1.94469 | 317531.47   | 3901922.75  | 1.80186 | 317555.62   | 3901922.75  |      |
| 1.67008 | 317579.78   | 3901922.75  | 1.54586 | 317603.97   | 3901922.75  |      |
| 1.42699 | 317628.12   | 3901922.75  | 1.31276 | 317652.31   | 3901922.75  |      |
| 1.20313 | 317676.47   | 3901922.75  | 1.10078 | 317700.62   | 3901922.75  |      |
| 1.00956 | 317724.81   | 3901922.75  | 0.93198 | 317748.97   | 3901922.75  |      |
| 0.87029 | 317458.94   | 3901947.75  | 1.98659 | 317483.12   | 3901947.75  |      |
| 1.82566 |             |             |         |             |             |      |

|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 1.56172 | 317507.28 | 3901947.75 | 1.68645 | 317531.47 | 3901947.75 |
| 1.34128 | 317555.62 | 3901947.75 | 1.44759 | 317579.78 | 3901947.75 |
| 1.14689 | 317603.97 | 3901947.75 | 1.24112 | 317628.12 | 3901947.75 |
| 0.97976 | 317652.31 | 3901947.75 | 1.05915 | 317676.47 | 3901947.75 |
| 0.84870 | 317700.62 | 3901947.75 | 0.90953 | 317724.81 | 3901947.75 |
| 1.18656 | 317748.97 | 3901947.75 | 0.79853 | 317773.97 | 3901847.75 |
| 1.85973 | 317773.97 | 3901823.25 | 1.48550 | 317773.97 | 3901799.00 |

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 \*\*MODELOPTs:

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 CONC DEFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREAL1 \*\*\*  
 INCLUDING SOURCE(S): PAREAL1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |             |            | IN MICROGRAMS/M**3 |             |            |
|------------------|-------------|------------|--------------------|-------------|------------|
| X-COORD (M)      | Y-COORD (M) | CONC       | X-COORD (M)        | Y-COORD (M) | CONC       |
| 317773.97        | 3901774.50  | 2.22466    | 317773.97          | 3901750.00  |            |
| 2.54947          | 317773.97   | 3901725.50 | 2.83578            | 317773.97   | 3901701.00 |
| 3.08958          | 317773.97   | 3901676.50 | 3.31614            | 317773.97   | 3901652.00 |
| 3.51948          | 317773.97   | 3901627.50 | 3.70245            | 317773.97   | 3901603.00 |
| 3.86819          | 317773.97   | 3901578.75 | 4.01497            | 317773.97   | 3901554.25 |
| 4.14589          | 317773.97   | 3901529.75 | 4.25692            | 317773.97   | 3901505.25 |
| 4.34247          | 317773.97   | 3901480.75 | 4.38695            | 317773.97   | 3901456.25 |
| 4.33789          | 317791.66   | 3901865.50 | 0.99385            | 317798.97   | 3901823.25 |
| 1.24533          | 317798.97   | 3901799.00 | 1.46935            | 317798.97   | 3901774.50 |
| 1.71189          | 317798.97   | 3901750.00 | 1.94975            | 317798.97   | 3901725.50 |
| 2.17268          | 317798.97   | 3901701.00 | 2.37785            | 317798.97   | 3901676.50 |
| 2.56535          | 317798.97   | 3901652.00 | 2.73601            | 317798.97   | 3901627.50 |
| 2.89091          | 317798.97   | 3901603.00 | 3.03088            | 317798.97   | 3901578.75 |
| 3.15511          | 317798.97   | 3901554.25 | 3.26574            | 317798.97   | 3901529.75 |
| 3.35948          | 317798.97   | 3901505.25 | 3.43232            | 317798.97   | 3901480.75 |
| 3.47544          | 317798.97   | 3901456.25 | 3.46974            | 317816.66   | 3901865.50 |
| 0.92308          | 317784.34   | 3901908.25 | 0.84368            | 317823.97   | 3901823.25 |
| 1.10429          | 317823.97   | 3901799.00 | 1.25936            | 317823.97   | 3901774.50 |
| 1.43329          | 317823.97   | 3901750.00 | 1.61223            | 317823.97   | 3901725.50 |
| 1.78840          | 317823.97   | 3901701.00 | 1.95648            | 317823.97   | 3901676.50 |
| 2.11394          | 317823.97   | 3901652.00 | 2.25988            | 317823.97   | 3901627.50 |
| 2.39405          | 317823.97   | 3901603.00 | 2.51641            | 317823.97   | 3901578.75 |
| 2.62576          | 317823.97   | 3901554.25 | 2.72374            | 317823.97   | 3901529.75 |
| 2.80769          | 317823.97   | 3901505.25 | 2.87500            | 317823.97   | 3901480.75 |
| 2.92078          |             |            |                    |             |            |



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|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 0.86243 | 317823.97 | 3901456.25 | 2.93684 | 317841.66 | 3901865.50 |
| 0.76514 | 317827.00 | 3901900.75 | 0.78799 | 317802.00 | 3901925.75 |
| 1.12015 | 317848.97 | 3901823.25 | 1.00347 | 317848.97 | 3901799.00 |
| 1.39214 | 317848.97 | 3901774.50 | 1.25260 | 317848.97 | 3901750.00 |
| 1.67214 | 317848.97 | 3901725.50 | 1.53333 | 317848.97 | 3901701.00 |
| 1.93089 | 317848.97 | 3901676.50 | 1.80534 | 317848.97 | 3901652.00 |
| 2.15552 | 317848.97 | 3901627.50 | 2.04780 | 317848.97 | 3901603.00 |
| 2.34067 | 317848.97 | 3901578.75 | 2.25271 | 317848.97 | 3901554.25 |
| 2.48048 | 317848.97 | 3901529.75 | 2.41721 | 317848.97 | 3901505.25 |
| 2.55553 | 317848.97 | 3901480.75 | 2.52812 | 317848.97 | 3901456.25 |
| 6.12466 | 317749.88 | 3901431.25 | 5.12726 | 317725.69 | 3901430.50 |
| 7.07001 | 317701.53 | 3901429.50 | 6.67853 | 317677.34 | 3901428.75 |
| 7.59358 | 317653.19 | 3901428.00 | 7.36977 | 317629.00 | 3901427.00 |
| 7.96293 | 317604.84 | 3901426.25 | 7.80230 | 317580.69 | 3901425.25 |
| 8.25583 | 317556.50 | 3901424.50 | 8.12704 | 317532.34 | 3901423.50 |
| 8.53537 | 317508.16 | 3901422.75 | 8.39798 | 317484.00 | 3901422.00 |

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CONC

DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREA1 \*\*\* INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

|         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|---------|-------------|-------------|---------|-------------|-------------|------|
| 8.79908 | 317459.84   | 3901421.00  | 8.65255 | 317435.66   | 3901420.25  |      |
| 9.15433 | 317411.50   | 3901419.25  | 8.94378 | 317387.31   | 3901418.50  |      |
| 4.00179 | 317363.16   | 3901417.75  | 9.49383 | 317767.84   | 3901414.00  |      |
| 5.31008 | 317726.56   | 3901405.50  | 4.89025 | 317702.41   | 3901404.50  |      |
| 5.89052 | 317678.25   | 3901403.75  | 5.63195 | 317654.06   | 3901403.00  |      |
| 6.28992 | 317629.91   | 3901402.00  | 6.09843 | 317605.72   | 3901401.25  |      |
| 6.61041 | 317581.56   | 3901400.25  | 6.45157 | 317557.38   | 3901399.50  |      |
| 6.89490 | 317533.22   | 3901398.75  | 6.76015 | 317509.06   | 3901397.75  |      |
| 7.18304 | 317484.88   | 3901397.00  | 7.04091 | 317460.72   | 3901396.00  |      |
| 7.54576 | 317436.53   | 3901395.25  | 7.35231 | 317412.38   | 3901394.25  |      |
| 8.29919 | 317388.19   | 3901393.50  | 7.82481 | 317364.03   | 3901392.75  |      |
| 3.12085 | 317768.72   | 3901389.00  | 3.62991 | 317809.94   | 3901421.50  |      |
| 4.58301 | 317727.47   | 3901380.50  | 4.24999 | 317703.28   | 3901379.50  |      |
| 5.08744 | 317679.12   | 3901378.75  | 4.85741 | 317654.94   | 3901378.00  |      |
| 5.45575 | 317630.78   | 3901377.00  | 5.27933 | 317606.62   | 3901376.25  |      |

|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 5.76232 | 317582.44 | 3901375.25 | 5.61079 | 317558.28 | 3901374.50 |
| 6.04791 | 317534.09 | 3901373.75 | 5.90878 | 317509.94 | 3901372.75 |
| 6.35628 | 317485.75 | 3901372.00 | 6.19909 | 317461.59 | 3901371.00 |
| 6.78064 | 317437.41 | 3901370.25 | 6.54506 | 317413.25 | 3901369.50 |
| 7.65958 | 317389.09 | 3901368.50 | 7.10600 | 317364.91 | 3901367.75 |
| 2.99774 | 317769.62 | 3901364.00 | 3.34982 | 317803.81 | 3901379.25 |
| 3.83195 | 317827.94 | 3901404.25 | 2.78239 | 317728.34 | 3901355.50 |
| 4.34360 | 317704.16 | 3901354.75 | 4.11016 | 317680.00 | 3901353.75 |
| 4.72997 | 317655.84 | 3901353.00 | 4.55037 | 317631.66 | 3901352.00 |
| 5.04734 | 317607.50 | 3901351.25 | 4.89683 | 317583.31 | 3901350.25 |
| 5.34047 | 317559.16 | 3901349.50 | 5.19509 | 317534.97 | 3901348.75 |
| 5.64030 | 317510.81 | 3901347.75 | 5.48347 | 317486.62 | 3901347.00 |
| 6.01573 | 317462.47 | 3901346.00 | 5.80993 | 317438.31 | 3901345.25 |
| 6.64281 | 317414.12 | 3901344.50 | 6.27843 | 317389.97 | 3901343.50 |
| 7.24027 | 317365.81 | 3901342.75 | 7.23689 | 317358.56 | 3901318.50 |
| 6.94603 | 317357.62 | 3901294.00 | 7.07392 | 317356.72 | 3901269.50 |
| 6.75975 | 317355.84 | 3901245.00 | 6.84261 | 317354.91 | 3901220.50 |
| 6.61753 | 317354.00 | 3901196.25 | 6.68736 | 317353.12 | 3901171.75 |
| 6.47737 | 317352.19 | 3901147.25 | 6.55114 | 317351.28 | 3901122.75 |
| 6.25595 | 317350.38 | 3901098.25 | 6.38745 | 317349.47 | 3901073.75 |
| 6.45814 | 317348.56 | 3901049.25 | 6.00156 | 317383.53 | 3901317.50 |
| 6.10431 | 317382.62 | 3901293.00 | 6.25711 | 317381.72 | 3901268.75 |
| 5.87655 | 317380.81 | 3901244.25 | 5.98023 | 317379.91 | 3901219.75 |
| 5.70389 | 317379.00 | 3901195.25 | 5.78628 | 317378.09 | 3901170.75 |
| 5.54238 | 317377.19 | 3901146.25 | 5.62442 | 317376.28 | 3901121.75 |

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CONC DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREA1 \*\*\*  
 INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |             |            | IN MICROGRAMS/M**3 |             |            | ** |  |  |
|------------------|-------------|------------|--------------------|-------------|------------|----|--|--|
| X-COORD (M)      | Y-COORD (M) | CONC       | X-COORD (M)        | Y-COORD (M) | CONC       |    |  |  |
| 5.33322          | 317375.38   | 3901097.25 | 5.44991            | 317374.47   | 3901072.75 |    |  |  |
| 5.98527          | 317373.56   | 3901048.50 | 5.16790            | 317408.50   | 3901316.75 |    |  |  |
| 5.58496          | 317407.62   | 3901292.25 | 5.75882            | 317406.69   | 3901267.75 |    |  |  |
| 5.32821          | 317405.78   | 3901243.25 | 5.44497            | 317404.88   | 3901218.75 |    |  |  |
| 5.13603          | 317403.97   | 3901194.25 | 5.22715            | 317403.06   | 3901169.75 |    |  |  |
| 4.96468          | 317402.16   | 3901145.25 | 5.05016            | 317401.25   | 3901120.75 |    |  |  |

|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 4.77093 | 317400.34 | 3901096.50 | 4.87491 | 317399.44 | 3901072.00 |
| 5.64634 | 317398.53 | 3901047.50 | 4.64044 | 317433.50 | 3901315.75 |
| 5.21348 | 317432.59 | 3901291.25 | 5.40286 | 317431.69 | 3901266.75 |
| 4.93350 | 317430.78 | 3901242.25 | 5.06078 | 317429.88 | 3901217.75 |
| 4.72747 | 317428.97 | 3901193.25 | 4.82398 | 317428.06 | 3901169.00 |
| 4.54965 | 317427.16 | 3901144.50 | 4.63707 | 317426.25 | 3901120.00 |
| 4.36530 | 317425.34 | 3901095.50 | 4.46073 | 317424.44 | 3901071.00 |
| 6.42439 | 317423.53 | 3901046.50 | 4.25522 | 317323.06 | 3901025.25 |
| 7.74399 | 317298.91 | 3901025.75 | 7.22486 | 317274.72 | 3901026.25 |
| 8.41449 | 317250.56 | 3901026.75 | 8.11802 | 317226.38 | 3901027.25 |
| 8.86354 | 317202.22 | 3901027.75 | 8.65817 | 317178.06 | 3901028.25 |
| 9.19233 | 317153.88 | 3901028.75 | 9.03992 | 317129.72 | 3901029.25 |
| 9.44504 | 317105.53 | 3901029.75 | 9.32627 | 317081.38 | 3901030.25 |
| 9.63936 | 317057.19 | 3901030.75 | 9.54945 | 317033.03 | 3901031.25 |
| 9.78240 | 317008.88 | 3901031.75 | 9.71693 | 316984.69 | 3901032.25 |
| 9.87611 | 316960.53 | 3901032.75 | 9.83527 | 316936.34 | 3901033.25 |
| 9.91714 | 316912.19 | 3901033.75 | 9.90413 | 316888.00 | 3901034.25 |
| 9.88985 | 316863.84 | 3901034.75 | 9.91337 | 316839.66 | 3901035.25 |
| 9.76761 | 316815.50 | 3901035.75 | 9.84294 | 316791.34 | 3901036.25 |
| 9.49536 | 316767.16 | 3901036.75 | 9.65574 | 316743.00 | 3901037.25 |
| 8.91999 | 316718.81 | 3901037.75 | 9.26510 | 316694.66 | 3901038.25 |
| 7.22207 | 316670.47 | 3901038.75 | 8.34655 | 316646.31 | 3901039.25 |
| 5.38193 | 316622.12 | 3901039.75 | 5.99064 | 317340.22 | 3901007.00 |
| 6.48322 | 317298.38 | 3901000.75 | 6.11085 | 317274.22 | 3901001.25 |
| 6.99409 | 317250.06 | 3901001.75 | 6.76786 | 317225.88 | 3901002.25 |
| 7.33506 | 317201.72 | 3901002.75 | 7.17942 | 317177.53 | 3901003.25 |
| 7.57936 | 317153.38 | 3901003.75 | 7.46672 | 317129.19 | 3901004.25 |
| 7.75784 | 317105.03 | 3901004.75 | 7.67562 | 317080.88 | 3901005.25 |
| 7.88492 | 317056.69 | 3901005.75 | 7.82735 | 317032.53 | 3901006.25 |
| 7.96577 | 317008.34 | 3901006.75 | 7.93106 | 316984.19 | 3901007.25 |
| 7.99946 | 316960.00 | 3901007.75 | 7.98885 | 316935.84 | 3901008.25 |
| 7.97844 | 316911.66 | 3901008.75 | 7.99646 | 316887.50 | 3901009.25 |
| 7.88863 | 316863.34 | 3901009.75 | 7.94341 | 316839.16 | 3901010.25 |
| 7.70645 | 316815.00 | 3901010.75 | 7.81115 | 316790.81 | 3901011.25 |

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\*\*MODELOPTs:

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CONC

DEFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |             |            | IN MICROGRAMS/M**3 |             |            | ** |
|------------------|-------------|------------|--------------------|-------------|------------|----|
| X-COORD (M)      | Y-COORD (M) | CONC       | X-COORD (M)        | Y-COORD (M) | CONC       |    |
| 7.38661          | 316766.66   | 3901011.75 | 7.56829            | 316742.47   | 3901012.25 |    |
| 6.82297          | 316718.31   | 3901012.75 | 7.14694            | 316694.12   | 3901013.25 |    |
| 5.79140          | 316669.97   | 3901013.75 | 6.38137            | 316645.81   | 3901014.25 |    |
| 4.92319          | 316621.62   | 3901014.75 | 5.17250            | 317339.72   | 3900982.00 |    |
| 5.43101          | 317382.88   | 3901013.00 | 4.62101            | 317297.88   | 3900975.75 |    |
| 5.94685          | 317273.69   | 3900976.25 | 5.71648            | 317249.53   | 3900976.75 |    |
| 6.28841          | 317225.38   | 3900977.25 | 6.13436            | 317201.19   | 3900977.75 |    |
| 6.52278          | 317177.03   | 3900978.25 | 6.41601            | 317152.84   | 3900978.75 |    |
| 6.68788          | 317128.69   | 3900979.25 | 6.61239            | 317104.50   | 3900979.75 |    |
| 6.80258          | 317080.34   | 3900980.25 | 6.75085            | 317056.16   | 3900980.75 |    |
| 6.87409          | 317032.00   | 3900981.25 | 6.84352            | 317007.84   | 3900981.75 |    |
| 6.90307          | 316983.66   | 3900982.25 | 6.89400            | 316959.50   | 3900982.75 |    |
| 6.88500          | 316935.31   | 3900983.25 | 6.90043            | 316911.16   | 3900983.75 |    |
| 6.80936          | 316886.97   | 3900984.25 | 6.85521            | 316862.81   | 3900984.75 |    |
| 6.66055          | 316838.62   | 3900985.25 | 6.74527            | 316814.47   | 3900985.75 |    |
| 6.41342          | 316790.31   | 3900986.25 | 6.55165            | 316766.12   | 3900986.75 |    |
| 6.02275          | 316741.97   | 3900987.25 | 6.24013            | 316717.78   | 3900987.75 |    |
| 5.42491          | 316693.62   | 3900988.25 | 5.75279            | 316669.44   | 3900988.75 |    |
| 4.61652          | 316645.28   | 3900989.25 | 5.03137            | 316621.12   | 3900989.75 |    |
| 4.29343          | 317339.19   | 3900957.00 | 4.55358            | 317374.56   | 3900970.75 |    |
| 4.93803          | 317400.06   | 3900994.75 | 4.20842            | 317297.34   | 3900950.75 |    |
| 5.35595          | 317273.19   | 3900951.25 | 5.16530            | 317249.00   | 3900951.75 |    |
| 5.64806          | 317224.84   | 3900952.25 | 5.51521            | 317200.66   | 3900952.75 |    |
| 5.84892          | 317176.50   | 3900953.25 | 5.75801            | 317152.34   | 3900953.75 |    |
| 5.98552          | 317128.16   | 3900954.25 | 5.92396            | 317104.00   | 3900954.75 |    |
| 6.07518          | 317079.81   | 3900955.25 | 6.03559            | 317055.66   | 3900955.75 |    |
| 6.12502          | 317031.47   | 3900956.25 | 6.10492            | 317007.31   | 3900956.75 |    |
| 6.13571          | 316983.12   | 3900957.25 | 6.13543            | 316958.97   | 3900957.75 |    |
| 6.10256          | 316934.81   | 3900958.25 | 6.12511            | 316910.62   | 3900958.75 |    |
| 6.01651          | 316886.47   | 3900959.25 | 6.06690            | 316862.28   | 3900959.75 |    |
| 5.86440          | 316838.12   | 3900960.25 | 5.94981            | 316813.94   | 3900960.75 |    |
| 5.62744          | 316789.78   | 3900961.25 | 5.75795            | 316765.62   | 3900961.75 |    |
| 5.28045          | 316741.44   | 3900962.25 | 5.46901            | 316717.28   | 3900962.75 |    |
| 4.80437          | 316693.09   | 3900963.25 | 5.05933            | 316668.94   | 3900963.75 |    |
| 4.19547          | 316644.75   | 3900964.25 | 4.50730            | 316620.59   | 3900964.75 |    |
| 6.10885          | 316598.25   | 3901059.25 | 5.75223            | 316592.91   | 3901083.50 |    |
| 6.55875          | 316587.56   | 3901107.50 | 6.36368            | 316582.19   | 3901131.50 |    |
| 6.84667          | 316576.84   | 3901155.75 | 6.71956            | 316571.47   | 3901179.75 |    |

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|           |            |         |           |            |
|-----------|------------|---------|-----------|------------|
| 316566.12 | 3901204.00 | 6.95801 | 316560.78 | 3901228.00 |
| 7.04956   |            |         |           |            |
| 316555.41 | 3901252.00 | 7.12658 | 316550.06 | 3901276.25 |
| 7.19726   |            |         |           |            |

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 \*\*MODELOPTs:

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 CONC                      DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP:  
 PAREA1      \*\*\*  
                  INCLUDING SOURCE(S):            PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

|             |             | ** CONC OF OTHER | IN MICROGRAMS/M**3 |             | **         |
|-------------|-------------|------------------|--------------------|-------------|------------|
| X-COORD (M) | Y-COORD (M) | CONC             | X-COORD (M)        | Y-COORD (M) | CONC       |
| 7.30453     | 316544.72   | 3901300.25       | 7.25509            | 316539.38   | 3901324.25 |
| 7.38313     | 316534.00   | 3901348.50       | 7.34794            | 316528.66   | 3901372.50 |
| 7.43618     | 316523.28   | 3901396.75       | 7.41339            | 316517.94   | 3901420.75 |
| 7.46529     | 316512.59   | 3901444.75       | 7.45292            | 316507.22   | 3901469.00 |
| 7.47128     | 316501.88   | 3901493.00       | 7.47086            | 316496.53   | 3901517.00 |
| 7.45912     | 316491.16   | 3901541.25       | 7.46793            | 316485.81   | 3901565.25 |
| 7.43007     | 316480.47   | 3901589.50       | 7.44852            | 316475.09   | 3901613.50 |
| 7.38595     | 316469.75   | 3901637.50       | 7.40943            | 316464.38   | 3901661.75 |
| 7.32848     | 316459.03   | 3901685.75       | 7.35791            | 316453.69   | 3901710.00 |
| 7.25204     | 316448.34   | 3901734.00       | 7.29289            | 316442.97   | 3901758.00 |
| 7.16383     | 316437.62   | 3901782.25       | 7.21096            | 316432.28   | 3901806.25 |
| 7.05929     | 316426.91   | 3901830.25       | 7.11148            | 316421.56   | 3901854.50 |
| 6.94165     | 316416.19   | 3901878.50       | 7.00032            | 316410.84   | 3901902.75 |
| 6.81104     | 316405.50   | 3901926.75       | 6.87828            | 316400.12   | 3901950.75 |
| 6.67550     | 316394.78   | 3901975.00       | 6.74487            | 316389.44   | 3901999.00 |
| 6.53495     | 316384.09   | 3902023.25       | 6.60700            | 316378.72   | 3902047.25 |
| 6.39395     | 316373.38   | 3902071.25       | 6.46439            | 316368.00   | 3902095.50 |
| 6.24832     | 316362.66   | 3902119.50       | 6.32207            | 316357.31   | 3902143.50 |
| 6.09248     | 316351.94   | 3902167.75       | 6.17218            | 316346.59   | 3902191.75 |
| 5.92179     | 316341.25   | 3902216.00       | 6.01073            | 316335.88   | 3902240.00 |
| 5.73289     | 316330.53   | 3902264.00       | 5.82939            | 316325.19   | 3902288.25 |
| 5.51527     | 316319.81   | 3902312.25       | 5.62709            | 316314.47   | 3902336.25 |
| 5.26370     | 316309.12   | 3902360.50       | 5.39587            | 316303.75   | 3902384.50 |
| 4.96423     | 316298.41   | 3902408.75       | 5.12163            | 316293.06   | 3902432.75 |
| 4.59329     | 316287.69   | 3902456.75       | 4.78853            | 316282.34   | 3902481.00 |
| 4.11670     | 316277.00   | 3902505.00       | 4.37197            | 316271.62   | 3902529.25 |
| 3.47581     | 316266.28   | 3902553.25       | 3.82283            | 316260.91   | 3902577.25 |
| 2.52800     | 316255.56   | 3902601.50       | 3.04781            | 316250.22   | 3902625.50 |
| 5.23875     | 316582.41   | 3901040.00       | 4.88150            | 316568.50   | 3901078.00 |

|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 5.62052 | 316563.12 | 3901102.00 | 5.44681 | 316557.78 | 3901126.25 |
| 5.88125 | 316552.44 | 3901150.25 | 5.76190 | 316547.09 | 3901174.25 |
| 6.07266 | 316541.72 | 3901198.50 | 5.98496 | 316536.38 | 3901222.50 |
| 6.21582 | 316531.00 | 3901246.75 | 6.15013 | 316525.66 | 3901270.75 |
| 6.32230 | 316520.31 | 3901294.75 | 6.27240 | 316514.94 | 3901319.00 |
| 6.40077 | 316509.59 | 3901343.00 | 6.36386 | 316504.25 | 3901367.25 |
| 6.45159 | 316498.88 | 3901391.25 | 6.42854 | 316493.53 | 3901415.25 |
| 6.48180 | 316488.19 | 3901439.50 | 6.47090 | 316482.81 | 3901463.50 |
| 6.49161 | 316477.47 | 3901487.50 | 6.48833 | 316472.12 | 3901511.75 |
| 6.48136 | 316466.75 | 3901535.75 | 6.48729 | 316461.41 | 3901560.00 |
| 6.45298 | 316456.06 | 3901584.00 | 6.46955 | 316450.69 | 3901608.00 |

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CONC

DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

|         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|---------|-------------|-------------|---------|-------------|-------------|------|
| 6.41233 | 316445.34   | 3901632.25  | 6.43524 | 316440.00   | 3901656.25  |      |
| 6.35620 | 316434.62   | 3901680.25  | 6.38485 | 316429.28   | 3901704.50  |      |
| 6.28514 | 316423.94   | 3901728.50  | 6.32240 | 316418.56   | 3901752.75  |      |
| 6.19872 | 316413.22   | 3901776.75  | 6.24373 | 316407.88   | 3901800.75  |      |
| 6.09876 | 316402.50   | 3901825.00  | 6.15049 | 316397.16   | 3901849.00  |      |
| 5.98663 | 316391.81   | 3901873.25  | 6.04514 | 316386.44   | 3901897.25  |      |
| 5.86535 | 316381.09   | 3901921.25  | 5.92657 | 316375.75   | 3901945.50  |      |
| 5.73462 | 316370.38   | 3901969.50  | 5.80027 | 316365.03   | 3901993.50  |      |
| 5.60109 | 316359.66   | 3902017.75  | 5.66813 | 316354.31   | 3902041.75  |      |
| 5.46778 | 316348.97   | 3902066.00  | 5.53503 | 316343.62   | 3902090.00  |      |
| 5.33042 | 316338.25   | 3902114.00  | 5.39891 | 316332.91   | 3902138.25  |      |
| 5.18392 | 316327.56   | 3902162.25  | 5.25896 | 316322.19   | 3902186.25  |      |
| 5.02606 | 316316.84   | 3902210.50  | 5.10758 | 316311.47   | 3902234.50  |      |
| 4.85313 | 316306.12   | 3902258.75  | 4.94220 | 316300.78   | 3902282.75  |      |
| 4.65824 | 316295.41   | 3902306.75  | 4.75801 | 316290.06   | 3902331.00  |      |
| 4.43595 | 316284.72   | 3902355.00  | 4.55099 | 316279.38   | 3902379.25  |      |
| 4.17477 | 316274.00   | 3902403.25  | 4.31036 | 316268.66   | 3902427.25  |      |
| 3.86160 | 316263.28   | 3902451.50  | 4.02536 | 316257.94   | 3902475.50  |      |
| 3.47543 | 316252.59   | 3902499.50  | 3.67996 | 316247.22   | 3902523.75  |      |
| 2.98159 | 316241.88   | 3902547.75  | 3.24642 | 316236.53   | 3902572.00  |      |

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|---------|-----------|------------|---------|-----------|------------|
|         | 316231.16 | 3902596.00 | 2.66679 | 316225.81 | 3902620.00 |
| 2.30806 | 316562.28 | 3901027.50 | 4.30562 | 316598.12 | 3900998.25 |
| 4.38447 | 316549.44 | 3901048.50 | 4.41869 | 316544.09 | 3901072.50 |
| 4.64070 | 316538.75 | 3901096.75 | 4.81888 | 316533.38 | 3901120.75 |
| 4.96538 | 316528.03 | 3901144.75 | 5.09176 | 316522.66 | 3901169.00 |
| 5.20247 | 316517.31 | 3901193.00 | 5.29721 | 316511.97 | 3901217.25 |
| 5.38198 | 316506.62 | 3901241.25 | 5.45428 | 316501.25 | 3901265.25 |
| 5.51678 | 316495.91 | 3901289.50 | 5.57368 | 316490.56 | 3901313.50 |
| 5.62117 | 316485.19 | 3901337.50 | 5.66128 | 316479.84 | 3901361.75 |
| 5.69755 | 316474.47 | 3901385.75 | 5.72561 | 316469.12 | 3901410.00 |
| 5.75049 | 316463.78 | 3901434.00 | 5.76837 | 316458.41 | 3901458.00 |
| 5.78022 | 316453.06 | 3901482.25 | 5.78912 | 316447.72 | 3901506.25 |
| 5.79165 | 316442.38 | 3901530.25 | 5.78959 | 316437.00 | 3901554.50 |
| 5.78373 | 316431.66 | 3901578.50 | 5.77332 | 316426.28 | 3901602.75 |
| 5.75955 | 316420.94 | 3901626.75 | 5.74168 | 316415.59 | 3901650.75 |
| 5.72035 | 316410.22 | 3901675.00 | 5.69581 | 316404.88 | 3901699.00 |
| 5.66739 | 316399.53 | 3901723.25 | 5.63638 | 316394.16 | 3901747.25 |
| 5.60001 | 316388.81 | 3901771.25 | 5.56077 | 316383.47 | 3901795.50 |
| 5.51887 | 316378.09 | 3901819.50 | 5.47211 | 316372.75 | 3901843.50 |
| 5.42307 | 316367.38 | 3901867.75 | 5.37119 | 316362.03 | 3901891.75 |
| 5.31670 |           |            |         |           |            |

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CONC

DEFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

|         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|---------|-------------|-------------|---------|-------------|-------------|------|
|         | 316356.69   | 3901916.00  | 5.26062 | 316351.34   | 3901940.00  |      |
| 5.20187 | 316345.97   | 3901964.00  | 5.14077 | 316340.62   | 3901988.25  |      |
| 5.07961 | 316335.28   | 3902012.25  | 5.01690 | 316329.91   | 3902036.50  |      |
| 4.95359 | 316324.56   | 3902060.50  | 4.89040 | 316319.19   | 3902084.50  |      |
| 4.82651 | 316313.84   | 3902108.75  | 4.76344 | 316308.50   | 3902132.75  |      |
| 4.69885 | 316303.12   | 3902156.75  | 4.63197 | 316297.78   | 3902181.00  |      |
| 4.56416 | 316292.44   | 3902205.00  | 4.49343 | 316287.09   | 3902229.25  |      |
| 4.42033 | 316281.72   | 3902253.25  | 4.34294 | 316276.38   | 3902277.25  |      |
| 4.26256 | 316271.00   | 3902301.50  | 4.17757 | 316265.66   | 3902325.50  |      |
| 4.08803 | 316260.31   | 3902349.50  | 3.99285 | 316254.94   | 3902373.75  |      |
| 3.89047 | 316249.59   | 3902397.75  | 3.78113 | 316244.25   | 3902422.00  |      |
| 3.66291 |             |             |         |             |             |      |

|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 3.39545 | 316238.88 | 3902446.00 | 3.53456 | 316233.53 | 3902470.00 |
| 3.07361 | 316228.19 | 3902494.25 | 3.24236 | 316222.81 | 3902518.25 |
| 2.67042 | 316217.47 | 3902542.50 | 2.88460 | 316212.12 | 3902566.50 |
| 2.14247 | 316206.75 | 3902590.50 | 2.41964 | 316201.41 | 3902614.75 |
| 3.87815 | 316536.47 | 3901024.50 | 3.91947 | 316579.72 | 3900979.75 |
| 4.34104 | 316519.69 | 3901067.25 | 4.18949 | 316514.34 | 3901091.25 |
| 4.58288 | 316508.97 | 3901115.25 | 4.46858 | 316503.62 | 3901139.50 |
| 4.76872 | 316498.28 | 3901163.50 | 4.68188 | 316492.91 | 3901187.50 |
| 4.91568 | 316487.56 | 3901211.75 | 4.84761 | 316482.22 | 3901235.75 |
| 5.02939 | 316476.84 | 3901260.00 | 4.97677 | 316471.50 | 3901284.00 |
| 5.11591 | 316466.12 | 3901308.00 | 5.07473 | 316460.78 | 3901332.25 |
| 5.17848 | 316455.44 | 3901356.25 | 5.14989 | 316450.09 | 3901380.25 |
| 5.22095 | 316444.72 | 3901404.50 | 5.20261 | 316439.38 | 3901428.50 |
| 5.24317 | 316434.03 | 3901452.75 | 5.23542 | 316428.66 | 3901476.75 |
| 5.24634 | 316423.31 | 3901500.75 | 5.24677 | 316417.94 | 3901525.00 |
| 5.23314 | 316412.59 | 3901549.00 | 5.24123 | 316407.25 | 3901573.25 |
| 5.20353 | 316401.88 | 3901597.25 | 5.21982 | 316396.53 | 3901621.25 |
| 5.16148 | 316391.19 | 3901645.50 | 5.18465 | 316385.84 | 3901669.50 |
| 5.10496 | 316380.47 | 3901693.50 | 5.13431 | 316375.12 | 3901717.75 |
| 5.03438 | 316369.75 | 3901741.75 | 5.07077 | 316364.41 | 3901766.00 |
| 4.94991 | 316359.06 | 3901790.00 | 4.99399 | 316353.69 | 3901814.00 |
| 4.85510 | 316348.34 | 3901838.25 | 4.90409 | 316343.00 | 3901862.25 |
| 4.75020 | 316337.62 | 3901886.50 | 4.80362 | 316332.28 | 3901910.50 |
| 4.63833 | 316326.94 | 3901934.50 | 4.69506 | 316321.56 | 3901958.75 |
| 4.52174 | 316316.22 | 3901982.75 | 4.58049 | 316310.88 | 3902006.75 |
| 4.40322 | 316305.50 | 3902031.00 | 4.46238 | 316300.16 | 3902055.00 |
| 4.28479 | 316294.81 | 3902079.25 | 4.34449 | 316289.44 | 3902103.25 |
| 4.16435 | 316284.09 | 3902127.25 | 4.22503 | 316278.75 | 3902151.50 |
| 4.03664 | 316273.38 | 3902175.50 | 4.10123 | 316268.03 | 3902199.50 |

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\*\*MODELOPTs:

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CONC

DEFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREA1 \*\*\*  
 INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

|         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|---------|-------------|-------------|---------|-------------|-------------|------|
| 3.89987 | 316262.66   | 3902223.75  | 3.96943 | 316257.31   | 3902247.75  |      |
| 3.75106 | 316251.97   | 3902272.00  | 3.82732 | 316246.62   | 3902296.00  |      |



|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 3.58505 | 316241.25 | 3902320.00 | 3.67021 | 316235.91 | 3902344.25 |
| 3.39744 | 316230.56 | 3902368.25 | 3.49459 | 316225.19 | 3902392.50 |
| 3.18279 | 316219.84 | 3902416.50 | 3.29418 | 316214.47 | 3902440.50 |
| 2.93149 | 316209.12 | 3902464.75 | 3.06223 | 316203.78 | 3902488.75 |
| 2.62723 | 316198.41 | 3902512.75 | 2.78773 | 316193.06 | 3902537.00 |
| 2.23646 | 316187.72 | 3902561.00 | 2.44584 | 316182.38 | 3902585.25 |
| 2.24286 | 316177.00 | 3902609.25 | 2.01338 | 316274.62 | 3902656.00 |
| 2.40988 | 316298.97 | 3902656.00 | 2.36327 | 316323.34 | 3902656.00 |
| 2.43417 | 316347.69 | 3902656.00 | 2.43010 | 316372.03 | 3902656.00 |
| 2.41185 | 316396.41 | 3902656.00 | 2.42759 | 316420.75 | 3902656.00 |
| 2.35892 | 316445.12 | 3902656.00 | 2.38863 | 316469.47 | 3902656.00 |
| 2.28238 | 316493.81 | 3902656.00 | 2.32346 | 316518.19 | 3902656.00 |
| 2.18445 | 316542.53 | 3902656.00 | 2.23604 | 316566.88 | 3902656.00 |
| 2.06530 | 316591.25 | 3902656.00 | 2.12751 | 316615.59 | 3902656.00 |
| 1.92343 | 316639.97 | 3902656.00 | 1.99732 | 316664.31 | 3902656.00 |
| 1.75541 | 316688.66 | 3902656.00 | 1.84302 | 316713.03 | 3902656.00 |
| 1.55478 | 316737.38 | 3902656.00 | 1.65981 | 316761.75 | 3902656.00 |
| 1.31167 | 316786.09 | 3902656.00 | 1.43930 | 316810.44 | 3902656.00 |
| 1.01798 | 316834.81 | 3902656.00 | 1.17058 | 316859.16 | 3902656.00 |
| 0.75927 | 316883.50 | 3902656.00 | 0.86872 | 316907.88 | 3902656.00 |
| 1.91548 | 316255.12 | 3902671.50 | 1.91649 | 316298.97 | 3902681.00 |
| 1.93755 | 316323.34 | 3902681.00 | 1.93391 | 316347.69 | 3902681.00 |
| 1.92009 | 316372.03 | 3902681.00 | 1.93227 | 316396.41 | 3902681.00 |
| 1.87895 | 316420.75 | 3902681.00 | 1.90207 | 316445.12 | 3902681.00 |
| 1.81849 | 316469.47 | 3902681.00 | 1.85099 | 316493.81 | 3902681.00 |
| 1.74031 | 316518.19 | 3902681.00 | 1.78152 | 316542.53 | 3902681.00 |
| 1.64497 | 316566.88 | 3902681.00 | 1.69483 | 316591.25 | 3902681.00 |
| 1.53195 | 316615.59 | 3902681.00 | 1.59077 | 316639.97 | 3902681.00 |
| 1.40001 | 316664.31 | 3902681.00 | 1.46847 | 316688.66 | 3902681.00 |
| 1.24712 | 316713.03 | 3902681.00 | 1.32624 | 316737.38 | 3902681.00 |
| 1.07230 | 316761.75 | 3902681.00 | 1.16237 | 316786.09 | 3902681.00 |
| 0.87932 | 316810.44 | 3902681.00 | 0.97738 | 316834.81 | 3902681.00 |
| 0.70100 | 316859.16 | 3902681.00 | 0.78394 | 316883.50 | 3902681.00 |
| 1.66768 | 316907.88 | 3902681.00 | 0.63825 | 316255.12 | 3902696.50 |
| 1.63684 | 316211.22 | 3902656.75 | 1.83951 | 316298.97 | 3902706.00 |
| 1.63889 | 316323.34 | 3902706.00 | 1.64279 | 316347.69 | 3902706.00 |
| 1.61262 | 316372.03 | 3902706.00 | 1.62832 | 316396.41 | 3902706.00 |
| 1.56828 | 316420.75 | 3902706.00 | 1.59247 | 316445.12 | 3902706.00 |

\*\*\* AERMOD - VERSION 07026 \*\*\*  
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\*\*\* 12:32:17

\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

|         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|---------|-------------|-------------|---------|-------------|-------------|------|
|         | 316469.47   | 3902706.00  | 1.54037 | 316493.81   | 3902706.00  |      |
| 1.50887 | 316518.19   | 3902706.00  | 1.47379 | 316542.53   | 3902706.00  |      |
| 1.43533 | 316566.88   | 3902706.00  | 1.39341 | 316591.25   | 3902706.00  |      |
| 1.34797 | 316615.59   | 3902706.00  | 1.29913 | 316639.97   | 3902706.00  |      |
| 1.24672 | 316664.31   | 3902706.00  | 1.19087 | 316688.66   | 3902706.00  |      |
| 1.13155 | 316713.03   | 3902706.00  | 1.06874 | 316737.38   | 3902706.00  |      |
| 1.00278 | 316761.75   | 3902706.00  | 0.93389 | 316786.09   | 3902706.00  |      |
| 0.86288 | 316810.44   | 3902706.00  | 0.79092 | 316834.81   | 3902706.00  |      |
| 0.72064 | 316859.16   | 3902706.00  | 0.65642 | 316883.50   | 3902706.00  |      |
| 0.60131 | 316907.88   | 3902706.00  | 0.55771 | 316255.12   | 3902721.50  |      |
| 1.47448 | 316216.12   | 3902702.75  | 1.53285 | 316191.72   | 3902672.50  |      |
| 1.64829 | 316298.97   | 3902731.00  | 1.43421 | 316323.34   | 3902731.00  |      |
| 1.43343 | 316347.69   | 3902731.00  | 1.42538 | 316372.03   | 3902731.00  |      |
| 1.41200 | 316396.41   | 3902731.00  | 1.39442 | 316420.75   | 3902731.00  |      |
| 1.37326 | 316445.12   | 3902731.00  | 1.34873 | 316469.47   | 3902731.00  |      |
| 1.32113 | 316493.81   | 3902731.00  | 1.29056 | 316518.19   | 3902731.00  |      |
| 1.25711 | 316542.53   | 3902731.00  | 1.22091 | 316566.88   | 3902731.00  |      |
| 1.18197 | 316591.25   | 3902731.00  | 1.14030 | 316615.59   | 3902731.00  |      |
| 1.09609 | 316639.97   | 3902731.00  | 1.04925 | 316664.31   | 3902731.00  |      |
| 1.00002 | 316688.66   | 3902731.00  | 0.94851 | 316713.03   | 3902731.00  |      |
| 0.89488 | 316737.38   | 3902731.00  | 0.83959 | 316761.75   | 3902731.00  |      |
| 0.78302 | 316786.09   | 3902731.00  | 0.72618 | 316810.44   | 3902731.00  |      |
| 0.67065 | 316834.81   | 3902731.00  | 0.61856 | 316859.16   | 3902731.00  |      |
| 0.57178 | 316883.50   | 3902731.00  | 0.53107 | 316907.88   | 3902731.00  |      |
| 0.49786 | 316932.88   | 3902631.25  | 0.85466 | 316933.28   | 3902607.00  |      |
| 1.16620 | 316933.66   | 3902582.50  | 1.60030 | 316934.09   | 3902558.25  |      |
| 1.99909 | 316934.47   | 3902533.75  | 2.34445 | 316934.88   | 3902509.50  |      |
| 2.63638 | 316935.28   | 3902485.25  | 2.89203 | 316935.69   | 3902460.75  |      |
| 3.12262 | 316936.09   | 3902436.50  | 3.32910 | 316936.50   | 3902412.00  |      |
| 3.52129 | 316936.91   | 3902387.75  | 3.69878 | 316937.31   | 3902363.25  |      |
| 3.86797 | 316937.69   | 3902339.00  | 4.02917 | 316938.09   | 3902314.50  |      |
| 4.18562 | 316938.50   | 3902290.25  | 4.33788 | 316938.91   | 3902265.75  |      |
| 4.49225 | 316939.31   | 3902241.50  | 4.64811 | 316939.72   | 3902217.00  |      |
| 4.81284 | 316940.12   | 3902192.75  | 4.98727 | 316950.41   | 3902649.25  |      |
| 0.68703 |             |             |         |             |             |      |

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|         |           |            |         |           |            |
|---------|-----------|------------|---------|-----------|------------|
| 1.17125 | 316958.28 | 3902607.50 | 0.93330 | 316958.66 | 3902583.00 |
| 1.67880 | 316959.06 | 3902558.75 | 1.42711 | 316959.47 | 3902534.25 |
| 2.12610 | 316959.88 | 3902510.00 | 1.91054 | 316960.28 | 3902485.50 |
| 2.50755 | 316960.69 | 3902461.25 | 2.32287 | 316961.09 | 3902436.75 |
| 2.84259 | 316961.50 | 3902412.50 | 2.67853 | 316961.88 | 3902388.00 |
| 3.14702 | 316962.31 | 3902363.75 | 2.99589 | 316962.69 | 3902339.25 |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE PERIOD ( 8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

|         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) | Y-COORD (M) | CONC |
|---------|-------------|-------------|---------|-------------|-------------|------|
| 3.43776 | 316963.09   | 3902315.00  | 3.29224 | 316963.50   | 3902290.50  |      |
| 3.73376 | 316963.91   | 3902266.25  | 3.58285 | 316964.31   | 3902241.75  |      |
| 4.06215 | 316964.72   | 3902217.50  | 3.89082 | 316965.12   | 3902193.00  |      |
| 0.63613 | 316965.53   | 3902168.75  | 4.25060 | 316975.38   | 3902649.50  |      |
| 0.81146 | 316942.94   | 3902691.50  | 0.55034 | 316983.25   | 3902607.75  |      |
| 1.14781 | 316983.66   | 3902583.50  | 0.96784 | 316984.06   | 3902559.00  |      |
| 1.51805 | 316984.47   | 3902534.75  | 1.33283 | 316984.88   | 3902510.25  |      |
| 1.86493 | 316985.28   | 3902486.00  | 1.69472 | 316985.69   | 3902461.50  |      |
| 2.17976 | 316986.09   | 3902437.25  | 2.02519 | 316986.50   | 3902412.75  |      |
| 2.47018 | 316986.88   | 3902388.50  | 2.32695 | 316987.28   | 3902364.00  |      |
| 2.74586 | 316987.69   | 3902339.75  | 2.60830 | 316988.09   | 3902315.25  |      |
| 3.02133 | 316988.50   | 3902291.00  | 2.88180 | 316988.91   | 3902266.50  |      |
| 3.31698 | 316989.31   | 3902242.25  | 3.16415 | 316989.72   | 3902217.75  |      |
| 3.66504 | 316990.12   | 3902193.50  | 3.48120 | 316990.53   | 3902169.25  |      |
| 0.51942 | 317000.38   | 3902650.00  | 0.59245 | 316985.47   | 3902684.75  |      |
| 0.72752 | 316960.47   | 3902709.50  | 0.48958 | 317008.25   | 3902608.25  |      |
| 0.97703 | 317008.66   | 3902583.75  | 0.84399 | 317009.06   | 3902559.50  |      |
| 1.26774 | 317009.47   | 3902535.00  | 1.12128 | 317009.88   | 3902510.75  |      |
| 1.55980 | 317010.28   | 3902486.25  | 1.41584 | 317010.69   | 3902462.00  |      |
| 1.83791 | 317011.09   | 3902437.50  | 1.70142 | 317011.47   | 3902413.25  |      |
| 2.10157 | 317011.88   | 3902389.00  | 1.97048 | 317012.28   | 3902364.50  |      |
| 2.35792 | 317012.69   | 3902340.25  | 2.22940 | 317013.09   | 3902315.75  |      |
| 2.61823 | 317013.50   | 3902291.50  | 2.48596 | 317013.91   | 3902267.00  |      |
| 2.90100 | 317014.31   | 3902242.75  | 2.75445 | 317014.72   | 3902218.25  |      |
| 3.24071 | 317015.12   | 3902194.00  | 3.05950 | 317015.50   | 3902169.50  |      |

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 \*\*MODELOPTS:

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CONC DFAULT ELEV

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREAL1 \*\*\*  
 INCLUDING SOURCE(S): PAREAL1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) Y-COORD (M) |                                 | CONC (YYMMDDHH) |            | X-COORD (M) Y-COORD (M) |            |
|-------------------------|---------------------------------|-----------------|------------|-------------------------|------------|
| CONC                    | (YYMMDDHH)                      | CONC            | (YYMMDDHH) |                         |            |
| 100.19509               | 316941.44 3902071.00 (04041406) | 101.70605       | (04041406) | 316965.31               | 3902071.00 |
| 96.15410                | 316989.19 3902071.00 (04041406) | 98.33298        | (04041406) | 317013.09               | 3902071.00 |
| 91.32861                | 317036.97 3902071.00 (04041406) | 93.76856        | (04041406) | 317060.84               | 3902071.00 |
| 87.01979                | 317084.75 3902071.00 (04041406) | 89.01610        | (04041406) | 317108.62               | 3902071.00 |
| 84.26783                | 317132.50 3902071.00 (04041406) | 85.37106        | (04041406) | 317156.38               | 3902071.00 |
| 82.89552                | 317180.28 3902071.00 (04041406) | 83.54048        | (04041406) | 317204.16               | 3902071.00 |
| 77.76261                | 317228.06 3902071.00 (04041406) | 81.52825        | (04041406) | 317251.94               | 3902071.00 |
| 54.32365                | 317275.81 3902071.00 (04073002) | 69.30053        | (04041406) | 317299.69               | 3902071.00 |
| 91.19994                | 317323.59 3902071.00 (04041406) | 53.76654        | (04073002) | 316941.44               | 3902096.00 |
| 87.65516                | 316965.31 3902096.00 (04041406) | 89.59014        | (04041406) | 316989.19               | 3902096.00 |
| 83.11434                | 317013.09 3902096.00 (04041406) | 85.45567        | (04041406) | 317036.97               | 3902096.00 |
| 78.65572                | 317060.84 3902096.00 (04041406) | 80.78961        | (04041406) | 317084.75               | 3902096.00 |
| 75.49720                | 317108.62 3902096.00 (04041406) | 76.85643        | (04041406) | 317132.50               | 3902096.00 |
| 73.86397                | 317156.38 3902096.00 (04041406) | 74.54976        | (04041406) | 317180.28               | 3902096.00 |
| 70.92761                | 317204.16 3902096.00 (04041406) | 72.99474        | (04041406) | 317228.06               | 3902096.00 |
| 56.48765                | 317251.94 3902096.00 (04041406) | 66.02878        | (04041406) | 317275.81               | 3902096.00 |
| 48.65490                | 317299.69 3902096.00 (04073002) | 48.84607        | (04073002) | 317323.59               | 3902096.00 |
| 82.24081                | 316941.44 3902121.00 (04041406) | 83.93635        | (04041406) | 316965.31               | 3902121.00 |
| 78.05862                | 316989.19 3902121.00 (04041406) | 80.25545        | (04041406) | 317013.09               | 3902121.00 |
| 73.59304                | 317036.97 3902121.00 (04041406) | 75.78493        | (04041406) | 317060.84               | 3902121.00 |
| 70.04965                | 317084.75 3902121.00 (04041406) | 71.63762        | (04041406) | 317108.62               | 3902121.00 |
| 68.03056                | 317132.50 3902121.00 (04041406) | 68.86858        | (04041406) | 317156.38               | 3902121.00 |
| 66.05091                | 317180.28 3902121.00 (04041406) | 67.29250        | (04041406) | 317204.16               | 3902121.00 |
| 57.26396                | 317228.06 3902121.00 (04041406) | 63.18542        | (04041406) | 317251.94               | 3902121.00 |
| 45.27575                | 317275.81 3902121.00 (04073002) | 47.35580        | (04041406) | 317299.69               | 3902121.00 |
| 78.23864                | 317323.59 3902121.00 (04041406) | 45.16687        | (04073002) | 316941.44               | 3902146.00 |
| 74.45835                | 316965.31 3902146.00 (04041406) | 76.47331        | (04041406) | 316989.19               | 3902146.00 |
| 66.28322                | 317013.09 3902146.00 (04041406) | 72.28746        | (04041406) | 317036.97               | 3902146.00 |
| 63.84485                | 317060.84 3902146.00 (04041406) | 68.05577        | (04041406) | 317084.75               | 3902146.00 |
|                         | 317108.62 3902146.00 (04041406) | 64.87923        | (04041406) | 317132.50               | 3902146.00 |
|                         | 317156.38 3902146.00 (04041406) | 63.05426        | (04041406) | 317180.28               | 3902146.00 |

|                                |                      |                          |                      |
|--------------------------------|----------------------|--------------------------|----------------------|
| 62.15500 (04041406)            | 317204.16 3902146.00 | 60.41749 (04041406)      | 317228.06 3902146.00 |
| 56.73329 (04041406)            | 317251.94 3902146.00 | 50.05195 (04041406)      | 317275.81 3902146.00 |
| 42.49734 (04073002)            | 317299.69 3902146.00 | 42.52514 (04073002)      | 317323.59 3902146.00 |
| 42.49996 (04073002)            | 317348.53 3902047.75 | 54.51096 (04120607)      | 317350.34 3902023.00 |
| 58.85072 (04022707)            | 317352.16 3901998.25 | 66.52632 (04022707)      | 317353.97 3901973.50 |
| 68.53316 (04022707)            | 317355.78 3901948.75 | 68.76151 (04022707)      | 317357.59 3901924.00 |
| 68.50927 (04022707)            | 317359.41 3901899.25 | 69.78551 (04012123)      | 317361.22 3901874.50 |
| 71.09702 (04012123)            | 317365.53 3902066.25 | 48.22513 (04101606)      | 317375.28 3902025.00 |
| 50.26424 (04041204)            | 317377.09 3902000.25 | 59.12514 (04022707)      | 317378.91 3901975.25 |
| 61.74513 (04022707)            |                      |                          |                      |
| *** AERMOD - VERSION 07026 *** |                      | *** C:\Lakes\BFD\BFD.isc |                      |
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\*\*MODELOPTs:

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CONC

DFAULT ELEV

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

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC     | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|----------|---------------------------|-------------|----------|------------|-------------|-------------|
| 62.12776 | 317380.72                 | 3901950.50  | 62.24432 | (04022707) | 317382.53   | 3901925.75  |
| 67.28566 | (04022707)                |             | 62.64379 | (04010103) | 317386.16   | 3901876.25  |
| 43.84526 | 317384.34                 | 3901901.00  | 45.24395 | (04120607) | 317357.62   | 3902107.75  |
| 53.71630 | (04041406)                |             | 45.12247 | (04120607) | 317402.03   | 3902002.00  |
| 57.65966 | 317390.47                 | 3902068.00  | 56.88025 | (04022707) | 317405.62   | 3901952.50  |
| 57.81221 | (04052101)                |             | 57.65465 | (04022707) | 317409.28   | 3901902.75  |
| 42.55562 | 317400.19                 | 3902026.75  | 66.14526 | (04041406) | 317412.78   | 3902075.25  |
| 41.09506 | (04022707)                |             | 42.11563 | (04101606) | 317368.97   | 3902128.25  |
| 42.37879 | 317403.84                 | 3901977.25  | 42.59046 | (04073002) | 317423.31   | 3902053.25  |
| 54.10220 | (04120607)                |             | 42.26397 | (04012320) | 317426.94   | 3902003.75  |
| 57.04297 | 317425.12                 | 3902028.50  | 53.05669 | (04022707) | 317430.59   | 3901954.25  |
| 67.85918 | (04022707)                |             | 54.22172 | (04022707) | 317434.22   | 3901904.75  |
| 67.00849 | 317432.38                 | 3901929.50  | 64.96247 | (04041406) | 317458.94   | 3901872.75  |
| 65.23517 | (04041406)                |             | 67.46797 | (04041406) | 317507.28   | 3901872.75  |
| 59.90221 | 317436.03                 | 3901880.00  | 66.35073 | (04041406) | 317555.62   | 3901872.75  |
| 54.28955 | (04041406)                |             | 63.25046 | (04041406) | 317603.97   | 3901872.75  |
| 54.72540 | 317483.12                 | 3901872.75  | 54.77569 | (04041406) | 317652.31   | 3901872.75  |
| 55.16509 | (04010217)                |             | 54.46169 | (04010217) | 317700.62   | 3901872.75  |
| 58.36634 | 317724.81                 | 3901872.75  | 55.00528 | (04010217) | 317748.97   | 3901872.75  |
| 57.23125 | (04010217)                |             | 58.67120 | (04041406) | 317483.12   | 3901897.75  |
|          | 317458.94                 | 3901897.75  | 57.94327 | (04041406) | 317531.47   | 3901897.75  |
|          | (04041406)                |             |          |            |             |             |

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          99.ADO
317555.62 3901897.75 55.93354 (04041406) 317579.78 3901897.75
53.64128 (04041406)
317603.97 3901897.75 49.92418 (04041406) 317628.12 3901897.75
48.51589 (04101606)
317652.31 3901897.75 48.57870 (04101606) 317676.47 3901897.75
48.58411 (04101606)
317700.62 3901897.75 48.66768 (04090504) 317724.81 3901897.75
48.78879 (04090504)
317748.97 3901897.75 48.84950 (04090504) 317458.94 3901922.75
52.72372 (04041406)
317483.12 3901922.75 52.42210 (04041406) 317507.28 3901922.75
51.94193 (04041406)
317531.47 3901922.75 51.07465 (04041406) 317555.62 3901922.75
49.50428 (04041406)
317579.78 3901922.75 46.84534 (04041406) 317603.97 3901922.75
44.31821 (04101606)
317628.12 3901922.75 44.50042 (04101606) 317652.31 3901922.75
44.63324 (04101606)
317676.47 3901922.75 44.72132 (04101606) 317700.62 3901922.75
44.75317 (04101606)
317724.81 3901922.75 44.74015 (04090504) 317748.97 3901922.75
44.89260 (04090504)
317458.94 3901947.75 51.02413 (04022707) 317483.12 3901947.75
48.70476 (04022707)
317507.28 3901947.75 47.38916 (04041406) 317531.47 3901947.75
46.31177 (04041406)
317555.62 3901947.75 44.43060 (04041406) 317579.78 3901947.75
41.70721 (04022707)
317603.97 3901947.75 41.10941 (04101606) 317628.12 3901947.75
41.34198 (04101606)
317652.31 3901947.75 41.53518 (04101606) 317676.47 3901947.75
41.68812 (04101606)
317700.62 3901947.75 41.79293 (04101606) 317724.81 3901947.75
41.83632 (04101606)
317748.97 3901947.75 41.82065 (04101606) 317773.97 3901847.75
61.23981 (04120607)
317773.97 3901823.25 67.92097 (04022707) 317773.97 3901799.00
76.67119 (04022707)

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*** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
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**MODELOPTs:

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PAGE 31

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CONC

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DEFAULT ELEV

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

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PAREA1 ***

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INCLUDING SOURCE(S): PAREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

```

| X-COORD (M) Y-COORD (M) |                      | CONC     | (YYMMDDHH) | X-COORD (M) Y-COORD (M) |            |
|-------------------------|----------------------|----------|------------|-------------------------|------------|
| CONC                    | (YYMMDDHH)           |          |            |                         |            |
| 79.62559                | 317773.97 3901774.50 | 79.04500 | (04022707) | 317773.97               | 3901750.00 |
| 81.84607                | 317773.97 3901725.50 | 79.76405 | (04022707) | 317773.97               | 3901701.00 |
| 84.77448                | 317773.97 3901676.50 | 83.84772 | (04012123) | 317773.97               | 3901652.00 |
| 85.70409                | 317773.97 3901627.50 | 85.14355 | (04012123) | 317773.97               | 3901603.00 |
| 86.40333                | 317773.97 3901578.75 | 86.15888 | (04121223) | 317773.97               | 3901554.25 |
| 86.52325                | 317773.97 3901529.75 | 86.54651 | (04121223) | 317773.97               | 3901505.25 |
| 87.73888                | 317773.97 3901480.75 | 86.59621 | (04121223) | 317773.97               | 3901456.25 |
| 61.00908                | 317791.66 3901865.50 | 55.67825 | (04120607) | 317798.97               | 3901823.25 |
| 72.66161                | 317798.97 3901799.00 | 70.04871 | (04022707) | 317798.97               | 3901774.50 |
| 73.42018                | 317798.97 3901750.00 | 73.30666 | (04022707) | 317798.97               | 3901725.50 |
| 76.59656                | 317798.97 3901701.00 | 74.57803 | (04010103) | 317798.97               | 3901676.50 |
|                         | 317798.97 3901652.00 | 77.75948 | (04012123) | 317798.97               | 3901627.50 |

99.ADO

|                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| 78.22671 (04012123)  | 317798.97 3901603.00 | 78.42749 (04121223)  | 317798.97 3901578.75 |
| 78.97886 (04121223)  | 317798.97 3901554.25 | 79.24181 (04121223)  | 317798.97 3901529.75 |
| 79.35260 (04121223)  | 317798.97 3901505.25 | 79.39165 (04121223)  | 317798.97 3901480.75 |
| 79.39747 (04121223)  | 317798.97 3901456.25 | 79.33709 (04121223)  | 317816.66 3901865.50 |
| 53.24900 (04120607)  | 317784.34 3901908.25 | 47.14817 (04010217)  | 317823.97 3901823.25 |
| 56.22920 (04022707)  | 317823.97 3901799.00 | 65.21114 (04022707)  | 317823.97 3901774.50 |
| 68.09967 (04022707)  | 317823.97 3901750.00 | 68.84935 (04022707)  | 317823.97 3901725.50 |
| 68.97807 (04022707)  | 317823.97 3901701.00 | 69.46248 (04010103)  | 317823.97 3901676.50 |
| 71.29545 (04012123)  | 317823.97 3901652.00 | 72.76787 (04012123)  | 317823.97 3901627.50 |
| 73.41013 (04012123)  | 317823.97 3901603.00 | 73.62505 (04012123)  | 317823.97 3901578.75 |
| 73.99287 (04121223)  | 317823.97 3901554.25 | 74.34610 (04121223)  | 317823.97 3901529.75 |
| 74.49040 (04121223)  | 317823.97 3901505.25 | 74.52959 (04121223)  | 317823.97 3901480.75 |
| 74.51749 (04121223)  | 317823.97 3901456.25 | 74.37904 (04121223)  | 317841.66 3901865.50 |
| 50.74613 (04120607)  | 317827.00 3901900.75 | 47.27078 (04120607)  | 317802.00 3901925.75 |
| 44.47016 (04090504)  | 317848.97 3901823.25 | 52.86810 (04041204)  | 317848.97 3901799.00 |
| 61.24463 (04022707)  | 317848.97 3901774.50 | 64.40611 (04022707)  | 317848.97 3901750.00 |
| 65.27995 (04022707)  | 317848.97 3901725.50 | 65.44196 (04022707)  | 317848.97 3901701.00 |
| 65.42145 (04022707)  | 317848.97 3901676.50 | 66.88682 (04010103)  | 317848.97 3901652.00 |
| 68.61766 (04012123)  | 317848.97 3901627.50 | 69.48415 (04012123)  | 317848.97 3901603.00 |
| 69.81162 (04012123)  | 317848.97 3901578.75 | 69.90098 (04121223)  | 317848.97 3901554.25 |
| 70.38531 (04121223)  | 317848.97 3901529.75 | 70.59868 (04121223)  | 317848.97 3901505.25 |
| 70.66492 (04121223)  | 317848.97 3901480.75 | 70.65699 (04121223)  | 317848.97 3901456.25 |
| 70.56974 (04121223)  | 317749.88 3901431.25 | 91.23708 (04120903)  | 317725.69 3901430.50 |
| 91.29972 (04120903)  | 317701.53 3901429.50 | 91.61976 (04022722)  | 317677.34 3901428.75 |
| 124.80293 (04012306) | 317653.19 3901428.00 | 154.11006 (04012306) | 317629.00 3901427.00 |
| 177.87547 (04012306) | 317604.84 3901426.25 | 196.64651 (04012306) | 317580.69 3901425.25 |
| 209.28394 (04012306) | 317556.50 3901424.50 | 216.57608 (04012306) | 317532.34 3901423.50 |
| 219.22464 (04012306) | 317508.16 3901422.75 | 220.43623 (04012306) | 317484.00 3901422.00 |
| 220.86743 (04012306) |                      |                      |                      |

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CONC

DEFAULT ELEV

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

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-------------|-------------|-----------|------------|-------------|-------------|
| 317459.84   | 3901421.00  | 220.86827 | (04012306) | 317435.66   | 3901420.25  |
| 221.05159   | (04012306)  |           |            |             |             |
| 317411.50   | 3901419.25  | 221.00209 | (04012306) | 317387.31   | 3901418.50  |
| 221.15565   | (04012306)  |           |            |             |             |

|                      |            | 99.ADO    |            |                      |
|----------------------|------------|-----------|------------|----------------------|
| 317363.16            | 3901417.75 | 221.29231 | (04012306) | 317767.84 3901414.00 |
| 83.83541 (04120903)  |            |           |            |                      |
| 317726.56            | 3901405.50 | 82.04592  | (04022722) | 317702.41 3901404.50 |
| 83.45614 (04022722)  |            |           |            |                      |
| 317678.25            | 3901403.75 | 95.30282  | (04012306) | 317654.06 3901403.00 |
| 124.82304 (04012306) |            |           |            |                      |
| 317629.91            | 3901402.00 | 149.02650 | (04012306) | 317605.72 3901401.25 |
| 168.92052 (04012306) |            |           |            |                      |
| 317581.56            | 3901400.25 | 183.35902 | (04012306) | 317557.38 3901399.50 |
| 192.62357 (04012306) |            |           |            |                      |
| 317533.22            | 3901398.75 | 197.38031 | (04012306) | 317509.06 3901397.75 |
| 199.17776 (04012306) |            |           |            |                      |
| 317484.88            | 3901397.00 | 199.91180 | (04012306) | 317460.72 3901396.00 |
| 200.02100 (04012306) |            |           |            |                      |
| 317436.53            | 3901395.25 | 200.21028 | (04012306) | 317412.38 3901394.25 |
| 200.18341 (04012306) |            |           |            |                      |
| 317388.19            | 3901393.50 | 200.34581 | (04012306) | 317364.03 3901392.75 |
| 200.50642 (04012306) |            |           |            |                      |
| 317768.72            | 3901389.00 | 77.11929  | (04120903) | 317809.94 3901421.50 |
| 77.99278 (04120903)  |            |           |            |                      |
| 317727.47            | 3901380.50 | 77.23564  | (04022722) | 317703.28 3901379.50 |
| 78.45305 (04022722)  |            |           |            |                      |
| 317679.12            | 3901378.75 | 79.52897  | (04022722) | 317654.94 3901378.00 |
| 99.72242 (04012306)  |            |           |            |                      |
| 317630.78            | 3901377.00 | 124.30147 | (04012306) | 317606.62 3901376.25 |
| 144.96243 (04012306) |            |           |            |                      |
| 317582.44            | 3901375.25 | 160.91946 | (04012306) | 317558.28 3901374.50 |
| 172.03146 (04012306) |            |           |            |                      |
| 317534.09            | 3901373.75 | 178.46101 | (04012306) | 317509.94 3901372.75 |
| 181.36363 (04012306) |            |           |            |                      |
| 317485.75            | 3901372.00 | 182.61272 | (04012306) | 317461.59 3901371.00 |
| 182.95604 (04012306) |            |           |            |                      |
| 317437.41            | 3901370.25 | 183.21452 | (04012306) | 317413.25 3901369.50 |
| 183.41417 (04012306) |            |           |            |                      |
| 317389.09            | 3901368.50 | 183.45038 | (04012306) | 317364.91 3901367.75 |
| 183.63474 (04012306) |            |           |            |                      |
| 317769.62            | 3901364.00 | 72.29591  | (04022722) | 317803.81 3901379.25 |
| 74.70400 (04120903)  |            |           |            |                      |
| 317827.94            | 3901404.25 | 74.51051  | (04120903) | 317728.34 3901355.50 |
| 73.78471 (04022722)  |            |           |            |                      |
| 317704.16            | 3901354.75 | 74.85728  | (04022722) | 317680.00 3901353.75 |
| 75.73563 (04022722)  |            |           |            |                      |
| 317655.84            | 3901353.00 | 78.44115  | (04012306) | 317631.66 3901352.00 |
| 103.31013 (04012306) |            |           |            |                      |
| 317607.50            | 3901351.25 | 124.51667 | (04012306) | 317583.31 3901350.25 |
| 141.61746 (04012306) |            |           |            |                      |
| 317559.16            | 3901349.50 | 154.35384 | (04012306) | 317534.97 3901348.75 |
| 162.47711 (04012306) |            |           |            |                      |
| 317510.81            | 3901347.75 | 166.67757 | (04012306) | 317486.62 3901347.00 |
| 168.64432 (04012306) |            |           |            |                      |
| 317462.47            | 3901346.00 | 169.32733 | (04012306) | 317438.31 3901345.25 |
| 169.69450 (04012306) |            |           |            |                      |
| 317414.12            | 3901344.50 | 169.93364 | (04012306) | 317389.97 3901343.50 |
| 170.01895 (04012306) |            |           |            |                      |
| 317365.81            | 3901342.75 | 170.21918 | (04012306) | 317358.56 3901318.50 |
| 159.70479 (04012306) |            |           |            |                      |
| 317357.62            | 3901294.00 | 150.62671 | (04012306) | 317356.72 3901269.50 |
| 142.82866 (04012306) |            |           |            |                      |
| 317355.84            | 3901245.00 | 136.02602 | (04012306) | 317354.91 3901220.50 |
| 130.01445 (04012306) |            |           |            |                      |
| 317354.00            | 3901196.25 | 124.69389 | (04012306) | 317353.12 3901171.75 |
| 119.83949 (04012306) |            |           |            |                      |
| 317352.19            | 3901147.25 | 115.41446 | (04012306) | 317351.28 3901122.75 |
| 111.34054 (04012306) |            |           |            |                      |
| 317350.38            | 3901098.25 | 107.54778 | (04012306) | 317349.47 3901073.75 |
| 103.97765 (04012306) |            |           |            |                      |
| 317348.56            | 3901049.25 | 100.57793 | (04012306) | 317383.53 3901317.50 |
| 158.77890 (04012306) |            |           |            |                      |
| 317382.62            | 3901293.00 | 149.79781 | (04012306) | 317381.72 3901268.75 |
| 142.14374 (04012306) |            |           |            |                      |
| 317380.81            | 3901244.25 | 135.37837 | (04012306) | 317379.91 3901219.75 |
| 129.38387 (04012306) |            |           |            |                      |
| 317379.00            | 3901195.25 | 124.00060 | (04012306) | 317378.09 3901170.75 |
| 119.10641 (04012306) |            |           |            |                      |
| 317377.19            | 3901146.25 | 114.60103 | (04012306) | 317376.28 3901121.75 |
| 110.39726 (04012306) |            |           |            |                      |

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CONC

DFAULT ELEV

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

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|-----------|------------|-------------|-------------|
| 102.61238 | 317375.38                 | 3901097.25  | 106.42265 | (04012306) | 317374.47   | 3901072.75  |
| 157.94720 | 317373.56                 | 3901048.50  | 98.94883  | (04012306) | 317408.50   | 3901316.75  |
| 141.33469 | 317407.62                 | 3901292.25  | 149.02979 | (04012306) | 317406.69   | 3901267.75  |
| 128.53673 | 317405.78                 | 3901243.25  | 134.57506 | (04012306) | 317404.88   | 3901218.75  |
| 118.00858 | 317403.97                 | 3901194.25  | 123.05830 | (04012306) | 317403.06   | 3901169.75  |
| 108.77988 | 317402.16                 | 3901145.25  | 113.27887 | (04012306) | 317401.25   | 3901120.75  |
| 100.24272 | 317400.34                 | 3901096.50  | 104.48380 | (04012306) | 317399.44   | 3901072.00  |
| 156.95703 | 317398.53                 | 3901047.50  | 96.05269  | (04012306) | 317433.50   | 3901315.75  |
| 140.33365 | 317432.59                 | 3901291.25  | 148.06761 | (04012306) | 317431.69   | 3901266.75  |
| 127.23110 | 317430.78                 | 3901242.25  | 133.46088 | (04012306) | 317429.88   | 3901217.75  |
| 116.11408 | 317428.97                 | 3901193.25  | 121.47521 | (04012306) | 317428.06   | 3901169.00  |
| 105.91812 | 317427.16                 | 3901144.50  | 110.93665 | (04012306) | 317426.25   | 3901120.00  |
| 96.12861  | 317425.34                 | 3901095.50  | 100.99598 | (04012306) | 317424.44   | 3901071.00  |
| 102.96918 | 317423.53                 | 3901046.50  | 91.28181  | (04012306) | 317323.06   | 3901025.25  |
| 189.58717 | 317298.91                 | 3901025.75  | 135.59238 | (04012306) | 317274.72   | 3901026.25  |
| 261.76410 | 317250.56                 | 3901026.75  | 229.11401 | (04012306) | 317226.38   | 3901027.25  |
| 302.89618 | 317202.22                 | 3901027.75  | 285.93805 | (04012306) | 317178.06   | 3901028.25  |
| 317.88470 | 317153.88                 | 3901028.75  | 312.93961 | (04012306) | 317129.72   | 3901029.25  |
| 322.33594 | 317105.53                 | 3901029.75  | 320.34082 | (04012306) | 317081.38   | 3901030.25  |
| 328.62994 | 317057.19                 | 3901030.75  | 324.95566 | (04012306) | 317033.03   | 3901031.25  |
| 339.97589 | 317008.88                 | 3901031.75  | 334.40335 | (04012306) | 316984.69   | 3901032.25  |
| 350.86810 | 316960.53                 | 3901032.75  | 345.66928 | (04012306) | 316936.34   | 3901033.25  |
| 358.35532 | 316912.19                 | 3901033.75  | 355.14438 | (04012306) | 316888.00   | 3901034.25  |
| 362.07901 | 316863.84                 | 3901034.75  | 360.58624 | (04012306) | 316839.66   | 3901035.25  |
| 363.74780 | 316815.50                 | 3901035.75  | 363.06326 | (04012306) | 316791.34   | 3901036.25  |
| 364.56552 | 316767.16                 | 3901036.75  | 364.23596 | (04012306) | 316743.00   | 3901037.25  |
| 365.06512 | 316718.81                 | 3901037.75  | 364.83258 | (04012306) | 316694.66   | 3901038.25  |
| 366.48102 | 316670.47                 | 3901038.75  | 366.19876 | (04012306) | 316646.31   | 3901039.25  |
| 95.73510  | 316622.12                 | 3901039.75  | 335.13223 | (04012306) | 317340.22   | 3901007.00  |
| 159.95276 | 317298.38                 | 3901000.75  | 111.49844 | (04012306) | 317274.22   | 3901001.25  |
| 231.06247 | 317250.06                 | 3901001.75  | 199.50661 | (04012306) | 317225.88   | 3901002.25  |
| 274.95331 | 317201.72                 | 3901002.75  | 256.22836 | (04012306) | 317177.53   | 3901003.25  |
| 293.45010 | 317153.38                 | 3901003.75  | 286.97119 | (04012306) | 317129.19   | 3901004.25  |
|           | 317105.03                 | 3901004.75  | 296.65488 | (04012306) | 317080.88   | 3901005.25  |

|                      |                      |           |            |  |  |
|----------------------|----------------------|-----------|------------|--|--|
| 298.74738 (04012306) |                      |           |            |  |  |
| 317056.69 3901005.75 | 301.08548 (04012306) | 317032.53 | 3901006.25 |  |  |
| 304.35095 (04012306) |                      |           |            |  |  |
| 317008.34 3901006.75 | 308.67645 (04012306) | 316984.19 | 3901007.25 |  |  |
| 313.84521 (04012306) |                      |           |            |  |  |
| 316960.00 3901007.75 | 319.37421 (04012306) | 316935.84 | 3901008.25 |  |  |
| 324.64172 (04012306) |                      |           |            |  |  |
| 316911.66 3901008.75 | 329.17538 (04012306) | 316887.50 | 3901009.25 |  |  |
| 332.71732 (04012306) |                      |           |            |  |  |
| 316863.34 3901009.75 | 335.28287 (04012306) | 316839.16 | 3901010.25 |  |  |
| 337.04120 (04012306) |                      |           |            |  |  |
| 316815.00 3901010.75 | 338.22488 (04012306) | 316790.81 | 3901011.25 |  |  |
| 339.03818 (04012306) |                      |           |            |  |  |

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CONC

DFAULT ELEV

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

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|------------|------------|-------------|-------------|
| 316766.66 | 3901011.75                | 339.66959   | (04012306) | 316742.47  | 3901012.25  |             |
| 340.11484 | (04012306)                |             |            |            |             |             |
| 316718.31 | 3901012.75                | 340.53159   | (04012306) | 316694.12  | 3901013.25  |             |
| 341.02460 | (04012306)                |             |            |            |             |             |
| 316669.97 | 3901013.75                | 341.51025   | (04012306) | 316645.81  | 3901014.25  |             |
| 343.20856 | (04012306)                |             |            |            |             |             |
| 316621.62 | 3901014.75                | 327.76520   | (04012306) | 317339.72  | 3900982.00  |             |
| 92.22137  | (04012306)                |             |            |            |             |             |
| 317382.88 | 3901013.00                | 92.40802    | (04012306) | 317297.88  | 3900975.75  |             |
| 99.20180  | (04012306)                |             |            |            |             |             |
| 317273.69 | 3900976.25                | 134.11928   | (04012306) | 317249.53  | 3900976.75  |             |
| 173.07571 | (04012306)                |             |            |            |             |             |
| 317225.38 | 3900977.25                | 204.73473   | (04012306) | 317201.19  | 3900977.75  |             |
| 230.54242 | (04012306)                |             |            |            |             |             |
| 317177.03 | 3900978.25                | 250.52916   | (04012306) | 317152.84  | 3900978.75  |             |
| 264.31189 | (04012306)                |             |            |            |             |             |
| 317128.69 | 3900979.25                | 272.37878   | (04012306) | 317104.50  | 3900979.75  |             |
| 276.52356 | (04012306)                |             |            |            |             |             |
| 317080.34 | 3900980.25                | 278.85980   | (04012306) | 317056.16  | 3900980.75  |             |
| 280.98865 | (04012306)                |             |            |            |             |             |
| 317032.00 | 3900981.25                | 283.78329   | (04012306) | 317007.84  | 3900981.75  |             |
| 287.57227 | (04012306)                |             |            |            |             |             |
| 316983.66 | 3900982.25                | 292.28174   | (04012306) | 316959.50  | 3900982.75  |             |
| 297.50748 | (04012306)                |             |            |            |             |             |
| 316935.31 | 3900983.25                | 302.71191   | (04012306) | 316911.16  | 3900983.75  |             |
| 307.36261 | (04012306)                |             |            |            |             |             |
| 316886.97 | 3900984.25                | 311.14377   | (04012306) | 316862.81  | 3900984.75  |             |
| 313.96158 | (04012306)                |             |            |            |             |             |
| 316838.62 | 3900985.25                | 315.92914   | (04012306) | 316814.47  | 3900985.75  |             |
| 317.24384 | (04012306)                |             |            |            |             |             |
| 316790.31 | 3900986.25                | 318.12851   | (04012306) | 316766.12  | 3900986.75  |             |
| 318.75595 | (04012306)                |             |            |            |             |             |
| 316741.97 | 3900987.25                | 319.26898   | (04012306) | 316717.78  | 3900987.75  |             |
| 319.73398 | (04012306)                |             |            |            |             |             |
| 316693.62 | 3900988.25                | 320.20197   | (04012306) | 316669.44  | 3900988.75  |             |
| 320.72638 | (04012306)                |             |            |            |             |             |
| 316645.28 | 3900989.25                | 321.30252   | (04012306) | 316621.12  | 3900989.75  |             |
| 316.13660 | (04012306)                |             |            |            |             |             |
| 317339.19 | 3900957.00                | 89.08527    | (04012306) | 317374.56  | 3900970.75  |             |
| 86.88521  | (04012306)                |             |            |            |             |             |
| 317400.06 | 3900994.75                | 86.36089    | (04012306) | 317297.34  | 3900950.75  |             |
| 93.04389  | (04012306)                |             |            |            |             |             |
| 317273.19 | 3900951.25                | 114.64931   | (04012306) | 317249.00  | 3900951.75  |             |
| 150.41023 | (04012306)                |             |            |            |             |             |
| 317224.84 | 3900952.25                | 182.05615   | (04012306) | 317200.66  | 3900952.75  |             |
| 208.27943 | (04012306)                |             |            |            |             |             |
| 317176.50 | 3900953.25                | 229.23718   | (04012306) | 317152.34  | 3900953.75  |             |
| 244.54205 | (04012306)                |             |            |            |             |             |



|           |            |           |            |           |            |
|-----------|------------|-----------|------------|-----------|------------|
| 225.18597 | (04012306) |           |            |           |            |
| 316384.09 | 3902023.25 | 219.37422 | (04012306) | 316378.72 | 3902047.25 |
| 213.34467 | (04012306) |           |            |           |            |
| 316373.38 | 3902071.25 | 207.19595 | (04012306) | 316368.00 | 3902095.50 |
| 201.36426 | (04121105) |           |            |           |            |
| 316362.66 | 3902119.50 | 196.35240 | (04121105) | 316357.31 | 3902143.50 |
| 190.95399 | (04121105) |           |            |           |            |
| 316351.94 | 3902167.75 | 185.17032 | (04121105) | 316346.59 | 3902191.75 |
| 179.07315 | (04121105) |           |            |           |            |
| 316341.25 | 3902216.00 | 172.63551 | (04121105) | 316335.88 | 3902240.00 |
| 165.83327 | (04121105) |           |            |           |            |
| 316330.53 | 3902264.00 | 158.74181 | (04121105) | 316325.19 | 3902288.25 |
| 151.29961 | (04121105) |           |            |           |            |
| 316319.81 | 3902312.25 | 143.53020 | (04121105) | 316314.47 | 3902336.25 |
| 135.36656 | (04121105) |           |            |           |            |
| 316309.12 | 3902360.50 | 126.69231 | (04121105) | 316303.75 | 3902384.50 |
| 117.46627 | (04121105) |           |            |           |            |
| 316298.41 | 3902408.75 | 107.59433 | (04121105) | 316293.06 | 3902432.75 |
| 97.03531  | (04121105) |           |            |           |            |
| 316287.69 | 3902456.75 | 85.58926  | (04121105) | 316282.34 | 3902481.00 |
| 73.08156  | (04121105) |           |            |           |            |
| 316277.00 | 3902505.00 | 62.24309  | (04010321) | 316271.62 | 3902529.25 |
| 62.62032  | (04010321) |           |            |           |            |
| 316266.28 | 3902553.25 | 63.45821  | (04041406) | 316260.91 | 3902577.25 |
| 64.29014  | (04041406) |           |            |           |            |
| 316255.56 | 3902601.50 | 65.18543  | (04041406) | 316250.22 | 3902625.50 |
| 66.02488  | (04041406) |           |            |           |            |
| 316582.41 | 3901040.00 | 279.41510 | (04012306) | 316568.50 | 3901078.00 |
| 269.83856 | (04012306) |           |            |           |            |
| 316563.12 | 3901102.00 | 268.01511 | (04012306) | 316557.78 | 3901126.25 |
| 266.79501 | (04012306) |           |            |           |            |
| 316552.44 | 3901150.25 | 266.10016 | (04012306) | 316547.09 | 3901174.25 |
| 265.96442 | (04012306) |           |            |           |            |
| 316541.72 | 3901198.50 | 266.38351 | (04012306) | 316536.38 | 3901222.50 |
| 267.23114 | (04012306) |           |            |           |            |
| 316531.00 | 3901246.75 | 268.47495 | (04012306) | 316525.66 | 3901270.75 |
| 269.92847 | (04012306) |           |            |           |            |
| 316520.31 | 3901294.75 | 271.52252 | (04012306) | 316514.94 | 3901319.00 |
| 273.16302 | (04012306) |           |            |           |            |
| 316509.59 | 3901343.00 | 274.69687 | (04012306) | 316504.25 | 3901367.25 |
| 276.12228 | (04012306) |           |            |           |            |
| 316498.88 | 3901391.25 | 277.23026 | (04012306) | 316493.53 | 3901415.25 |
| 278.05713 | (04012306) |           |            |           |            |
| 316488.19 | 3901439.50 | 278.57587 | (04012306) | 316482.81 | 3901463.50 |
| 278.59933 | (04012306) |           |            |           |            |
| 316477.47 | 3901487.50 | 278.18799 | (04012306) | 316472.12 | 3901511.75 |
| 277.32074 | (04012306) |           |            |           |            |
| 316466.75 | 3901535.75 | 275.86679 | (04012306) | 316461.41 | 3901560.00 |
| 273.95609 | (04012306) |           |            |           |            |
| 316456.06 | 3901584.00 | 271.51709 | (04012306) | 316450.69 | 3901608.00 |
| 268.58350 | (04012306) |           |            |           |            |

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 \*\*MODELOPTs:

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CONC

DEFAULT ELEV

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

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M)<br>(YYMMDDHH) | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|---------------------------|-----------|------------|-------------|-------------|
| 261.63840 | 316445.34                 | 3901632.25                | 265.29816 | (04012306) | 316440.00   | 3901656.25  |
| 253.49026 | 316434.62                 | 3901680.25                | 257.65265 | (04012306) | 316429.28   | 3901704.50  |
| 244.58511 | 316423.94                 | 3901728.50                | 249.12018 | (04012306) | 316418.56   | 3901752.75  |
| 235.19452 | 316413.22                 | 3901776.75                | 239.94295 | (04012306) | 316407.88   | 3901800.75  |
| 225.36406 | 316402.50                 | 3901825.00                | 230.31882 | (04012306) | 316397.16   | 3901849.00  |

|           |            | 99.ADO    |            |           |            |
|-----------|------------|-----------|------------|-----------|------------|
| 316391.81 | 3901873.25 | 220.31735 | (04012306) | 316386.44 | 3901897.25 |
| 215.11717 | (04012306) |           |            |           |            |
| 316381.09 | 3901921.25 | 209.83755 | (04012306) | 316375.75 | 3901945.50 |
| 204.44827 | (04012306) |           |            |           |            |
| 316370.38 | 3901969.50 | 198.88756 | (04012306) | 316365.03 | 3901993.50 |
| 194.47299 | (04121105) |           |            |           |            |
| 316359.66 | 3902017.75 | 190.85193 | (04121105) | 316354.31 | 3902041.75 |
| 186.84703 | (04121105) |           |            |           |            |
| 316348.97 | 3902066.00 | 182.45226 | (04121105) | 316343.62 | 3902090.00 |
| 177.68538 | (04121105) |           |            |           |            |
| 316338.25 | 3902114.00 | 172.52271 | (04121105) | 316332.91 | 3902138.25 |
| 167.03717 | (04121105) |           |            |           |            |
| 316327.56 | 3902162.25 | 161.24210 | (04121105) | 316322.19 | 3902186.25 |
| 155.09656 | (04121105) |           |            |           |            |
| 316316.84 | 3902210.50 | 148.69122 | (04121105) | 316311.47 | 3902234.50 |
| 141.95325 | (04121105) |           |            |           |            |
| 316306.12 | 3902258.75 | 134.90318 | (04121105) | 316300.78 | 3902282.75 |
| 127.50094 | (04121105) |           |            |           |            |
| 316295.41 | 3902306.75 | 119.76517 | (04121105) | 316290.06 | 3902331.00 |
| 111.58783 | (04121105) |           |            |           |            |
| 316284.72 | 3902355.00 | 102.99935 | (04121105) | 316279.38 | 3902379.25 |
| 93.85925  | (04121105) |           |            |           |            |
| 316274.00 | 3902403.25 | 84.17038  | (04121105) | 316268.66 | 3902427.25 |
| 73.87373  | (04121105) |           |            |           |            |
| 316263.28 | 3902451.50 | 62.77812  | (04121105) | 316257.94 | 3902475.50 |
| 55.86297  | (04010321) |           |            |           |            |
| 316252.59 | 3902499.50 | 56.18404  | (04010321) | 316247.22 | 3902523.75 |
| 56.52621  | (04010321) |           |            |           |            |
| 316241.88 | 3902547.75 | 56.89767  | (04032202) | 316236.53 | 3902572.00 |
| 57.33096  | (04032202) |           |            |           |            |
| 316231.16 | 3902596.00 | 57.73468  | (04032202) | 316225.81 | 3902620.00 |
| 58.12680  | (04032202) |           |            |           |            |
| 316562.28 | 3901027.50 | 258.36719 | (04012306) | 316598.12 | 3900998.25 |
| 292.35339 | (04012306) |           |            |           |            |
| 316549.44 | 3901048.50 | 249.84229 | (04012306) | 316544.09 | 3901072.50 |
| 248.37541 | (04012306) |           |            |           |            |
| 316538.75 | 3901096.75 | 247.45627 | (04012306) | 316533.38 | 3901120.75 |
| 247.02148 | (04012306) |           |            |           |            |
| 316528.03 | 3901144.75 | 247.12152 | (04012306) | 316522.66 | 3901169.00 |
| 247.70750 | (04012306) |           |            |           |            |
| 316517.31 | 3901193.00 | 248.66092 | (04012306) | 316511.97 | 3901217.25 |
| 249.95210 | (04012306) |           |            |           |            |
| 316506.62 | 3901241.25 | 251.38223 | (04012306) | 316501.25 | 3901265.25 |
| 252.87086 | (04012306) |           |            |           |            |
| 316495.91 | 3901289.50 | 254.39801 | (04012306) | 316490.56 | 3901313.50 |
| 255.76602 | (04012306) |           |            |           |            |
| 316485.19 | 3901337.50 | 256.91959 | (04012306) | 316479.84 | 3901361.75 |
| 257.87756 | (04012306) |           |            |           |            |
| 316474.47 | 3901385.75 | 258.44818 | (04012306) | 316469.12 | 3901410.00 |
| 258.70688 | (04012306) |           |            |           |            |
| 316463.78 | 3901434.00 | 258.49918 | (04012306) | 316458.41 | 3901458.00 |
| 257.80844 | (04012306) |           |            |           |            |
| 316453.06 | 3901482.25 | 256.69220 | (04012306) | 316447.72 | 3901506.25 |
| 255.04773 | (04012306) |           |            |           |            |
| 316442.38 | 3901530.25 | 252.92212 | (04012306) | 316437.00 | 3901554.50 |
| 250.33157 | (04012306) |           |            |           |            |
| 316431.66 | 3901578.50 | 247.32904 | (04012306) | 316426.28 | 3901602.75 |
| 243.94748 | (04012306) |           |            |           |            |
| 316420.94 | 3901626.75 | 240.26761 | (04012306) | 316415.59 | 3901650.75 |
| 236.33379 | (04012306) |           |            |           |            |
| 316410.22 | 3901675.00 | 232.17410 | (04012306) | 316404.88 | 3901699.00 |
| 227.87155 | (04012306) |           |            |           |            |
| 316399.53 | 3901723.25 | 223.44078 | (04012306) | 316394.16 | 3901747.25 |
| 218.86386 | (04012306) |           |            |           |            |
| 316388.81 | 3901771.25 | 214.21439 | (04012306) | 316383.47 | 3901795.50 |
| 209.47379 | (04012306) |           |            |           |            |
| 316378.09 | 3901819.50 | 204.60699 | (04012306) | 316372.75 | 3901843.50 |
| 199.66972 | (04012306) |           |            |           |            |
| 316367.38 | 3901867.75 | 194.60371 | (04012306) | 316362.03 | 3901891.75 |
| 189.45955 | (04012306) |           |            |           |            |

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 \*\*MODELOPTS:  
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CONC DFAULT ELEV

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

## \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |                                    | IN MICROGRAMS/M**3 |            | **          |             |
|------------------|------------------------------------|--------------------|------------|-------------|-------------|
| CONC             | X-COORD (M)<br>(YYMMDDHH)          | CONC               | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
| 182.58980        | 316356.69 3901916.00<br>(04121105) | 185.25435          | (04121105) | 316351.34   | 3901940.00  |
| 176.08836        | 316345.97 3901964.00<br>(04121105) | 179.51726          | (04121105) | 316340.62   | 3901988.25  |
| 168.05777        | 316335.28 3902012.25<br>(04121105) | 172.27107          | (04121105) | 316329.91   | 3902036.50  |
| 158.60121        | 316324.56 3902060.50<br>(04121105) | 163.51089          | (04121105) | 316319.19   | 3902084.50  |
| 147.83893        | 316313.84 3902108.75<br>(04121105) | 153.37094          | (04121105) | 316308.50   | 3902132.75  |
| 135.86139        | 316303.12 3902156.75<br>(04121105) | 141.99403          | (04121105) | 316297.78   | 3902181.00  |
| 122.77797        | 316292.44 3902205.00<br>(04121105) | 129.45813          | (04121105) | 316287.09   | 3902229.25  |
| 108.43948        | 316281.72 3902253.25<br>(04121105) | 115.75471          | (04121105) | 316276.38   | 3902277.25  |
| 92.68117         | 316271.00 3902301.50<br>(04121105) | 100.71150          | (04121105) | 316265.66   | 3902325.50  |
| 75.27799         | 316260.31 3902349.50<br>(04121105) | 84.23974           | (04121105) | 316254.94   | 3902373.75  |
| 55.98094         | 316249.59 3902397.75<br>(04121105) | 65.90884           | (04121105) | 316244.25   | 3902422.00  |
| 51.43998         | 316238.88 3902446.00<br>(04010321) | 51.15365           | (04010321) | 316233.53   | 3902470.00  |
| 52.04956         | 316228.19 3902494.25<br>(04010321) | 51.74750           | (04010321) | 316222.81   | 3902518.25  |
| 52.81230         | 316217.47 3902542.50<br>(04032202) | 52.41032           | (04032202) | 316212.12   | 3902566.50  |
| 53.62423         | 316206.75 3902590.50<br>(04032202) | 53.21202           | (04032202) | 316201.41   | 3902614.75  |
| 270.30264        | 316536.47 3901024.50<br>(04012306) | 238.26384          | (04012306) | 316579.72   | 3900979.75  |
| 231.86490        | 316519.69 3901067.25<br>(04012306) | 232.03458          | (04012306) | 316514.34   | 3901091.25  |
| 232.87431        | 316508.97 3901115.25<br>(04012306) | 232.14420          | (04012306) | 316503.62   | 3901139.50  |
| 235.13995        | 316498.28 3901163.50<br>(04012306) | 233.90123          | (04012306) | 316492.91   | 3901187.50  |
| 237.96593        | 316487.56 3901211.75<br>(04012306) | 236.55687          | (04012306) | 316482.22   | 3901235.75  |
| 240.52661        | 316476.84 3901260.00<br>(04012306) | 239.33203          | (04012306) | 316471.50   | 3901284.00  |
| 242.22087        | 316466.12 3901308.00<br>(04012306) | 241.48788          | (04012306) | 316460.78   | 3901332.25  |
| 242.55714        | 316455.44 3901356.25<br>(04012306) | 242.58206          | (04012306) | 316450.09   | 3901380.25  |
| 241.21796        | 316444.72 3901404.50<br>(04012306) | 242.11908          | (04012306) | 316439.38   | 3901428.50  |
| 238.01691        | 316434.03 3901452.75<br>(04012306) | 239.87733          | (04012306) | 316428.66   | 3901476.75  |
| 233.01872        | 316423.31 3901500.75<br>(04012306) | 235.73361          | (04012306) | 316417.94   | 3901525.00  |
| 226.53310        | 316412.59 3901549.00<br>(04012306) | 229.93501          | (04012306) | 316407.25   | 3901573.25  |
| 218.91188        | 316401.88 3901597.25<br>(04012306) | 222.82101          | (04012306) | 316396.53   | 3901621.25  |
| 210.58801        | 316391.19 3901645.50<br>(04012306) | 214.82430          | (04012306) | 316385.84   | 3901669.50  |
| 201.74948        | 316380.47 3901693.50<br>(04012306) | 206.20706          | (04012306) | 316375.12   | 3901717.75  |
| 192.52998        | 316369.75 3901741.75<br>(04012306) | 197.17282          | (04012306) | 316364.41   | 3901766.00  |
| 182.95184        | 316359.06 3901790.00<br>(04012306) | 187.79832          | (04012306) | 316353.69   | 3901814.00  |
| 175.18286        | 316348.34 3901838.25<br>(04121105) | 178.03244          | (04012306) | 316343.00   | 3901862.25  |
| 170.43965        | 316337.62 3901886.50<br>(04121105) | 172.98570          | (04121105) | 316332.28   | 3901910.50  |
| 164.22931        | 316326.94 3901934.50<br>(04121105) | 167.52541          | (04121105) | 316321.56   | 3901958.75  |
| 156.59711        | 316316.22 3901982.75<br>(04121105) | 160.59163          | (04121105) | 316310.88   | 3902006.75  |
|                  | 316305.50 3902031.00               | 152.23244          | (04121105) | 316300.16   | 3902055.00  |

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147.56673 (04121105)
316294.81 3902079.25 142.57442 (04121105) 316289.44 3902103.25
137.27963 (04121105)
316284.09 3902127.25 131.76837 (04121105) 316278.75 3902151.50
125.89656 (04121105)
316273.38 3902175.50 119.76397 (04121105) 316268.03 3902199.50
113.39380 (04121105)
*** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 05/07/09 ***

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**MODELOPTs:

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PAGE 38

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CONC DFAULT ELEV

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

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PAREA1 ***

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INCLUDING SOURCE(S): PAREA1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF OTHER IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M)
CONC (YYMMDDHH)
-----
316262.66 3902223.75 106.68970 (04121105) 316257.31 3902247.75
99.76511 (04121105)
316251.97 3902272.00 92.49404 (04121105) 316246.62 3902296.00
84.94864 (04121105)
316241.25 3902320.00 77.05096 (04121105) 316235.91 3902344.25
68.76498 (04121105)
316230.56 3902368.25 60.17015 (04121105) 316225.19 3902392.50
52.26723 (04121205)
316219.84 3902416.50 49.30135 (04121205) 316214.47 3902440.50
47.62102 (04010321)
316209.12 3902464.75 47.90450 (04010321) 316203.78 3902488.75
48.18383 (04010321)
316198.41 3902512.75 48.46637 (04010321) 316193.06 3902537.00
48.79034 (04032202)
316187.72 3902561.00 49.16673 (04032202) 316182.38 3902585.25
49.56414 (04032202)
316177.00 3902609.25 49.95115 (04032202) 316274.62 3902656.00
97.97064 (04041406)
316298.97 3902656.00 123.38960 (04041406) 316323.34 3902656.00
127.12280 (04041406)
316347.69 3902656.00 127.75105 (04041406) 316372.03 3902656.00
127.79530 (04041406)
316396.41 3902656.00 127.67542 (04041406) 316420.75 3902656.00
127.49648 (04041406)
316445.12 3902656.00 127.28020 (04041406) 316469.47 3902656.00
127.06258 (04041406)
316493.81 3902656.00 126.83053 (04041406) 316518.19 3902656.00
126.57602 (04041406)
316542.53 3902656.00 126.27902 (04041406) 316566.88 3902656.00
125.90681 (04041406)
316591.25 3902656.00 125.39371 (04041406) 316615.59 3902656.00
124.63332 (04041406)
316639.97 3902656.00 123.46008 (04041406) 316664.31 3902656.00
121.66196 (04041406)
316688.66 3902656.00 119.00179 (04041406) 316713.03 3902656.00
115.26216 (04041406)
316737.38 3902656.00 110.31844 (04041406) 316761.75 3902656.00
104.11111 (04041406)
316786.09 3902656.00 96.64059 (04041406) 316810.44 3902656.00
87.80892 (04041406)
316834.81 3902656.00 77.29499 (04041406) 316859.16 3902656.00
64.96339 (04081103)
316883.50 3902656.00 57.28741 (04081103) 316907.88 3902656.00
54.55122 (04062204)
316255.12 3902671.50 79.77184 (04041406) 316298.97 3902681.00
114.99184 (04041406)
316323.34 3902681.00 117.45414 (04041406) 316347.69 3902681.00
117.95110 (04041406)
316372.03 3902681.00 118.01833 (04041406) 316396.41 3902681.00
118.09545 (04041406)
316420.75 3902681.00 117.83629 (04041406) 316445.12 3902681.00
117.69875 (04041406)
316469.47 3902681.00 117.54552 (04041406) 316493.81 3902681.00
117.37167 (04041406)

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|           |            |           |            |           |            |
|-----------|------------|-----------|------------|-----------|------------|
|           |            |           | 99.ADO     |           |            |
| 316518.19 | 3902681.00 | 117.16467 | (04041406) | 316542.53 | 3902681.00 |
| 116.90088 | (04041406) |           |            |           |            |
| 316566.88 | 3902681.00 | 116.53487 | (04041406) | 316591.25 | 3902681.00 |
| 115.98857 | (04041406) |           |            |           |            |
| 316615.59 | 3902681.00 | 115.13769 | (04041406) | 316639.97 | 3902681.00 |
| 113.80487 | (04041406) |           |            |           |            |
| 316664.31 | 3902681.00 | 111.78384 | (04041406) | 316688.66 | 3902681.00 |
| 108.85542 | (04041406) |           |            |           |            |
| 316713.03 | 3902681.00 | 104.84975 | (04041406) | 316737.38 | 3902681.00 |
| 99.68346  | (04041406) |           |            |           |            |
| 316761.75 | 3902681.00 | 93.32484  | (04041406) | 316786.09 | 3902681.00 |
| 85.77914  | (04041406) |           |            |           |            |
| 316810.44 | 3902681.00 | 76.93386  | (04041406) | 316834.81 | 3902681.00 |
| 66.45146  | (04041406) |           |            |           |            |
| 316859.16 | 3902681.00 | 59.50424  | (04081103) | 316883.50 | 3902681.00 |
| 52.21307  | (04062204) |           |            |           |            |
| 316907.88 | 3902681.00 | 50.98773  | (04062204) | 316255.12 | 3902696.50 |
| 85.09850  | (04041406) |           |            |           |            |
| 316211.22 | 3902656.75 | 57.46228  | (04032202) | 316298.97 | 3902706.00 |
| 109.18526 | (04041406) |           |            |           |            |
| 316323.34 | 3902706.00 | 110.87221 | (04041406) | 316347.69 | 3902706.00 |
| 111.24095 | (04041406) |           |            |           |            |
| 316372.03 | 3902706.00 | 111.28919 | (04041406) | 316396.41 | 3902706.00 |
| 111.23223 | (04041406) |           |            |           |            |
| 316420.75 | 3902706.00 | 111.09470 | (04041406) | 316445.12 | 3902706.00 |
| 110.98066 | (04041406) |           |            |           |            |

\*\*\* AERMOD - VERSION 07026 \*\*\*      \*\*\* C:\Lakes\BFD\BFD.isc \*\*\*  
 \*\*\* 05/07/09 \*\*\*

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 \*\*MODELOPTs:

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 CONC                      DFAULT ELEV

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) |            | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-------------|------------|-------------|------------|------------|-------------|-------------|
| CONC        | (YYMMDDHH) |             |            |            |             |             |
| 316469.47   | 3902706.00 | 110.84824   | (04041406) | 316493.81  | 3902706.00  |             |
| 110.68977   | (04041406) |             |            |            |             |             |
| 316518.19   | 3902706.00 | 110.48780   | (04041406) | 316542.53  | 3902706.00  |             |
| 110.21111   | (04041406) |             |            |            |             |             |
| 316566.88   | 3902706.00 | 109.80386   | (04041406) | 316591.25  | 3902706.00  |             |
| 109.17107   | (04041406) |             |            |            |             |             |
| 316615.59   | 3902706.00 | 108.17640   | (04041406) | 316639.97  | 3902706.00  |             |
| 106.63786   | (04041406) |             |            |            |             |             |
| 316664.31   | 3902706.00 | 104.35646   | (04041406) | 316688.66  | 3902706.00  |             |
| 101.14471   | (04041406) |             |            |            |             |             |
| 316713.03   | 3902706.00 | 96.87039    | (04041406) | 316737.38  | 3902706.00  |             |
| 91.48800    | (04041406) |             |            |            |             |             |
| 316761.75   | 3902706.00 | 84.98518    | (04041406) | 316786.09  | 3902706.00  |             |
| 77.36510    | (04041406) |             |            |            |             |             |
| 316810.44   | 3902706.00 | 68.50077    | (04041406) | 316834.81  | 3902706.00  |             |
| 58.93132    | (04081103) |             |            |            |             |             |
| 316859.16   | 3902706.00 | 55.47123    | (04081103) | 316883.50  | 3902706.00  |             |
| 48.78966    | (04062204) |             |            |            |             |             |
| 316907.88   | 3902706.00 | 48.17121    | (04062204) | 316255.12  | 3902721.50  |             |
| 88.36817    | (04041406) |             |            |            |             |             |
| 316216.12   | 3902702.75 | 59.57632    | (04010321) | 316191.72  | 3902672.50  |             |
| 54.99500    | (04032202) |             |            |            |             |             |
| 316298.97   | 3902731.00 | 104.46110   | (04041406) | 316323.34  | 3902731.00  |             |
| 105.66029   | (04041406) |             |            |            |             |             |
| 316347.69   | 3902731.00 | 105.94237   | (04041406) | 316372.03  | 3902731.00  |             |
| 105.97783   | (04041406) |             |            |            |             |             |
| 316396.41   | 3902731.00 | 105.91090   | (04041406) | 316420.75  | 3902731.00  |             |
| 105.82883   | (04041406) |             |            |            |             |             |
| 316445.12   | 3902731.00 | 105.72388   | (04041406) | 316469.47  | 3902731.00  |             |
| 105.59811   | (04041406) |             |            |            |             |             |
| 316493.81   | 3902731.00 | 105.43865   | (04041406) | 316518.19  | 3902731.00  |             |
| 105.22305   | (04041406) |             |            |            |             |             |
| 316542.53   | 3902731.00 | 104.91150   | (04041406) | 316566.88  | 3902731.00  |             |
| 104.43530   | (04041406) |             |            |            |             |             |
| 316591.25   | 3902731.00 | 103.68659   | (04041406) | 316615.59  | 3902731.00  |             |



## 99.ADO

|                                |                          |           |            |  |  |
|--------------------------------|--------------------------|-----------|------------|--|--|
| 102.51825 (04041406)           |                          |           |            |  |  |
| 316639.97 3902731.00           | 100.74988 (04041406)     | 316664.31 | 3902731.00 |  |  |
| 98.19787 (04041406)            |                          |           |            |  |  |
| 316688.66 3902731.00           | 94.70870 (04041406)      | 316713.03 | 3902731.00 |  |  |
| 90.18380 (04041406)            |                          |           |            |  |  |
| 316737.38 3902731.00           | 84.60948 (04041406)      | 316761.75 | 3902731.00 |  |  |
| 77.98208 (04041406)            |                          |           |            |  |  |
| 316786.09 3902731.00           | 70.29959 (04041406)      | 316810.44 | 3902731.00 |  |  |
| 61.43186 (04041406)            |                          |           |            |  |  |
| 316834.81 3902731.00           | 55.82729 (04081103)      | 316859.16 | 3902731.00 |  |  |
| 52.22308 (04081103)            |                          |           |            |  |  |
| 316883.50 3902731.00           | 46.07129 (04062204)      | 316907.88 | 3902731.00 |  |  |
| 45.82345 (04062204)            |                          |           |            |  |  |
| 316932.88 3902631.25           | 45.32471 (04112806)      | 316933.28 | 3902607.00 |  |  |
| 45.13864 (04120607)            |                          |           |            |  |  |
| 316933.66 3902582.50           | 49.60375 (04022707)      | 316934.09 | 3902558.25 |  |  |
| 54.65732 (04022707)            |                          |           |            |  |  |
| 316934.47 3902533.75           | 56.47491 (04022707)      | 316934.88 | 3902509.50 |  |  |
| 56.93440 (04022707)            |                          |           |            |  |  |
| 316935.28 3902485.25           | 56.89745 (04022707)      | 316935.69 | 3902460.75 |  |  |
| 56.70130 (04022707)            |                          |           |            |  |  |
| 316936.09 3902436.50           | 56.54843 (04010103)      | 316936.50 | 3902412.00 |  |  |
| 57.46663 (04010103)            |                          |           |            |  |  |
| 316936.91 3902387.75           | 58.36029 (04012123)      | 316937.31 | 3902363.25 |  |  |
| 58.87170 (04012123)            |                          |           |            |  |  |
| 316937.69 3902339.00           | 58.98985 (04012123)      | 316938.09 | 3902314.50 |  |  |
| 58.94579 (04012123)            |                          |           |            |  |  |
| 316938.50 3902290.25           | 59.04660 (04121223)      | 316938.91 | 3902265.75 |  |  |
| 60.31463 (04041406)            |                          |           |            |  |  |
| 316939.31 3902241.50           | 63.20913 (04041406)      | 316939.72 | 3902217.00 |  |  |
| 66.43021 (04041406)            |                          |           |            |  |  |
| 316940.12 3902192.75           | 69.97970 (04041406)      | 316950.41 | 3902649.25 |  |  |
| 40.17537 (04112806)            |                          |           |            |  |  |
| 316958.28 3902607.50           | 39.68717 (04012320)      | 316958.66 | 3902583.00 |  |  |
| 42.35679 (04022707)            |                          |           |            |  |  |
| 316959.06 3902558.75           | 47.81231 (04022707)      | 316959.47 | 3902534.25 |  |  |
| 49.85068 (04022707)            |                          |           |            |  |  |
| 316959.88 3902510.00           | 50.43055 (04022707)      | 316960.28 | 3902485.50 |  |  |
| 50.45302 (04022707)            |                          |           |            |  |  |
| 316960.69 3902461.25           | 50.28407 (04022707)      | 316961.09 | 3902436.75 |  |  |
| 50.05834 (04022707)            |                          |           |            |  |  |
| 316961.50 3902412.50           | 50.62509 (04010103)      | 316961.88 | 3902388.00 |  |  |
| 51.43058 (04012123)            |                          |           |            |  |  |
| 316962.31 3902363.75           | 52.12461 (04012123)      | 316962.69 | 3902339.25 |  |  |
| 52.37798 (04012123)            |                          |           |            |  |  |
| *** AERMOD - VERSION 07026 *** | *** C:\Lakes\BFD\BFD.isc |           |            |  |  |
| *** 05/07/09                   | ***                      |           |            |  |  |

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\*\*MODELOPTs:

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CONC

DEFAULT ELEV

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

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC     | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|----------|---------------------------|-------------|----------|------------|-------------|-------------|
| 55.71075 | 316963.09                 | 3902315.00  | 53.29361 | (04041406) | 316963.50   | 3902290.50  |
| 61.23077 | 316963.91                 | 3902266.25  | 58.32579 | (04041406) | 316964.31   | 3902241.75  |
| 68.01177 | 316964.72                 | 3902217.50  | 64.41413 | (04041406) | 316965.12   | 3902193.00  |
| 35.27387 | 316965.53                 | 3902168.75  | 72.05299 | (04041406) | 316975.38   | 3902649.50  |
| 36.12776 | 316942.94                 | 3902691.50  | 42.18849 | (04112806) | 316983.25   | 3902607.75  |
| 43.11820 | 316983.66                 | 3902583.50  | 37.76562 | (04012820) | 316984.06   | 3902559.00  |
| 46.06125 | 316984.47                 | 3902534.75  | 45.35143 | (04022707) | 316984.88   | 3902510.25  |
| 45.99830 | 316985.28                 | 3902486.00  | 46.14163 | (04022707) | 316985.69   | 3902461.50  |

|                     |            | 99.ADO   |            |                      |
|---------------------|------------|----------|------------|----------------------|
| 316986.09           | 3902437.25 | 45.78782 | (04022707) | 316986.50 3902412.75 |
| 45.92739 (04010103) |            |          |            |                      |
| 316986.88           | 3902388.50 | 46.62224 | (04010103) | 316987.28 3902364.00 |
| 47.45559 (04012123) |            |          |            |                      |
| 316987.69           | 3902339.75 | 49.33881 | (04041406) | 316988.09 3902315.25 |
| 51.46505 (04041406) |            |          |            |                      |
| 316988.50           | 3902291.00 | 53.77018 | (04041406) | 316988.91 3902266.50 |
| 56.33428 (04041406) |            |          |            |                      |
| 316989.31           | 3902242.25 | 59.14162 | (04041406) | 316989.72 3902217.75 |
| 62.30325 (04041406) |            |          |            |                      |
| 316990.12           | 3902193.50 | 65.82521 | (04041406) | 316990.53 3902169.25 |
| 69.84061 (04041406) |            |          |            |                      |
| 317000.38           | 3902650.00 | 33.48566 | (04120607) | 316985.47 3902684.75 |
| 33.93723 (04073002) |            |          |            |                      |
| 316960.47           | 3902709.50 | 38.15109 | (04112806) | 317008.25 3902608.25 |
| 33.45804 (04012320) |            |          |            |                      |
| 317008.66           | 3902583.75 | 34.41467 | (04012820) | 317009.06 3902559.50 |
| 39.43138 (04022707) |            |          |            |                      |
| 317009.47           | 3902535.00 | 41.91320 | (04022707) | 317009.88 3902510.75 |
| 42.73960 (04022707) |            |          |            |                      |
| 317010.28           | 3902486.25 | 42.88510 | (04022707) | 317010.69 3902462.00 |
| 42.77114 (04022707) |            |          |            |                      |
| 317011.09           | 3902437.50 | 42.57254 | (04022707) | 317011.47 3902413.25 |
| 42.68653 (04041406) |            |          |            |                      |
| 317011.88           | 3902389.00 | 44.24453 | (04041406) | 317012.28 3902364.50 |
| 45.94106 (04041406) |            |          |            |                      |
| 317012.69           | 3902340.25 | 47.76335 | (04041406) | 317013.09 3902315.75 |
| 49.77635 (04041406) |            |          |            |                      |
| 317013.50           | 3902291.50 | 51.96651 | (04041406) | 317013.91 3902267.00 |
| 54.41393 (04041406) |            |          |            |                      |
| 317014.31           | 3902242.75 | 57.11094 | (04041406) | 317014.72 3902218.25 |
| 60.16745 (04041406) |            |          |            |                      |
| 317015.12           | 3902194.00 | 63.59480 | (04041406) | 317015.50 3902169.50 |
| 67.57442 (04041406) |            |          |            |                      |

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 \*\*MODELOPTs:

PAGE 41  
 CONC DFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREAl \*\*\*  
 INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

|                     |             | ** CONC OF OTHER | IN MICROGRAMS/M**3 |             |             |
|---------------------|-------------|------------------|--------------------|-------------|-------------|
| X-COORD (M)         | Y-COORD (M) | CONC             | (YYMMDDHH)         | X-COORD (M) | Y-COORD (M) |
| CONC                | (YYMMDDHH)  |                  |                    |             |             |
| -----               |             |                  |                    |             |             |
| -----               |             |                  |                    |             |             |
| 316941.44           | 3902071.00  | 46.32208         | (04081403)         | 316965.31   | 3902071.00  |
| 42.70187 (04081403) |             |                  |                    |             |             |
| 316989.19           | 3902071.00  | 40.15987         | (04081403)         | 317013.09   | 3902071.00  |
| 38.17260 (04081403) |             |                  |                    |             |             |
| 317036.97           | 3902071.00  | 36.62353         | (04101503)         | 317060.84   | 3902071.00  |
| 36.21273 (04101503) |             |                  |                    |             |             |
| 317084.75           | 3902071.00  | 35.74796         | (04101503)         | 317108.62   | 3902071.00  |
| 35.27063 (04101503) |             |                  |                    |             |             |
| 317132.50           | 3902071.00  | 34.82264         | (04101503)         | 317156.38   | 3902071.00  |
| 34.43936 (04101503) |             |                  |                    |             |             |
| 317180.28           | 3902071.00  | 34.13704         | (04101503)         | 317204.16   | 3902071.00  |
| 33.92458 (04101503) |             |                  |                    |             |             |
| 317228.06           | 3902071.00  | 33.69976         | (04101503)         | 317251.94   | 3902071.00  |
| 33.18129 (04101503) |             |                  |                    |             |             |
| 317275.81           | 3902071.00  | 31.83488         | (04101503)         | 317299.69   | 3902071.00  |
| 28.74432 (04101503) |             |                  |                    |             |             |
| 317323.59           | 3902071.00  | 23.87472         | (04010218)         | 316941.44   | 3902096.00  |
| 44.45078 (04051024) |             |                  |                    |             |             |
| 316965.31           | 3902096.00  | 40.19956         | (04081403)         | 316989.19   | 3902096.00  |
| 37.60886 (04081403) |             |                  |                    |             |             |
| 317013.09           | 3902096.00  | 35.55983         | (04081403)         | 317036.97   | 3902096.00  |
| 33.84834 (04081403) |             |                  |                    |             |             |
| 317060.84           | 3902096.00  | 32.36752         | (04081403)         | 317084.75   | 3902096.00  |
| 31.81925 (04101503) |             |                  |                    |             |             |
| 317108.62           | 3902096.00  | 31.36756         | (04101503)         | 317132.50   | 3902096.00  |
| 30.95320 (04101503) |             |                  |                    |             |             |
| 317156.38           | 3902096.00  | 30.61380         | (04101503)         | 317180.28   | 3902096.00  |

|                                |                          |           |            |  |  |
|--------------------------------|--------------------------|-----------|------------|--|--|
| 30.36452 (04101503)            |                          |           |            |  |  |
| 317204.16 3902096.00           | 30.15344 (04101503)      | 317228.06 | 3902096.00 |  |  |
| 29.85856 (04101503)            |                          |           |            |  |  |
| 317251.94 3902096.00           | 29.15825 (04101503)      | 317275.81 | 3902096.00 |  |  |
| 27.56921 (04101503)            |                          |           |            |  |  |
| 317299.69 3902096.00           | 24.61509 (04101503)      | 317323.59 | 3902096.00 |  |  |
| 21.90815 (04101503)            |                          |           |            |  |  |
| 316941.44 3902121.00           | 43.30476 (04051024)      | 316965.31 | 3902121.00 |  |  |
| 38.33023 (04081403)            |                          |           |            |  |  |
| 316989.19 3902121.00           | 35.74623 (04081403)      | 317013.09 | 3902121.00 |  |  |
| 33.69519 (04081403)            |                          |           |            |  |  |
| 317036.97 3902121.00           | 31.97495 (04081403)      | 317060.84 | 3902121.00 |  |  |
| 30.47867 (04081403)            |                          |           |            |  |  |
| 317084.75 3902121.00           | 29.22575 (04101503)      | 317108.62 | 3902121.00 |  |  |
| 28.80194 (04101503)            |                          |           |            |  |  |
| 317132.50 3902121.00           | 28.42609 (04101503)      | 317156.38 | 3902121.00 |  |  |
| 28.11909 (04101503)            |                          |           |            |  |  |
| 317180.28 3902121.00           | 27.87808 (04101503)      | 317204.16 | 3902121.00 |  |  |
| 27.65053 (04101503)            |                          |           |            |  |  |
| 317228.06 3902121.00           | 27.25892 (04101503)      | 317251.94 | 3902121.00 |  |  |
| 26.38139 (04101503)            |                          |           |            |  |  |
| 317275.81 3902121.00           | 24.63046 (04101503)      | 317299.69 | 3902121.00 |  |  |
| 22.23282 (04101503)            |                          |           |            |  |  |
| 317323.59 3902121.00           | 20.62579 (04101503)      | 316941.44 | 3902146.00 |  |  |
| 42.14554 (04051024)            |                          |           |            |  |  |
| 316965.31 3902146.00           | 36.76633 (04081403)      | 316989.19 | 3902146.00 |  |  |
| 34.19035 (04081403)            |                          |           |            |  |  |
| 317013.09 3902146.00           | 32.14394 (04081403)      | 317036.97 | 3902146.00 |  |  |
| 30.42530 (04081403)            |                          |           |            |  |  |
| 317060.84 3902146.00           | 28.92800 (04081403)      | 317084.75 | 3902146.00 |  |  |
| 27.58670 (04081403)            |                          |           |            |  |  |
| 317108.62 3902146.00           | 26.84836 (04101503)      | 317132.50 | 3902146.00 |  |  |
| 26.50636 (04101503)            |                          |           |            |  |  |
| 317156.38 3902146.00           | 26.23084 (04101503)      | 317180.28 | 3902146.00 |  |  |
| 26.00158 (04101503)            |                          |           |            |  |  |
| 317204.16 3902146.00           | 25.73416 (04101503)      | 317228.06 | 3902146.00 |  |  |
| 25.22770 (04101503)            |                          |           |            |  |  |
| 317251.94 3902146.00           | 24.18550 (04101503)      | 317275.81 | 3902146.00 |  |  |
| 22.43260 (04101503)            |                          |           |            |  |  |
| 317299.69 3902146.00           | 20.64199 (04101503)      | 317323.59 | 3902146.00 |  |  |
| 19.59668 (04101503)            |                          |           |            |  |  |
| 317348.53 3902047.75           | 25.83240 (04010218)      | 317350.34 | 3902023.00 |  |  |
| 27.31859 (04082303)            |                          |           |            |  |  |
| 317352.16 3901998.25           | 31.15900 (04082303)      | 317353.97 | 3901973.50 |  |  |
| 33.92426 (04082303)            |                          |           |            |  |  |
| 317355.78 3901948.75           | 36.05410 (04082303)      | 317357.59 | 3901924.00 |  |  |
| 37.75821 (04082303)            |                          |           |            |  |  |
| 317359.41 3901899.25           | 39.13694 (04082303)      | 317361.22 | 3901874.50 |  |  |
| 40.27607 (04082303)            |                          |           |            |  |  |
| 317365.53 3902066.25           | 22.97024 (04010218)      | 317375.28 | 3902025.00 |  |  |
| 23.61385 (04082303)            |                          |           |            |  |  |
| 317377.09 3902000.25           | 26.11344 (04082303)      | 317378.91 | 3901975.25 |  |  |
| 28.65893 (04082303)            |                          |           |            |  |  |
| *** AERMOD - VERSION 07026 *** | *** C:\Lakes\BFD\BFD.isc |           |            |  |  |
| *** 05/07/09                   | ***                      |           |            |  |  |
| *** 12:32:17                   |                          |           |            |  |  |

\*\*MODELOPTs:

PAGE 42

CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-------------|-------------|----------|------------|-------------|-------------|
| 317380.72   | 3901950.50  | 30.75577 | (04082303) | 317382.53   | 3901925.75  |
| 32.52094    | (04082303)  |          |            |             |             |
| 317384.34   | 3901901.00  | 34.02076 | (04082303) | 317386.16   | 3901876.25  |
| 35.54013    | (04082303)  |          |            |             |             |
| 317390.47   | 3902068.00  | 21.24760 | (04010218) | 317357.62   | 3902107.75  |
| 19.44608    | (04010218)  |          |            |             |             |
| 317400.19   | 3902026.75  | 21.70567 | (04082303) | 317402.03   | 3902002.00  |
| 23.14993    | (04082303)  |          |            |             |             |

|           |            | 99.ADO   |            |           |            |
|-----------|------------|----------|------------|-----------|------------|
| 317403.84 | 3901977.25 | 25.16294 | (04082303) | 317405.62 | 3901952.50 |
| 27.11186  | (04082303) |          |            |           |            |
| 317407.47 | 3901927.75 | 28.82757 | (04082303) | 317409.28 | 3901902.75 |
| 30.39536  | (04082303) |          |            |           |            |
| 317411.09 | 3901878.00 | 32.25257 | (04082303) | 317412.78 | 3902075.25 |
| 19.86961  | (04010218) |          |            |           |            |
| 317402.22 | 3902097.25 | 19.53738 | (04010218) | 317368.97 | 3902128.25 |
| 17.85362  | (04010218) |          |            |           |            |
| 317346.28 | 3902137.00 | 18.70979 | (04101503) | 317423.31 | 3902053.25 |
| 19.61448  | (04010218) |          |            |           |            |
| 317425.12 | 3902028.50 | 20.37518 | (04082303) | 317426.94 | 3902003.75 |
| 21.24155  | (04082303) |          |            |           |            |
| 317428.75 | 3901979.00 | 22.67200 | (04082303) | 317430.59 | 3901954.25 |
| 24.36997  | (04082303) |          |            |           |            |
| 317432.38 | 3901929.50 | 26.01769 | (04082303) | 317434.22 | 3901904.75 |
| 27.62723  | (04082303) |          |            |           |            |
| 317436.03 | 3901880.00 | 29.70213 | (04082303) | 317458.94 | 3901872.75 |
| 28.96019  | (04082303) |          |            |           |            |
| 317483.12 | 3901872.75 | 27.53369 | (04082303) | 317507.28 | 3901872.75 |
| 26.33784  | (04082303) |          |            |           |            |
| 317531.47 | 3901872.75 | 25.47897 | (04010218) | 317555.62 | 3901872.75 |
| 25.55088  | (04010218) |          |            |           |            |
| 317579.78 | 3901872.75 | 25.60900 | (04010218) | 317603.97 | 3901872.75 |
| 25.67461  | (04010218) |          |            |           |            |
| 317628.12 | 3901872.75 | 25.70762 | (04010218) | 317652.31 | 3901872.75 |
| 25.72136  | (04010218) |          |            |           |            |
| 317676.47 | 3901872.75 | 25.71621 | (04010218) | 317700.62 | 3901872.75 |
| 25.69068  | (04010218) |          |            |           |            |
| 317724.81 | 3901872.75 | 25.65994 | (04010218) | 317748.97 | 3901872.75 |
| 25.52201  | (04010218) |          |            |           |            |
| 317458.94 | 3901897.75 | 26.20306 | (04082303) | 317483.12 | 3901897.75 |
| 24.65069  | (04082303) |          |            |           |            |
| 317507.28 | 3901897.75 | 23.37271 | (04082303) | 317531.47 | 3901897.75 |
| 22.30466  | (04082303) |          |            |           |            |
| 317555.62 | 3901897.75 | 22.27552 | (04010218) | 317579.78 | 3901897.75 |
| 22.37103  | (04010218) |          |            |           |            |
| 317603.97 | 3901897.75 | 22.45939 | (04010218) | 317628.12 | 3901897.75 |
| 22.53435  | (04010218) |          |            |           |            |
| 317652.31 | 3901897.75 | 22.59570 | (04010218) | 317676.47 | 3901897.75 |
| 22.64004  | (04010218) |          |            |           |            |
| 317700.62 | 3901897.75 | 22.66605 | (04010218) | 317724.81 | 3901897.75 |
| 22.67572  | (04010218) |          |            |           |            |
| 317748.97 | 3901897.75 | 22.64549 | (04010218) | 317458.94 | 3901922.75 |
| 24.26830  | (04082303) |          |            |           |            |
| 317483.12 | 3901922.75 | 22.64332 | (04082303) | 317507.28 | 3901922.75 |
| 21.32391  | (04082303) |          |            |           |            |
| 317531.47 | 3901922.75 | 20.25387 | (04082303) | 317555.62 | 3901922.75 |
| 20.12056  | (04010218) |          |            |           |            |
| 317579.78 | 3901922.75 | 20.20919 | (04010218) | 317603.97 | 3901922.75 |
| 20.28972  | (04010218) |          |            |           |            |
| 317628.12 | 3901922.75 | 20.37929 | (04010218) | 317652.31 | 3901922.75 |
| 20.45996  | (04010218) |          |            |           |            |
| 317676.47 | 3901922.75 | 20.52872 | (04010218) | 317700.62 | 3901922.75 |
| 20.58177  | (04010218) |          |            |           |            |
| 317724.81 | 3901922.75 | 20.61806 | (04010218) | 317748.97 | 3901922.75 |
| 20.63618  | (04010218) |          |            |           |            |
| 317458.94 | 3901947.75 | 22.53851 | (04082303) | 317483.12 | 3901947.75 |
| 20.99195  | (04082303) |          |            |           |            |
| 317507.28 | 3901947.75 | 19.76679 | (04082303) | 317531.47 | 3901947.75 |
| 18.79733  | (04082303) |          |            |           |            |
| 317555.62 | 3901947.75 | 18.55178 | (04010218) | 317579.78 | 3901947.75 |
| 18.59602  | (04010218) |          |            |           |            |
| 317603.97 | 3901947.75 | 18.66529 | (04010218) | 317628.12 | 3901947.75 |
| 18.74045  | (04010218) |          |            |           |            |
| 317652.31 | 3901947.75 | 18.82246 | (04010218) | 317676.47 | 3901947.75 |
| 18.89931  | (04010218) |          |            |           |            |
| 317700.62 | 3901947.75 | 18.96612 | (04010218) | 317724.81 | 3901947.75 |
| 19.02202  | (04010218) |          |            |           |            |
| 317748.97 | 3901947.75 | 19.06326 | (04010218) | 317773.97 | 3901847.75 |
| 26.26384  | (04010218) |          |            |           |            |
| 317773.97 | 3901823.25 | 26.96518 | (04082303) | 317773.97 | 3901799.00 |
| 31.24524  | (04082303) |          |            |           |            |

\*\*\* AERMOD - VERSION 07026 \*\*\*  
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\*\*\* 12:32:17  
 \*\*MODELOPTs:

PAGE 43

CONC

DEFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

|           |                           | ** CONC OF OTHER          | IN MICROGRAMS/M**3 |            |                            |
|-----------|---------------------------|---------------------------|--------------------|------------|----------------------------|
| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M)<br>(YYMMDDHH) | CONC               | (YYMMDDHH) | X-COORD (M)<br>Y-COORD (M) |
| 38.10874  | 317773.97                 | 3901774.50                | 34.99506           | (04082303) | 317773.97 3901750.00       |
| 42.88292  | 317773.97                 | 3901725.50                | 40.69302           | (04082303) | 317773.97 3901701.00       |
| 46.10011c | 317773.97                 | 3901676.50                | 44.65192           | (04082303) | 317773.97 3901652.00       |
| 50.49260c | 317773.97                 | 3901627.50                | 48.60108c          | (04091903) | 317773.97 3901603.00       |
| 52.71187c | 317773.97                 | 3901578.75                | 51.81760c          | (04091903) | 317773.97 3901554.25       |
| 53.64897c | 317773.97                 | 3901529.75                | 53.28535c          | (04091903) | 317773.97 3901505.25       |
| 55.47224c | 317773.97                 | 3901480.75                | 53.90217c          | (04032821) | 317773.97 3901456.25       |
| 24.24801  | 317791.66                 | 3901865.50                | 23.91825           | (04010218) | 317798.97 3901823.25       |
| 30.12825  | 317798.97                 | 3901799.00                | 26.94285           | (04082303) | 317798.97 3901774.50       |
| 35.52606  | 317798.97                 | 3901750.00                | 33.00648           | (04082303) | 317798.97 3901725.50       |
| 39.45360  | 317798.97                 | 3901701.00                | 37.68053           | (04082303) | 317798.97 3901676.50       |
| 43.19905c | 317798.97                 | 3901652.00                | 40.82953           | (04082303) | 317798.97 3901627.50       |
| 46.82800c | 317798.97                 | 3901603.00                | 45.29791c          | (04091903) | 317798.97 3901578.75       |
| 48.58360c | 317798.97                 | 3901554.25                | 47.89318c          | (04091903) | 317798.97 3901529.75       |
| 49.26543c | 317798.97                 | 3901505.25                | 49.01030c          | (04091903) | 317798.97 3901480.75       |
| 22.04803  | 317798.97                 | 3901456.25                | 49.42417c          | (04032821) | 317816.66 3901865.50       |
| 22.60925  | 317784.34                 | 3901908.25                | 21.50305           | (04010218) | 317823.97 3901823.25       |
| 26.84181  | 317823.97                 | 3901799.00                | 24.32671           | (04082303) | 317823.97 3901774.50       |
| 31.80340  | 317823.97                 | 3901750.00                | 29.43640           | (04082303) | 317823.97 3901725.50       |
| 35.65014  | 317823.97                 | 3901701.00                | 33.88968           | (04082303) | 317823.97 3901676.50       |
| 39.05368c | 317823.97                 | 3901652.00                | 37.04472           | (04082303) | 317823.97 3901627.50       |
| 43.07161c | 317823.97                 | 3901603.00                | 41.32094c          | (04091903) | 317823.97 3901578.75       |
| 45.19883c | 317823.97                 | 3901554.25                | 44.34281c          | (04091903) | 317823.97 3901529.75       |
| 46.07030c | 317823.97                 | 3901505.25                | 45.74291c          | (04091903) | 317823.97 3901480.75       |
| 20.39692  | 317823.97                 | 3901456.25                | 46.25181c          | (04091903) | 317841.66 3901865.50       |
| 20.16980  | 317827.00                 | 3901900.75                | 20.71264           | (04010218) | 317802.00 3901925.75       |
| 22.52055  | 317848.97                 | 3901823.25                | 21.35358           | (04082303) | 317848.97 3901799.00       |
| 26.65347  | 317848.97                 | 3901774.50                | 24.39730           | (04082303) | 317848.97 3901750.00       |
| 30.82999  | 317848.97                 | 3901725.50                | 28.84773           | (04082303) | 317848.97 3901701.00       |
| 33.93043  | 317848.97                 | 3901676.50                | 32.54225           | (04082303) | 317848.97 3901652.00       |
| 37.90699c | 317848.97                 | 3901627.50                | 35.43727c          | (04091903) | 317848.97 3901603.00       |
| 41.35104c | 317848.97                 | 3901578.75                | 39.86413c          | (04091903) | 317848.97 3901554.25       |
| 43.08854c | 317848.97                 | 3901529.75                | 42.39685c          | (04091903) | 317848.97 3901505.25       |
| 43.77052c | 317848.97                 | 3901480.75                | 43.51883c          | (04091903) | 317848.97 3901456.25       |
| 57.76410c | 317749.88                 | 3901431.25                | 57.70930c          | (04032821) | 317725.69 3901430.50       |
|           | 317701.53                 | 3901429.50                | 57.61722c          | (04032821) | 317677.34 3901428.75       |

57.45105c (04032821) 317653.19 3901428.00 57.18916c (04032821) 317629.00 3901427.00  
 59.29182c (04012306) 317604.84 3901426.25 65.54884c (04012306) 317580.69 3901425.25  
 69.76131c (04012306) 317556.50 3901424.50 72.19202c (04012306) 317532.34 3901423.50  
 73.07488c (04012306) 317508.16 3901422.75 73.47874c (04012306) 317484.00 3901422.00  
 73.62247c (04012306)

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 \*\*\* 05/07/09 \*\*\*

\*\*\* 12:32:17  
 \*\*MODELOPTs:

PAGE 44  
 CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC                 | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC<br>(YYMMDDHH)   | X-COORD (M) | Y-COORD (M) |
|----------------------|---------------------------|-------------|----------------------|-------------|-------------|
| 73.68386c (04012306) | 317459.84                 | 3901421.00  | 73.62276c (04012306) | 317435.66   | 3901420.25  |
| 73.71855c (04012306) | 317411.50                 | 3901419.25  | 73.66737c (04012306) | 317387.31   | 3901418.50  |
| 52.96489c (04032821) | 317363.16                 | 3901417.75  | 73.76411c (04012306) | 317767.84   | 3901414.00  |
| 51.35860c (04032821) | 317726.56                 | 3901405.50  | 51.55808c (04032821) | 317702.41   | 3901404.50  |
| 50.78493c (04032821) | 317678.25                 | 3901403.75  | 51.11457c (04032821) | 317654.06   | 3901403.00  |
| 56.30684c (04012306) | 317629.91                 | 3901402.00  | 50.32730c (04032821) | 317605.72   | 3901401.25  |
| 64.20786c (04012306) | 317581.56                 | 3901400.25  | 61.11967c (04012306) | 317557.38   | 3901399.50  |
| 66.39259c (04012306) | 317533.22                 | 3901398.75  | 65.79343c (04012306) | 317509.06   | 3901397.75  |
| 66.67367c (04012306) | 317484.88                 | 3901397.00  | 66.63727c (04012306) | 317460.72   | 3901396.00  |
| 66.72781c (04012306) | 317436.53                 | 3901395.25  | 66.73676c (04012306) | 317412.38   | 3901394.25  |
| 66.83547c (04012306) | 317388.19                 | 3901393.50  | 66.78194c (04012306) | 317364.03   | 3901392.75  |
| 49.21125c (04032821) | 317768.72                 | 3901389.00  | 48.70409c (04032821) | 317809.94   | 3901421.50  |
| 47.21000c (04032821) | 317727.47                 | 3901380.50  | 47.49160c (04032821) | 317703.28   | 3901379.50  |
| 46.48115c (04032821) | 317679.12                 | 3901378.75  | 46.88239c (04032821) | 317654.94   | 3901378.00  |
| 48.32081c (04012306) | 317630.78                 | 3901377.00  | 45.97692c (04032821) | 317606.62   | 3901376.25  |
| 57.34382c (04012306) | 317582.44                 | 3901375.25  | 53.63982c (04012306) | 317558.28   | 3901374.50  |
| 60.45454c (04012306) | 317534.09                 | 3901373.75  | 59.48700c (04012306) | 317509.94   | 3901372.75  |
| 60.98535c (04012306) | 317485.75                 | 3901372.00  | 60.87091c (04012306) | 317461.59   | 3901371.00  |
| 61.13806c (04012306) | 317437.41                 | 3901370.25  | 61.07151c (04012306) | 317413.25   | 3901369.50  |
| 61.21158c (04012306) | 317389.09                 | 3901368.50  | 61.15013c (04012306) | 317364.91   | 3901367.75  |
| 47.13914c (04032821) | 317769.62                 | 3901364.00  | 45.49455c (04032821) | 317803.81   | 3901379.25  |
| 44.30001c (04032821) | 317827.94                 | 3901404.25  | 46.97635c (04032821) | 317728.34   | 3901355.50  |
| 43.54050c (04032821) | 317704.16                 | 3901354.75  | 43.97028c (04032821) | 317680.00   | 3901353.75  |
| 42.53315c (04032821) | 317655.84                 | 3901353.00  | 43.07931c (04032821) | 317631.66   | 3901352.00  |
| 47.20582c (04012306) | 317607.50                 | 3901351.25  | 41.97520c (04032821) | 317583.31   | 3901350.25  |
| 54.15904c (04012306) | 317559.16                 | 3901349.50  | 51.45128c (04012306) | 317534.97   | 3901348.75  |

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99.ADO
317510.81 3901347.75 55.55919c (04012306) 317486.62 3901347.00
56.21477c (04012306)
317462.47 3901346.00 56.44244c (04012306) 317438.31 3901345.25
56.56483c (04012306)
317414.12 3901344.50 56.64455c (04012306) 317389.97 3901343.50
56.67299c (04012306)
317365.81 3901342.75 60.47298 (04051024) 317358.56 3901318.50
64.12106 (04051024)
317357.62 3901294.00 65.44508 (04051024) 317356.72 3901269.50
66.71017 (04051024)
317355.84 3901245.00 67.89619 (04051024) 317354.91 3901220.50
69.03917 (04051024)
317354.00 3901196.25 70.09064 (04051024) 317353.12 3901171.75
71.05297 (04051024)
317352.19 3901147.25 71.98526 (04051024) 317351.28 3901122.75
72.84119 (04051024)
317350.38 3901098.25 73.63949 (04051024) 317349.47 3901073.75
74.38672 (04051024)
317348.56 3901049.25 74.76235 (04051024) 317383.53 3901317.50
55.66504 (04051024)
317382.62 3901293.00 56.50641 (04051024) 317381.72 3901268.75
57.60954 (04051024)
317380.81 3901244.25 58.78410 (04051024) 317379.91 3901219.75
59.93610 (04051024)
317379.00 3901195.25 61.03837 (04051024) 317378.09 3901170.75
62.07713 (04051024)
317377.19 3901146.25 63.04644 (04051024) 317376.28 3901121.75
63.94864 (04051024)
*** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 05/07/09 ***
*** 12:32:17
**MODELOPTs:
PAGE 45
CONC DEFAULT ELEV

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\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\* INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) Y-COORD (M) |                                 | CONC (YYMMDDHH) |            | X-COORD (M) Y-COORD (M) |            |
|-------------------------|---------------------------------|-----------------|------------|-------------------------|------------|
| CONC                    | (YYMMDDHH)                      | CONC            | (YYMMDDHH) | CONC                    | (YYMMDDHH) |
| 65.57430                | 317375.38 3901097.25 (04051024) | 64.79064        | (04051024) | 317374.47               | 3901072.75 |
| 52.64907c               | 317373.56 3901048.50 (04012306) | 66.14429        | (04051024) | 317408.50               | 3901316.75 |
| 51.37994                | 317407.62 3901292.25 (04051024) | 50.97960        | (04051024) | 317406.69               | 3901267.75 |
| 53.21446                | 317405.78 3901243.25 (04051024) | 52.19893        | (04051024) | 317404.88               | 3901218.75 |
| 55.35602                | 317403.97 3901194.25 (04051024) | 54.29016        | (04051024) | 317403.06               | 3901169.75 |
| 57.35147                | 317402.16 3901145.25 (04051024) | 56.38179        | (04051024) | 317401.25               | 3901120.75 |
| 59.10848                | 317400.34 3901096.50 (04051024) | 58.25691        | (04051024) | 317399.44               | 3901072.00 |
| 52.31901c               | 317398.53 3901047.50 (04012306) | 59.81018        | (04051024) | 317433.50               | 3901315.75 |
| 47.44062                | 317432.59 3901291.25 (04051024) | 49.35587c       | (04012306) | 317431.69               | 3901266.75 |
| 48.04036                | 317430.78 3901242.25 (04051024) | 47.52362        | (04051024) | 317429.88               | 3901217.75 |
| 49.77798                | 317428.97 3901193.25 (04051024) | 48.84047        | (04051024) | 317428.06               | 3901169.00 |
| 51.77158                | 317427.16 3901144.50 (04051024) | 50.77706        | (04051024) | 317426.25               | 3901120.00 |
| 53.65035                | 317425.34 3901095.50 (04051024) | 52.73603        | (04051024) | 317424.44               | 3901071.00 |
| 78.19018                | 317423.53 3901046.50 (04051024) | 54.45630        | (04051024) | 317323.06               | 3901025.25 |
| 78.17673                | 317298.91 3901025.75 (04051024) | 78.24181        | (04051024) | 317274.72               | 3901026.25 |
| 87.25470c               | 317250.56 3901026.75 (04012306) | 78.03936        | (04051024) | 317226.38               | 3901027.25 |
|                         | 317202.22 3901027.75            | 95.31268c       | (04012306) | 317178.06               | 3901028.25 |

|                                |                          |           |            |
|--------------------------------|--------------------------|-----------|------------|
| 100.96539c (04012306)          |                          |           |            |
| 317153.88 3901028.75           | 104.31320c (04012306)    | 317129.72 | 3901029.25 |
| 105.96157c (04012306)          |                          |           |            |
| 317105.53 3901029.75           | 106.78027c (04012306)    | 317081.38 | 3901030.25 |
| 107.44531c (04012306)          |                          |           |            |
| 317057.19 3901030.75           | 108.31855c (04012306)    | 317033.03 | 3901031.25 |
| 109.54331c (04012306)          |                          |           |            |
| 317008.88 3901031.75           | 111.46778c (04012306)    | 316984.69 | 3901032.25 |
| 113.32529c (04012306)          |                          |           |            |
| 316960.53 3901032.75           | 115.22309c (04012306)    | 316936.34 | 3901033.25 |
| 116.95603c (04012306)          |                          |           |            |
| 316912.19 3901033.75           | 118.38146c (04012306)    | 316888.00 | 3901034.25 |
| 119.45177c (04012306)          |                          |           |            |
| 316863.84 3901034.75           | 120.19541c (04012306)    | 316839.66 | 3901035.25 |
| 120.69300c (04012306)          |                          |           |            |
| 316815.50 3901035.75           | 121.02109c (04012306)    | 316791.34 | 3901036.25 |
| 121.24927c (04012306)          |                          |           |            |
| 316767.16 3901036.75           | 121.41199c (04012306)    | 316743.00 | 3901037.25 |
| 121.52184c (04012306)          |                          |           |            |
| 316718.81 3901037.75           | 121.61086c (04012306)    | 316694.66 | 3901038.25 |
| 121.68838c (04012306)          |                          |           |            |
| 316670.47 3901038.75           | 122.06625c (04012306)    | 316646.31 | 3901039.25 |
| 122.16034c (04012306)          |                          |           |            |
| 316622.12 3901039.75           | 111.71075c (04012306)    | 317340.22 | 3901007.00 |
| 71.47873 (04051024)            |                          |           |            |
| 317298.38 3901000.75           | 70.45381 (04051024)      | 317274.22 | 3901001.25 |
| 70.27527 (04051024)            |                          |           |            |
| 317250.06 3901001.75           | 70.02234 (04051024)      | 317225.88 | 3901002.25 |
| 77.02082c (04012306)           |                          |           |            |
| 317201.72 3901002.75           | 85.40945c (04012306)     | 317177.53 | 3901003.25 |
| 91.65110c (04012306)           |                          |           |            |
| 317153.38 3901003.75           | 95.65707c (04012306)     | 317129.19 | 3901004.25 |
| 97.81670c (04012306)           |                          |           |            |
| 317105.03 3901004.75           | 98.88496c (04012306)     | 317080.88 | 3901005.25 |
| 99.58246c (04012306)           |                          |           |            |
| 317056.69 3901005.75           | 100.36182c (04012306)    | 317032.53 | 3901006.25 |
| 101.45032c (04012306)          |                          |           |            |
| 317008.34 3901006.75           | 102.89215c (04012306)    | 316984.19 | 3901007.25 |
| 104.61507c (04012306)          |                          |           |            |
| 316960.00 3901007.75           | 106.45807c (04012306)    | 316935.84 | 3901008.25 |
| 108.21391c (04012306)          |                          |           |            |
| 316911.66 3901008.75           | 109.72513c (04012306)    | 316887.50 | 3901009.25 |
| 110.90577c (04012306)          |                          |           |            |
| 316863.34 3901009.75           | 111.76096c (04012306)    | 316839.16 | 3901010.25 |
| 112.34707c (04012306)          |                          |           |            |
| 316815.00 3901010.75           | 112.74163c (04012306)    | 316790.81 | 3901011.25 |
| 113.01273c (04012306)          |                          |           |            |
| *** AERMOD - VERSION 07026 *** | *** C:\Lakes\BFD\BFD.isc |           |            |
| *** 05/07/09                   | ***                      |           |            |
| *** 12:32:17                   |                          |           |            |
| **MODELOPTs:                   |                          |           |            |
| PAGE 46                        |                          |           |            |
| CONC                           | DEFAULT ELEV             |           |            |

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
PAREA1 \*\*\*  
INCLUDING SOURCE(S): PAREA1 ,

## \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) Y-COORD (M) |            | CONC       | {YYMMDDHH} | X-COORD (M) | Y-COORD (M) |
|-------------------------|------------|------------|------------|-------------|-------------|
| CONC                    | {YYMMDDHH} |            |            |             |             |
| 316766.66               | 3901011.75 | 113.22320c | (04012306) | 316742.47   | 3901012.25  |
| 113.37161c              | (04012306) |            |            |             |             |
| 316718.31               | 3901012.75 | 113.51053c | (04012306) | 316694.12   | 3901013.25  |
| 113.67487c              | (04012306) |            |            |             |             |
| 316669.97               | 3901013.75 | 113.83675c | (04012306) | 316645.81   | 3901014.25  |
| 114.40285c              | (04012306) |            |            |             |             |
| 316621.62               | 3901014.75 | 109.25507c | (04012306) | 317339.72   | 3900982.00  |
| 66.44246                | (04051024) |            |            |             |             |
| 317382.88               | 3901013.00 | 61.83521   | (04051024) | 317297.88   | 3900975.75  |
| 64.96959                | (04051024) |            |            |             |             |
| 317273.69               | 3900976.25 | 64.72317   | (04051024) | 317249.53   | 3900976.75  |
| 64.39977                | (04051024) |            |            |             |             |
| 317225.38               | 3900977.25 | 68.24491c  | (04012306) | 317201.19   | 3900977.75  |
| 76.84747c               | (04012306) |            |            |             |             |



|                                |            | 99.ADO                   |           |            |
|--------------------------------|------------|--------------------------|-----------|------------|
| 317177.03                      | 3900978.25 | 83.50972c (04012306)     | 317152.84 | 3900978.75 |
| 88.10397c (04012306)           |            |                          |           |            |
| 317128.69                      | 3900979.25 | 90.79293c (04012306)     | 317104.50 | 3900979.75 |
| 92.17452c (04012306)           |            |                          |           |            |
| 317080.34                      | 3900980.25 | 92.95327c (04012306)     | 317056.16 | 3900980.75 |
| 93.66288c (04012306)           |            |                          |           |            |
| 317032.00                      | 3900981.25 | 94.59443c (04012306)     | 317007.84 | 3900981.75 |
| 95.85742c (04012306)           |            |                          |           |            |
| 316983.66                      | 3900982.25 | 97.42725c (04012306)     | 316959.50 | 3900982.75 |
| 99.16916c (04012306)           |            |                          |           |            |
| 316935.31                      | 3900983.25 | 100.90397c (04012306)    | 316911.16 | 3900983.75 |
| 102.45420c (04012306)          |            |                          |           |            |
| 316886.97                      | 3900984.25 | 103.71459c (04012306)    | 316862.81 | 3900984.75 |
| 104.65386c (04012306)          |            |                          |           |            |
| 316838.62                      | 3900985.25 | 105.30972c (04012306)    | 316814.47 | 3900985.75 |
| 105.74795c (04012306)          |            |                          |           |            |
| 316790.31                      | 3900986.25 | 106.04284c (04012306)    | 316766.12 | 3900986.75 |
| 106.25198c (04012306)          |            |                          |           |            |
| 316741.97                      | 3900987.25 | 106.42300c (04012306)    | 316717.78 | 3900987.75 |
| 106.57800c (04012306)          |            |                          |           |            |
| 316693.62                      | 3900988.25 | 106.73399c (04012306)    | 316669.44 | 3900988.75 |
| 106.90879c (04012306)          |            |                          |           |            |
| 316645.28                      | 3900989.25 | 107.10084c (04012306)    | 316621.12 | 3900989.75 |
| 105.37887c (04012306)          |            |                          |           |            |
| 317339.19                      | 3900957.00 | 62.08848 (04051024)      | 317374.56 | 3900970.75 |
| 61.05477 (04051024)            |            |                          |           |            |
| 317400.06                      | 3900994.75 | 57.43982 (04051024)      | 317297.34 | 3900950.75 |
| 60.66446 (04051024)            |            |                          |           |            |
| 317273.19                      | 3900951.25 | 60.36478 (04051024)      | 317249.00 | 3900951.75 |
| 59.98488 (04051024)            |            |                          |           |            |
| 317224.84                      | 3900952.25 | 60.68538c (04012306)     | 317200.66 | 3900952.75 |
| 69.42648c (04012306)           |            |                          |           |            |
| 317176.50                      | 3900953.25 | 76.41239c (04012306)     | 317152.34 | 3900953.75 |
| 81.51402c (04012306)           |            |                          |           |            |
| 317128.16                      | 3900954.25 | 84.74720c (04012306)     | 317104.00 | 3900954.75 |
| 86.51180c (04012306)           |            |                          |           |            |
| 317079.81                      | 3900955.25 | 87.45575c (04012306)     | 317055.66 | 3900955.75 |
| 88.15108c (04012306)           |            |                          |           |            |
| 317031.47                      | 3900956.25 | 88.96540c (04012306)     | 317007.31 | 3900956.75 |
| 90.06689c (04012306)           |            |                          |           |            |
| 316983.12                      | 3900957.25 | 91.47895c (04012306)     | 316958.97 | 3900957.75 |
| 93.10671c (04012306)           |            |                          |           |            |
| 316934.81                      | 3900958.25 | 94.79223c (04012306)     | 316910.62 | 3900958.75 |
| 96.36396c (04012306)           |            |                          |           |            |
| 316886.47                      | 3900959.25 | 97.68900c (04012306)     | 316862.28 | 3900959.75 |
| 98.71140c (04012306)           |            |                          |           |            |
| 316838.12                      | 3900960.25 | 99.44108c (04012306)     | 316813.94 | 3900960.75 |
| 99.93372c (04012306)           |            |                          |           |            |
| 316789.78                      | 3900961.25 | 100.25751c (04012306)    | 316765.62 | 3900961.75 |
| 100.47610c (04012306)          |            |                          |           |            |
| 316741.44                      | 3900962.25 | 100.63922c (04012306)    | 316717.28 | 3900962.75 |
| 100.77655c (04012306)          |            |                          |           |            |
| 316693.09                      | 3900963.25 | 100.90717c (04012306)    | 316668.94 | 3900963.75 |
| 101.04783c (04012306)          |            |                          |           |            |
| 316644.75                      | 3900964.25 | 101.19229c (04012306)    | 316620.59 | 3900964.75 |
| 100.68695c (04012306)          |            |                          |           |            |
| 316598.25                      | 3901059.25 | 100.55231c (04012306)    | 316592.91 | 3901083.50 |
| 99.57236c (04012306)           |            |                          |           |            |
| 316587.56                      | 3901107.50 | 98.70480c (04012306)     | 316582.19 | 3901131.50 |
| 97.97810c (04012306)           |            |                          |           |            |
| 316576.84                      | 3901155.75 | 97.46149c (04012306)     | 316571.47 | 3901179.75 |
| 97.10980c (04012306)           |            |                          |           |            |
| 316566.12                      | 3901204.00 | 96.99694c (04012306)     | 316560.78 | 3901228.00 |
| 97.05762c (04012306)           |            |                          |           |            |
| 316555.41                      | 3901252.00 | 97.28089c (04012306)     | 316550.06 | 3901276.25 |
| 97.68720c (04012306)           |            |                          |           |            |
| *** AERMOD - VERSION 07026 *** |            | *** C:\Lakes\BFD\BFD.isc |           |            |
| *** 05/07/09                   |            | ***                      |           |            |

\*\*\* 12:32:17  
 \*\*MODELOPTS:  
 CONC PAGE 47

DEFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREA1 \*\*\* INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC       | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|------------|---------------------------|-------------|------------|------------|-------------|-------------|
| 98.72395c  | 316544.72                 | 3901300.25  | 98.17206c  | (04012306) | 316539.38   | 3901324.25  |
| 99.87901c  | 316534.00                 | 3901348.50  | 99.31477c  | (04012306) | 316528.66   | 3901372.50  |
| 100.86176c | 316523.28                 | 3901396.75  | 100.41277c | (04012306) | 316517.94   | 3901420.75  |
| 101.47409c | 316512.59                 | 3901444.75  | 101.21864c | (04012306) | 316507.22   | 3901469.00  |
| 101.53265c | 316501.88                 | 3901493.00  | 101.57998c | (04012306) | 316496.53   | 3901517.00  |
| 100.93307c | 316491.16                 | 3901541.25  | 101.32477c | (04012306) | 316485.81   | 3901565.25  |
| 99.60354c  | 316480.47                 | 3901589.50  | 100.37354c | (04012306) | 316475.09   | 3901613.50  |
| 97.60372c  | 316469.75                 | 3901637.50  | 98.68002c  | (04012306) | 316464.38   | 3901661.75  |
| 95.08968c  | 316459.03                 | 3901685.75  | 96.39499c  | (04012306) | 316453.69   | 3901710.00  |
| 92.19110c  | 316448.34                 | 3901734.00  | 93.68305c  | (04012306) | 316442.97   | 3901758.00  |
| 89.09092c  | 316437.62                 | 3901782.25  | 90.66974c  | (04012306) | 316432.28   | 3901806.25  |
| 85.81271c  | 316426.91                 | 3901830.25  | 87.45701c  | (04012306) | 316421.56   | 3901854.50  |
| 82.38676c  | 316416.19                 | 3901878.50  | 84.10580c  | (04012306) | 316410.84   | 3901902.75  |
| 78.79828c  | 316405.50                 | 3901926.75  | 80.62049c  | (04012306) | 316400.12   | 3901950.75  |
| 76.10101c  | 316394.78                 | 3901975.00  | 77.04638c  | (04121106) | 316389.44   | 3901999.00  |
| 73.77468c  | 316384.09                 | 3902023.25  | 75.02095c  | (04121106) | 316378.72   | 3902047.25  |
| 70.87691c  | 316373.38                 | 3902071.25  | 72.39907c  | (04121106) | 316368.00   | 3902095.50  |
| 67.45720c  | 316362.66                 | 3902119.50  | 69.23254c  | (04121106) | 316357.31   | 3902143.50  |
| 63.53685c  | 316351.94                 | 3902167.75  | 65.55138c  | (04121106) | 316346.59   | 3902191.75  |
| 59.14756c  | 316341.25                 | 3902216.00  | 61.40617c  | (04121106) | 316335.88   | 3902240.00  |
| 54.30853c  | 316330.53                 | 3902264.00  | 56.78845c  | (04121106) | 316325.19   | 3902288.25  |
| 52.95077   | 316319.81                 | 3902312.25  | 52.79254   | (04121206) | 316314.47   | 3902336.25  |
| 52.79643   | 316309.12                 | 3902360.50  | 52.99023   | (04121206) | 316303.75   | 3902384.50  |
| 51.52147   | 316298.41                 | 3902408.75  | 52.33282   | (04121206) | 316293.06   | 3902432.75  |
| 48.88322   | 316287.69                 | 3902456.75  | 50.35976   | (04121206) | 316282.34   | 3902481.00  |
| 45.46230   | 316277.00                 | 3902505.00  | 47.09980   | (04121206) | 316271.62   | 3902529.25  |
| 44.02936   | 316266.28                 | 3902553.25  | 44.10545   | (04042606) | 316260.91   | 3902577.25  |
| 43.57533   | 316255.56                 | 3902601.50  | 44.03101   | (04051406) | 316250.22   | 3902625.50  |
| 89.94619c  | 316582.41                 | 3901040.00  | 93.13837c  | (04012306) | 316568.50   | 3901078.00  |
| 88.93167c  | 316563.12                 | 3901102.00  | 89.33837c  | (04012306) | 316557.78   | 3901126.25  |
| 88.65481c  | 316552.44                 | 3901150.25  | 88.70005c  | (04012306) | 316547.09   | 3901174.25  |
| 89.07705c  | 316541.72                 | 3901198.50  | 88.79450c  | (04012306) | 316536.38   | 3901222.50  |
| 89.97616c  | 316531.00                 | 3901246.75  | 89.49165c  | (04012306) | 316525.66   | 3901270.75  |
| 91.05434c  | 316520.31                 | 3901294.75  | 90.50751c  | (04012306) | 316514.94   | 3901319.00  |
| 92.04076c  | 316509.59                 | 3901343.00  | 91.56562c  | (04012306) | 316504.25   | 3901367.25  |
| 92.68571c  | 316498.88                 | 3901391.25  | 92.41009c  | (04012306) | 316493.53   | 3901415.25  |
| 92.86645c  | 316488.19                 | 3901439.50  | 92.85862c  | (04012306) | 316482.81   | 3901463.50  |
| 92.44025c  | 316477.47                 | 3901487.50  | 92.72933c  | (04012306) | 316472.12   | 3901511.75  |
|            | 316466.75                 | 3901535.75  | 91.95560c  | (04012306) | 316461.41   | 3901560.00  |

91.31870c (04012306) 316456.06 3901584.00 90.50570c (04012306) 316450.69 3901608.00  
 89.52783c (04012306)  
 \*\*\* AERMOD - VERSION 07026 \*\*\* \*\*\* C:\Lakes\BFD\BFD.isc  
 \*\*\* 05/07/09 \*\*\*

\*\*\* 12:32:17  
 \*\*MODELOPTS:

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CONC DEFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC                 | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC<br>(YYMMDDHH)   | X-COORD (M) | Y-COORD (M) |
|----------------------|---------------------------|-------------|----------------------|-------------|-------------|
| 87.21280c (04012306) | 316445.34                 | 3901632.25  | 88.43272c (04012306) | 316440.00   | 3901656.25  |
| 84.49676c (04012306) | 316434.62                 | 3901680.25  | 85.88422c (04012306) | 316429.28   | 3901704.50  |
| 81.52837c (04012306) | 316423.94                 | 3901728.50  | 83.04006c (04012306) | 316418.56   | 3901752.75  |
| 78.39817c (04012306) | 316413.22                 | 3901776.75  | 79.98098c (04012306) | 316407.88   | 3901800.75  |
| 75.12135c (04012306) | 316402.50                 | 3901825.00  | 76.77294c (04012306) | 316397.16   | 3901849.00  |
| 71.70573c (04012306) | 316391.81                 | 3901873.25  | 73.43912c (04012306) | 316386.44   | 3901897.25  |
| 69.98425c (04121106) | 316381.09                 | 3901921.25  | 70.74512c (04121106) | 316375.75   | 3901945.50  |
| 68.03585c (04121106) | 316370.38                 | 3901969.50  | 69.07388c (04121106) | 316365.03   | 3901993.50  |
| 65.55298c (04121106) | 316359.66                 | 3902017.75  | 66.85881c (04121106) | 316354.31   | 3902041.75  |
| 62.55645c (04121106) | 316348.97                 | 3902066.00  | 64.11765c (04121106) | 316343.62   | 3902090.00  |
| 59.05905c (04121106) | 316338.25                 | 3902114.00  | 60.86168c (04121106) | 316332.91   | 3902138.25  |
| 55.12081c (04121106) | 316327.56                 | 3902162.25  | 57.14999c (04121106) | 316322.19   | 3902186.25  |
| 50.76937c (04121106) | 316316.84                 | 3902210.50  | 53.00318c (04121106) | 316311.47   | 3902234.50  |
| 47.27208 (04121206)  | 316306.12                 | 3902258.75  | 48.42849c (04121106) | 316300.78   | 3902282.75  |
| 46.08966 (04121206)  | 316295.41                 | 3902306.75  | 47.48755 (04121206)  | 316290.06   | 3902331.00  |
| 43.47884 (04121206)  | 316284.72                 | 3902355.00  | 47.64087 (04121206)  | 316279.38   | 3902379.25  |
| 40.44629 (04042606)  | 316274.00                 | 3902403.25  | 46.91565 (04121206)  | 316268.66   | 3902427.25  |
| 39.57069 (04051406)  | 316263.28                 | 3902451.50  | 44.93209 (04121206)  | 316257.94   | 3902475.50  |
| 39.37806 (04051406)  | 316252.59                 | 3902499.50  | 41.74045 (04121206)  | 316247.22   | 3902523.75  |
| 97.45113c (04012306) | 316241.88                 | 3902547.75  | 39.41945 (04051406)  | 316236.53   | 3902572.00  |
| 82.79180c (04012306) | 316231.16                 | 3902596.00  | 39.60324 (04051406)  | 316225.81   | 3902620.00  |
| 82.34049c (04012306) | 316562.28                 | 3901027.50  | 86.12240c (04012306) | 316598.12   | 3900998.25  |
| 82.56917c (04012306) | 316549.44                 | 3901048.50  | 83.28076c (04012306) | 316544.09   | 3901072.50  |
| 83.31737c (04012306) | 316538.75                 | 3901096.75  | 82.48542c (04012306) | 316533.38   | 3901120.75  |
| 84.29029c (04012306) | 316528.03                 | 3901144.75  | 82.37384c (04012306) | 316522.66   | 3901169.00  |
| 85.25534c (04012306) | 316517.31                 | 3901193.00  | 82.88697c (04012306) | 316511.97   | 3901217.25  |
| 85.95919c (04012306) | 316506.62                 | 3901241.25  | 83.79408c (04012306) | 316501.25   | 3901265.25  |
|                      | 316495.91                 | 3901289.50  | 84.79934c (04012306) | 316490.56   | 3901313.50  |
|                      | 316485.19                 | 3901337.50  | 85.63986c (04012306) | 316479.84   | 3901361.75  |

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|                      |            |                      |           |            |
|----------------------|------------|----------------------|-----------|------------|
| 316474.47            | 3901385.75 | 86.14939c (04012306) | 316469.12 | 3901410.00 |
| 86.23563c (04012306) |            |                      |           |            |
| 316463.78            | 3901434.00 | 86.16639c (04012306) | 316458.41 | 3901458.00 |
| 85.93615c (04012306) |            |                      |           |            |
| 316453.06            | 3901482.25 | 85.56406c (04012306) | 316447.72 | 3901506.25 |
| 85.01591c (04012306) |            |                      |           |            |
| 316442.38            | 3901530.25 | 84.30737c (04012306) | 316437.00 | 3901554.50 |
| 83.44386c (04012306) |            |                      |           |            |
| 316431.66            | 3901578.50 | 82.44302c (04012306) | 316426.28 | 3901602.75 |
| 81.31583c (04012306) |            |                      |           |            |
| 316420.94            | 3901626.75 | 80.08920c (04012306) | 316415.59 | 3901650.75 |
| 78.77793c (04012306) |            |                      |           |            |
| 316410.22            | 3901675.00 | 77.39137c (04012306) | 316404.88 | 3901699.00 |
| 75.95718c (04012306) |            |                      |           |            |
| 316399.53            | 3901723.25 | 74.48026c (04012306) | 316394.16 | 3901747.25 |
| 72.95462c (04012306) |            |                      |           |            |
| 316388.81            | 3901771.25 | 71.40479c (04012306) | 316383.47 | 3901795.50 |
| 69.82459c (04012306) |            |                      |           |            |
| 316378.09            | 3901819.50 | 68.20233c (04012306) | 316372.75 | 3901843.50 |
| 66.55657c (04012306) |            |                      |           |            |
| 316367.38            | 3901867.75 | 65.91917c (04121106) | 316362.03 | 3901891.75 |
| 65.30839c (04121106) |            |                      |           |            |

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\*\*MODELOPTS:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC                 | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M)          | CONC<br>(YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|----------------------|---------------------------|----------------------|--------------------|-------------|-------------|
| 316356.69            | 3901916.00                | 64.57923c (04121106) | 316351.34          | 3901940.00  |             |
| 63.71924c (04121106) |                           |                      |                    |             |             |
| 316345.97            | 3901964.00                | 62.72310c (04121106) | 316340.62          | 3901988.25  |             |
| 61.60600c (04121106) |                           |                      |                    |             |             |
| 316335.28            | 3902012.25                | 60.36209c (04121106) | 316329.91          | 3902036.50  |             |
| 58.98672c (04121106) |                           |                      |                    |             |             |
| 316324.56            | 3902060.50                | 57.49910c (04121106) | 316319.19          | 3902084.50  |             |
| 55.88974c (04121106) |                           |                      |                    |             |             |
| 316313.84            | 3902108.75                | 54.17373c (04121106) | 316308.50          | 3902132.75  |             |
| 52.35501c (04121106) |                           |                      |                    |             |             |
| 316303.12            | 3902156.75                | 50.42987c (04121106) | 316297.78          | 3902181.00  |             |
| 48.40761c (04121106) |                           |                      |                    |             |             |
| 316292.44            | 3902205.00                | 46.29149c (04121106) | 316287.09          | 3902229.25  |             |
| 44.08055c (04121106) |                           |                      |                    |             |             |
| 316281.72            | 3902253.25                | 43.12956 (04121206)  | 316276.38          | 3902277.25  |             |
| 43.39585 (04121206)  |                           |                      |                    |             |             |
| 316271.00            | 3902301.50                | 43.61990 (04121206)  | 316265.66          | 3902325.50  |             |
| 43.72815 (04121206)  |                           |                      |                    |             |             |
| 316260.31            | 3902349.50                | 43.70799 (04121206)  | 316254.94          | 3902373.75  |             |
| 43.46823 (04121206)  |                           |                      |                    |             |             |
| 316249.59            | 3902397.75                | 42.92341 (04121206)  | 316244.25          | 3902422.00  |             |
| 42.08662 (04121206)  |                           |                      |                    |             |             |
| 316238.88            | 3902446.00                | 40.93872 (04121206)  | 316233.53          | 3902470.00  |             |
| 39.51229 (04121206)  |                           |                      |                    |             |             |
| 316228.19            | 3902494.25                | 37.80711 (04121206)  | 316222.81          | 3902518.25  |             |
| 36.79091 (04042606)  |                           |                      |                    |             |             |
| 316217.47            | 3902542.50                | 36.09015 (04051406)  | 316212.12          | 3902566.50  |             |
| 36.24551 (04051406)  |                           |                      |                    |             |             |
| 316206.75            | 3902590.50                | 36.31628 (04051406)  | 316201.41          | 3902614.75  |             |
| 36.22097 (04051406)  |                           |                      |                    |             |             |
| 316536.47            | 3901024.50                | 79.42128c (04012306) | 316579.72          | 3900979.75  |             |
| 90.10088c (04012306) |                           |                      |                    |             |             |
| 316519.69            | 3901067.25                | 77.34486c (04012306) | 316514.34          | 3901091.25  |             |
| 77.28830c (04012306) |                           |                      |                    |             |             |
| 316508.97            | 3901115.25                | 77.38140c (04012306) | 316503.62          | 3901139.50  |             |
| 77.62477c (04012306) |                           |                      |                    |             |             |
| 316498.28            | 3901163.50                | 77.96708c (04012306) | 316492.91          | 3901187.50  |             |
| 78.37998c (04012306) |                           |                      |                    |             |             |
| 316487.56            | 3901211.75                | 78.85229c (04012306) | 316482.22          | 3901235.75  |             |

|                                |                      |                          |                      |
|--------------------------------|----------------------|--------------------------|----------------------|
| 79.32198c (04012306)           | 316476.84 3901260.00 | 79.77734c (04012306)     | 316471.50 3901284.00 |
| 80.17554c (04012306)           | 316466.12 3901308.00 | 80.49596c (04012306)     | 316460.78 3901332.25 |
| 80.74029c (04012306)           | 316455.44 3901356.25 | 80.86069c (04012306)     | 316450.09 3901380.25 |
| 80.85238c (04012306)           | 316444.72 3901404.50 | 80.70636c (04012306)     | 316439.38 3901428.50 |
| 80.40598c (04012306)           | 316434.03 3901452.75 | 79.95911c (04012306)     | 316428.66 3901476.75 |
| 79.33897c (04012306)           | 316423.31 3901500.75 | 78.57787c (04012306)     | 316417.94 3901525.00 |
| 77.67290c (04012306)           | 316412.59 3901549.00 | 76.64500c (04012306)     | 316407.25 3901573.25 |
| 75.51103c (04012306)           | 316401.88 3901597.25 | 74.27367c (04012306)     | 316396.53 3901621.25 |
| 72.97063c (04012306)           | 316391.19 3901645.50 | 71.60810c (04012306)     | 316385.84 3901669.50 |
| 70.19601c (04012306)           | 316380.47 3901693.50 | 68.73569c (04012306)     | 316375.12 3901717.75 |
| 67.24982c (04012306)           | 316369.75 3901741.75 | 65.72427c (04012306)     | 316364.41 3901766.00 |
| 64.17666c (04012306)           | 316359.06 3901790.00 | 62.59944c (04012306)     | 316353.69 3901814.00 |
| 61.99277c (04121106)           | 316348.34 3901838.25 | 61.52514c (04121106)     | 316343.00 3901862.25 |
| 60.94025c (04121106)           | 316337.62 3901886.50 | 60.23575c (04121106)     | 316332.28 3901910.50 |
| 59.41449c (04121106)           | 316326.94 3901934.50 | 58.47055c (04121106)     | 316321.56 3901958.75 |
| 57.39996c (04121106)           | 316316.22 3901982.75 | 56.21392c (04121106)     | 316310.88 3902006.75 |
| 54.91023c (04121106)           | 316305.50 3902031.00 | 53.48362c (04121106)     | 316300.16 3902055.00 |
| 51.95597c (04121106)           | 316294.81 3902079.25 | 50.31981c (04121106)     | 316289.44 3902103.25 |
| 48.58113c (04121106)           | 316284.09 3902127.25 | 46.76956c (04121106)     | 316278.75 3902151.50 |
| 44.83706c (04121106)           | 316273.38 3902175.50 | 42.81479c (04121106)     | 316268.03 3902199.50 |
| 40.71126c (04121106)           |                      |                          |                      |
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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC     | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|----------|---------------------------|-------------|----------|------------|-------------|-------------|
| 39.97863 | 316262.66 (04121206)      | 3902223.75  | 39.67900 | (04121206) | 316257.31   | 3902247.75  |
| 40.47050 | 316251.97 (04121206)      | 3902272.00  | 40.25649 | (04121206) | 316246.62   | 3902296.00  |
| 40.54976 | 316241.25 (04121206)      | 3902320.00  | 40.58379 | (04121206) | 316235.91   | 3902344.25  |
| 39.74666 | 316230.56 (04121206)      | 3902368.25  | 40.28817 | (04121206) | 316225.19   | 3902392.50  |
| 37.76472 | 316219.84 (04121206)      | 3902416.50  | 38.89765 | (04121206) | 316214.47   | 3902440.50  |
| 35.15881 | 316209.12 (04082724)      | 3902464.75  | 36.34904 | (04121206) | 316203.78   | 3902488.75  |
| 33.38482 | 316198.41 (04051406)      | 3902512.75  | 34.47841 | (04082724) | 316193.06   | 3902537.00  |
| 33.67024 | 316187.72 (04051406)      | 3902561.00  | 33.55668 | (04051406) | 316182.38   | 3902585.25  |
| 48.50587 | 316177.00 (04051406)      | 3902609.25  | 33.64717 | (04051406) | 316274.62   | 3902656.00  |
| 48.27122 | 316298.97 (04051406)      | 3902656.00  | 48.81581 | (04051406) | 316323.34   | 3902656.00  |

|           |            | 99.ADO    |            |                      |
|-----------|------------|-----------|------------|----------------------|
| 316347.69 | 3902656.00 | 47.70641  | (04051406) | 316372.03 3902656.00 |
| 47.10693  | (04051406) | 46.45629  | (04051406) | 316420.75 3902656.00 |
| 316396.41 | 3902656.00 | 44.93615  | (04051406) | 316469.47 3902656.00 |
| 45.73867  | (04051406) | 43.04068  | (04051406) | 316518.19 3902656.00 |
| 316445.12 | 3902656.00 | 42.09301c | (04041406) | 316566.88 3902656.00 |
| 44.03940  | (04051406) | 41.79790c | (04041406) | 316615.59 3902656.00 |
| 316493.81 | 3902656.00 | 41.15336c | (04041406) | 316664.31 3902656.00 |
| 42.19201c | (04041406) | 39.66726c | (04041406) | 316713.03 3902656.00 |
| 316542.53 | 3902656.00 | 39.30916  | (04101503) | 316761.75 3902656.00 |
| 41.96894c | (04041406) | 37.90935  | (04101503) | 316810.44 3902656.00 |
| 316591.25 | 3902656.00 | 34.99816  | (04101503) | 316859.16 3902656.00 |
| 41.54444c | (04041406) | 29.16296  | (04101503) | 316907.88 3902656.00 |
| 316639.97 | 3902656.00 | 44.20969  | (04051406) | 316298.97 3902681.00 |
| 40.55399c | (04041406) | 43.10783  | (04051406) | 316347.69 3902681.00 |
| 316688.66 | 3902656.00 | 41.97834  | (04051406) | 316396.41 3902681.00 |
| 39.55369  | (04101503) | 40.60431  | (04051406) | 316445.12 3902681.00 |
| 316737.38 | 3902656.00 | 39.18184c | (04041406) | 316493.81 3902681.00 |
| 38.77263  | (04101503) | 39.05489c | (04041406) | 316542.53 3902681.00 |
| 316786.09 | 3902656.00 | 38.84496c | (04041406) | 316591.25 3902681.00 |
| 36.66900  | (04101503) | 38.37923c | (04041406) | 316639.97 3902681.00 |
| 316834.81 | 3902656.00 | 37.26128c | (04041406) | 316688.66 3902681.00 |
| 32.71172  | (04101503) | 35.98481  | (04101503) | 316737.38 3902681.00 |
| 316883.50 | 3902656.00 | 35.11971  | (04101503) | 316786.09 3902681.00 |
| 25.15179  | (04101503) | 32.96335  | (04101503) | 316834.81 3902681.00 |
| 316255.12 | 3902671.50 | 28.99914  | (04101503) | 316883.50 3902681.00 |
| 43.61912  | (04051406) | 23.76707  | (04101503) | 316255.12 3902696.50 |
| 316323.34 | 3902681.00 | 37.71943  | (04051406) | 316298.97 3902706.00 |
| 42.56593  | (04051406) | 39.55889  | (04051406) | 316347.69 3902706.00 |
| 316372.03 | 3902681.00 | 38.40923  | (04051406) | 316396.41 3902706.00 |
| 41.32926  | (04051406) | 37.03157c | (04041406) | 316445.12 3902706.00 |
| 316420.75 | 3902681.00 |           |            |                      |
| 39.79114  | (04051406) |           |            |                      |
| 316469.47 | 3902681.00 |           |            |                      |
| 39.12389c | (04041406) |           |            |                      |
| 316518.19 | 3902681.00 |           |            |                      |
| 38.96696c | (04041406) |           |            |                      |
| 316566.88 | 3902681.00 |           |            |                      |
| 38.66286c | (04041406) |           |            |                      |
| 316615.59 | 3902681.00 |           |            |                      |
| 37.93496c | (04041406) |           |            |                      |
| 316664.31 | 3902681.00 |           |            |                      |
| 36.28514c | (04041406) |           |            |                      |
| 316713.03 | 3902681.00 |           |            |                      |
| 35.69680  | (04101503) |           |            |                      |
| 316761.75 | 3902681.00 |           |            |                      |
| 34.21440  | (04101503) |           |            |                      |
| 316810.44 | 3902681.00 |           |            |                      |
| 31.28784  | (04101503) |           |            |                      |
| 316859.16 | 3902681.00 |           |            |                      |
| 26.02497  | (04101503) |           |            |                      |
| 316907.88 | 3902681.00 |           |            |                      |
| 41.80288  | (04051406) |           |            |                      |
| 316211.22 | 3902656.75 |           |            |                      |
| 40.06600  | (04051406) |           |            |                      |
| 316323.34 | 3902706.00 |           |            |                      |
| 39.01167  | (04051406) |           |            |                      |
| 316372.03 | 3902706.00 |           |            |                      |
| 37.73697  | (04051406) |           |            |                      |
| 316420.75 | 3902706.00 |           |            |                      |
| 36.99355c | (04041406) |           |            |                      |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREAL      \*\*\*  
 INCLUDING SOURCE(S):      PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|-----------|------------|-------------|-------------|
| 316469.47 |                           | 3902706.00  | 36.94941c | (04041406) | 316493.81   | 3902706.00  |

|                                |                          |           |            |
|--------------------------------|--------------------------|-----------|------------|
| 36.89659c (04041406)           |                          |           |            |
| 316518.19 3902706.00           | 36.82927c (04041406)     | 316542.53 | 3902706.00 |
| 36.73704c (04041406)           |                          |           |            |
| 316566.88 3902706.00           | 36.60129c (04041406)     | 316591.25 | 3902706.00 |
| 36.39035c (04041406)           |                          |           |            |
| 316615.59 3902706.00           | 36.05880c (04041406)     | 316639.97 | 3902706.00 |
| 35.54595c (04041406)           |                          |           |            |
| 316664.31 3902706.00           | 34.78549c (04041406)     | 316688.66 | 3902706.00 |
| 33.71490c (04041406)           |                          |           |            |
| 316713.03 3902706.00           | 33.37967 (04101503)      | 316737.38 | 3902706.00 |
| 33.03969 (04101503)            |                          |           |            |
| 316761.75 3902706.00           | 32.41566 (04101503)      | 316786.09 | 3902706.00 |
| 31.48162 (04101503)            |                          |           |            |
| 316810.44 3902706.00           | 30.20811 (04101503)      | 316834.81 | 3902706.00 |
| 28.52189 (04101503)            |                          |           |            |
| 316859.16 3902706.00           | 26.31608 (04101503)      | 316883.50 | 3902706.00 |
| 24.07206 (04101503)            |                          |           |            |
| 316907.88 3902706.00           | 22.64764 (04101503)      | 316255.12 | 3902721.50 |
| 39.07692 (04051406)            |                          |           |            |
| 316216.12 3902702.75           | 38.51715 (04051406)      | 316191.72 | 3902672.50 |
| 35.61994 (04051406)            |                          |           |            |
| 316298.97 3902731.00           | 37.30914 (04051406)      | 316323.34 | 3902731.00 |
| 36.79258 (04051406)            |                          |           |            |
| 316347.69 3902731.00           | 36.22678 (04051406)      | 316372.03 | 3902731.00 |
| 35.59809 (04051406)            |                          |           |            |
| 316396.41 3902731.00           | 35.30363c (04041406)     | 316420.75 | 3902731.00 |
| 35.27628c (04041406)           |                          |           |            |
| 316445.12 3902731.00           | 35.24129c (04041406)     | 316469.47 | 3902731.00 |
| 35.19937c (04041406)           |                          |           |            |
| 316493.81 3902731.00           | 35.14622c (04041406)     | 316518.19 | 3902731.00 |
| 35.07435c (04041406)           |                          |           |            |
| 316542.53 3902731.00           | 34.97050c (04041406)     | 316566.88 | 3902731.00 |
| 34.81177c (04041406)           |                          |           |            |
| 316591.25 3902731.00           | 34.56220c (04041406)     | 316615.59 | 3902731.00 |
| 34.17275c (04041406)           |                          |           |            |
| 316639.97 3902731.00           | 33.58329c (04041406)     | 316664.31 | 3902731.00 |
| 32.73262c (04041406)           |                          |           |            |
| 316688.66 3902731.00           | 31.56957c (04041406)     | 316713.03 | 3902731.00 |
| 31.29656 (04101503)            |                          |           |            |
| 316737.38 3902731.00           | 30.90424 (04101503)      | 316761.75 | 3902731.00 |
| 30.23347 (04101503)            |                          |           |            |
| 316786.09 3902731.00           | 29.25228 (04101503)      | 316810.44 | 3902731.00 |
| 27.95709 (04101503)            |                          |           |            |
| 316834.81 3902731.00           | 26.27449 (04101503)      | 316859.16 | 3902731.00 |
| 24.28134 (04101503)            |                          |           |            |
| 316883.50 3902731.00           | 22.66522 (04101503)      | 316907.88 | 3902731.00 |
| 21.69315 (04101503)            |                          |           |            |
| 316932.88 3902631.25           | 21.82138 (04101503)      | 316933.28 | 3902607.00 |
| 21.95689 (04101503)            |                          |           |            |
| 316933.66 3902582.50           | 22.10890 (04101503)      | 316934.09 | 3902558.25 |
| 22.26177 (04101503)            |                          |           |            |
| 316934.47 3902533.75           | 24.28162 (04082303)      | 316934.88 | 3902509.50 |
| 26.27505 (04082303)            |                          |           |            |
| 316935.28 3902485.25           | 27.96187 (04082303)      | 316935.69 | 3902460.75 |
| 29.42895 (04082303)            |                          |           |            |
| 316936.09 3902436.50           | 30.69588 (04082303)      | 316936.50 | 3902412.00 |
| 31.79990 (04082303)            |                          |           |            |
| 316936.91 3902387.75           | 32.73643 (04082303)      | 316937.31 | 3902363.25 |
| 33.51573 (04082303)            |                          |           |            |
| 316937.69 3902339.00           | 34.13646 (04082303)      | 316938.09 | 3902314.50 |
| 34.60866 (04082303)            |                          |           |            |
| 316938.50 3902290.25           | 35.64222 (04051024)      | 316938.91 | 3902265.75 |
| 36.92257 (04051024)            |                          |           |            |
| 316939.31 3902241.50           | 38.12410 (04051024)      | 316939.72 | 3902217.00 |
| 39.28411 (04051024)            |                          |           |            |
| 316940.12 3902192.75           | 40.38243 (04051024)      | 316950.41 | 3902649.25 |
| 19.79511 (04101503)            |                          |           |            |
| 316958.28 3902607.50           | 19.41333 (04101503)      | 316958.66 | 3902583.00 |
| 19.57222 (04101503)            |                          |           |            |
| 316959.06 3902558.75           | 19.73977 (04101503)      | 316959.47 | 3902534.25 |
| 19.92444 (04101503)            |                          |           |            |
| 316959.88 3902510.00           | 21.25763 (04082303)      | 316960.28 | 3902485.50 |
| 22.95539 (04082303)            |                          |           |            |
| 316960.69 3902461.25           | 24.42097 (04082303)      | 316961.09 | 3902436.75 |
| 25.72070 (04082303)            |                          |           |            |
| 316961.50 3902412.50           | 26.84561 (04082303)      | 316961.88 | 3902388.00 |
| 27.83119 (04082303)            |                          |           |            |
| 316962.31 3902363.75           | 28.64338 (04082303)      | 316962.69 | 3902339.25 |
| 29.32347 (04082303)            |                          |           |            |
| *** AERMOD - VERSION 07026 *** | *** C:\Lakes\BFD\BFD.isc |           |            |
| ***                            | ***                      |           |            |
| 05/07/09                       |                          |           |            |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|-----------|------------|-------------|-------------|
| 30.63258c | 316963.09                 | 3902315.00  | 29.84731  | (04082303) | 316963.50   | 3902290.50  |
| 31.99880  | 316963.91                 | 3902266.25  | 31.35499c | (04091903) | 316964.31   | 3902241.75  |
| 34.25264  | 316964.72                 | 3902217.50  | 33.09760  | (04081403) | 316965.12   | 3902193.00  |
| 17.86995  | 316965.53                 | 3902168.75  | 35.46364  | (04081403) | 316975.38   | 3902649.50  |
| 17.68421  | 316942.94                 | 3902691.50  | 20.16712  | (04101503) | 316983.25   | 3902607.75  |
| 18.04347  | 316983.66                 | 3902583.50  | 17.85595  | (04101503) | 316984.06   | 3902559.00  |
| 18.47344  | 316984.47                 | 3902534.75  | 18.24650  | (04101503) | 316984.88   | 3902510.25  |
| 20.98960  | 316985.28                 | 3902486.00  | 19.52508  | (04082303) | 316985.69   | 3902461.50  |
| 23.43464  | 316986.09                 | 3902437.25  | 22.27970  | (04082303) | 316986.50   | 3902412.75  |
| 25.30301  | 316986.88                 | 3902388.50  | 24.43753  | (04082303) | 316987.28   | 3902364.00  |
| 26.59896  | 316987.69                 | 3902339.75  | 26.01766  | (04082303) | 316988.09   | 3902315.25  |
| 28.21675  | 316988.50                 | 3902291.00  | 27.34363c | (04091903) | 316988.91   | 3902266.50  |
| 30.41200  | 316989.31                 | 3902242.25  | 29.29573  | (04081403) | 316989.72   | 3902217.75  |
| 32.77060  | 316990.12                 | 3902193.50  | 31.55865  | (04081403) | 316990.53   | 3902169.25  |
| 17.00776  | 317000.38                 | 3902650.00  | 16.44064  | (04101503) | 316985.47   | 3902684.75  |
| 16.40644  | 316960.47                 | 3902709.50  | 18.53300  | (04101503) | 317008.25   | 3902608.25  |
| 16.82289  | 317008.66                 | 3902583.75  | 16.60722  | (04101503) | 317009.06   | 3902559.50  |
| 17.31874  | 317009.47                 | 3902535.00  | 17.06093  | (04101503) | 317009.88   | 3902510.75  |
| 18.34905  | 317010.28                 | 3902486.25  | 17.60674  | (04101503) | 317010.69   | 3902462.00  |
| 20.78020  | 317011.09                 | 3902437.50  | 19.63309  | (04082303) | 317011.47   | 3902413.25  |
| 22.69569  | 317011.88                 | 3902389.00  | 21.79830  | (04082303) | 317012.28   | 3902364.50  |
| 24.07956  | 317012.69                 | 3902340.25  | 23.45073  | (04082303) | 317013.09   | 3902315.75  |
| 26.08442  | 317013.50                 | 3902291.50  | 25.00472  | (04081403) | 317013.91   | 3902267.00  |
| 28.28150  | 317014.31                 | 3902242.75  | 27.16440  | (04081403) | 317014.72   | 3902218.25  |
| 30.65649  | 317015.12                 | 3902194.00  | 29.42855  | (04081403) | 317015.50   | 3902169.50  |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|------------|------------|-------------|-------------|
| 316941.44 | 3902071.00                | 30.61828c   | (04101508) | 316965.31  | 3902071.00  |             |
| 30.26406c | (04101508)                | 316989.19   | 3902071.00 | 317013.09  | 3902071.00  |             |
| 29.36154c | (04101508)                | 317036.97   | 3902071.00 | 317060.84  | 3902071.00  |             |
| 28.17647c | (04101508)                | 317084.75   | 3902071.00 | 317108.62  | 3902071.00  |             |
| 26.73900c | (04101508)                | 317132.50   | 3902071.00 | 317156.38  | 3902071.00  |             |
| 25.01026c | (04101508)                | 317180.28   | 3902071.00 | 317204.16  | 3902071.00  |             |
| 22.86916c | (04101508)                | 317228.06   | 3902071.00 | 317251.94  | 3902071.00  |             |
| 20.05551c | (04101508)                | 317275.81   | 3902071.00 | 317299.69  | 3902071.00  |             |
| 17.90268c | (04111908)                | 317323.59   | 3902071.00 | 316941.44  | 3902096.00  |             |
| 28.89107c | (04081408)                | 316965.31   | 3902096.00 | 316989.19  | 3902096.00  |             |
| 25.16630c | (04101508)                | 317013.09   | 3902096.00 | 317036.97  | 3902096.00  |             |
| 24.17636c | (04101508)                | 317060.84   | 3902096.00 | 317084.75  | 3902096.00  |             |
| 22.94257c | (04101508)                | 317108.62   | 3902096.00 | 317132.50  | 3902096.00  |             |
| 21.45483c | (04101508)                | 317156.38   | 3902096.00 | 317180.28  | 3902096.00  |             |
| 19.68567c | (04101508)                | 317204.16   | 3902096.00 | 317228.06  | 3902096.00  |             |
| 17.60652c | (04101508)                | 317251.94   | 3902096.00 | 317275.81  | 3902096.00  |             |
| 16.49381c | (04111908)                | 317299.69   | 3902096.00 | 317323.59  | 3902096.00  |             |
| 14.78493c | (04020408)                | 316941.44   | 3902121.00 | 316965.31  | 3902121.00  |             |
| 23.86933c | (04081408)                | 316989.19   | 3902121.00 | 317013.09  | 3902121.00  |             |
| 21.75861c | (04101508)                | 317036.97   | 3902121.00 | 317060.84  | 3902121.00  |             |
| 20.69380c | (04101508)                | 317084.75   | 3902121.00 | 317108.62  | 3902121.00  |             |
| 19.38020c | (04101508)                | 317132.50   | 3902121.00 | 317156.38  | 3902121.00  |             |
| 17.83305c | (04101508)                | 317180.28   | 3902121.00 | 317204.16  | 3902121.00  |             |
| 16.13827c | (04101508)                | 317228.06   | 3902121.00 | 317251.94  | 3902121.00  |             |
| 15.43128c | (04111908)                | 317275.81   | 3902121.00 | 317299.69  | 3902121.00  |             |
| 14.14862c | (04111908)                | 317323.59   | 3902121.00 | 316941.44  | 3902146.00  |             |
| 26.79575c | (04082308)                | 316965.31   | 3902146.00 | 316989.19  | 3902146.00  |             |
| 20.11975c | (04081408)                | 317013.09   | 3902146.00 | 317036.97  | 3902146.00  |             |
| 19.09580c | (04101508)                | 317060.84   | 3902146.00 | 317084.75  | 3902146.00  |             |
| 17.92608c | (04101508)                | 317108.62   | 3902146.00 | 317132.50  | 3902146.00  |             |
| 16.54888c | (04101508)                | 317156.38   | 3902146.00 | 317180.28  | 3902146.00  |             |
| 15.08739c | (04101508)                | 317204.16   | 3902146.00 | 317228.06  | 3902146.00  |             |
| 14.55466c | (04111908)                | 317251.94   | 3902146.00 | 317275.81  | 3902146.00  |             |
| 13.80161c | (04111908)                | 317299.69   | 3902146.00 | 317323.59  | 3902146.00  |             |
| 12.46383c | (04111908)                | 317348.53   | 3902047.75 | 317350.34  | 3902023.00  |             |
| 21.53681c | (04020408)                | 317352.16   | 3901998.25 | 317353.97  | 3901973.50  |             |
| 24.66958c | (04020408)                | 317355.78   | 3901948.75 | 317357.59  | 3901924.00  |             |
| 26.58056c | (04020408)                | 317359.41   | 3901899.25 | 317361.22  | 3901874.50  |             |

27.94786c (04020408) 317365.53 3902066.25 17.74042c (04020408) 317375.28 3902025.00  
 18.79201c (04020408) 317377.09 3902000.25 19.85719c (04020408) 317378.91 3901975.25  
 21.05869c (04020408)  
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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|-----------|------------|-------------|-------------|
| 22.92323c | 317380.72                 | 3901950.50  | 22.05506c | (04020408) | 317382.53   | 3901925.75  |
| 24.71019c | 317384.34                 | 3901901.00  | 23.66339c | (04020408) | 317386.16   | 3901876.25  |
| 13.90356c | 317390.47                 | 3902068.00  | 16.88132c | (04020408) | 317357.62   | 3902107.75  |
| 17.82556c | 317400.19                 | 3902026.75  | 17.31899c | (04020408) | 317402.03   | 3902002.00  |
| 19.64105c | 317403.84                 | 3901977.25  | 18.71988c | (04020408) | 317405.62   | 3901952.50  |
| 21.25619c | 317407.47                 | 3901927.75  | 20.45684c | (04020408) | 317409.28   | 3901902.75  |
| 15.88609c | 317411.09                 | 3901878.00  | 22.75474c | (04020408) | 317412.78   | 3902075.25  |
| 12.52310c | 317402.22                 | 3902097.25  | 14.65452c | (04020408) | 317368.97   | 3902128.25  |
| 16.14386c | 317346.28                 | 3902137.00  | 12.33209c | (04111908) | 317423.31   | 3902053.25  |
| 16.42192c | 317425.12                 | 3902028.50  | 16.25727c | (04020408) | 317426.94   | 3902003.75  |
| 17.86512c | 317428.75                 | 3901979.00  | 17.30996c | (04011424) | 317430.59   | 3901954.25  |
| 19.55129c | 317432.38                 | 3901929.50  | 18.63498c | (04020408) | 317434.22   | 3901904.75  |
| 21.55145c | 317436.03                 | 3901880.00  | 21.36316c | (04020408) | 317458.94   | 3901872.75  |
| 20.47023c | 317483.12                 | 3901872.75  | 20.95533c | (04020408) | 317507.28   | 3901872.75  |
| 19.70896c | 317531.47                 | 3901872.75  | 20.06043c | (04020408) | 317555.62   | 3901872.75  |
| 19.15037c | 317579.78                 | 3901872.75  | 19.40706c | (04020408) | 317603.97   | 3901872.75  |
| 18.76880c | 317628.12                 | 3901872.75  | 18.93852c | (04020408) | 317652.31   | 3901872.75  |
| 18.54360c | 317676.47                 | 3901872.75  | 18.63870c | (04020408) | 317700.62   | 3901872.75  |
| 18.44577c | 317724.81                 | 3901872.75  | 18.48812c | (04020408) | 317748.97   | 3901872.75  |
| 18.15548c | 317458.94                 | 3901897.75  | 18.89246c | (04020408) | 317483.12   | 3901897.75  |
| 17.16654c | 317507.28                 | 3901897.75  | 17.59951c | (04020408) | 317531.47   | 3901897.75  |
| 16.56630c | 317555.62                 | 3901897.75  | 16.82760c | (04020408) | 317579.78   | 3901897.75  |
| 16.23614c | 317603.97                 | 3901897.75  | 16.37216c | (04020408) | 317628.12   | 3901897.75  |
| 16.09519c | 317652.31                 | 3901897.75  | 16.14726c | (04020408) | 317676.47   | 3901897.75  |
| 16.06273c | 317700.62                 | 3901897.75  | 16.06996c | (04020408) | 317724.81   | 3901897.75  |
| 17.48181c | 317748.97                 | 3901897.75  | 16.06873c | (04020408) | 317458.94   | 3901922.75  |
| 16.23894c | 317483.12                 | 3901922.75  | 16.77379c | (04011424) | 317507.28   | 3901922.75  |
| 15.41911c | 317531.47                 | 3901922.75  | 15.79467c | (04011424) | 317555.62   | 3901922.75  |

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99.ADO
317579.78 3901922.75 15.10227c (04011424) 317603.97 3901922.75
14.82152c (04011424)
317628.12 3901922.75 14.57560c (04011424) 317652.31 3901922.75
14.36469c (04020408)
317676.47 3901922.75 14.34474c (04020408) 317700.62 3901922.75
14.34413c (04020408)
317724.81 3901922.75 14.35456c (04020408) 317748.97 3901922.75
14.37215c (04020408)
317458.94 3901947.75 16.88850c (04011424) 317483.12 3901947.75
16.12799c (04011424)
317507.28 3901947.75 15.49517c (04011424) 317531.47 3901947.75
14.96116c (04011424)
317555.62 3901947.75 14.50796c (04011424) 317579.78 3901947.75
14.11866c (04011424)
317603.97 3901947.75 13.78370c (04011424) 317628.12 3901947.75
13.49397c (04011424)
317652.31 3901947.75 13.25999c (04011708) 317676.47 3901947.75
13.16065c (04011708)
317700.62 3901947.75 13.05085c (04011708) 317724.81 3901947.75
13.02931c (04020408)
317748.97 3901947.75 13.03079c (04020408) 317773.97 3901847.75
21.06429c (04020408)
317773.97 3901823.25 22.82863c (04011424) 317773.97 3901799.00
24.58551c (04011424)
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*** 05/07/09 ***

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\*\*MODELOPTs:

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CONC

DEFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) Y-COORD (M) |            | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-------------------------|------------|-----------|------------|-------------|-------------|
| CONC                    | (YYMMDDHH) |           |            |             |             |
| 317773.97               | 3901774.50 | 26.08481c | (04020408) | 317773.97   | 3901750.00  |
| 27.70631c               | (04020408) |           |            |             |             |
| 317773.97               | 3901725.50 | 29.09043c | (04020408) | 317773.97   | 3901701.00  |
| 30.27632c               | (04020408) |           |            |             |             |
| 317773.97               | 3901676.50 | 31.22072c | (04020408) | 317773.97   | 3901652.00  |
| 31.87130c               | (04020408) |           |            |             |             |
| 317773.97               | 3901627.50 | 32.18098c | (04020408) | 317773.97   | 3901603.00  |
| 32.12064c               | (04020408) |           |            |             |             |
| 317773.97               | 3901578.75 | 31.70277c | (04020408) | 317773.97   | 3901554.25  |
| 31.86910c               | (04020324) |           |            |             |             |
| 317773.97               | 3901529.75 | 32.70909c | (04020324) | 317773.97   | 3901505.25  |
| 33.50022c               | (04020324) |           |            |             |             |
| 317773.97               | 3901480.75 | 34.20892c | (04020324) | 317773.97   | 3901456.25  |
| 34.66610c               | (04020324) |           |            |             |             |
| 317791.66               | 3901865.50 | 18.87398c | (04020408) | 317798.97   | 3901823.25  |
| 20.31488c               | (04011424) |           |            |             |             |
| 317798.97               | 3901799.00 | 21.93669c | (04011424) | 317798.97   | 3901774.50  |
| 22.75228c               | (04020408) |           |            |             |             |
| 317798.97               | 3901750.00 | 24.18653c | (04020408) | 317798.97   | 3901725.50  |
| 25.46151c               | (04020408) |           |            |             |             |
| 317798.97               | 3901701.00 | 26.55495c | (04020408) | 317798.97   | 3901676.50  |
| 27.42251c               | (04020408) |           |            |             |             |
| 317798.97               | 3901652.00 | 28.00307c | (04020408) | 317798.97   | 3901627.50  |
| 28.24111c               | (04020408) |           |            |             |             |
| 317798.97               | 3901603.00 | 28.10754c | (04020408) | 317798.97   | 3901578.75  |
| 27.60927c               | (04020408) |           |            |             |             |
| 317798.97               | 3901554.25 | 27.82454c | (04020324) | 317798.97   | 3901529.75  |
| 28.61963c               | (04020324) |           |            |             |             |
| 317798.97               | 3901505.25 | 29.37389c | (04020324) | 317798.97   | 3901480.75  |
| 30.07263c               | (04020324) |           |            |             |             |
| 317798.97               | 3901456.25 | 30.55697c | (04020324) | 317816.66   | 3901865.50  |
| 18.14332c               | (04020408) |           |            |             |             |
| 317784.34               | 3901908.25 | 15.33589c | (04020408) | 317823.97   | 3901823.25  |
| 18.67215c               | (04020408) |           |            |             |             |
| 317823.97               | 3901799.00 | 20.07781c | (04011424) | 317823.97   | 3901774.50  |
| 20.90270c               | (04011424) |           |            |             |             |
| 317823.97               | 3901750.00 | 21.78551c | (04020408) | 317823.97   | 3901725.50  |

|                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| 22.94017c (04020408) | 317823.97 3901701.00 | 23.93751c (04020408) | 317823.97 3901676.50 |
| 24.73025c (04020408) | 317823.97 3901652.00 | 25.25222c (04020408) | 317823.97 3901627.50 |
| 25.44452c (04020408) | 317823.97 3901603.00 | 25.27134c (04020408) | 317823.97 3901578.75 |
| 25.14562c (04050808) | 317823.97 3901554.25 | 25.62220c (04050808) | 317823.97 3901529.75 |
| 25.95988c (04050808) | 317823.97 3901505.25 | 26.47939c (04020324) | 317823.97 3901480.75 |
| 27.15698c (04020324) | 317823.97 3901456.25 | 27.68211c (04020324) | 317841.66 3901865.50 |
| 17.37662c (04020408) | 317827.00 3901900.75 | 15.81806c (04020408) | 317802.00 3901925.75 |
| 14.23697c (04020408) | 317848.97 3901823.25 | 17.64632c (04020408) | 317848.97 3901799.00 |
| 18.62699c (04011424) | 317848.97 3901774.50 | 19.44533c (04011424) | 317848.97 3901750.00 |
| 19.92199c (04020408) | 317848.97 3901725.50 | 20.96847c (04020408) | 317848.97 3901701.00 |
| 21.86924c (04020408) | 317848.97 3901676.50 | 22.57529c (04020408) | 317848.97 3901652.00 |
| 23.02839c (04020408) | 317848.97 3901627.50 | 23.17156c (04020408) | 317848.97 3901603.00 |
| 22.96726c (04020408) | 317848.97 3901578.75 | 23.39354c (04050808) | 317848.97 3901554.25 |
| 23.93389c (04050808) | 317848.97 3901529.75 | 24.33006c (04050808) | 317848.97 3901505.25 |
| 24.60227c (04050808) | 317848.97 3901480.75 | 24.86668c (04020324) | 317848.97 3901456.25 |
| 25.41301c (04020324) | 317749.88 3901431.25 | 34.35608 (04022724)  | 317725.69 3901430.50 |
| 37.06974 (04022724)  | 317701.53 3901429.50 | 37.92519 (04022724)  | 317677.34 3901428.75 |
| 38.49558 (04022724)  | 317653.19 3901428.00 | 38.90299 (04022724)  | 317629.00 3901427.00 |
| 39.16541 (04022724)  | 317604.84 3901426.25 | 39.67645c (04082308) | 317580.69 3901425.25 |
| 40.10635c (04082308) | 317556.50 3901424.50 | 40.93010c (04030424) | 317532.34 3901423.50 |
| 41.85394c (04030424) | 317508.16 3901422.75 | 42.80709c (04030424) | 317484.00 3901422.00 |
| 43.70327c (04030424) |                      |                      |                      |

\*\*\* AERMOD - VERSION 07026 \*\*\*  
 \*\*\* 05/07/09

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\*\*\* 12:32:17

\*\*MODELOPTs:

PAGE 56

CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC                 | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC<br>(YYMMDDHH)   | X-COORD (M) | Y-COORD (M) |
|----------------------|---------------------------|-------------|----------------------|-------------|-------------|
| 45.26469c (04030424) | 317459.84                 | 3901421.00  | 44.45662c (04030424) | 317435.66   | 3901420.25  |
| 46.77658c (04030424) | 317411.50                 | 3901419.25  | 45.95785c (04030424) | 317387.31   | 3901418.50  |
| 29.12897c (04020324) | 317363.16                 | 3901417.75  | 47.62393c (04030424) | 317767.84   | 3901414.00  |
| 33.36204 (04022724)  | 317726.56                 | 3901405.50  | 32.51224 (04022724)  | 317702.41   | 3901404.50  |
| 34.32110 (04022724)  | 317678.25                 | 3901403.75  | 33.91518 (04022724)  | 317654.06   | 3901403.00  |
| 34.91622 (04022724)  | 317629.91                 | 3901402.00  | 34.61798 (04022724)  | 317605.72   | 3901401.25  |
| 35.61869c (04082308) | 317581.56                 | 3901400.25  | 35.17326 (04022724)  | 317557.38   | 3901399.50  |
| 36.36481c (04082308) | 317533.22                 | 3901398.75  | 36.01727c (04082308) | 317509.06   | 3901397.75  |
| 37.69418c (04030424) | 317484.88                 | 3901397.00  | 36.90662c (04030424) | 317460.72   | 3901396.00  |

|                                |            | 99.ADO                   |           |            |
|--------------------------------|------------|--------------------------|-----------|------------|
| 317436.53                      | 3901395.25 | 38.50211c (04030424)     | 317412.38 | 3901394.25 |
| 39.25972c (04030424)           |            |                          |           |            |
| 317388.19                      | 3901393.50 | 40.09504c (04030424)     | 317364.03 | 3901392.75 |
| 41.28794c (04030424)           |            |                          |           |            |
| 317768.72                      | 3901389.00 | 27.19975 (04022724)      | 317809.94 | 3901421.50 |
| 27.78070c (04020324)           |            |                          |           |            |
| 317727.47                      | 3901380.50 | 29.80832 (04022724)      | 317703.28 | 3901379.50 |
| 30.60178 (04022724)            |            |                          |           |            |
| 317679.12                      | 3901378.75 | 31.13378 (04022724)      | 317654.94 | 3901378.00 |
| 31.52874 (04022724)            |            |                          |           |            |
| 317630.78                      | 3901377.00 | 31.82906 (04022724)      | 317606.62 | 3901376.25 |
| 32.11759 (04022724)            |            |                          |           |            |
| 317582.44                      | 3901375.25 | 32.37084 (04022724)      | 317558.28 | 3901374.50 |
| 32.63889 (04022724)            |            |                          |           |            |
| 317534.09                      | 3901373.75 | 32.96221c (04082308)     | 317509.94 | 3901372.75 |
| 33.39549c (04082308)           |            |                          |           |            |
| 317485.75                      | 3901372.00 | 33.88432c (04082308)     | 317461.59 | 3901371.00 |
| 34.40380c (04082308)           |            |                          |           |            |
| 317437.41                      | 3901370.25 | 35.03126c (04082308)     | 317413.25 | 3901369.50 |
| 35.85376c (04082308)           |            |                          |           |            |
| 317389.09                      | 3901368.50 | 37.23257c (04082308)     | 317364.91 | 3901367.75 |
| 39.81854c (04082308)           |            |                          |           |            |
| 317769.62                      | 3901364.00 | 25.90518 (04022724)      | 317803.81 | 3901379.25 |
| 24.39024c (04020324)           |            |                          |           |            |
| 317827.94                      | 3901404.25 | 25.42428c (04020324)     | 317728.34 | 3901355.50 |
| 27.91552 (04022724)            |            |                          |           |            |
| 317704.16                      | 3901354.75 | 28.65142 (04022724)      | 317680.00 | 3901353.75 |
| 29.14511 (04022724)            |            |                          |           |            |
| 317655.84                      | 3901353.00 | 29.52695 (04022724)      | 317631.66 | 3901352.00 |
| 29.81997 (04022724)            |            |                          |           |            |
| 317607.50                      | 3901351.25 | 30.09197 (04022724)      | 317583.31 | 3901350.25 |
| 30.32690 (04022724)            |            |                          |           |            |
| 317559.16                      | 3901349.50 | 30.56145 (04022724)      | 317534.97 | 3901348.75 |
| 30.76932 (04022724)            |            |                          |           |            |
| 317510.81                      | 3901347.75 | 31.30058c (04082308)     | 317486.62 | 3901347.00 |
| 31.89258c (04082308)           |            |                          |           |            |
| 317462.47                      | 3901346.00 | 32.51867c (04082308)     | 317438.31 | 3901345.25 |
| 33.27977c (04082308)           |            |                          |           |            |
| 317414.12                      | 3901344.50 | 34.37037c (04082308)     | 317389.97 | 3901343.50 |
| 36.10203c (04082308)           |            |                          |           |            |
| 317365.81                      | 3901342.75 | 38.86052c (04082308)     | 317358.56 | 3901318.50 |
| 39.52433c (04082308)           |            |                          |           |            |
| 317357.62                      | 3901294.00 | 39.24099c (04082308)     | 317356.72 | 3901269.50 |
| 38.98044c (04082308)           |            |                          |           |            |
| 317355.84                      | 3901245.00 | 38.71286c (04082308)     | 317354.91 | 3901220.50 |
| 38.42458c (04082308)           |            |                          |           |            |
| 317354.00                      | 3901196.25 | 38.10436c (04082308)     | 317353.12 | 3901171.75 |
| 37.71008c (04082308)           |            |                          |           |            |
| 317352.19                      | 3901147.25 | 37.75571 (04022724)      | 317351.28 | 3901122.75 |
| 37.90867 (04022724)            |            |                          |           |            |
| 317350.38                      | 3901098.25 | 38.05750 (04022724)      | 317349.47 | 3901073.75 |
| 38.16099 (04022724)            |            |                          |           |            |
| 317348.56                      | 3901049.25 | 38.03613 (04022724)      | 317383.53 | 3901317.50 |
| 35.93568c (04082308)           |            |                          |           |            |
| 317382.62                      | 3901293.00 | 35.42589c (04082308)     | 317381.72 | 3901268.75 |
| 34.99572c (04082308)           |            |                          |           |            |
| 317380.81                      | 3901244.25 | 34.59686c (04082308)     | 317379.91 | 3901219.75 |
| 34.20541c (04082308)           |            |                          |           |            |
| 317379.00                      | 3901195.25 | 33.79258c (04082308)     | 317378.09 | 3901170.75 |
| 33.33219c (04082308)           |            |                          |           |            |
| 317377.19                      | 3901146.25 | 33.19908 (04022724)      | 317376.28 | 3901121.75 |
| 33.27824 (04022724)            |            |                          |           |            |
| *** AERMOD - VERSION 07026 *** |            | *** C:\Lakes\BFD\BFD.isc |           |            |
| *** 05/07/09                   |            | ***                      |           |            |
| *** 12:32:17                   |            |                          |           |            |
| **MODELOPTs:                   |            |                          |           |            |
| PAGE 57                        |            |                          |           |            |
| CONC                           |            | DEFAULT ELEV             |           |            |

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\* INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

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

|                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| 33.39964 (04022724)  | 317375.38 3901097.25 | 33.35357 (04022724)  | 317374.47 3901072.75 |
| 33.73949c (04082308) | 317373.56 3901048.50 | 33.33022 (04022724)  | 317408.50 3901316.75 |
| 32.57156c (04082308) | 317407.62 3901292.25 | 33.12120c (04082308) | 317406.69 3901267.75 |
| 31.53942c (04082308) | 317405.78 3901243.25 | 32.04890c (04082308) | 317404.88 3901218.75 |
| 30.45951c (04082308) | 317403.97 3901194.25 | 31.01627c (04082308) | 317403.06 3901169.75 |
| 30.25261 (04022724)  | 317402.16 3901145.25 | 30.24529 (04022724)  | 317401.25 3901120.75 |
| 30.26691 (04022724)  | 317400.34 3901096.50 | 30.26795 (04022724)  | 317399.44 3901072.00 |
| 32.15002c (04082308) | 317398.53 3901047.50 | 30.19002 (04022724)  | 317433.50 3901315.75 |
| 30.81240c (04082308) | 317432.59 3901291.25 | 31.42271c (04082308) | 317431.69 3901266.75 |
| 29.64804c (04082308) | 317430.78 3901242.25 | 30.23265c (04082308) | 317429.88 3901217.75 |
| 28.40198c (04082308) | 317428.97 3901193.25 | 29.04036c (04082308) | 317428.06 3901169.00 |
| 28.07020 (04022724)  | 317427.16 3901144.50 | 28.13643 (04022724)  | 317426.25 3901120.00 |
| 27.97169 (04022724)  | 317425.34 3901095.50 | 28.02194 (04022724)  | 317424.44 3901071.00 |
| 41.05652 (04022724)  | 317423.53 3901046.50 | 27.88604 (04022724)  | 317323.06 3901025.25 |
| 49.25481c (04011608) | 317298.91 3901025.75 | 44.72840c (04011608) | 317274.72 3901026.25 |
| 54.39859c (04011608) | 317250.56 3901026.75 | 52.28427c (04011608) | 317226.38 3901027.25 |
| 56.95144c (04011608) | 317202.22 3901027.75 | 55.87082c (04011608) | 317178.06 3901028.25 |
| 58.60656c (04011608) | 317153.88 3901028.75 | 57.83370c (04011608) | 317129.72 3901029.25 |
| 59.79707c (04011608) | 317105.53 3901029.75 | 59.27471c (04011608) | 317081.38 3901030.25 |
| 60.30330c (04011608) | 317057.19 3901030.75 | 60.14154c (04011608) | 317033.03 3901031.25 |
| 60.16194c (04011608) | 317008.88 3901031.75 | 60.29939c (04011608) | 316984.69 3901032.25 |
| 60.53151c (04030424) | 316960.53 3901032.75 | 60.09474c (04030424) | 316936.34 3901033.25 |
| 61.08212c (04012308) | 316912.19 3901033.75 | 60.82760c (04030424) | 316888.00 3901034.25 |
| 61.95643c (04012308) | 316863.84 3901034.75 | 61.58953c (04012308) | 316839.66 3901035.25 |
| 62.49293c (04012308) | 316815.50 3901035.75 | 62.24854c (04012308) | 316791.34 3901036.25 |
| 63.16069c (04122608) | 316767.16 3901036.75 | 62.70627c (04012308) | 316743.00 3901037.25 |
| 64.21354c (04122608) | 316718.81 3901037.75 | 63.75234c (04122608) | 316694.66 3901038.25 |
| 63.76663c (04012308) | 316670.47 3901038.75 | 64.52206c (04122608) | 316646.31 3901039.25 |
| 36.32209c (04011608) | 316622.12 3901039.75 | 58.68546c (04012308) | 317340.22 3901007.00 |
| 43.07585c (04011608) | 317298.38 3901000.75 | 39.48372c (04011608) | 317274.22 3901001.25 |
| 48.15919c (04011608) | 317250.06 3901001.75 | 46.04513c (04011608) | 317225.88 3901002.25 |
| 50.71621c (04011608) | 317201.72 3901002.75 | 49.65065c (04011608) | 317177.53 3901003.25 |
| 52.28186c (04011608) | 317153.38 3901003.75 | 51.56805c (04011608) | 317129.19 3901004.25 |
| 53.36940c (04011608) | 317105.03 3901004.75 | 52.88218c (04011608) | 317080.88 3901005.25 |
| 53.80836c (04011608) | 317056.69 3901005.75 | 53.68565c (04011608) | 317032.53 3901006.25 |
| 53.50615c (04011608) | 317008.34 3901006.75 | 53.74193c (04011608) | 316984.19 3901007.25 |
| 54.34011c (04012308) | 316960.00 3901007.75 | 53.42069c (04012308) | 316935.84 3901008.25 |
| 55.77901c (04012308) | 316911.66 3901008.75 | 55.14079c (04012308) | 316887.50 3901009.25 |
| 56.60450c (04012308) | 316863.34 3901009.75 | 56.25696c (04012308) | 316839.16 3901010.25 |
| 57.05121c (04012308) | 316815.00 3901010.75 | 56.85759c (04012308) | 316790.81 3901011.25 |

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\*\*\* 05/07/09

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\*\*MODELOPTS:

PAGE 58

CONC

DEFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |             | IN MICROGRAMS/M**3 |            | **          |             |
|------------------|-------------|--------------------|------------|-------------|-------------|
| X-COORD (M)      | Y-COORD (M) | CONC               | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
| CONC             | (YYMMDDHH)  |                    |            |             |             |
| 316766.66        | 3901011.75  | 57.21608c          | (04012308) | 316742.47   | 3901012.25  |
| 57.35226c        | (04012308)  |                    |            |             |             |
| 316718.31        | 3901012.75  | 57.48571c          | (04012308) | 316694.12   | 3901013.25  |
| 57.75008c        | (04122608)  |                    |            |             |             |
| 316669.97        | 3901013.75  | 57.96185c          | (04122608) | 316645.81   | 3901014.25  |
| 58.13243c        | (04012308)  |                    |            |             |             |
| 316621.62        | 3901014.75  | 55.62831c          | (04012308) | 317339.72   | 3900982.00  |
| 34.62889c        | (04011608)  |                    |            |             |             |
| 317382.88        | 3901013.00  | 31.50850           | (04022724) | 317297.88   | 3900975.75  |
| 36.36490c        | (04011608)  |                    |            |             |             |
| 317273.69        | 3900976.25  | 39.04547c          | (04011608) | 317249.53   | 3900976.75  |
| 41.72709c        | (04011608)  |                    |            |             |             |
| 317225.38        | 3900977.25  | 43.85038c          | (04011608) | 317201.19   | 3900977.75  |
| 45.37440c        | (04011608)  |                    |            |             |             |
| 317177.03        | 3900978.25  | 46.46242c          | (04011608) | 317152.84   | 3900978.75  |
| 47.29607c        | (04011608)  |                    |            |             |             |
| 317128.69        | 3900979.25  | 47.98985c          | (04011608) | 317104.50   | 3900979.75  |
| 48.58625c        | (04011608)  |                    |            |             |             |
| 317080.34        | 3900980.25  | 49.06677c          | (04011608) | 317056.16   | 3900980.75  |
| 49.38957c        | (04011608)  |                    |            |             |             |
| 317032.00        | 3900981.25  | 49.51863c          | (04011608) | 317007.84   | 3900981.75  |
| 49.44420c        | (04011608)  |                    |            |             |             |
| 316983.66        | 3900982.25  | 49.17575c          | (04011608) | 316959.50   | 3900982.75  |
| 49.61506c        | (04012308)  |                    |            |             |             |
| 316935.31        | 3900983.25  | 50.49337c          | (04012308) | 316911.16   | 3900983.75  |
| 51.28141c        | (04012308)  |                    |            |             |             |
| 316886.97        | 3900984.25  | 51.92659c          | (04012308) | 316862.81   | 3900984.75  |
| 52.41333c        | (04012308)  |                    |            |             |             |
| 316838.62        | 3900985.25  | 52.76056c          | (04012308) | 316814.47   | 3900985.75  |
| 53.00093c        | (04012308)  |                    |            |             |             |
| 316790.31        | 3900986.25  | 53.17149c          | (04012308) | 316766.12   | 3900986.75  |
| 53.30127c        | (04012308)  |                    |            |             |             |
| 316741.97        | 3900987.25  | 53.41385c          | (04012308) | 316717.78   | 3900987.75  |
| 53.52006c        | (04012308)  |                    |            |             |             |
| 316693.62        | 3900988.25  | 53.62863c          | (04012308) | 316669.44   | 3900988.75  |
| 53.74808c        | (04012308)  |                    |            |             |             |
| 316645.28        | 3900989.25  | 53.87798c          | (04012308) | 316621.12   | 3900989.75  |
| 53.05207c        | (04012308)  |                    |            |             |             |
| 317339.19        | 3900957.00  | 32.94164c          | (04011608) | 317374.56   | 3900970.75  |
| 30.35430         | (04022724)  |                    |            |             |             |
| 317400.06        | 3900994.75  | 29.38555           | (04022724) | 317297.34   | 3900950.75  |
| 34.09167c        | (04011608)  |                    |            |             |             |
| 317273.19        | 3900951.25  | 36.18045c          | (04011608) | 317249.00   | 3900951.75  |
| 38.41171c        | (04011608)  |                    |            |             |             |
| 317224.84        | 3900952.25  | 40.44727c          | (04011608) | 317200.66   | 3900952.75  |
| 42.00690c        | (04011608)  |                    |            |             |             |
| 317176.50        | 3900953.25  | 43.13527c          | (04011608) | 317152.34   | 3900953.75  |
| 43.98232c        | (04011608)  |                    |            |             |             |
| 317128.16        | 3900954.25  | 44.66995c          | (04011608) | 317104.00   | 3900954.75  |
| 45.25154c        | (04011608)  |                    |            |             |             |
| 317079.81        | 3900955.25  | 45.72456c          | (04011608) | 317055.66   | 3900955.75  |
| 46.05157c        | (04011608)  |                    |            |             |             |
| 317031.47        | 3900956.25  | 46.19128c          | (04011608) | 317007.31   | 3900956.75  |
| 46.11990c        | (04011608)  |                    |            |             |             |
| 316983.12        | 3900957.25  | 45.83571c          | (04011608) | 316958.97   | 3900957.75  |
| 46.55731c        | (04012308)  |                    |            |             |             |
| 316934.81        | 3900958.25  | 47.40211c          | (04012308) | 316910.62   | 3900958.75  |
| 48.19070c        | (04012308)  |                    |            |             |             |
| 316886.47        | 3900959.25  | 48.85674c          | (04012308) | 316862.28   | 3900959.75  |
| 49.37236c        | (04012308)  |                    |            |             |             |
| 316838.12        | 3900960.25  | 49.74260c          | (04012308) | 316813.94   | 3900960.75  |
| 49.99539c        | (04012308)  |                    |            |             |             |

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316789.78 3900961.25 50.16484c (04012308) 316765.62 3900961.75
50.28282c (04012308) 316741.44 3900962.25 50.37420c (04012308) 316717.28 3900962.75
50.45398c (04012308) 316693.09 3900963.25 50.58870c (04122608) 316668.94 3900963.75
50.61526c (04012308) 316644.75 3900964.25 50.70224c (04012308) 316620.59 3900964.75
50.46539c (04012308) 316598.25 3901059.25 56.15466c (04012308) 316592.91 3901083.50
57.69527c (04012308) 316587.56 3901107.50 57.93820c (04012308) 316582.19 3901131.50
57.86899c (04012308) 316576.84 3901155.75 57.77060c (04012308) 316571.47 3901179.75
57.69620c (04012308) 316566.12 3901204.00 57.71706c (04012308) 316560.78 3901228.00
57.82089c (04012308) 316555.41 3901252.00 58.00395c (04012308) 316550.06 3901276.25
58.28978c (04012308)
*** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 05/07/09 ***

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**MODELOPTs:

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CONC

DFAULT ELEV

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) Y-COORD (M) |            | CONC      | (YYMMDDHH) | X-COORD (M) Y-COORD (M) |            |
|-------------------------|------------|-----------|------------|-------------------------|------------|
| CONC                    | (YYMMDDHH) |           |            |                         |            |
| 59.03296c               | (04012308) | 58.62896c | (04012308) | 316539.38               | 3901324.25 |
| 60.01761c               | (04012308) | 59.50643c | (04012308) | 316528.66               | 3901372.50 |
| 61.10887c               | (04012308) | 60.56932c | (04012308) | 316517.94               | 3901420.75 |
| 62.03265c               | (04012308) | 61.60727c | (04012308) | 316507.22               | 3901469.00 |
| 62.49277c               | (04012308) | 62.33072c | (04012308) | 316496.53               | 3901517.00 |
| 62.41848c               | (04012308) | 62.52379c | (04012308) | 316485.81               | 3901565.25 |
| 61.86036c               | (04012308) | 62.20355c | (04012308) | 316475.09               | 3901613.50 |
| 60.90649c               | (04012308) | 61.42783c | (04012308) | 316464.38               | 3901661.75 |
| 59.61768c               | (04012308) | 60.29893c | (04012308) | 316453.69               | 3901710.00 |
| 57.98465c               | (04012308) | 58.84597c | (04012308) | 316442.97               | 3901758.00 |
| 56.08608c               | (04012308) | 57.06378c | (04012308) | 316432.28               | 3901806.25 |
| 54.00632c               | (04012308) | 55.04512c | (04012308) | 316421.56               | 3901854.50 |
| 51.93969c               | (04012308) | 52.96017c | (04012308) | 316410.84               | 3901902.75 |
| 49.82973c               | (04012308) | 50.90953c | (04012308) | 316400.12               | 3901950.75 |
| 47.40614c               | (04012308) | 48.67727c | (04012308) | 316389.44               | 3901999.00 |
| 44.61348c               | (04012308) | 46.03518c | (04012308) | 316378.72               | 3902047.25 |
| 41.92492c               | (04012308) | 43.23376c | (04012308) | 316368.00               | 3902095.50 |
| 39.52337c               | (04012308) | 40.70047c | (04012308) | 316357.31               | 3902143.50 |
| 37.17053c               | (04012308) | 38.35237c | (04012308) | 316346.59               | 3902191.75 |
| 37.88291c               | (04030808) | 37.53597c | (04030808) | 316335.88               | 3902240.00 |
| 38.55972c               | (04030808) | 38.22476c | (04030808) | 316325.19               | 3902288.25 |
|                         |            | 38.83456c | (04030808) | 316314.47               | 3902336.25 |



|                      |                      |           |            |
|----------------------|----------------------|-----------|------------|
| 39.05219c (04030808) |                      |           |            |
| 316309.12 3902360.50 | 39.18607c (04030808) | 316303.75 | 3902384.50 |
| 39.16705c (04030808) |                      |           |            |
| 316298.41 3902408.75 | 39.01979c (04030808) | 316293.06 | 3902432.75 |
| 38.71532c (04030808) |                      |           |            |
| 316287.69 3902456.75 | 38.24237c (04030808) | 316282.34 | 3902481.00 |
| 37.60839c (04030808) |                      |           |            |
| 316277.00 3902505.00 | 36.71918c (04030808) | 316271.62 | 3902529.25 |
| 35.49300c (04030808) |                      |           |            |
| 316266.28 3902553.25 | 33.82150c (04030808) | 316260.91 | 3902577.25 |
| 31.49205c (04030808) |                      |           |            |
| 316255.56 3902601.50 | 28.84826c (04051408) | 316250.22 | 3902625.50 |
| 28.61300c (04092208) |                      |           |            |
| 316582.41 3901040.00 | 49.46474c (04012308) | 316568.50 | 3901078.00 |
| 51.72875c (04012308) |                      |           |            |
| 316563.12 3901102.00 | 52.25777c (04012308) | 316557.78 | 3901126.25 |
| 52.40766c (04012308) |                      |           |            |
| 316552.44 3901150.25 | 52.46749c (04012308) | 316547.09 | 3901174.25 |
| 52.55488c (04012308) |                      |           |            |
| 316541.72 3901198.50 | 52.72187c (04012308) | 316536.38 | 3901222.50 |
| 52.93750c (04012308) |                      |           |            |
| 316531.00 3901246.75 | 53.21864c (04012308) | 316525.66 | 3901270.75 |
| 53.53852c (04012308) |                      |           |            |
| 316520.31 3901294.75 | 53.89734c (04012308) | 316514.94 | 3901319.00 |
| 54.29424c (04012308) |                      |           |            |
| 316509.59 3901343.00 | 54.71307c (04012308) | 316504.25 | 3901367.25 |
| 55.15413c (04012308) |                      |           |            |
| 316498.88 3901391.25 | 55.60252c (04012308) | 316493.53 | 3901415.25 |
| 56.04090c (04012308) |                      |           |            |
| 316488.19 3901439.50 | 56.44326c (04012308) | 316482.81 | 3901463.50 |
| 56.73775c (04012308) |                      |           |            |
| 316477.47 3901487.50 | 56.91864c (04012308) | 316472.12 | 3901511.75 |
| 56.98557c (04012308) |                      |           |            |
| 316466.75 3901535.75 | 56.88159c (04012308) | 316461.41 | 3901560.00 |
| 56.66253c (04012308) |                      |           |            |
| 316456.06 3901584.00 | 56.32198c (04012308) | 316450.69 | 3901608.00 |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) Y-COORD (M) |            | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-------------------------|------------|-----------|------------|-------------|-------------|
| CONC                    | (YYMMDDHH) |           |            |             |             |
| 316445.34               | 3901632.25 | 55.36476c | (04012308) | 316440.00   | 3901656.25  |
| 54.77250c               | (04012308) |           |            |             |             |
| 316434.62               | 3901680.25 | 54.10707c | (04012308) | 316429.28   | 3901704.50  |
| 53.38958c               | (04012308) |           |            |             |             |
| 316423.94               | 3901728.50 | 52.60168c | (04012308) | 316418.56   | 3901752.75  |
| 51.74207c               | (04012308) |           |            |             |             |
| 316413.22               | 3901776.75 | 50.81897c | (04012308) | 316407.88   | 3901800.75  |
| 49.83902c               | (04012308) |           |            |             |             |
| 316402.50               | 3901825.00 | 48.81498c | (04012308) | 316397.16   | 3901849.00  |
| 47.77885c               | (04012308) |           |            |             |             |
| 316391.81               | 3901873.25 | 46.74559c | (04012308) | 316386.44   | 3901897.25  |
| 45.71260c               | (04012308) |           |            |             |             |
| 316381.09               | 3901921.25 | 44.68287c | (04012308) | 316375.75   | 3901945.50  |
| 43.62183c               | (04012308) |           |            |             |             |
| 316370.38               | 3901969.50 | 42.47851c | (04012308) | 316365.03   | 3901993.50  |
| 41.23876c               | (04012308) |           |            |             |             |
| 316359.66               | 3902017.75 | 39.89073c | (04012308) | 316354.31   | 3902041.75  |
| 38.49991c               | (04012308) |           |            |             |             |
| 316348.97               | 3902066.00 | 37.12201c | (04012308) | 316343.62   | 3902090.00  |
| 35.81094c               | (04012308) |           |            |             |             |
| 316338.25               | 3902114.00 | 34.56565c | (04012308) | 316332.91   | 3902138.25  |
| 33.37925c               | (04012308) |           |            |             |             |
| 316327.56               | 3902162.25 | 32.36612c | (04030808) | 316322.19   | 3902186.25  |
| 32.69653c               | (04030808) |           |            |             |             |

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|                      |                      |                      |
|----------------------|----------------------|----------------------|
| 316316.84 3902210.50 | 33.05376c (04030808) | 316311.47 3902234.50 |
| 33.39216c (04030808) |                      |                      |
| 316306.12 3902258.75 | 33.72299c (04030808) | 316300.78 3902282.75 |
| 34.03843c (04030808) |                      |                      |
| 316295.41 3902306.75 | 34.32745c (04030808) | 316290.06 3902331.00 |
| 34.55930c (04030808) |                      |                      |
| 316284.72 3902355.00 | 34.69139c (04030808) | 316279.38 3902379.25 |
| 34.71497c (04030808) |                      |                      |
| 316274.00 3902403.25 | 34.59081c (04030808) | 316268.66 3902427.25 |
| 34.32793c (04030808) |                      |                      |
| 316263.28 3902451.50 | 33.91156c (04030808) | 316257.94 3902475.50 |
| 33.32001c (04030808) |                      |                      |
| 316252.59 3902499.50 | 32.50239c (04030808) | 316247.22 3902523.75 |
| 31.36555c (04030808) |                      |                      |
| 316241.88 3902547.75 | 29.81582c (04030808) | 316236.53 3902572.00 |
| 27.65891c (04030808) |                      |                      |
| 316231.16 3902596.00 | 25.97365c (04092208) | 316225.81 3902620.00 |
| 25.85817c (04092208) |                      |                      |
| 316562.28 3901027.50 | 44.87468c (04012308) | 316598.12 3900998.25 |
| 49.27571c (04012308) |                      |                      |
| 316549.44 3901048.50 | 45.33118c (04012308) | 316544.09 3901072.50 |
| 47.21077c (04012308) |                      |                      |
| 316538.75 3901096.75 | 48.07684c (04012308) | 316533.38 3901120.75 |
| 48.41894c (04012308) |                      |                      |
| 316528.03 3901144.75 | 48.63659c (04012308) | 316522.66 3901169.00 |
| 48.85452c (04012308) |                      |                      |
| 316517.31 3901193.00 | 49.10418c (04012308) | 316511.97 3901217.25 |
| 49.39599c (04012308) |                      |                      |
| 316506.62 3901241.25 | 49.70592c (04012308) | 316501.25 3901265.25 |
| 50.02940c (04012308) |                      |                      |
| 316495.91 3901289.50 | 50.37577c (04012308) | 316490.56 3901313.50 |
| 50.71862c (04012308) |                      |                      |
| 316485.19 3901337.50 | 51.06305c (04012308) | 316479.84 3901361.75 |
| 51.42675c (04012308) |                      |                      |
| 316474.47 3901385.75 | 51.77043c (04012308) | 316469.12 3901410.00 |
| 52.10475c (04012308) |                      |                      |
| 316463.78 3901434.00 | 52.37211c (04012308) | 316458.41 3901458.00 |
| 52.54612c (04012308) |                      |                      |
| 316453.06 3901482.25 | 52.61792c (04012308) | 316447.72 3901506.25 |
| 52.54588c (04012308) |                      |                      |
| 316442.38 3901530.25 | 52.34259c (04012308) | 316437.00 3901554.50 |
| 52.01931c (04012308) |                      |                      |
| 316431.66 3901578.50 | 51.59240c (04012308) | 316426.28 3901602.75 |
| 51.08067c (04012308) |                      |                      |
| 316420.94 3901626.75 | 50.50151c (04012308) | 316415.59 3901650.75 |
| 49.86573c (04012308) |                      |                      |
| 316410.22 3901675.00 | 49.17578c (04012308) | 316404.88 3901699.00 |
| 48.43771c (04012308) |                      |                      |
| 316399.53 3901723.25 | 47.64683c (04012308) | 316394.16 3901747.25 |
| 46.78976c (04012308) |                      |                      |
| 316388.81 3901771.25 | 45.87803c (04012308) | 316383.47 3901795.50 |
| 44.91193c (04012308) |                      |                      |
| 316378.09 3901819.50 | 43.90004c (04012308) | 316372.75 3901843.50 |
| 42.87215c (04012308) |                      |                      |
| 316367.38 3901867.75 | 41.83483c (04012308) | 316362.03 3901891.75 |
| 40.80904c (04012308) |                      |                      |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC                 | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M)<br>(YYMMDDHH) | CONC<br>(YYMMDDHH)   | X-COORD (M) | Y-COORD (M) |
|----------------------|---------------------------|---------------------------|----------------------|-------------|-------------|
| 38.72558c (04012308) | 316356.69                 | 3901916.00                | 39.78036c (04012308) | 316351.34   | 3901940.00  |
| 36.38666c (04012308) | 316345.97                 | 3901964.00                | 37.60176c (04012308) | 316340.62   | 3901988.25  |
|                      | 316335.28                 | 3902012.25                | 35.07884c (04012308) | 316329.91   | 3902036.50  |

|                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| 33.70164c (04012308) | 316324.56 3902060.50 | 32.33467c (04012308) | 316319.19 3902084.50 |
| 31.01237c (04012308) | 316313.84 3902108.75 | 29.75944c (04012308) | 316308.50 3902132.75 |
| 28.82345c (04030808) | 316303.12 3902156.75 | 29.12646c (04030808) | 316297.78 3902181.00 |
| 29.45712c (04030808) | 316292.44 3902205.00 | 29.78539c (04030808) | 316287.09 3902229.25 |
| 30.12378c (04030808) | 316281.72 3902253.25 | 30.44288c (04030808) | 316276.38 3902277.25 |
| 30.74939c (04030808) | 316271.00 3902301.50 | 31.02871c (04030808) | 316265.66 3902325.50 |
| 31.24686c (04030808) | 316260.31 3902349.50 | 31.38156c (04030808) | 316254.94 3902373.75 |
| 31.41098c (04030808) | 316249.59 3902397.75 | 31.31293c (04030808) | 316244.25 3902422.00 |
| 31.08778c (04030808) | 316238.88 3902446.00 | 30.71351c (04030808) | 316233.53 3902470.00 |
| 30.17782c (04030808) | 316228.19 3902494.25 | 29.42529c (04030808) | 316222.81 3902518.25 |
| 28.37839c (04030808) | 316217.47 3902542.50 | 26.93284c (04030808) | 316212.12 3902566.50 |
| 24.96012c (04030808) | 316206.75 3902590.50 | 23.92184c (04092208) | 316201.41 3902614.75 |
| 23.83859c (04092208) | 316536.47 3901024.50 | 41.37701c (04012308) | 316579.72 3900979.75 |
| 45.32544c (04012308) | 316519.69 3901067.25 | 43.69861c (04012308) | 316514.34 3901091.25 |
| 44.82792c (04012308) | 316508.97 3901115.25 | 45.37656c (04012308) | 316503.62 3901139.50 |
| 45.73485c (04012308) | 316498.28 3901163.50 | 46.03569c (04012308) | 316492.91 3901187.50 |
| 46.33332c (04012308) | 316487.56 3901211.75 | 46.64606c (04012308) | 316482.22 3901235.75 |
| 46.95183c (04012308) | 316476.84 3901260.00 | 47.25507c (04012308) | 316471.50 3901284.00 |
| 47.54049c (04012308) | 316466.12 3901308.00 | 47.80905c (04012308) | 316460.78 3901332.25 |
| 48.07744c (04012308) | 316455.44 3901356.25 | 48.32593c (04012308) | 316450.09 3901380.25 |
| 48.55658c (04012308) | 316444.72 3901404.50 | 48.76096c (04012308) | 316439.38 3901428.50 |
| 48.90291c (04012308) | 316434.03 3901452.75 | 48.96920c (04012308) | 316428.66 3901476.75 |
| 48.91420c (04012308) | 316423.31 3901500.75 | 48.74345c (04012308) | 316417.94 3901525.00 |
| 48.45343c (04012308) | 316412.59 3901549.00 | 48.05509c (04012308) | 316407.25 3901573.25 |
| 47.57040c (04012308) | 316401.88 3901597.25 | 47.00646c (04012308) | 316396.53 3901621.25 |
| 46.39222c (04012308) | 316391.19 3901645.50 | 45.73452c (04012308) | 316385.84 3901669.50 |
| 45.03417c (04012308) | 316380.47 3901693.50 | 44.28705c (04012308) | 316375.12 3901717.75 |
| 43.49832c (04012308) | 316369.75 3901741.75 | 42.65086c (04012308) | 316364.41 3901766.00 |
| 41.75123c (04012308) | 316359.06 3901790.00 | 40.79886c (04012308) | 316353.69 3901814.00 |
| 39.80022c (04012308) | 316348.34 3901838.25 | 38.78007c (04012308) | 316343.00 3901862.25 |
| 37.75334c (04012308) | 316337.62 3901886.50 | 36.72274c (04012308) | 316332.28 3901910.50 |
| 35.69667c (04012308) | 316326.94 3901934.50 | 34.64856c (04012308) | 316321.56 3901958.75 |
| 33.53797c (04012308) | 316316.22 3901982.75 | 32.35067c (04012308) | 316310.88 3902006.75 |
| 31.07216c (04012308) | 316305.50 3902031.00 | 29.71927c (04012308) | 316300.16 3902055.00 |
| 28.36368c (04012308) | 316294.81 3902079.25 | 27.04024c (04012308) | 316289.44 3902103.25 |
| 26.22879c (04032908) | 316284.09 3902127.25 | 26.31501c (04030808) | 316278.75 3902151.50 |
| 26.61316c (04030808) | 316273.38 3902175.50 | 26.91229c (04030808) | 316268.03 3902199.50 |

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 \*\*MODELOPTs:  
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CONC

DEFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  
 PAREA1 \*\*\*  
 INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |             | IN MICROGRAMS/M**3 |            |             |             |
|------------------|-------------|--------------------|------------|-------------|-------------|
| X-COORD (M)      | Y-COORD (M) | CONC               | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
| CONC             | (YYMMDDHH)  |                    |            |             |             |
| 316262.66        | 3902223.75  | 27.53573c          | (04030808) | 316257.31   | 3902247.75  |
| 27.84259c        | (04030808)  |                    |            |             |             |
| 316251.97        | 3902272.00  | 28.14278c          | (04030808) | 316246.62   | 3902296.00  |
| 28.40378c        | (04030808)  |                    |            |             |             |
| 316241.25        | 3902320.00  | 28.60880c          | (04030808) | 316235.91   | 3902344.25  |
| 28.74478c        | (04030808)  |                    |            |             |             |
| 316230.56        | 3902368.25  | 28.77465c          | (04030808) | 316225.19   | 3902392.50  |
| 28.69259c        | (04030808)  |                    |            |             |             |
| 316219.84        | 3902416.50  | 28.48916c          | (04030808) | 316214.47   | 3902440.50  |
| 28.15376c        | (04030808)  |                    |            |             |             |
| 316209.12        | 3902464.75  | 27.66783c          | (04030808) | 316203.78   | 3902488.75  |
| 26.97967c        | (04030808)  |                    |            |             |             |
| 316198.41        | 3902512.75  | 26.01538c          | (04030808) | 316193.06   | 3902537.00  |
| 24.67889c        | (04030808)  |                    |            |             |             |
| 316187.72        | 3902561.00  | 22.87670c          | (04030808) | 316182.38   | 3902585.25  |
| 22.34043c        | (04101108)  |                    |            |             |             |
| 316177.00        | 3902609.25  | 22.21790c          | (04092208) | 316274.62   | 3902656.00  |
| 29.82746c        | (04092208)  |                    |            |             |             |
| 316298.97        | 3902656.00  | 29.92576c          | (04092208) | 316323.34   | 3902656.00  |
| 29.32800c        | (04092208)  |                    |            |             |             |
| 316347.69        | 3902656.00  | 29.77032c          | (04101508) | 316372.03   | 3902656.00  |
| 30.02656c        | (04101508)  |                    |            |             |             |
| 316396.41        | 3902656.00  | 30.11002c          | (04101508) | 316420.75   | 3902656.00  |
| 30.09185c        | (04101508)  |                    |            |             |             |
| 316445.12        | 3902656.00  | 29.97434c          | (04101508) | 316469.47   | 3902656.00  |
| 29.78994c        | (04101508)  |                    |            |             |             |
| 316493.81        | 3902656.00  | 29.55023c          | (04101508) | 316518.19   | 3902656.00  |
| 29.26588c        | (04101508)  |                    |            |             |             |
| 316542.53        | 3902656.00  | 28.93369c          | (04101508) | 316566.88   | 3902656.00  |
| 28.55913c        | (04101508)  |                    |            |             |             |
| 316591.25        | 3902656.00  | 28.13146c          | (04101508) | 316615.59   | 3902656.00  |
| 27.65901c        | (04101508)  |                    |            |             |             |
| 316639.97        | 3902656.00  | 27.12244c          | (04101508) | 316664.31   | 3902656.00  |
| 26.50676c        | (04101508)  |                    |            |             |             |
| 316688.66        | 3902656.00  | 25.78888c          | (04101508) | 316713.03   | 3902656.00  |
| 24.94066c        | (04101508)  |                    |            |             |             |
| 316737.38        | 3902656.00  | 23.93533c          | (04101508) | 316761.75   | 3902656.00  |
| 22.74581c        | (04101508)  |                    |            |             |             |
| 316786.09        | 3902656.00  | 21.35568c          | (04101508) | 316810.44   | 3902656.00  |
| 19.74125c        | (04101508)  |                    |            |             |             |
| 316834.81        | 3902656.00  | 17.88923c          | (04101508) | 316859.16   | 3902656.00  |
| 15.84198c        | (04111908)  |                    |            |             |             |
| 316883.50        | 3902656.00  | 14.65942c          | (04111908) | 316907.88   | 3902656.00  |
| 12.98190c        | (04111908)  |                    |            |             |             |
| 316255.12        | 3902671.50  | 26.85292c          | (04092208) | 316298.97   | 3902681.00  |
| 25.75526c        | (04092208)  |                    |            |             |             |
| 316323.34        | 3902681.00  | 25.18158c          | (04092208) | 316347.69   | 3902681.00  |
| 25.18839c        | (04101508)  |                    |            |             |             |
| 316372.03        | 3902681.00  | 25.46769c          | (04101508) | 316396.41   | 3902681.00  |
| 25.58766c        | (04101508)  |                    |            |             |             |
| 316420.75        | 3902681.00  | 25.61301c          | (04101508) | 316445.12   | 3902681.00  |
| 25.54719c        | (04101508)  |                    |            |             |             |
| 316469.47        | 3902681.00  | 25.41791c          | (04101508) | 316493.81   | 3902681.00  |
| 25.23948c        | (04101508)  |                    |            |             |             |
| 316518.19        | 3902681.00  | 25.01652c          | (04101508) | 316542.53   | 3902681.00  |
| 24.74801c        | (04101508)  |                    |            |             |             |
| 316566.88        | 3902681.00  | 24.43852c          | (04101508) | 316591.25   | 3902681.00  |
| 24.08243c        | (04101508)  |                    |            |             |             |
| 316615.59        | 3902681.00  | 23.67422c          | (04101508) | 316639.97   | 3902681.00  |
| 23.20243c        | (04101508)  |                    |            |             |             |
| 316664.31        | 3902681.00  | 22.65235c          | (04101508) | 316688.66   | 3902681.00  |
| 22.00338c        | (04101508)  |                    |            |             |             |
| 316713.03        | 3902681.00  | 21.23033c          | (04101508) | 316737.38   | 3902681.00  |
| 20.31552c        | (04101508)  |                    |            |             |             |
| 316761.75        | 3902681.00  | 19.24341c          | (04101508) | 316786.09   | 3902681.00  |
| 18.01039c        | (04101508)  |                    |            |             |             |
| 316810.44        | 3902681.00  | 16.62701c          | (04101508) | 316834.81   | 3902681.00  |
| 15.10134c        | (04101508)  |                    |            |             |             |



|                      |                      |           |            |
|----------------------|----------------------|-----------|------------|
| 15.43350c (04011708) |                      |           |            |
| 316933.66 3902582.50 | 17.44352c (04011424) | 316934.09 | 3902558.25 |
| 18.57544c (04011424) |                      |           |            |
| 316934.47 3902533.75 | 19.22295c (04011424) | 316934.88 | 3902509.50 |
| 19.71411c (04020408) |                      |           |            |
| 316935.28 3902485.25 | 20.58384c (04020408) | 316935.69 | 3902460.75 |
| 21.35198c (04020408) |                      |           |            |
| 316936.09 3902436.50 | 22.02588c (04020408) | 316936.50 | 3902412.00 |
| 22.62768c (04020408) |                      |           |            |
| 316936.91 3902387.75 | 23.14836c (04020408) | 316937.31 | 3902363.25 |
| 23.59336c (04020408) |                      |           |            |
| 316937.69 3902339.00 | 23.95768c (04020408) | 316938.09 | 3902314.50 |
| 24.23162c (04020408) |                      |           |            |
| 316938.50 3902290.25 | 24.42573c (04020408) | 316938.91 | 3902265.75 |
| 24.72755c (04082308) |                      |           |            |
| 316939.31 3902241.50 | 25.24440c (04082308) | 316939.72 | 3902217.00 |
| 25.72166c (04082308) |                      |           |            |
| 316940.12 3902192.75 | 26.15662c (04082308) | 316950.41 | 3902649.25 |
| 11.27742c (04011324) |                      |           |            |
| 316958.28 3902607.50 | 13.13344c (04011708) | 316958.66 | 3902583.00 |
| 14.63619c (04011424) |                      |           |            |
| 316959.06 3902558.75 | 15.82168c (04011424) | 316959.47 | 3902534.25 |
| 16.50229c (04011424) |                      |           |            |
| 316959.88 3902510.00 | 16.88274c (04011424) | 316960.28 | 3902485.50 |
| 17.08034c (04011424) |                      |           |            |
| 316960.69 3902461.25 | 17.69148c (04020408) | 316961.09 | 3902436.75 |
| 18.35305c (04020408) |                      |           |            |
| 316961.50 3902412.50 | 18.93869c (04020408) | 316961.88 | 3902388.00 |
| 19.46660c (04020408) |                      |           |            |
| 316962.31 3902363.75 | 19.91020c (04020408) | 316962.69 | 3902339.25 |
| 20.28707c (04020408) |                      |           |            |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC                 | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC<br>(YYMMDDHH)   | X-COORD (M) | Y-COORD (M) |
|----------------------|---------------------------|-------------|----------------------|-------------|-------------|
| 20.79246c (04020408) | 316963.09                 | 3902315.00  | 20.57624c (04020408) | 316963.50   | 3902290.50  |
| 21.04262c (04020408) | 316963.91                 | 3902266.25  | 20.94143c (04020408) | 316964.31   | 3902241.75  |
| 21.64576c (04082308) | 316964.72                 | 3902217.50  | 21.20006c (04082308) | 316965.12   | 3902193.00  |
| 10.49835c (04011324) | 316965.53                 | 3902168.75  | 22.05587c (04082308) | 316975.38   | 3902649.50  |
| 11.71462c (04011708) | 316942.94                 | 3902691.50  | 10.63203c (04111908) | 316983.25   | 3902607.75  |
| 14.01433c (04011424) | 316983.66                 | 3902583.50  | 12.80262c (04011424) | 316984.06   | 3902559.00  |
| 15.14011c (04011424) | 316984.47                 | 3902534.75  | 14.72389c (04011424) | 316984.88   | 3902510.25  |
| 15.45983c (04011424) | 316985.28                 | 3902486.00  | 15.36053c (04011424) | 316985.69   | 3902461.50  |
| 16.53420c (04020408) | 316986.09                 | 3902437.25  | 15.95129c (04020408) | 316986.50   | 3902412.75  |
| 17.51452c (04020408) | 316986.88                 | 3902388.50  | 17.05466c (04020408) | 316987.28   | 3902364.00  |
| 18.21342c (04020408) | 316987.69                 | 3902339.75  | 17.89956c (04020408) | 316988.09   | 3902315.25  |
| 18.62054c (04020408) | 316988.50                 | 3902291.00  | 18.44945c (04020408) | 316988.91   | 3902266.50  |
| 18.81005c (04020408) | 316989.31                 | 3902242.25  | 18.73521c (04020408) | 316989.72   | 3902217.75  |
| 19.08961c (04081408) | 316990.12                 | 3902193.50  | 18.85588c (04020408) | 316990.53   | 3902169.25  |
| 9.48522c (04111908)  | 317000.38                 | 3902650.00  | 9.81067c (04011324)  | 316985.47   | 3902684.75  |

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 316960.47 3902709.50 9.94331c (04111908) 317008.25 3902608.25  
 10.68069c (04011708) 317008.66 3902583.75 11.47636c (04011424) 317009.06 3902559.50  
 12.64697c (04011424) 317009.47 3902535.00 13.39525c (04011424) 317009.88 3902510.75  
 13.83659c (04011424) 317010.28 3902486.25 14.08612c (04011424) 317010.69 3902462.00  
 14.20521c (04011424) 317011.09 3902437.50 14.24357c (04011424) 317011.47 3902413.25  
 14.72956c (04020408) 317011.88 3902389.00 15.24131c (04020408) 317012.28 3902364.50  
 15.70532c (04020408) 317012.69 3902340.25 16.10405c (04020408) 317013.09 3902315.75  
 16.43897c (04020408) 317013.50 3902291.50 16.69952c (04020408) 317013.91 3902267.00  
 16.89466c (04020408) 317014.31 3902242.75 17.02961c (04020408) 317014.72 3902218.25  
 17.12000c (04020408) 317015.12 3902194.00 17.17597c (04020408) 317015.50 3902169.50  
 17.90179c (04101508)

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CONC

DEFAULT ELEV

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

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M)<br>(YYMMDDHH) | CONC<br>(YYMMDDHH) | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M)<br>(YYMMDDHH) |
|-----------|---------------------------|---------------------------|--------------------|---------------------------|---------------------------|
| 13.39687c | 316941.44                 | 3902071.00                | 15.80229c          | 316965.31                 | 3902071.00                |
| 13.04249c | 316989.19                 | 3902071.00                | 13.20623c          | 317013.09                 | 3902071.00                |
| 12.70396c | 317036.97                 | 3902071.00                | 12.87888c          | 317060.84                 | 3902071.00                |
| 12.28826c | 317084.75                 | 3902071.00                | 12.50957c          | 317108.62                 | 3902071.00                |
| 11.75478c | 317132.50                 | 3902071.00                | 12.03881c          | 317156.38                 | 3902071.00                |
| 11.06561c | 317180.28                 | 3902071.00                | 11.43219c          | 317204.16                 | 3902071.00                |
| 10.14066c | 317228.06                 | 3902071.00                | 10.64298c          | 317251.94                 | 3902071.00                |
| 8.65813c  | 317275.81                 | 3902071.00                | 9.50769c           | 317299.69                 | 3902071.00                |
| 15.05410c | 317323.59                 | 3902071.00                | 7.52742c           | 316941.44                 | 3902096.00                |
| 11.20426c | 316965.31                 | 3902096.00                | 12.45467c          | 316989.19                 | 3902096.00                |
| 10.83707c | 317013.09                 | 3902096.00                | 11.01680c          | 317036.97                 | 3902096.00                |
| 10.44434c | 317060.84                 | 3902096.00                | 10.64925c          | 317084.75                 | 3902096.00                |
| 9.96591c  | 317108.62                 | 3902096.00                | 10.21788c          | 317132.50                 | 3902096.00                |
| 9.38100c  | 317156.38                 | 3902096.00                | 9.68723c           | 317180.28                 | 3902096.00                |
| 8.68954c  | 317204.16                 | 3902096.00                | 9.04861c           | 317228.06                 | 3902096.00                |
| 7.85820c  | 317251.94                 | 3902096.00                | 8.30006c           | 317275.81                 | 3902096.00                |
| 6.64382c  | 317299.69                 | 3902096.00                | 7.28958c           | 317323.59                 | 3902096.00                |
| 11.85431c | 316941.44                 | 3902121.00                | 14.49658c          | 316965.31                 | 3902121.00                |
| 9.70589c  | 316989.19                 | 3902121.00                | 10.49645c          | 317013.09                 | 3902121.00                |
| 9.31325c  | 317036.97                 | 3902121.00                | 9.51048c           | 317060.84                 | 3902121.00                |
|           | 317084.75                 | 3902121.00                | 9.10519c           | 317108.62                 | 3902121.00                |

|                      |                      |           |            |
|----------------------|----------------------|-----------|------------|
| 8.88228c (04111924)  |                      |           |            |
| 317132.50 3902121.00 | 8.64139c (04111924)  | 317156.38 | 3902121.00 |
| 8.38499c (04111924)  |                      |           |            |
| 317180.28 3902121.00 | 8.11565c (04111924)  | 317204.16 | 3902121.00 |
| 7.83932c (04111924)  |                      |           |            |
| 317228.06 3902121.00 | 7.55889c (04111924)  | 317251.94 | 3902121.00 |
| 7.26696c (04111924)  |                      |           |            |
| 317275.81 3902121.00 | 6.92528c (04111924)  | 317299.69 | 3902121.00 |
| 6.48372c (04111924)  |                      |           |            |
| 317323.59 3902121.00 | 6.04038c (04111924)  | 316941.44 | 3902146.00 |
| 14.01109c (04011624) |                      |           |            |
| 316965.31 3902146.00 | 11.37417c (04082324) | 316989.19 | 3902146.00 |
| 10.07365c (04121924) |                      |           |            |
| 317013.09 3902146.00 | 9.07030c (04121924)  | 317036.97 | 3902146.00 |
| 8.51657c (04111924)  |                      |           |            |
| 317060.84 3902146.00 | 8.31558c (04111924)  | 317084.75 | 3902146.00 |
| 8.11145c (04111924)  |                      |           |            |
| 317108.62 3902146.00 | 7.89994c (04111924)  | 317132.50 | 3902146.00 |
| 7.68082c (04111924)  |                      |           |            |
| 317156.38 3902146.00 | 7.45674c (04111924)  | 317180.28 | 3902146.00 |
| 7.23192c (04111924)  |                      |           |            |
| 317204.16 3902146.00 | 7.01108c (04111924)  | 317228.06 | 3902146.00 |
| 6.79120c (04111924)  |                      |           |            |
| 317251.94 3902146.00 | 6.55403c (04111924)  | 317275.81 | 3902146.00 |
| 6.26137c (04111924)  |                      |           |            |
| 317299.69 3902146.00 | 5.90402c (04111924)  | 317323.59 | 3902146.00 |
| 5.57638c (04111924)  |                      |           |            |
| 317348.53 3902047.75 | 7.86514c (04020424)  | 317350.34 | 3902023.00 |
| 8.56993c (04020424)  |                      |           |            |
| 317352.16 3901998.25 | 9.61539c (04020424)  | 317353.97 | 3901973.50 |
| 10.45271c (04020424) |                      |           |            |
| 317355.78 3901948.75 | 11.13050c (04020424) | 317357.59 | 3901924.00 |
| 11.70816c (04020424) |                      |           |            |
| 317359.41 3901899.25 | 12.22946c (04020424) | 317361.22 | 3901874.50 |
| 12.77062c (04020424) |                      |           |            |
| 317365.53 3902066.25 | 6.91405c (04020424)  | 317375.28 | 3902025.00 |
| 7.43309c (04020424)  |                      |           |            |
| 317377.09 3902000.25 | 8.01958c (04020424)  | 317378.91 | 3901975.25 |
| 8.70906c (04020424)  |                      |           |            |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

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

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)          | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|----------------------|-------------|-----------|------------|-------------|-------------|
| CONC                 | (YYMMDDHH)  |           |            |             |             |
| 317380.72            | 3901950.50  | 9.33183c  | (04020424) | 317382.53   | 3901925.75  |
| 9.90194c (04020424)  |             |           |            |             |             |
| 317384.34            | 3901901.00  | 10.43094c | (04020424) | 317386.16   | 3901876.25  |
| 11.57379c (04111924) |             |           |            |             |             |
| 317390.47            | 3902068.00  | 6.58357c  | (04020424) | 317357.62   | 3902107.75  |
| 5.77900c (04111924)  |             |           |            |             |             |
| 317400.19            | 3902026.75  | 6.85014c  | (04020424) | 317402.03   | 3902002.00  |
| 7.14180c (04020424)  |             |           |            |             |             |
| 317403.84            | 3901977.25  | 7.65475c  | (04020424) | 317405.62   | 3901952.50  |
| 8.19175c (04020424)  |             |           |            |             |             |
| 317407.47            | 3901927.75  | 8.71146c  | (04020424) | 317409.28   | 3901902.75  |
| 9.28590c (04111924)  |             |           |            |             |             |
| 317411.09            | 3901878.00  | 11.03943c | (04111924) | 317412.78   | 3902075.25  |
| 6.20230c (04020424)  |             |           |            |             |             |
| 317402.22            | 3902097.25  | 5.75787c  | (04020424) | 317368.97   | 3902128.25  |
| 5.34587c (04111924)  |             |           |            |             |             |
| 317346.28            | 3902137.00  | 5.48259c  | (04111924) | 317423.31   | 3902053.25  |
| 6.32681c (04020424)  |             |           |            |             |             |
| 317425.12            | 3902028.50  | 6.43644c  | (04020424) | 317426.94   | 3902003.75  |
| 6.59433c (04020424)  |             |           |            |             |             |
| 317428.75            | 3901979.00  | 6.93870c  | (04020424) | 317430.59   | 3901954.25  |
| 7.38817c (04020424)  |             |           |            |             |             |



|                      |            | 99.ADO               |           |            |
|----------------------|------------|----------------------|-----------|------------|
| 317432.38            | 3901929.50 | 7.85987c (04020424)  | 317434.22 | 3901904.75 |
| 8.85356c (04111924)  |            |                      |           |            |
| 317436.03            | 3901880.00 | 10.52325c (04111924) | 317458.94 | 3901872.75 |
| 10.93143c (04111924) |            |                      |           |            |
| 317483.12            | 3901872.75 | 10.60927c (04111924) | 317507.28 | 3901872.75 |
| 10.27827c (04111924) |            |                      |           |            |
| 317531.47            | 3901872.75 | 9.93478c (04111924)  | 317555.62 | 3901872.75 |
| 9.57116c (04111924)  |            |                      |           |            |
| 317579.78            | 3901872.75 | 9.18077c (04111924)  | 317603.97 | 3901872.75 |
| 8.74571c (04111924)  |            |                      |           |            |
| 317628.12            | 3901872.75 | 8.25412c (04111924)  | 317652.31 | 3901872.75 |
| 7.68122c (04111924)  |            |                      |           |            |
| 317676.47            | 3901872.75 | 7.26369c (04020424)  | 317700.62 | 3901872.75 |
| 6.97894c (04020424)  |            |                      |           |            |
| 317724.81            | 3901872.75 | 6.56966c (04020424)  | 317748.97 | 3901872.75 |
| 6.33823b (04011724)  |            |                      |           |            |
| 317458.94            | 3901897.75 | 8.95149c (04111924)  | 317483.12 | 3901897.75 |
| 8.65799c (04111924)  |            |                      |           |            |
| 317507.28            | 3901897.75 | 8.36146c (04111924)  | 317531.47 | 3901897.75 |
| 8.05570c (04111924)  |            |                      |           |            |
| 317555.62            | 3901897.75 | 7.73510c (04111924)  | 317579.78 | 3901897.75 |
| 7.39215c (04111924)  |            |                      |           |            |
| 317603.97            | 3901897.75 | 7.01813c (04111924)  | 317628.12 | 3901897.75 |
| 6.60566c (04111924)  |            |                      |           |            |
| 317652.31            | 3901897.75 | 6.38779c (04020424)  | 317676.47 | 3901897.75 |
| 6.19094c (04020424)  |            |                      |           |            |
| 317700.62            | 3901897.75 | 5.93345c (04020424)  | 317724.81 | 3901897.75 |
| 5.65055b (04011724)  |            |                      |           |            |
| 317748.97            | 3901897.75 | 5.56686b (04011724)  | 317458.94 | 3901922.75 |
| 7.69526c (04111924)  |            |                      |           |            |
| 317483.12            | 3901922.75 | 7.41926c (04111924)  | 317507.28 | 3901922.75 |
| 7.14729c (04111924)  |            |                      |           |            |
| 317531.47            | 3901922.75 | 6.87325c (04111924)  | 317555.62 | 3901922.75 |
| 6.59290c (04111924)  |            |                      |           |            |
| 317579.78            | 3901922.75 | 6.30082c (04111924)  | 317603.97 | 3901922.75 |
| 5.99127c (04111924)  |            |                      |           |            |
| 317628.12            | 3901922.75 | 5.78161c (04020424)  | 317652.31 | 3901922.75 |
| 5.63152c (04020424)  |            |                      |           |            |
| 317676.47            | 3901922.75 | 5.44552c (04020424)  | 317700.62 | 3901922.75 |
| 5.24780b (04011724)  |            |                      |           |            |
| 317724.81            | 3901922.75 | 5.17947b (04011724)  | 317748.97 | 3901922.75 |
| 5.10635b (04011724)  |            |                      |           |            |
| 317458.94            | 3901947.75 | 6.86432c (04020424)  | 317483.12 | 3901947.75 |
| 6.50988c (04111924)  |            |                      |           |            |
| 317507.28            | 3901947.75 | 6.26742c (04111924)  | 317531.47 | 3901947.75 |
| 6.03002c (04111924)  |            |                      |           |            |
| 317555.62            | 3901947.75 | 5.79389c (04111924)  | 317579.78 | 3901947.75 |
| 5.55427c (04111924)  |            |                      |           |            |
| 317603.97            | 3901947.75 | 5.38145c (04020424)  | 317628.12 | 3901947.75 |
| 5.24128c (04020424)  |            |                      |           |            |
| 317652.31            | 3901947.75 | 5.08191c (04020424)  | 317676.47 | 3901947.75 |
| 4.97031b (04011724)  |            |                      |           |            |
| 317700.62            | 3901947.75 | 4.91090b (04011724)  | 317724.81 | 3901947.75 |
| 4.84927b (04011724)  |            |                      |           |            |
| 317748.97            | 3901947.75 | 4.78430b (04011724)  | 317773.97 | 3901847.75 |
| 7.21036c (04020424)  |            |                      |           |            |
| 317773.97            | 3901823.25 | 8.33551c (04012024)  | 317773.97 | 3901799.00 |
| 9.16979c (04012024)  |            |                      |           |            |

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 \*\*MODELOPTs:

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CONC

DEFAULT ELEV

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

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC                 | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC<br>(YYMMDDHH)   | X-COORD (M) | Y-COORD (M) |
|----------------------|---------------------------|-------------|----------------------|-------------|-------------|
| 10.59153c (04020424) | 317773.97                 | 3901774.50  | 9.74102c (04020424)  | 317773.97   | 3901750.00  |
|                      | 317773.97                 | 3901725.50  | 11.31196c (04020424) | 317773.97   | 3901701.00  |

|                      |                      |           |            |
|----------------------|----------------------|-----------|------------|
| 11.92958c (04020424) |                      |           |            |
| 317773.97 3901676.50 | 12.43775c (04020424) | 317773.97 | 3901652.00 |
| 12.82675c (04020424) |                      |           |            |
| 317773.97 3901627.50 | 13.40490c (04082324) | 317773.97 | 3901603.00 |
| 13.97796c (04082324) |                      |           |            |
| 317773.97 3901578.75 | 14.48512c (04082324) | 317773.97 | 3901554.25 |
| 14.93903c (04082324) |                      |           |            |
| 317773.97 3901529.75 | 15.33170c (04082324) | 317773.97 | 3901505.25 |
| 15.64019c (04082324) |                      |           |            |
| 317773.97 3901480.75 | 16.01391c (04022724) | 317773.97 | 3901456.25 |
| 16.25868c (04022724) |                      |           |            |
| 317791.66 3901865.50 | 6.44601c (04020424)  | 317798.97 | 3901823.25 |
| 7.38550c (04012024)  |                      |           |            |
| 317798.97 3901799.00 | 8.12255c (04012024)  | 317798.97 | 3901774.50 |
| 8.47134c (04012024)  |                      |           |            |
| 317798.97 3901750.00 | 8.92994c (04020424)  | 317798.97 | 3901725.50 |
| 9.58286c (04020424)  |                      |           |            |
| 317798.97 3901701.00 | 10.15101c (04020424) | 317798.97 | 3901676.50 |
| 10.62144c (04020424) |                      |           |            |
| 317798.97 3901652.00 | 10.97845c (04020424) | 317798.97 | 3901627.50 |
| 11.20407c (04020424) |                      |           |            |
| 317798.97 3901603.00 | 11.55078c (04082324) | 317798.97 | 3901578.75 |
| 11.99394c (04082324) |                      |           |            |
| 317798.97 3901554.25 | 12.38160c (04082324) | 317798.97 | 3901529.75 |
| 12.71396c (04082324) |                      |           |            |
| 317798.97 3901505.25 | 12.96934c (04082324) | 317798.97 | 3901480.75 |
| 13.12140c (04082324) |                      |           |            |
| 317798.97 3901456.25 | 13.27854c (04022724) | 317816.66 | 3901865.50 |
| 6.19103c (04020424)  |                      |           |            |
| 317784.34 3901908.25 | 5.24463c (04020424)  | 317823.97 | 3901823.25 |
| 6.75520c (04012024)  |                      |           |            |
| 317823.97 3901799.00 | 7.41368c (04012024)  | 317823.97 | 3901774.50 |
| 7.73796c (04012024)  |                      |           |            |
| 317823.97 3901750.00 | 7.89506c (04012024)  | 317823.97 | 3901725.50 |
| 8.42653c (04020424)  |                      |           |            |
| 317823.97 3901701.00 | 8.93893c (04020424)  | 317823.97 | 3901676.50 |
| 9.37139c (04020424)  |                      |           |            |
| 317823.97 3901652.00 | 9.69833c (04020424)  | 317823.97 | 3901627.50 |
| 9.90225c (04020424)  |                      |           |            |
| 317823.97 3901603.00 | 9.97271c (04020424)  | 317823.97 | 3901578.75 |
| 10.33331c (04082324) |                      |           |            |
| 317823.97 3901554.25 | 10.66676c (04082324) | 317823.97 | 3901529.75 |
| 10.94253c (04082324) |                      |           |            |
| 317823.97 3901505.25 | 11.15635c (04082324) | 317823.97 | 3901480.75 |
| 11.31472c (04082324) |                      |           |            |
| 317823.97 3901456.25 | 11.47059c (04082324) | 317841.66 | 3901865.50 |
| 5.92468c (04020424)  |                      |           |            |
| 317827.00 3901900.75 | 5.39308c (04020424)  | 317802.00 | 3901925.75 |
| 4.86375c (04020424)  |                      |           |            |
| 317848.97 3901823.25 | 6.28175c (04012024)  | 317848.97 | 3901799.00 |
| 6.87265c (04012024)  |                      |           |            |
| 317848.97 3901774.50 | 7.17554c (04012024)  | 317848.97 | 3901750.00 |
| 7.31751c (04012024)  |                      |           |            |
| 317848.97 3901725.50 | 7.56395c (04020424)  | 317848.97 | 3901701.00 |
| 8.01387c (04020424)  |                      |           |            |
| 317848.97 3901676.50 | 8.39810c (04020424)  | 317848.97 | 3901652.00 |
| 8.69086c (04020424)  |                      |           |            |
| 317848.97 3901627.50 | 8.87073c (04020424)  | 317848.97 | 3901603.00 |
| 8.92525c (04020424)  |                      |           |            |
| 317848.97 3901578.75 | 9.10066c (04082324)  | 317848.97 | 3901554.25 |
| 9.39140c (04082324)  |                      |           |            |
| 317848.97 3901529.75 | 9.62466c (04082324)  | 317848.97 | 3901505.25 |
| 9.81034c (04082324)  |                      |           |            |
| 317848.97 3901480.75 | 9.96995c (04082324)  | 317848.97 | 3901456.25 |
| 10.15756c (04082324) |                      |           |            |
| 317749.88 3901431.25 | 18.09139c (04022724) | 317725.69 | 3901430.50 |
| 19.30242b (04082624) |                      |           |            |
| 317701.53 3901429.50 | 20.04884b (04082624) | 317677.34 | 3901428.75 |
| 20.63632b (04082624) |                      |           |            |
| 317653.19 3901428.00 | 21.14612b (04082624) | 317629.00 | 3901427.00 |
| 21.56159b (04082624) |                      |           |            |
| 317604.84 3901426.25 | 21.96835b (04082624) | 317580.69 | 3901425.25 |
| 22.26326b (04082624) |                      |           |            |
| 317556.50 3901424.50 | 22.52694b (04082624) | 317532.34 | 3901423.50 |
| 22.68744b (04082624) |                      |           |            |
| 317508.16 3901422.75 | 22.86003b (04082624) | 317484.00 | 3901422.00 |
| 23.02635b (04082624) |                      |           |            |

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DFAULT ELEV

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

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC      | (YYMMDDHH) | IN MICROGRAMS/M**3 | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|-----------|------------|--------------------|-------------|-------------|
| 23.56983c | 317459.84                 | 3901421.00  | 23.18458b | (04082624) |                    | 317435.66   | 3901420.25  |
| 24.50513c | 317411.50                 | 3901419.25  | 23.96139c | (04011624) |                    | 317387.31   | 3901418.50  |
| 15.06031c | 317363.16                 | 3901417.75  | 25.32899c | (04011624) |                    | 317767.84   | 3901414.00  |
| 16.82743b | 317726.56                 | 3901405.50  | 16.38237c | (04022724) |                    | 317702.41   | 3901404.50  |
| 17.98123b | 317678.25                 | 3901403.75  | 17.44666b | (04082624) |                    | 317654.06   | 3901403.00  |
| 18.87181b | 317629.91                 | 3901402.00  | 18.43974b | (04082624) |                    | 317605.72   | 3901401.25  |
| 19.51833b | 317581.56                 | 3901400.25  | 19.21890b | (04082624) |                    | 317557.38   | 3901399.50  |
| 19.94796b | 317533.22                 | 3901398.75  | 19.75817b | (04082624) |                    | 317509.06   | 3901397.75  |
| 20.42801c | 317484.88                 | 3901397.00  | 20.16908b | (04082624) |                    | 317460.72   | 3901396.00  |
| 21.27040c | 317436.53                 | 3901395.25  | 20.83743c | (04011624) |                    | 317412.38   | 3901394.25  |
| 22.95499c | 317388.19                 | 3901393.50  | 21.85888c | (04011624) |                    | 317364.03   | 3901392.75  |
| 12.41136c | 317768.72                 | 3901389.00  | 13.91681c | (04022724) |                    | 317809.94   | 3901421.50  |
| 15.22969c | 317727.47                 | 3901380.50  | 14.88811c | (04022724) |                    | 317703.28   | 3901379.50  |
| 16.09729b | 317679.12                 | 3901378.75  | 15.55014b | (04082624) |                    | 317654.94   | 3901378.00  |
| 17.02571b | 317630.78                 | 3901377.00  | 16.57739b | (04082624) |                    | 317606.62   | 3901376.25  |
| 17.73079b | 317582.44                 | 3901375.25  | 17.40325b | (04082624) |                    | 317558.28   | 3901374.50  |
| 18.23892b | 317534.09                 | 3901373.75  | 18.00395b | (04082624) |                    | 317509.94   | 3901372.75  |
| 18.78424b | 317485.75                 | 3901372.00  | 18.49719b | (04082624) |                    | 317461.59   | 3901371.00  |
| 19.63868b | 317437.41                 | 3901370.25  | 19.15484b | (04082624) |                    | 317413.25   | 3901369.50  |
| 21.81859c | 317389.09                 | 3901368.50  | 20.34781b | (04082624) |                    | 317364.91   | 3901367.75  |
| 11.98471c | 317769.62                 | 3901364.00  | 13.12613c | (04022724) |                    | 317803.81   | 3901379.25  |
| 13.90497c | 317827.94                 | 3901404.25  | 11.32957c | (04082324) |                    | 317728.34   | 3901355.50  |
| 14.46998c | 317704.16                 | 3901354.75  | 14.23254c | (04022724) |                    | 317680.00   | 3901353.75  |
| 15.28301b | 317655.84                 | 3901353.00  | 14.79064b | (04082624) |                    | 317631.66   | 3901352.00  |
| 16.13292b | 317607.50                 | 3901351.25  | 15.73931b | (04082624) |                    | 317583.31   | 3901350.25  |
| 16.77804b | 317559.16                 | 3901349.50  | 16.47927b | (04082624) |                    | 317534.97   | 3901348.75  |
| 17.33627b | 317510.81                 | 3901347.75  | 17.04355b | (04082624) |                    | 317486.62   | 3901347.00  |
| 18.11724b | 317462.47                 | 3901346.00  | 17.67484b | (04082624) |                    | 317438.31   | 3901345.25  |
| 19.64820b | 317414.12                 | 3901344.50  | 18.71862b | (04082624) |                    | 317389.97   | 3901343.50  |
| 21.95020b | 317365.81                 | 3901342.75  | 21.35073b | (04082624) |                    | 317358.56   | 3901318.50  |
| 22.00817b | 317357.62                 | 3901294.00  | 21.96150b | (04082624) |                    | 317356.72   | 3901269.50  |
| 22.15928b | 317355.84                 | 3901245.00  | 22.07306b | (04082624) |                    | 317354.91   | 3901220.50  |
| 22.33897b | 317354.00                 | 3901196.25  | 22.24754b | (04082624) |                    | 317353.12   | 3901171.75  |

99.ADO  
 317352.19 3901147.25 22.43318b (04082624) 317351.28 3901122.75  
 22.51462b (04082624)  
 317350.38 3901098.25 22.59594b (04082624) 317349.47 3901073.75  
 22.66146b (04082624)  
 317348.56 3901049.25 22.44982b (04082624) 317383.53 3901317.50  
 19.68735b (04082624)  
 317382.62 3901293.00 19.58068b (04082624) 317381.72 3901268.75  
 19.54322b (04082624)  
 317380.81 3901244.25 19.54357b (04082624) 317379.91 3901219.75  
 19.56903b (04082624)  
 317379.00 3901195.25 19.60932b (04082624) 317378.09 3901170.75  
 19.65969b (04082624)  
 317377.19 3901146.25 19.71494b (04082624) 317376.28 3901121.75  
 19.77008b (04082624)

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CONC

DFAULT ELEV

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |             | IN MICROGRAMS/M**3 |            |             |             |
|------------------|-------------|--------------------|------------|-------------|-------------|
| X-COORD (M)      | Y-COORD (M) | CONC               | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
| CONC             | (YYMMDDHH)  |                    |            |             |             |
| 317375.38        | 3901097.25  | 19.82428b          | (04082624) | 317374.47   | 3901072.75  |
| 19.86179b        | (04082624)  |                    |            |             |             |
| 317373.56        | 3901048.50  | 19.73592b          | (04082624) | 317408.50   | 3901316.75  |
| 18.33913b        | (04082624)  |                    |            |             |             |
| 317407.62        | 3901292.25  | 18.09579b          | (04082624) | 317406.69   | 3901267.75  |
| 17.97584b        | (04082624)  |                    |            |             |             |
| 317405.78        | 3901243.25  | 17.92085b          | (04082624) | 317404.88   | 3901218.75  |
| 17.90322b        | (04082624)  |                    |            |             |             |
| 317403.97        | 3901194.25  | 17.90696b          | (04082624) | 317403.06   | 3901169.75  |
| 17.92372b        | (04082624)  |                    |            |             |             |
| 317402.16        | 3901145.25  | 17.94822b          | (04082624) | 317401.25   | 3901120.75  |
| 17.97688b        | (04082624)  |                    |            |             |             |
| 317400.34        | 3901096.50  | 18.00563b          | (04082624) | 317399.44   | 3901072.00  |
| 18.01983b        | (04082624)  |                    |            |             |             |
| 317398.53        | 3901047.50  | 17.92241b          | (04082624) | 317433.50   | 3901315.75  |
| 17.45798b        | (04082624)  |                    |            |             |             |
| 317432.59        | 3901291.25  | 17.07726b          | (04082624) | 317431.69   | 3901266.75  |
| 16.84772b        | (04082624)  |                    |            |             |             |
| 317430.78        | 3901242.25  | 16.71958b          | (04082624) | 317429.88   | 3901217.75  |
| 16.65465b        | (04082624)  |                    |            |             |             |
| 317428.97        | 3901193.25  | 16.62660b          | (04082624) | 317428.06   | 3901169.00  |
| 16.61930b        | (04082624)  |                    |            |             |             |
| 317427.16        | 3901144.50  | 16.62206b          | (04082624) | 317426.25   | 3901120.00  |
| 16.62984b        | (04082624)  |                    |            |             |             |
| 317425.34        | 3901095.50  | 16.63733b          | (04082624) | 317424.44   | 3901071.00  |
| 16.63160b        | (04082624)  |                    |            |             |             |
| 317423.53        | 3901046.50  | 16.54153b          | (04082624) | 317323.06   | 3901025.25  |
| 23.39167b        | (04082624)  |                    |            |             |             |
| 317298.91        | 3901025.75  | 24.16895b          | (04082624) | 317274.72   | 3901026.25  |
| 25.38028c        | (04011624)  |                    |            |             |             |
| 317250.56        | 3901026.75  | 26.26987c          | (04011624) | 317226.38   | 3901027.25  |
| 26.86260c        | (04011624)  |                    |            |             |             |
| 317202.22        | 3901027.75  | 27.24424c          | (04011624) | 317178.06   | 3901028.25  |
| 27.49148c        | (04011624)  |                    |            |             |             |
| 317153.88        | 3901028.75  | 27.66348c          | (04011624) | 317129.72   | 3901029.25  |
| 27.78725c        | (04011624)  |                    |            |             |             |
| 317105.53        | 3901029.75  | 27.86275c          | (04011624) | 317081.38   | 3901030.25  |
| 27.87865c        | (04011624)  |                    |            |             |             |
| 317057.19        | 3901030.75  | 27.82366c          | (04011624) | 317033.03   | 3901031.25  |
| 27.69055c        | (04011624)  |                    |            |             |             |
| 317008.88        | 3901031.75  | 27.48853c          | (04011624) | 316984.69   | 3901032.25  |
| 27.22769c        | (04011624)  |                    |            |             |             |
| 316960.53        | 3901032.75  | 26.90431c          | (04011624) | 316936.34   | 3901033.25  |
| 26.52185c        | (04011624)  |                    |            |             |             |
| 316912.19        | 3901033.75  | 26.14316b          | (04012324) | 316888.00   | 3901034.25  |
| 26.28686b        | (04012324)  |                    |            |             |             |
| 316863.84        | 3901034.75  | 26.35843b          | (04012324) | 316839.66   | 3901035.25  |

|                      |           |            |                      |           |            |
|----------------------|-----------|------------|----------------------|-----------|------------|
| 26.69634c (04111124) | 316815.50 | 3901035.75 | 27.05794c (04111124) | 316791.34 | 3901036.25 |
| 27.40382c (04111124) | 316767.16 | 3901036.75 | 27.72777c (04111124) | 316743.00 | 3901037.25 |
| 28.02303c (04111124) | 316718.81 | 3901037.75 | 28.29025c (04111124) | 316694.66 | 3901038.25 |
| 28.50443c (04111124) | 316670.47 | 3901038.75 | 28.60928c (04111124) | 316646.31 | 3901039.25 |
| 28.14912c (04111124) | 316622.12 | 3901039.75 | 24.82065c (04111124) | 317340.22 | 3901007.00 |
| 20.73167b (04082624) | 317298.38 | 3901000.75 | 21.23063c (04011624) | 317274.22 | 3901001.25 |
| 22.28942c (04011624) | 317250.06 | 3901001.75 | 23.14400c (04011624) | 317225.88 | 3901002.25 |
| 23.71987c (04011624) | 317201.72 | 3901002.75 | 24.08924c (04011624) | 317177.53 | 3901003.25 |
| 24.31246c (04011624) | 317153.38 | 3901003.75 | 24.45555c (04011624) | 317129.19 | 3901004.25 |
| 24.54066c (04011624) | 317105.03 | 3901004.75 | 24.57493c (04011624) | 317080.88 | 3901005.25 |
| 24.55784c (04011624) | 317056.69 | 3901005.75 | 24.47063c (04011624) | 317032.53 | 3901006.25 |
| 24.30660c (04011624) | 317008.34 | 3901006.75 | 24.06654c (04011624) | 316984.19 | 3901007.25 |
| 23.75740c (04011624) | 316960.00 | 3901007.75 | 23.38267c (04011624) | 316935.84 | 3901008.25 |
| 23.11736b (04012324) | 316911.66 | 3901008.75 | 23.33393b (04012324) | 316887.50 | 3901009.25 |
| 23.47066b (04012324) | 316863.34 | 3901009.75 | 23.52927b (04012324) | 316839.16 | 3901010.25 |
| 23.52106b (04012324) | 316815.00 | 3901010.75 | 23.45889b (04012324) | 316790.81 | 3901011.25 |

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***                               12:32:17
**MODEL_OPTS:                     PAGE 70

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

INCLUDING SOURCE(S): PAREA1

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\* \*

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|                                |                          |                      |
|--------------------------------|--------------------------|----------------------|
| 316838.62 3900985.25           | 21.56575b (04012324)     | 316814.47 3900985.75 |
| 21.49973b (04012324)           |                          |                      |
| 316790.31 3900986.25           | 21.38264b (04012324)     | 316766.12 3900986.75 |
| 21.22224b (04012324)           |                          |                      |
| 316741.97 3900987.25           | 21.01766b (04012324)     | 316717.78 3900987.75 |
| 20.94460c (04111124)           |                          |                      |
| 316693.62 3900988.25           | 21.06127c (04111124)     | 316669.44 3900988.75 |
| 21.13347c (04111124)           |                          |                      |
| 316645.28 3900989.25           | 20.98540c (04111124)     | 316621.12 3900989.75 |
| 20.24799b (04012324)           |                          |                      |
| 317339.19 3900957.00           | 18.11919c (04011624)     | 317374.56 3900970.75 |
| 17.39596c (04011624)           |                          |                      |
| 317400.06 3900994.75           | 16.81645b (04082624)     | 317297.34 3900950.75 |
| 18.20574c (04011624)           |                          |                      |
| 317273.19 3900951.25           | 18.77795c (04011624)     | 317249.00 3900951.75 |
| 19.38629c (04011624)           |                          |                      |
| 317224.84 3900952.25           | 19.92311c (04011624)     | 317200.66 3900952.75 |
| 20.29804c (04011624)           |                          |                      |
| 317176.50 3900953.25           | 20.52439c (04011624)     | 317152.34 3900953.75 |
| 20.64835c (04011624)           |                          |                      |
| 317128.16 3900954.25           | 20.70734c (04011624)     | 317104.00 3900954.75 |
| 20.71827c (04011624)           |                          |                      |
| 317079.81 3900955.25           | 20.67973c (04011624)     | 317055.66 3900955.75 |
| 20.58051c (04011624)           |                          |                      |
| 317031.47 3900956.25           | 20.40712c (04011624)     | 317007.31 3900956.75 |
| 20.15261c (04011624)           |                          |                      |
| 316983.12 3900957.25           | 19.81551c (04011624)     | 316958.97 3900957.75 |
| 19.40078c (04011624)           |                          |                      |
| 316934.81 3900958.25           | 19.54676b (04012324)     | 316910.62 3900958.75 |
| 19.77514b (04012324)           |                          |                      |
| 316886.47 3900959.25           | 19.93830b (04012324)     | 316862.28 3900959.75 |
| 20.02449b (04012324)           |                          |                      |
| 316838.12 3900960.25           | 20.03440b (04012324)     | 316813.94 3900960.75 |
| 19.97617b (04012324)           |                          |                      |
| 316789.78 3900961.25           | 19.86039b (04012324)     | 316765.62 3900961.75 |
| 19.69894b (04012324)           |                          |                      |
| 316741.44 3900962.25           | 19.51919b (04012324)     | 316717.28 3900962.75 |
| 19.37661b (04012324)           |                          |                      |
| 316693.09 3900963.25           | 19.30031b (04012324)     | 316668.94 3900963.75 |
| 19.26925b (04012324)           |                          |                      |
| 316644.75 3900964.25           | 19.27793b (04012324)     | 316620.59 3900964.75 |
| 19.20013b (04012324)           |                          |                      |
| 316598.25 3901059.25           | 22.88345b (04011024)     | 316592.91 3901083.50 |
| 23.13427b (04011024)           |                          |                      |
| 316587.56 3901107.50           | 23.08419b (04011024)     | 316582.19 3901131.50 |
| 22.98571b (04011024)           |                          |                      |
| 316576.84 3901155.75           | 22.99106c (04111124)     | 316571.47 3901179.75 |
| 22.99619c (04111124)           |                          |                      |
| 316566.12 3901204.00           | 22.99140c (04111124)     | 316560.78 3901228.00 |
| 22.96120c (04111124)           |                          |                      |
| 316555.41 3901252.00           | 22.89849c (04111124)     | 316550.06 3901276.25 |
| 22.81856c (04111124)           |                          |                      |
| *** AERMOD - VERSION 07026 *** | *** C:\Lakes\BFD\BFD.isc |                      |
| *** 05/07/09                   | ***                      |                      |
| *** 12:32:17                   |                          |                      |
| **MODELOPTs:                   |                          |                      |
| PAGE 71                        |                          |                      |
| CONC                           | DEFAULT ELEV             |                      |

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

PAREAL \*\*\*

INCLUDING SOURCE(S): PAREAL ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER |             | IN MICROGRAMS/M**3 |            |             |             |
|------------------|-------------|--------------------|------------|-------------|-------------|
| X-COORD (M)      | Y-COORD (M) | CONC               | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
| CONC             | (YYMMDDHH)  |                    |            |             |             |
| 316544.72        | 3901300.25  | 22.70674c          | (04111124) | 316539.38   | 3901324.25  |
| 22.57717c        | (04111124)  |                    |            |             |             |
| 316534.00        | 3901348.50  | 22.41355b          | (04011024) | 316528.66   | 3901372.50  |
| 22.52649b        | (04012324)  |                    |            |             |             |
| 316523.28        | 3901396.75  | 22.66438b          | (04012324) | 316517.94   | 3901420.75  |
| 22.79599b        | (04012324)  |                    |            |             |             |
| 316512.59        | 3901444.75  | 22.91210b          | (04012324) | 316507.22   | 3901469.00  |
| 23.00237b        | (04012324)  |                    |            |             |             |
| 316501.88        | 3901493.00  | 23.04988b          | (04012324) | 316496.53   | 3901517.00  |

|                      |           |            |                      |           |            |
|----------------------|-----------|------------|----------------------|-----------|------------|
| 23.05273b (04012324) | 316491.16 | 3901541.25 | 23.01455b (04012324) | 316485.81 | 3901565.25 |
| 22.93711b (04012324) | 316480.47 | 3901589.50 | 22.83283b (04012324) | 316475.09 | 3901613.50 |
| 22.69704b (04012324) | 316469.75 | 3901637.50 | 22.54400b (04012324) | 316464.38 | 3901661.75 |
| 22.37174b (04012324) | 316459.03 | 3901685.75 | 22.17708b (04012324) | 316453.69 | 3901710.00 |
| 21.96188b (04012324) | 316448.34 | 3901734.00 | 21.71711b (04012324) | 316442.97 | 3901758.00 |
| 21.44250b (04012324) | 316437.62 | 3901782.25 | 21.14896b (04012324) | 316432.28 | 3901806.25 |
| 20.85765b (04011024) | 316426.91 | 3901830.25 | 20.78861b (04011024) | 316421.56 | 3901854.50 |
| 20.69979b (04011024) | 316416.19 | 3901878.50 | 20.55886b (04011024) | 316410.84 | 3901902.75 |
| 20.36610b (04011024) | 316405.50 | 3901926.75 | 20.10855b (04011024) | 316400.12 | 3901950.75 |
| 19.80105b (04011024) | 316394.78 | 3901975.00 | 19.48117b (04011024) | 316389.44 | 3901999.00 |
| 19.16949b (04011024) | 316384.09 | 3902023.25 | 18.88576b (04011024) | 316378.72 | 3902047.25 |
| 18.61773b (04011024) | 316373.38 | 3902071.25 | 18.36060b (04011024) | 316368.00 | 3902095.50 |
| 18.09461b (04011024) | 316362.66 | 3902119.50 | 17.80842b (04011024) | 316357.31 | 3902143.50 |
| 17.49571b (04011024) | 316351.94 | 3902167.75 | 17.15363b (04011024) | 316346.59 | 3902191.75 |
| 16.96269b (04110224) | 316341.25 | 3902216.00 | 17.00968b (04110224) | 316335.88 | 3902240.00 |
| 17.06062b (04110224) | 316330.53 | 3902264.00 | 17.11988b (04110224) | 316325.19 | 3902288.25 |
| 17.17557b (04110224) | 316319.81 | 3902312.25 | 17.20564b (04110224) | 316314.47 | 3902336.25 |
| 17.20595b (04110224) | 316309.12 | 3902360.50 | 17.16874b (04110224) | 316303.75 | 3902384.50 |
| 17.07807b (04110224) | 316298.41 | 3902408.75 | 16.95049b (04110224) | 316293.06 | 3902432.75 |
| 16.78034b (04110224) | 316287.69 | 3902456.75 | 16.56971b (04110224) | 316282.34 | 3902481.00 |
| 16.31897b (04110224) | 316277.00 | 3902505.00 | 16.00719b (04110224) | 316271.62 | 3902529.25 |
| 15.60229b (04110224) | 316266.28 | 3902553.25 | 15.04509b (04110224) | 316260.91 | 3902577.25 |
| 14.21434b (04110224) | 316255.56 | 3902601.50 | 12.84921b (04110224) | 316250.22 | 3902625.50 |
| 11.38241b (04092224) | 316582.41 | 3901040.00 | 20.79784c (04111124) | 316568.50 | 3901078.00 |
| 20.89880b (04011024) | 316563.12 | 3901102.00 | 20.87714b (04011024) | 316557.78 | 3901126.25 |
| 20.79595b (04011024) | 316552.44 | 3901150.25 | 20.69480b (04011024) | 316547.09 | 3901174.25 |
| 20.65864c (04111124) | 316541.72 | 3901198.50 | 20.64096c (04111124) | 316536.38 | 3901222.50 |
| 20.59752c (04111124) | 316531.00 | 3901246.75 | 20.52889c (04111124) | 316525.66 | 3901270.75 |
| 20.43174c (04111124) | 316520.31 | 3901294.75 | 20.35426b (04012324) | 316514.94 | 3901319.00 |
| 20.45037b (04012324) | 316509.59 | 3901343.00 | 20.54960b (04012324) | 316504.25 | 3901367.25 |
| 20.65283b (04012324) | 316498.88 | 3901391.25 | 20.75563b (04012324) | 316493.53 | 3901415.25 |
| 20.85342b (04012324) | 316488.19 | 3901439.50 | 20.93787b (04012324) | 316482.81 | 3901463.50 |
| 20.98536b (04012324) | 316477.47 | 3901487.50 | 20.99567b (04012324) | 316472.12 | 3901511.75 |
| 20.97016b (04012324) | 316466.75 | 3901535.75 | 20.89222b (04012324) | 316461.41 | 3901560.00 |
| 20.78429b (04012324) | 316456.06 | 3901584.00 | 20.64638b (04012324) | 316450.69 | 3901608.00 |
| 20.48563b (04012324) |           |            |                      |           |            |

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\*\*\* 12:32:17  
 \*\*MODELOPTS:  
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CONC

DEFAULT ELEV

PAREAL \*\*\*

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

|           |                           | ** CONC OF OTHER | IN MICROGRAMS/M**3 |             | **          |
|-----------|---------------------------|------------------|--------------------|-------------|-------------|
| CONC      | X-COORD (M)<br>(YYMMDDHH) | CONC             | (YYMMDDHH)         | X-COORD (M) | Y-COORD (M) |
| -----     |                           |                  |                    |             |             |
| 20.12017b | 316445.34 (04012324)      | 20.31234b        | (04012324)         | 316440.00   | 3901656.25  |
| 19.68071b | 316434.62 (04012324)      | 19.90778b        | (04012324)         | 316429.28   | 3901704.50  |
| 19.15637b | 316423.94 (04012324)      | 19.43028b        | (04012324)         | 316418.56   | 3901752.75  |
| 18.82918b | 316413.22 (04011024)      | 18.90175b        | (04011024)         | 316407.88   | 3901800.75  |
| 18.63239b | 316402.50 (04011024)      | 18.74429b        | (04011024)         | 316397.16   | 3901849.00  |
| 18.27201b | 316391.81 (04011024)      | 18.48141b        | (04011024)         | 316386.44   | 3901897.25  |
| 17.70109b | 316381.09 (04011024)      | 18.00828b        | (04011024)         | 316375.75   | 3901945.50  |
| 17.04931b | 316370.38 (04011024)      | 17.37113b        | (04011024)         | 316365.03   | 3901993.50  |
| 16.46116b | 316359.66 (04011024)      | 16.74547b        | (04011024)         | 316354.31   | 3902041.75  |
| 15.89995b | 316348.97 (04011024)      | 16.18464b        | (04011024)         | 316343.62   | 3902090.00  |
| 15.27234b | 316338.25 (04011024)      | 15.59593b        | (04011024)         | 316332.91   | 3902138.25  |
| 15.09447b | 316327.56 (04110224)      | 15.07520b        | (04110224)         | 316322.19   | 3902186.25  |
| 15.17666b | 316316.84 (04110224)      | 15.13290b        | (04110224)         | 316311.47   | 3902234.50  |
| 15.27355b | 316306.12 (04110224)      | 15.23031b        | (04110224)         | 316300.78   | 3902282.75  |
| 15.29179b | 316295.41 (04110224)      | 15.29556b        | (04110224)         | 316290.06   | 3902331.00  |
| 15.16235b | 316284.72 (04110224)      | 15.24609b        | (04110224)         | 316279.38   | 3902379.25  |
| 14.86957b | 316274.00 (04110224)      | 15.03461b        | (04110224)         | 316268.66   | 3902427.25  |
| 14.43732b | 316263.28 (04110224)      | 14.67357b        | (04110224)         | 316257.94   | 3902475.50  |
| 13.76939b | 316252.59 (04110224)      | 14.14630b        | (04110224)         | 316247.22   | 3902523.75  |
| 12.50167b | 316241.88 (04110224)      | 13.25578b        | (04110224)         | 316236.53   | 3902572.00  |
| 10.31540b | 316231.16 (04092224)      | 11.41936b        | (04110224)         | 316225.81   | 3902620.00  |
| 19.68032c | 316562.28 (04111124)      | 19.06240c        | (04111124)         | 316598.12   | 3900998.25  |
| 19.22692b | 316549.44 (04011024)      | 18.87036b        | (04011024)         | 316544.09   | 3901072.50  |
| 19.15742b | 316538.75 (04011024)      | 19.23634b        | (04011024)         | 316533.38   | 3901120.75  |
| 18.96537b | 316528.03 (04011024)      | 19.06168b        | (04011024)         | 316522.66   | 3901169.00  |
| 18.85229c | 316517.31 (04111124)      | 18.90339c        | (04111124)         | 316511.97   | 3901217.25  |
| 18.91161b | 316506.62 (04012324)      | 18.83218b        | (04012324)         | 316501.25   | 3901265.25  |
| 19.06978b | 316495.91 (04012324)      | 18.99359b        | (04012324)         | 316490.56   | 3901313.50  |
| 19.21927b | 316485.19 (04012324)      | 19.14265b        | (04012324)         | 316479.84   | 3901361.75  |
| 19.35026b | 316474.47 (04012324)      | 19.28700b        | (04012324)         | 316469.12   | 3901410.00  |
| 19.39945b | 316463.78 (04012324)      | 19.39047b        | (04012324)         | 316458.41   | 3901458.00  |
| 19.30882b | 316453.06 (04012324)      | 19.37611b        | (04012324)         | 316447.72   | 3901506.25  |
| 19.06935b | 316442.38 (04012324)      | 19.20447b        | (04012324)         | 316437.00   | 3901554.50  |
| 18.73433b | 316431.66 (04012324)      | 18.91069b        | (04012324)         | 316426.28   | 3901602.75  |
| 18.33958b | 316420.94 (04012324)      | 18.54370b        | (04012324)         | 316415.59   | 3901650.75  |
| 17.88597b | 316410.22 (04012324)      | 18.12039b        | (04012324)         | 316404.88   | 3901699.00  |



99.ADO  
 316399.53 3901723.25 17.63467b (04012324) 316394.16 3901747.25  
 17.52659b (04011024)  
 316388.81 3901771.25 17.44175b (04011024) 316383.47 3901795.50  
 17.35321b (04011024)  
 316378.09 3901819.50 17.24803b (04011024) 316372.75 3901843.50  
 17.11993b (04011024)  
 316367.38 3901867.75 16.95299b (04011024) 316362.03 3901891.75  
 16.73697b (04011024)  
 \*\*\* AERMOD - VERSION 07026 \*\*\* \*\*\* C:\Lakes\BFD\BFD.isc  
 \*\*\* 05/07/09 \*\*\*

\*\*\* 12:32:17

\*\*MODELOPTs:

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CONC

DFAULT ELEV

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

PAREA1 \*\*\*

INCLUDING SOURCE(S): PAREA1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| ** CONC OF OTHER     |                      | IN MICROGRAMS/M**3   |            |             |             |
|----------------------|----------------------|----------------------|------------|-------------|-------------|
| X-COORD (M)          | Y-COORD (M)          | CONC                 | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
| CONC                 | (YYMMDDHH)           |                      |            |             |             |
| 16.15732b (04011024) | 316356.69 3901916.00 | 16.46851b (04011024) |            | 316351.34   | 3901940.00  |
| 15.49147b (04011024) | 316345.97 3901964.00 | 15.82314b (04011024) |            | 316340.62   | 3901988.25  |
| 14.87018b (04011024) | 316335.28 3902012.25 | 15.17432b (04011024) |            | 316329.91   | 3902036.50  |
| 14.27114b (04011024) | 316324.56 3902060.50 | 14.57401b (04011024) |            | 316319.19   | 3902084.50  |
| 13.72124b (04110224) | 316313.84 3902108.75 | 13.95637b (04011024) |            | 316308.50   | 3902132.75  |
| 13.74451b (04110224) | 316303.12 3902156.75 | 13.72500b (04110224) |            | 316297.78   | 3902181.00  |
| 13.81241b (04110224) | 316292.44 3902205.00 | 13.77246b (04110224) |            | 316287.09   | 3902229.25  |
| 13.88239b (04110224) | 316281.72 3902253.25 | 13.85036b (04110224) |            | 316276.38   | 3902277.25  |
| 13.88529b (04110224) | 316271.00 3902301.50 | 13.89695b (04110224) |            | 316265.66   | 3902325.50  |
| 13.74825b (04110224) | 316260.31 3902349.50 | 13.83482b (04110224) |            | 316254.94   | 3902373.75  |
| 13.47502b (04110224) | 316249.59 3902397.75 | 13.62706b (04110224) |            | 316244.25   | 3902422.00  |
| 13.06546b (04110224) | 316238.88 3902446.00 | 13.28802b (04110224) |            | 316233.53   | 3902470.00  |
| 12.43957b (04110224) | 316228.19 3902494.25 | 12.79169b (04110224) |            | 316222.81   | 3902518.25  |
| 11.28868b (04110224) | 316217.47 3902542.50 | 11.96185b (04110224) |            | 316212.12   | 3902566.50  |
| 9.53143b (04092224)  | 316206.75 3902590.50 | 10.44287b (04110224) |            | 316201.41   | 3902614.75  |
| 17.93426c (04111124) | 316536.47 3901024.50 | 17.66604c (04111124) |            | 316579.72   | 3900979.75  |
| 17.91230b (04011024) | 316519.69 3901067.25 | 17.87388b (04011024) |            | 316514.34   | 3901091.25  |
| 17.75523b (04011024) | 316508.97 3901115.25 | 17.84461b (04011024) |            | 316503.62   | 3901139.50  |
| 17.60579b (04012324) | 316498.28 3901163.50 | 17.66204b (04011024) |            | 316492.91   | 3901187.50  |
| 17.76596b (04012324) | 316487.56 3901211.75 | 17.68982b (04012324) |            | 316482.22   | 3901235.75  |
| 17.89516b (04012324) | 316476.84 3901260.00 | 17.83579b (04012324) |            | 316471.50   | 3901284.00  |
| 17.99154b (04012324) | 316466.12 3901308.00 | 17.94486b (04012324) |            | 316460.78   | 3901332.25  |
| 18.05983b (04012324) | 316455.44 3901356.25 | 18.02946b (04012324) |            | 316450.09   | 3901380.25  |
| 18.07984b (04012324) | 316444.72 3901404.50 | 18.08014b (04012324) |            | 316439.38   | 3901428.50  |
| 17.99354b (04012324) | 316434.03 3901452.75 | 18.05538b (04012324) |            | 316428.66   | 3901476.75  |
| 17.77256b (04012324) | 316423.31 3901500.75 | 17.89892b (04012324) |            | 316417.94   | 3901525.00  |
|                      | 316412.59 3901549.00 | 17.62024b (04012324) |            | 316407.25   | 3901573.25  |

|                                |                          |            |                      |           |            |
|--------------------------------|--------------------------|------------|----------------------|-----------|------------|
| 17.44958b (04012324)           | 316401.88                | 3901597.25 | 17.26095b (04012324) | 316396.53 | 3901621.25 |
| 17.06188b (04012324)           | 316391.19                | 3901645.50 | 16.85223b (04012324) | 316385.84 | 3901669.50 |
| 16.65114b (04011024)           | 316380.47                | 3901693.50 | 16.56891b (04011024) | 316375.12 | 3901717.75 |
| 16.48016b (04011024)           | 316369.75                | 3901741.75 | 16.38268b (04011024) | 316364.41 | 3901766.00 |
| 16.28341b (04011024)           | 316359.06                | 3901790.00 | 16.17645b (04011024) | 316353.69 | 3901814.00 |
| 16.05561b (04011024)           | 316348.34                | 3901838.25 | 15.91404b (04011024) | 316343.00 | 3901862.25 |
| 15.73610b (04011024)           | 316337.62                | 3901886.50 | 15.51108b (04011024) | 316332.28 | 3901910.50 |
| 15.23786b (04011024)           | 316326.94                | 3901934.50 | 14.92363b (04011024) | 316321.56 | 3901958.75 |
| 14.58385b (04011024)           | 316316.22                | 3901982.75 | 14.24316b (04011024) | 316310.88 | 3902006.75 |
| 13.91215b (04011024)           | 316305.50                | 3902031.00 | 13.59118b (04011024) | 316300.16 | 3902055.00 |
| 13.27862b (04011024)           | 316294.81                | 3902079.25 | 12.96297b (04011024) | 316289.44 | 3902103.25 |
| 12.66630b (04110224)           | 316284.09                | 3902127.25 | 12.66198b (04110224) | 316278.75 | 3902151.50 |
| 12.66929b (04110224)           | 316273.38                | 3902175.50 | 12.68105b (04110224) | 316268.03 | 3902199.50 |
| 12.70308b (04110224)           |                          |            |                      |           |            |
| *** AERMOD - VERSION 07026 *** | *** C:\Lakes\BFD\BFD.isc |            |                      |           |            |
| *** 05/07/09                   | ***                      |            |                      |           |            |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

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

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| X-COORD (M) Y-COORD (M) |            | CONC       | (YYMMDDHH)           | X-COORD (M) Y-COORD (M) |            |
|-------------------------|------------|------------|----------------------|-------------------------|------------|
| CONC                    | (YYMMDDHH) |            |                      |                         |            |
| 12.76202b (04110224)    | 316262.66  | 3902223.75 | 12.73283b (04110224) | 316257.31               | 3902247.75 |
| 12.78791b (04110224)    | 316251.97  | 3902272.00 | 12.78527b (04110224) | 316246.62               | 3902296.00 |
| 12.70816b (04110224)    | 316241.25  | 3902320.00 | 12.76245b (04110224) | 316235.91               | 3902344.25 |
| 12.50098b (04110224)    | 316230.56  | 3902368.25 | 12.61981b (04110224) | 316225.19               | 3902392.50 |
| 12.17203b (04110224)    | 316219.84  | 3902416.50 | 12.35381b (04110224) | 316214.47               | 3902440.50 |
| 11.70140b (04110224)    | 316209.12  | 3902464.75 | 11.96052b (04110224) | 316203.78               | 3902488.75 |
| 10.92753b (04110224)    | 316198.41  | 3902512.75 | 11.37079b (04110224) | 316193.06               | 3902537.00 |
| 9.67431b (04110224)     | 316187.72  | 3902561.00 | 10.33975b (04110224) | 316182.38               | 3902585.25 |
| 12.06571b (04051424)    | 316177.00  | 3902609.25 | 8.95027b (04110224)  | 316274.62               | 3902656.00 |
| 12.56110b (04051424)    | 316298.97  | 3902656.00 | 12.61366b (04051424) | 316323.34               | 3902656.00 |
| 12.34297b (04051424)    | 316347.69  | 3902656.00 | 12.46187b (04051424) | 316372.03               | 3902656.00 |
| 12.05164b (04051424)    | 316396.41  | 3902656.00 | 12.20723b (04051424) | 316420.75               | 3902656.00 |
| 11.68847b (04051424)    | 316445.12  | 3902656.00 | 11.88015b (04051424) | 316469.47               | 3902656.00 |
| 11.24036b (04051424)    | 316493.81  | 3902656.00 | 11.47577b (04051424) | 316518.19               | 3902656.00 |
| 10.69690b (04051424)    | 316542.53  | 3902656.00 | 10.98159b (04051424) | 316566.88               | 3902656.00 |
| 10.17670c (04111924)    | 316591.25  | 3902656.00 | 10.38221b (04051424) | 316615.59               | 3902656.00 |
| 9.96715c (04111924)     | 316639.97  | 3902656.00 | 10.08131c (04111924) | 316664.31               | 3902656.00 |

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|                      |            |                      |           |            |
|----------------------|------------|----------------------|-----------|------------|
| 316688.66            | 3902656.00 | 9.82850c (04111924)  | 316713.03 | 3902656.00 |
| 9.66291c (04111924)  |            |                      |           |            |
| 316737.38            | 3902656.00 | 9.46007c (04111924)  | 316761.75 | 3902656.00 |
| 9.21086c (04111924)  |            |                      |           |            |
| 316786.09            | 3902656.00 | 8.90098c (04111924)  | 316810.44 | 3902656.00 |
| 8.51271c (04111924)  |            |                      |           |            |
| 316834.81            | 3902656.00 | 8.02299c (04111924)  | 316859.16 | 3902656.00 |
| 7.42747c (04111924)  |            |                      |           |            |
| 316883.50            | 3902656.00 | 6.68284c (04111924)  | 316907.88 | 3902656.00 |
| 5.83889c (04111924)  |            |                      |           |            |
| 316255.12            | 3902671.50 | 10.65976b (04051424) | 316298.97 | 3902681.00 |
| 11.10012b (04051424) |            |                      |           |            |
| 316323.34            | 3902681.00 | 11.01671b (04051424) | 316347.69 | 3902681.00 |
| 10.90868b (04051424) |            |                      |           |            |
| 316372.03            | 3902681.00 | 10.78486b (04051424) | 316396.41 | 3902681.00 |
| 10.65073b (04051424) |            |                      |           |            |
| 316420.75            | 3902681.00 | 10.50110b (04051424) | 316445.12 | 3902681.00 |
| 10.33381b (04051424) |            |                      |           |            |
| 316469.47            | 3902681.00 | 10.14775b (04051424) | 316493.81 | 3902681.00 |
| 9.94150b (04051424)  |            |                      |           |            |
| 316518.19            | 3902681.00 | 9.71441b (04051424)  | 316542.53 | 3902681.00 |
| 9.46505b (04051424)  |            |                      |           |            |
| 316566.88            | 3902681.00 | 9.19037b (04051424)  | 316591.25 | 3902681.00 |
| 8.88530b (04051424)  |            |                      |           |            |
| 316615.59            | 3902681.00 | 8.54495b (04051424)  | 316639.97 | 3902681.00 |
| 8.36390c (04111924)  |            |                      |           |            |
| 316664.31            | 3902681.00 | 8.26589c (04111924)  | 316688.66 | 3902681.00 |
| 8.14307c (04111924)  |            |                      |           |            |
| 316713.03            | 3902681.00 | 7.99773c (04111924)  | 316737.38 | 3902681.00 |
| 7.82229c (04111924)  |            |                      |           |            |
| 316761.75            | 3902681.00 | 7.60846c (04111924)  | 316786.09 | 3902681.00 |
| 7.35248c (04111924)  |            |                      |           |            |
| 316810.44            | 3902681.00 | 7.04810c (04111924)  | 316834.81 | 3902681.00 |
| 6.69251c (04111924)  |            |                      |           |            |
| 316859.16            | 3902681.00 | 6.27293c (04111924)  | 316883.50 | 3902681.00 |
| 5.74815c (04111924)  |            |                      |           |            |
| 316907.88            | 3902681.00 | 5.23458c (04111924)  | 316255.12 | 3902696.50 |
| 10.09639b (04051424) |            |                      |           |            |
| 316211.22            | 3902656.75 | 9.57494b (04092224)  | 316298.97 | 3902706.00 |
| 10.06731b (04051424) |            |                      |           |            |
| 316323.34            | 3902706.00 | 9.97313b (04051424)  | 316347.69 | 3902706.00 |
| 9.85941b (04051424)  |            |                      |           |            |
| 316372.03            | 3902706.00 | 9.73480b (04051424)  | 316396.41 | 3902706.00 |
| 9.59765b (04051424)  |            |                      |           |            |
| 316420.75            | 3902706.00 | 9.44657b (04051424)  | 316445.12 | 3902706.00 |
| 9.27944b (04051424)  |            |                      |           |            |

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

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

PAREAl \*\*\*

INCLUDING SOURCE(S): PAREAl ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)         | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|---------------------|-------------|----------|------------|-------------|-------------|
| 316469.47           | 3902706.00  | 9.09570b | (04051424) | 316493.81   | 3902706.00  |
| 8.89400b (04051424) |             |          |            |             |             |
| 316518.19           | 3902706.00  | 8.67280b | (04051424) | 316542.53   | 3902706.00  |
| 8.43039b (04051424) |             |          |            |             |             |
| 316566.88           | 3902706.00  | 8.16277b | (04051424) | 316591.25   | 3902706.00  |
| 7.86475b (04051424) |             |          |            |             |             |
| 316615.59           | 3902706.00  | 7.53214b | (04051424) | 316639.97   | 3902706.00  |
| 7.20790c (04111924) |             |          |            |             |             |
| 316664.31           | 3902706.00  | 7.12421c | (04111924) | 316688.66   | 3902706.00  |
| 7.02279c (04111924) |             |          |            |             |             |
| 316713.03           | 3902706.00  | 6.90155c | (04111924) | 316737.38   | 3902706.00  |
| 6.75769c (04111924) |             |          |            |             |             |
| 316761.75           | 3902706.00  | 6.58873c | (04111924) | 316786.09   | 3902706.00  |
| 6.39189c (04111924) |             |          |            |             |             |
| 316810.44           | 3902706.00  | 6.16348c | (04111924) | 316834.81   | 3902706.00  |

|                      |           |            |                      |           |            |
|----------------------|-----------|------------|----------------------|-----------|------------|
| 5.89345c (04111924)  | 316859.16 | 3902706.00 | 5.55876c (04111924)  | 316883.50 | 3902706.00 |
| 5.15431c (04111924)  | 316907.88 | 3902706.00 | 4.79917c (04111924)  | 316255.12 | 3902721.50 |
| 9.47723b (04051424)  | 316216.12 | 3902702.75 | 8.86895b (04051424)  | 316191.72 | 3902672.50 |
| 8.91089b (04092224)  | 316298.97 | 3902731.00 | 9.28056b (04051424)  | 316323.34 | 3902731.00 |
| 9.18184b (04051424)  | 316347.69 | 3902731.00 | 9.06763b (04051424)  | 316372.03 | 3902731.00 |
| 8.94120b (04051424)  | 316396.41 | 3902731.00 | 8.80240b (04051424)  | 316420.75 | 3902731.00 |
| 8.65061b (04051424)  | 316445.12 | 3902731.00 | 8.48434b (04051424)  | 316469.47 | 3902731.00 |
| 8.30311b (04051424)  | 316493.81 | 3902731.00 | 8.10534b (04051424)  | 316518.19 | 3902731.00 |
| 7.88882b (04051424)  | 316542.53 | 3902731.00 | 7.65114b (04051424)  | 316566.88 | 3902731.00 |
| 7.38771b (04051424)  | 316591.25 | 3902731.00 | 7.09335b (04051424)  | 316615.59 | 3902731.00 |
| 6.76384b (04051424)  | 316639.97 | 3902731.00 | 6.45128c (04122024)  | 316664.31 | 3902731.00 |
| 6.34905c (04122024)  | 316688.66 | 3902731.00 | 6.22642c (04122024)  | 316713.03 | 3902731.00 |
| 6.10594c (04111924)  | 316737.38 | 3902731.00 | 5.99691c (04111924)  | 316761.75 | 3902731.00 |
| 5.87004c (04111924)  | 316786.09 | 3902731.00 | 5.72105c (04111924)  | 316810.44 | 3902731.00 |
| 5.54198c (04111924)  | 316834.81 | 3902731.00 | 5.31766c (04111924)  | 316859.16 | 3902731.00 |
| 5.03246c (04111924)  | 316883.50 | 3902731.00 | 4.71248c (04111924)  | 316907.88 | 3902731.00 |
| 4.45415c (04111924)  | 316932.88 | 3902631.25 | 5.38441c (04111924)  | 316933.28 | 3902607.00 |
| 6.01041b (04011724)  | 316933.66 | 3902582.50 | 6.53338c (04020424)  | 316934.09 | 3902558.25 |
| 7.44991c (04020424)  | 316934.47 | 3902533.75 | 8.18150c (04020424)  | 316934.88 | 3902509.50 |
| 8.76940c (04020424)  | 316935.28 | 3902485.25 | 9.26700c (04020424)  | 316935.69 | 3902460.75 |
| 9.70491c (04020424)  | 316936.09 | 3902436.50 | 10.08879c (04020424) | 316936.50 | 3902412.00 |
| 10.43516c (04020424) | 316936.91 | 3902387.75 | 10.74094c (04020424) | 316937.31 | 3902363.25 |
| 11.18841c (04082324) | 316937.69 | 3902339.00 | 11.59560c (04082324) | 316938.09 | 3902314.50 |
| 11.95286c (04082324) | 316938.50 | 3902290.25 | 12.26963c (04082324) | 316938.91 | 3902265.75 |
| 12.55836c (04082324) | 316939.31 | 3902241.50 | 12.81832c (04082324) | 316939.72 | 3902217.00 |
| 13.06051c (04082324) | 316940.12 | 3902192.75 | 13.35636c (04011624) | 316950.41 | 3902649.25 |
| 4.78262c (04111924)  | 316958.28 | 3902607.50 | 5.01698b (04011724)  | 316958.66 | 3902583.00 |
| 5.37609b (04011724)  | 316959.06 | 3902558.75 | 5.83137c (04020424)  | 316959.47 | 3902534.25 |
| 6.45266c (04020424)  | 316959.88 | 3902510.00 | 6.99469c (04020424)  | 316960.28 | 3902485.50 |
| 7.47492c (04020424)  | 316960.69 | 3902461.25 | 7.89644c (04020424)  | 316961.09 | 3902436.75 |
| 8.27707c (04020424)  | 316961.50 | 3902412.50 | 8.61594c (04020424)  | 316961.88 | 3902388.00 |
| 8.92640c (04020424)  | 316962.31 | 3902363.75 | 9.19690c (04020424)  | 316962.69 | 3902339.25 |
| 9.44001c (04020424)  |           |            |                      |           |            |

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CONC

DFAULT ELEV

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| CONC      | X-COORD (M)<br>(YYMMDDHH) | Y-COORD (M) | CONC      | 99.ADO<br>(YYMMDDHH) | X-COORD (M) | Y-COORD (M) |
|-----------|---------------------------|-------------|-----------|----------------------|-------------|-------------|
| 9.91046c  | 316963.09                 | 3902315.00  | 9.64595c  | (04020424)           | 316963.50   | 3902290.50  |
| 10.46175c | 316963.91                 | 3902266.25  | 10.19709c | (04082324)           | 316964.31   | 3902241.75  |
| 10.93021c | 316964.72                 | 3902217.50  | 10.70226c | (04082324)           | 316965.12   | 3902193.00  |
| 4.29444c  | 316965.53                 | 3902168.75  | 11.14111c | (04082324)           | 316975.38   | 3902649.50  |
| 4.42752b  | 316942.94                 | 3902691.50  | 4.62426c  | (04111924)           | 316983.25   | 3902607.75  |
| 5.04501c  | 316983.66                 | 3902583.50  | 4.70840b  | (04011724)           | 316984.06   | 3902559.00  |
| 5.89459c  | 316984.47                 | 3902534.75  | 5.41757c  | (04020424)           | 316984.88   | 3902510.25  |
| 6.73578c  | 316985.28                 | 3902486.00  | 6.33183c  | (04020424)           | 316985.69   | 3902461.50  |
| 7.43796c  | 316986.09                 | 3902437.25  | 7.10068c  | (04020424)           | 316986.50   | 3902412.75  |
| 8.02123c  | 316986.88                 | 3902388.50  | 7.74344c  | (04020424)           | 316987.28   | 3902364.00  |
| 8.48221c  | 316987.69                 | 3902339.75  | 8.26581c  | (04020424)           | 316988.09   | 3902315.25  |
| 8.82897c  | 316988.50                 | 3902291.00  | 8.66714c  | (04020424)           | 316988.91   | 3902266.50  |
| 9.12761c  | 316989.31                 | 3902242.25  | 8.96953c  | (04020424)           | 316989.72   | 3902217.75  |
| 9.65562c  | 316990.12                 | 3902193.50  | 9.34913c  | (04082324)           | 316990.53   | 3902169.25  |
| 4.06042c  | 317000.38                 | 3902650.00  | 3.93461c  | (04111924)           | 316985.47   | 3902684.75  |
| 4.00500b  | 316960.47                 | 3902709.50  | 4.27125c  | (04111924)           | 317008.25   | 3902608.25  |
| 4.52358c  | 317008.66                 | 3902583.75  | 4.24288b  | (04011724)           | 317009.06   | 3902559.50  |
| 5.12063c  | 317009.47                 | 3902535.00  | 4.80900c  | (04012024)           | 317009.88   | 3902510.75  |
| 5.88271c  | 317010.28                 | 3902486.25  | 5.51394c  | (04020424)           | 317010.69   | 3902462.00  |
| 6.55572c  | 317011.09                 | 3902437.50  | 6.23222c  | (04020424)           | 317011.47   | 3902413.25  |
| 7.13229c  | 317011.88                 | 3902389.00  | 6.85478c  | (04020424)           | 317012.28   | 3902364.50  |
| 7.60416c  | 317012.69                 | 3902340.25  | 7.38071c  | (04020424)           | 317013.09   | 3902315.75  |
| 7.96848c  | 317013.50                 | 3902291.50  | 7.79790c  | (04020424)           | 317013.91   | 3902267.00  |
| 8.25179c  | 317014.31                 | 3902242.75  | 8.11669c  | (04020424)           | 317014.72   | 3902218.25  |
| 8.60870c  | 317015.12                 | 3902194.00  | 8.37675c  | (04020424)           | 317015.50   | 3902169.50  |

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 CONC DFAULT ELEV

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 8784 HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| NETWORK<br>GROUP ID<br>TYPE GRID-ID | AVERAGE CONC            | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF          |
|-------------------------------------|-------------------------|----------------------------------------|-------------|
| PAREA1 1ST HIGHEST VALUE IS         | 9.91714 AT ( 316888.00, | 3901034.25,                            | 0.00, 0.00, |
| 0.00) DC                            | 9.91337 AT ( 316863.84, | 3901034.75,                            | 0.00, 0.00, |
| 0.00) DC                            | 9.90413 AT ( 316912.19, | 3901033.75,                            | 0.00, 0.00, |
| 0.00) DC                            | 9.88985 AT ( 316839.66, | 3901035.25,                            | 0.00, 0.00, |
| 4TH HIGHEST VALUE IS                |                         |                                        |             |

0.00) DC  
 0.00) DC 5TH HIGHEST VALUE IS 9.87611 AT ( 316936.34, 3901033.25, 0.00, 0.00,  
 0.00) DC 6TH HIGHEST VALUE IS 9.84294 AT ( 316815.50, 3901035.75, 0.00, 0.00,  
 0.00) DC 7TH HIGHEST VALUE IS 9.83527 AT ( 316960.53, 3901032.75, 0.00, 0.00,  
 0.00) DC 8TH HIGHEST VALUE IS 9.78240 AT ( 316984.69, 3901032.25, 0.00, 0.00,  
 0.00) DC 9TH HIGHEST VALUE IS 9.76761 AT ( 316791.34, 3901036.25, 0.00, 0.00,  
 0.00) DC 10TH HIGHEST VALUE IS 9.71693 AT ( 317008.88, 3901031.75, 0.00, 0.00,  
 0.00) DC

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

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\*\*MODELOPTs:

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CONC

DFAULT ELEV

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

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

DATE

| GROUP ID<br>ZFLAG) | NETWORK<br>OF TYPE GRID-ID | AVERAGE CONC<br>(YYMMDDHH) | RECEPTOR<br>(XR, YR, ZELEV, ZHILL, |
|--------------------|----------------------------|----------------------------|------------------------------------|
|--------------------|----------------------------|----------------------------|------------------------------------|

|                 |                                    |                                                    |       |
|-----------------|------------------------------------|----------------------------------------------------|-------|
| PAREAl<br>0.00, | HIGH 1ST HIGH VALUE IS<br>0.00) DC | 366.48102 ON 04012306: AT ( 316646.31, 3901039.25, | 0.00, |
|-----------------|------------------------------------|----------------------------------------------------|-------|

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

□ \*\*\* AERMOD - VERSION 07026 \*\*\* \*\*\* C:\Lakes\BFD\BFD.isc  
 \*\*\* 05/07/09 \*\*\*

\*\*\* 12:32:17

\*\*MODELOPTs:

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CONC

DFAULT ELEV

\*\*\* THE SUMMARY OF HIGHEST 3-HR RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

DATE

| GROUP ID<br>ZFLAG) | NETWORK<br>OF TYPE GRID-ID | AVERAGE CONC<br>(YYMMDDHH) | RECEPTOR<br>(XR, YR, ZELEV, ZHILL, |
|--------------------|----------------------------|----------------------------|------------------------------------|
|--------------------|----------------------------|----------------------------|------------------------------------|

|                 |                                    |                                                     |       |
|-----------------|------------------------------------|-----------------------------------------------------|-------|
| PAREAl<br>0.00, | HIGH 1ST HIGH VALUE IS<br>0.00) DC | 122.16034c ON 04012306: AT ( 316646.31, 3901039.25, | 0.00, |
|-----------------|------------------------------------|-----------------------------------------------------|-------|

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

□ \*\*\* AERMOD - VERSION 07026 \*\*\* \*\*\* C:\Lakes\BFD\BFD.isc  
 \*\*\* 05/07/09 \*\*\*

\*\*\* 12:32:17

\*\*MODELOPTs:

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DFAULT ELEV

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

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID<br>ZFLAG) | NETWORK |                   | AVERAGE CONC | DATE<br>(YYMMDDHH) | RECEPTOR (XR, YR, ZELEV, ZHILL, |
|--------------------|---------|-------------------|--------------|--------------------|---------------------------------|
|                    | OF TYPE | GRID-ID           |              |                    |                                 |
| PAREAl             | HIGH    | 1ST HIGH VALUE IS | 64.52206c    | ON 04122608: AT (  | 316670.47, 3901038.75, 0.00,    |
| 0.00,              | 0.00)   | DC                |              |                    |                                 |

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

\*\*\* AERMOD - VERSION 07026 \*\*\* C:\Lakes\BFD\BFD.isc  
 05/07/09

\*\*\*

\*\*\* 12:32:17

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DFAULT ELEV

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

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID<br>ZFLAG) | NETWORK |                   | AVERAGE CONC | DATE<br>(YYMMDDHH) | RECEPTOR (XR, YR, ZELEV, ZHILL, |
|--------------------|---------|-------------------|--------------|--------------------|---------------------------------|
|                    | OF TYPE | GRID-ID           |              |                    |                                 |
| PAREAl             | HIGH    | 1ST HIGH VALUE IS | 28.60928c    | ON 04111124: AT (  | 316670.47, 3901038.75, 0.00,    |
| 0.00,              | 0.00)   | DC                |              |                    |                                 |

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

\*\*\* AERMOD - VERSION 07026 \*\*\* C:\Lakes\BFD\BFD.isc  
 05/07/09

\*\*\*

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 2057 Informational Message(s)  
 A Total of 1498 Calm Hours Identified  
 A Total of 559 Missing Hours Identified ( 6.36 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

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