

REDUCED FREQUENCY DISTR REPORT

Jun. 7, 2006

Parameter: (88101) PM2.5 - Local Conditions
 State: (49) Utah

| AQS Site ID | Year | POC | Duration | EDT | PCT/ NBR Obs | County | | | | | | Percentiles | Max | 2nd | Min | Arith Mean / STD | |
|-------------|------|-----|--------------------------------|-----|--------------------|-----------|------|------|------|------|------|-------------|-------|-------|-------|------------------------|---------|
| 49-003-0003 | | | | | | Box Elder | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 100 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .2 | 10.14 |
| | | | Micrograms/cubic meter (LC) | | 122 | 2.7 | 4.3 | 6.4 | 10.3 | 22.7 | 33.6 | 52.0 | 60.4 | 66.9 | 60.4 | | 11.21 |
| 49-005-0004 | | | | | | Cache | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 1 | 94 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 15.18 |
| | | | Micrograms/cubic meter (LC) | | 345 | 3.3 | 5.0 | 7.0 | 12.5 | 40.9 | 58.6 | 101.5 | 116.9 | 132.7 | 127.6 | | 22.41 |
| | 1 | | 24 HOURS | 2 | 95 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 15.19 |
| | | | Micrograms/cubic meter (LC) | | 346 | 3.3 | 5.0 | 7.1 | 12.7 | 40.9 | 58.6 | 101.5 | 116.9 | 132.7 | 127.6 | | 22.38 |
| | 1 | | 24 HOURS | 3 | 95 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 15.19 |
| | | | Micrograms/cubic meter (LC) | | 346 | 3.3 | 5.0 | 7.1 | 12.7 | 40.9 | 58.6 | 101.5 | 116.9 | 132.7 | 127.6 | | 22.38 |
| | 1 | | 24 HOURS | 4 | 94 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 15.18 |
| | | | Micrograms/cubic meter (LC) | | 345 | 3.3 | 5.0 | 7.0 | 12.5 | 40.9 | 58.6 | 101.5 | 116.9 | 132.7 | 127.6 | | 22.41 |
| | 1 | | 24 HOURS | 5 | 95 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 15.19 |
| | | | Micrograms/cubic meter (LC) | | 346 | 3.3 | 5.0 | 7.1 | 12.7 | 40.9 | 58.6 | 101.5 | 116.9 | 132.7 | 127.6 | | 22.38 |
| | 1 | | 24 HOURS | 6 | 95 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 15.19 |
| | | | Micrograms/cubic meter (LC) | | 346 | 3.3 | 5.0 | 7.1 | 12.7 | 40.9 | 58.6 | 101.5 | 116.9 | 132.7 | 127.6 | | 22.38 |
| | 1 | | 24 HOURS | 7 | 95 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 15.19 |
| | | | Micrograms/cubic meter (LC) | | 346 | 3.3 | 5.0 | 7.1 | 12.7 | 40.9 | 58.6 | 101.5 | 116.9 | 132.7 | 127.6 | | 22.38 |
| 2004 | 2 | | 24 HOURS | 0 | 21 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 4.4 | 5.34 * |
| | | | Micrograms/cubic meter (LC) | | 12 | 4.4 | 4.7 | 5.6 | 6.0 | 6.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | | .73 |
| 49-005-0005 | | | | | | Cache | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 100 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 4.2 | 11.55 * |
| | | | Micrograms/cubic meter (LC) | | 6 | 4.2 | 10.6 | 12.1 | 14.2 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 14.2 | | 4.17 |

AN ASTERISK (*) WITH A ARITH MEAN VALUE INDICATES THE MEAN DID NOT MEET ANNUAL CRITERIA.

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 State: (49) Utah

| AQS Site ID | Year | POC | Duration | EDT | PCT/ NBR Obs | County | | | | | | Percentiles | Max | 2nd | Min | Arith Mean / STD | |
|-------------|------|-----|--------------------------------|-----|--------------------|-----------|-----|------|------|------|------|-------------|------|------|------|------------------------|--------|
| 49-005-0006 | | | | | | Cache | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 100 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 4.1 | 8.60 * |
| | | | Micrograms/cubic meter (LC) | | 5 | 4.1 | 4.2 | 10.1 | 11.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 11.3 | | 4.22 |
| 49-011-0004 | | | | | | Davis | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.4 | 13.41 |
| | | | Micrograms/cubic meter (LC) | | 120 | 4.0 | 5.9 | 9.2 | 16.7 | 32.2 | 43.3 | 45.8 | 58.1 | 74.0 | 58.1 | | 12.37 |
| 49-035-0003 | | | | | | Salt Lake | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 100 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.4 | 14.36 |
| | | | Micrograms/cubic meter (LC) | | 122 | 4.3 | 6.1 | 8.7 | 14.5 | 39.0 | 51.6 | 65.7 | 66.6 | 68.6 | 66.6 | | 15.08 |
| 49-035-0012 | | | | | | Salt Lake | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 1 | 93 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 3.0 | 17.80 |
| | | | Micrograms/cubic meter (LC) | | 114 | 6.4 | 9.0 | 13.2 | 19.3 | 39.9 | 52.0 | 56.6 | 59.9 | 85.9 | 59.9 | | 14.20 |
| | | 1 | 24 HOURS | 2 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 3.0 | 17.95 |
| | | | Micrograms/cubic meter (LC) | | 120 | 6.6 | 9.3 | 13.6 | 19.9 | 39.9 | 52.0 | 56.6 | 59.9 | 85.9 | 59.9 | | 13.88 |
| | | 1 | 24 HOURS | 3 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 3.0 | 17.95 |
| | | | Micrograms/cubic meter (LC) | | 120 | 6.6 | 9.3 | 13.6 | 19.9 | 39.9 | 52.0 | 56.6 | 59.9 | 85.9 | 59.9 | | 13.88 |
| | | 1 | 24 HOURS | 4 | 93 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 3.0 | 17.80 |
| | | | Micrograms/cubic meter (LC) | | 114 | 6.4 | 9.0 | 13.2 | 19.3 | 39.9 | 52.0 | 56.6 | 59.9 | 85.9 | 59.9 | | 14.20 |
| | | 1 | 24 HOURS | 5 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 3.0 | 17.95 |
| | | | Micrograms/cubic meter (LC) | | 120 | 6.6 | 9.3 | 13.6 | 19.9 | 39.9 | 52.0 | 56.6 | 59.9 | 85.9 | 59.9 | | 13.88 |
| | | 1 | 24 HOURS | 6 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 3.0 | 17.95 |
| | | | Micrograms/cubic meter (LC) | | 120 | 6.6 | 9.3 | 13.6 | 19.9 | 39.9 | 52.0 | 56.6 | 59.9 | 85.9 | 59.9 | | 13.88 |
| | | 1 | 24 HOURS | 7 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 3.0 | 17.95 |
| | | | Micrograms/cubic meter | | 120 | 6.6 | 9.3 | 13.6 | 19.9 | 39.9 | 52.0 | 56.6 | 59.9 | 85.9 | 59.9 | | 13.88 |

AN ASTERISK (*) WITH A ARITH MEAN VALUE INDICATES THE MEAN DID NOT MEET ANNUAL CRITERIA.

REDUCED FREQUENCY DISTR REPORT

Jun. 7, 2006

Parameter: (88101) PM2.5 - Local Conditions
 State: (49) Utah

| AQS Site ID | Year | POC | Duration | EDT | PCT/ NBR Obs | County | | | | | | Percentiles | Max | 2nd | Min | Arith Mean / STD | |
|-------------|------|-----|--------------------------------|-----|--------------------|-----------|------|------|------|------|------|-------------|------|------|------|------------------------|---------|
| 49-035-1001 | | | | | | Salt Lake | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.4 | 11.36 |
| | | | Micrograms/cubic meter (LC) | | 120 | 3.2 | 4.7 | 7.3 | 11.0 | 28.7 | 42.0 | 55.1 | 62.5 | 66.8 | 62.5 | | 12.21 |
| 49-035-3006 | | | | | | Salt Lake | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 1 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.6 | 14.16 |
| | | | Micrograms/cubic meter (LC) | | 359 | 4.3 | 5.6 | 7.8 | 14.3 | 35.4 | 56.8 | 63.9 | 70.0 | 94.2 | 79.6 | | 15.66 |
| | 1 | | 24 HOURS | 2 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.6 | 14.20 |
| | | | Micrograms/cubic meter (LC) | | 360 | 4.4 | 5.6 | 7.8 | 14.6 | 35.4 | 56.8 | 63.9 | 70.0 | 94.2 | 79.6 | | 15.66 |
| | 1 | | 24 HOURS | 3 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.6 | 14.20 |
| | | | Micrograms/cubic meter (LC) | | 360 | 4.4 | 5.6 | 7.8 | 14.6 | 35.4 | 56.8 | 63.9 | 70.0 | 94.2 | 79.6 | | 15.66 |
| | 1 | | 24 HOURS | 4 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.6 | 14.16 |
| | | | Micrograms/cubic meter (LC) | | 359 | 4.3 | 5.6 | 7.8 | 14.3 | 35.4 | 56.8 | 63.9 | 70.0 | 94.2 | 79.6 | | 15.66 |
| | 1 | | 24 HOURS | 5 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.6 | 14.20 |
| | | | Micrograms/cubic meter (LC) | | 360 | 4.4 | 5.6 | 7.8 | 14.6 | 35.4 | 56.8 | 63.9 | 70.0 | 94.2 | 79.6 | | 15.66 |
| | 1 | | 24 HOURS | 6 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.6 | 14.20 |
| | | | Micrograms/cubic meter (LC) | | 360 | 4.4 | 5.6 | 7.8 | 14.6 | 35.4 | 56.8 | 63.9 | 70.0 | 94.2 | 79.6 | | 15.66 |
| | 1 | | 24 HOURS | 7 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.6 | 14.20 |
| | | | Micrograms/cubic meter (LC) | | 360 | 4.4 | 5.6 | 7.8 | 14.6 | 35.4 | 56.8 | 63.9 | 70.0 | 94.2 | 79.6 | | 15.66 |
| 49-035-3007 | | | | | | Salt Lake | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 2.5 | 13.84 |
| | | | Micrograms/cubic meter (LC) | | 119 | 4.7 | 5.7 | 8.7 | 14.7 | 33.7 | 47.9 | 60.5 | 64.0 | 73.5 | 64.0 | | 13.99 |
| 2004 | 2 | | 24 HOURS | 0 | 7 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | | 13.7 | 13.70 * |
| | | | Micrograms/cubic meter (LC) | | 1 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | | | .00 |

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Jun. 7, 2006

Parameter: (88101) PM2.5 - Local Conditions
 State: (49) Utah

| AQS Site ID | Year | POC | Duration | EDT | PCT/ NBR Obs | County | | | | | | Percentiles | Max | 2nd | Min | Arith Mean / STD | |
|-------------|------|-----|------------------------|-----|--------------------|-----------|-----|-----|------|------|------|-------------|------|------|------|------------------------|-------|
| 49-035-3008 | | | | | | Salt Lake | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 90 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.8 | 10.82 |
| | | | Micrograms/cubic meter | | 110 | 3.5 | 4.6 | 7.5 | 10.6 | 24.6 | 44.9 | 48.2 | 54.1 | 62.1 | 54.1 | | 11.54 |
| | | | (LC) | | | | | | | | | | | | | | |
| 49-049-0002 | | | | | | Utah | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 94 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .2 | 11.16 |
| | | | Micrograms/cubic meter | | 116 | 4.1 | 5.2 | 7.9 | 12.0 | 19.7 | 30.4 | 53.7 | 55.0 | 66.7 | 55.0 | | 11.07 |
| | | | (LC) | | | | | | | | | | | | | | |
| 49-049-4001 | | | | | | Utah | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 1 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .8 | 12.83 |
| | | | Micrograms/cubic meter | | 355 | 4.2 | 5.6 | 7.6 | 12.8 | 26.8 | 50.0 | 63.9 | 75.2 | 82.0 | 80.7 | | 14.25 |
| | | | (LC) | | | | | | | | | | | | | | |
| | 1 | | 24 HOURS | 2 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .8 | 12.87 |
| | | | Micrograms/cubic meter | | 356 | 4.2 | 5.6 | 7.6 | 12.9 | 26.8 | 50.0 | 63.9 | 75.2 | 82.0 | 80.7 | | 14.25 |
| | | | (LC) | | | | | | | | | | | | | | |
| | 1 | | 24 HOURS | 3 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .8 | 12.87 |
| | | | Micrograms/cubic meter | | 356 | 4.2 | 5.6 | 7.6 | 12.9 | 26.8 | 50.0 | 63.9 | 75.2 | 82.0 | 80.7 | | 14.25 |
| | | | (LC) | | | | | | | | | | | | | | |
| | 1 | | 24 HOURS | 4 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .8 | 12.83 |
| | | | Micrograms/cubic meter | | 355 | 4.2 | 5.6 | 7.6 | 12.8 | 26.8 | 50.0 | 63.9 | 75.2 | 82.0 | 80.7 | | 14.25 |
| | | | (LC) | | | | | | | | | | | | | | |
| | 1 | | 24 HOURS | 5 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .8 | 12.87 |
| | | | Micrograms/cubic meter | | 356 | 4.2 | 5.6 | 7.6 | 12.9 | 26.8 | 50.0 | 63.9 | 75.2 | 82.0 | 80.7 | | 14.25 |
| | | | (LC) | | | | | | | | | | | | | | |
| | 1 | | 24 HOURS | 6 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .8 | 12.87 |
| | | | Micrograms/cubic meter | | 356 | 4.2 | 5.6 | 7.6 | 12.9 | 26.8 | 50.0 | 63.9 | 75.2 | 82.0 | 80.7 | | 14.25 |
| | | | (LC) | | | | | | | | | | | | | | |
| | 1 | | 24 HOURS | 7 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .8 | 12.87 |
| | | | Micrograms/cubic meter | | 356 | 4.2 | 5.6 | 7.6 | 12.9 | 26.8 | 50.0 | 63.9 | 75.2 | 82.0 | 80.7 | | 14.25 |
| | | | (LC) | | | | | | | | | | | | | | |
| 49-049-5008 | | | | | | Utah | | | | | | | | | | | |
| 2004 | 1 | | 24 HOURS | 0 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.2 | 10.67 |
| | | | Micrograms/cubic meter | | 120 | 3.6 | 5.2 | 7.6 | 10.3 | 21.3 | 39.2 | 50.1 | 63.2 | 75.0 | 63.2 | | 11.46 |

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REDUCED FREQUENCY DISTR REPORT

Jun. 7, 2006

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 State: (49) Utah

| AQS Site ID | | EDT | PCT/ NBR Obs | County | Percentiles | | | | | | | | Max | 2nd | Min | Arith Mean / STD |
|-------------|-----|--------------------------------|--------------------|--------|------------------|-----|-----|------|------|------|------|------|------|------|-----|------------------------|
| Year | POC | | | | Duration Unit | 10 | 25 | 50 | 75 | 90 | 95 | 98 | | | | |
| 49-049-5010 | | | | Utah | | | | | | | | | | | | |
| 2004 | 1 | 24 HOURS | 0 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .6 | 10.60 |
| | | Micrograms/cubic meter (LC) | | 118 | 3.1 | 4.2 | 6.7 | 9.9 | 23.8 | 46.9 | 52.5 | 60.8 | 82.1 | 60.8 | | 12.83 |
| 49-057-0002 | | | | Weber | | | | | | | | | | | | |
| 2004 | 1 | 24 HOURS | 0 | 97 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.5 | 13.88 |
| | | Micrograms/cubic meter (LC) | | 118 | 4.6 | 6.3 | 8.8 | 15.4 | 30.0 | 45.4 | 62.5 | 71.6 | 74.2 | 71.6 | | 13.64 |
| 49-057-0007 | | | | Weber | | | | | | | | | | | | |
| 2004 | 1 | 24 HOURS | 0 | 99 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | .5 | 11.69 |
| | | Micrograms/cubic meter (LC) | | 121 | 3.7 | 5.2 | 7.2 | 12.4 | 25.7 | 38.4 | 54.9 | 65.1 | 70.4 | 65.1 | | 12.17 |
| 49-057-1003 | | | | Weber | | | | | | | | | | | | |
| 2004 | 1 | 24 HOURS | 0 | 98 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 1.7 | 11.59 |
| | | Micrograms/cubic meter (LC) | | 120 | 3.3 | 4.9 | 6.9 | 11.5 | 26.7 | 36.4 | 56.0 | 69.0 | 73.8 | 69.0 | | 12.71 |

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