MAXIMUM VALUES REPORT


| PROTOCOL SELECTIONS |
| :---: |
| Parameter |
| Classification Parameter Method Duration |

CRITERIA

| SELECTED OPTIONS |  |  | SORT ORDER | SCR GROUP SELECTIONS |
| :---: | :---: | :---: | :---: | :---: |
| Option Type | Option Value | Order | Column | UTAH |
| EVENTS PROCESSING | INCLUDE EVENTS | 1 | PARAMETER_CODE |  |
| MERGE PDF FILES | YES | 2 | STATE_CODE |  |
|  |  | 3 | DURATION_CODE |  |
|  |  | 4 | DATES |  |
|  |  | 5 | COUNTY_CODE |  |
|  |  | 6 | SITE_ID |  |
|  |  | 7 | POC |  |
|  |  | 8 | EDT_ID |  |


| GLOBAL DATES |  |
| :---: | :---: |
| Start Date | End Date |
| 2007 | 2007 |

EXCEPTIONAL DATA TYPES
EDT $\quad$ DESCRIPTION

0 No EVENTS
1 EVENTS EXCLUDED
2 EVENTS INCLUDED
3 EXCEPTIONAL EVENTS EXCLUDED
4 NATURAL EVENTS EXCLUDED
5 EVEnts with concurrence excluded
6 EXCEPTIONAL EVENTS WITH CONCURRENCE EXCLUDED
7 NATURAL EVENTS WITH CONCURRENCE EXCLUDED

| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-0003 | 1 | Salt Lake | 054 |  |
|  |  | Not in a city |  |  |
| State: | Utah |  |  |  |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-3006 | 1 | Salt Lake | 054 |  |
|  |  | Salt Lake City |  |  |
| State: | Utah |  |  |  |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-035-3007 | 1 | Salt Lake | 054 |  |
|  |  | West Valley |  |  |

Carbon monoxide (42101)


Carbon monoxide (42101)


Carbon monoxide (42101)

Primary: 35.
Secondary: 35.5
Unit: Parts per million
Maximum Values

| 1st Max | 2nd Max |
| :---: | :---: |
| 6th Max | 7 th Max |
| 6.1 | 5.5 |
| $02 / 07: 08$ | $01 / 29: 08$ |
| 4.6 | 4.4 |
| $12 / 05: 07$ | $11 / 07: 23$ |


| 3rd Max | 4th Max | 5th Max |
| :---: | :---: | :---: |
| 8th Max | 9th Max | 10th Max |
| 5.3 | 5.2 | 4.7 |
| $02 / 07: 07$ | $12 / 05: 08$ | $11 / 08: 07$ |
| 4.1 | 4.1 | 4.0 |
| $11 / 06: 22$ | $11 / 07: 22$ | $01 / 29: 06$ |

Page 2 of 30


| State: | Utah |
| :--- | :--- |
| Duration: | $8-H R$ RUN AVG END HOUR |
| Year: | 2007 |


| Site ID | POC | County Name |  |
| :---: | :---: | :---: | :---: |
| City Name | Methods |  |  |
| $49-035-3006$ | 1 | Salt Lake | 054 |

State: Utah
Duration: 8-HR RUN AVG END HOUR
Year: 2007

| Site ID | POC | County Name |  |
| :---: | :---: | :---: | :---: |
| City Name | Methods |  |  |
| 49-035-3007 | 1 | Salt Lake | 054 |


| State: | Utah |
| :--- | :--- |
| Duration: | $8-H R$ RUN AVG END HOUR |
| Year: | 2007 |


| Site ID | POC | County Name <br> City Name | Methods |  |
| :---: | :---: | :---: | :---: | :---: |
| $49-049-0002$ | 1 | Utah | 054 |  |

Carbon monoxide (42101)


## Carbon monoxide (42101)



Carbon monoxide (42101)

Primary: 9.5
Secondary: 9.5
Unit: Parts per million
Maximum Values

| 1st Max | 2nd Max |
| :---: | :---: |
| 6th Max | 7 th Max |
| 2.8 | 2.5 |
| $02 / 07: 01$ | $01 / 03: 22$ |


| State: | Utah |
| :--- | :---: |
| Duration: | $8-H R$ |
| Year: | 2007 |
|  |  |
| Site ID | POC |
| $49-057-0006$ | 1 |


| State: | Utah |
| :--- | :--- |
| Duration: | 1 HOUR |

Year: 2007

| Site ID | POC |
| :---: | :---: |
| $49-011-0004$ | 1 |


| State: | Utah |
| :--- | :--- |
| Duration: | 1 HOUR |
| Year: | 2007 |


|  |  | County Name |  |
| :---: | :---: | :---: | :---: |
| Site ID | POC | City Name | Methods |
| $49-035-0012$ | 1 | Salt Lake | 060 |

Carbon monoxide (42101)


Sulfur dioxide (42401)
Primary:
Secondary:

Unit: Parts per million

| Maximum Values |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| $\begin{gathered} \text { 6th Max } \\ .056 \end{gathered}$ | $\begin{gathered} \text { 7th Max } \\ .047 \end{gathered}$ | $\begin{gathered} \text { 8th Max } \\ .045 \end{gathered}$ | $\begin{gathered} 9 \text { th Max } \\ .042 \end{gathered}$ | $\begin{gathered} 10 t h \operatorname{Max} \\ .039 \end{gathered}$ | $\begin{aligned} & \text { Obs } \\ & 8514 \end{aligned}$ | Exc | $\begin{gathered} \text { ID } \\ 0 \end{gathered}$ |
| 04/04:08 | 04/04:07 | 04/05:06 | 01/29:11 | 04/04:06 |  |  |  |
| . 028 | . 025 | . 024 | . 023 | . 019 |  |  |  |
| 04/03:09 | 04/04:12 | 04/04:11 | 04/04:09 | 04/03:02 |  |  |  |
| Sulfur | ide (42401) |  |  |  |  |  |  |

Primary:
Secondary
Unit: Parts per million
Maximum Values

| 1st Max | 2nd Max |
| :---: | :---: |
| 6th Max | 7th Max |
| .042 | .040 |
| $04 / 04: 14$ | $04 / 04: 15$ |
| .029 | .029 |
| $04 / 01: 12$ | $09 / 19: 20$ |


| 3rd Max | 4th Max | 5th Max |
| :---: | :---: | :---: |
| 8th Max | 9th Max | 10 th Max |
| .036 | .035 | .034 |
| $04 / 04: 08$ | $10 / 23: 11$ | $04 / 02: 09$ |
| .027 | .026 | .026 |
| $04 / 02: 01$ | $04 / 02: 06$ | $06 / 15: 07$ |

Page 5 of 30

| State: | Utah |
| :--- | :--- |
| Duration: | 1 HOUR |
| Year: | 2007 |


| Site ID | POC | County Name <br> City Name | Methods |
| :---: | :---: | :---: | :---: |
| 49-035-1001 | 4 | Salt Lake <br> Magna | 060 |



| State: | Utah |
| :--- | :--- |
| Duration: | $24-$ HR BLK AVG |
| Year: | 2007 |


| Site ID | POC | County Name <br> City Name | Methods |  |
| :---: | :---: | :---: | :---: | :---: |
| $49-011-0004$ | 1 | Davis | 060 |  |

Sulfur dioxide (42401)

|  |  | Primary: |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Secondary: |  |  |  |  |  |
|  |  |  |  | Unit: Par | per | ion |  |
|  |  | Maximum Values |  |  |  |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| 6th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| . 038 | . 036 | . 034 | . 033 | . 030 | 8612 |  | 0 |
| 04/16:12 | 06/07:02 | 04/18:20 | 01/30:17 | 06/06:16 |  |  |  |
| . 029 | . 029 | . 029 | . 028 | . 027 |  |  |  |
| 05/13:15 | 06/05:22 | 10/10:18 | 10/18:01 | 06/06:15 |  |  |  |



$$
\text { Primary: . } 145
$$

Secondary:
Unit: Parts per million
Maximum Values

| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6th Max | 7th Max | 8th Max | 9 th Max | 10 th Max | Obs | Exc | ID |
| .011 | .007 | .005 | .004 | .004 | 365 | 0 | 0 |
| $04 / 04: 23$ | $04 / 03: 23$ | $04 / 05: 23$ | $01 / 29: 23$ | $02 / 03: 23$ |  |  |  |
| .004 | .004 | .004 | .004 | .003 |  |  |  |
| $02 / 07: 23$ | $02 / 09: 23$ | $04 / 01: 23$ | $11 / 09: 23$ | $01 / 08: 23$ |  |  |  |



Sulfur dioxide (42401)



$$
\text { Primary: . } 145
$$

Secondary:
Unit: Parts per million

| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| . 069 | . 067 | . 009 | . 007 | . 006 | 340 | 0 | 0 |
| 07/26:23 | 07/25:23 | 03/24:23 | 06/22:23 | 07/05:23 |  |  |  |
| . 006 | . 005 | . 005 | . 005 | . 005 |  |  |  |
| 09/03:23 | 01/18:23 | 01/19:23 | 01/29:23 | 02/20:23 |  |  |  |

Page 7 of 30


Sulfur dioxide (42401)

|  |  | Primary: |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Unit: Parts per million |  |  |  |  |
|  |  | Maximum Values |  |  |  |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5 th Max | Num | Num | EDT |
| 6 th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| . 047 | . 019 | . 019 | . 016 | . 016 | 2717 | 0 | 0 |
| 04/04:08 | 04/04:11 | 04/05:08 | 01/29:11 | 04/03:11 |  |  |  |
| . 016 | . 013 | . 011 | . 011 | . 010 |  |  |  |
| 04/04:14 | 04/03:05 | 04/03:08 | 10/24:11 | 02/06:14 |  |  |  |
| Sulfur | ide (4240 |  |  |  |  |  |  |



Primary:
Secondary: . 55
Unit: Parts per million
Maximum Values

| 1st Max | 2nd Max | 3rd Max | 4th Max | 5 th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6th Max | 7 th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| . 024 | . 022 | . 021 | . 017 | . 015 | 2825 | 0 | 0 |
| 10/18:02 | 06/07:02 | 06/06:17 | 10/17:23 | 04/16:14 |  |  |  |
| . 015 | . 015 | . 014 | . 013 | . 012 |  |  |  |
| 04/18:20 | 07/04:23 | 06/05:23 | 05/13:17 | 01/30:17 |  |  |  |


| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 3-HR BLK |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-2004 | 1 | Salt Lake | 100 |  |
|  |  | Not in a city |  |  |
| State: | Utah |  |  |  |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-005-0004 | 1 | Cache | 099 |  |
|  |  | Logan |  |  |
| State: | Utah |  |  |  |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-011-0004 | 1 | Davis | 074 |  |
|  |  | Bountiful |  |  |

Sulfur dioxide (42401)



Primary:
Secondary:
Unit: Parts per million

| 1st Max | 2nd Max | 3rd Max | 4 th Max | 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6th Max | 7 th Max | 8th Max | 9 th Max | 10 th Max | Obs | Exc | ID |
| .103 | .093 | .084 | .082 | .081 | 8474 |  |  |
| $01 / 26: 11$ | $01 / 26: 12$ | $01 / 26: 10$ | $01 / 29: 19$ | $01 / 26: 09$ |  |  |  |
| .080 | .078 | .077 | .077 | .077 |  |  |  |
| $01 / 30: 09$ | $01 / 29: 18$ | $01 / 25: 17$ | $01 / 29: 17$ | $01 / 30: 18$ |  |  |  |

Page 9 of 30

| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-0003 | 1 | Salt Lake | 074 |  |
|  |  | Not in a city |  |  |
| State: | Utah |  |  |  |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-3006 | 1 | Salt Lake | 074 |  |
|  |  | Salt Lake City |  |  |
| State: | Utah |  |  |  |
| Duration: | 1 HOUR |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-049-0002 | 1 | Utah | 074 |  |
|  |  | Provo |  |  |

Nitrogen dioxide (42602)



## Primary:

Secondary
Unit: Parts per million

| 1st Max | 2nd Max | 3rd Max | 4 th Max | 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6th Max | 7th Max | 8th Max | 9th Max | 10 th Max | Obs | Exc | ID |
| .070 | .067 | .066 | .066 | .065 | 8416 | 0 |  |
| $01 / 17: 07$ | $01 / 19: 05$ | $01 / 25: 09$ | $01 / 26: 09$ | $01 / 17: 06$ |  |  |  |
| .065 | .065 | .065 | .064 | .064 |  |  |  |
| $01 / 18: 08$ | $01 / 19: 06$ | $06 / 05: 09$ | $01 / 18: 07$ | $01 / 18: 09$ |  |  |  |


| State: | Utah |
| :--- | :--- |
| Duration: | 1 HOUR |
| Year: | 2007 |


| Site ID | POC | County Name <br> City Name | Methods |
| :---: | :---: | :---: | :---: |
| $49-057-0002$ | 1 | Weber | 074 |


| State: | Utah |
| :--- | :--- |
| Duration: | 1 HOUR |
| Year: | 2007 |

Year: 2007

| Site ID | POC |
| :---: | :---: |
| $49-003-0003$ | 1 |


| State: | Utah |
| :--- | :--- |
| Duration: | 1 HOUR |
| Year: | 2007 |


| Site ID | POC | County Name <br> City Name <br> Cache | Methods |
| :---: | :---: | :---: | :---: |
| 49-005-0004 | 1 | Logan |  |

Nitrogen dioxide (42602)

|  |  | Primary: |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Secondary: |  |  |  |  |  |
|  |  |  |  | Unit: Pa | per m | ion |  |
|  |  | Maximum Values |  |  |  |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| 6 th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| . 079 | . 077 | . 074 | . 074 | . 073 | 8609 |  | 0 |
| 01/25:09 | 02/05:07 | 01/25:06 | 01/26:09 | 01/29:18 |  |  |  |
| . 071 | . 071 | . 070 | . 070 | . 070 |  |  |  |
| 01/29:21 | 01/30:18 | 01/25:08 | 01/26:18 | 01/29:19 |  |  |  |
|  | (44201) |  |  |  |  |  |  |



$$
\begin{array}{rr}
\text { Primary: } & .125 \\
\text { Secondary: } & .125
\end{array}
$$

Unit: Parts per million
Maximum Values

| 1st Max | 2nd Max | 3rd Max | 4 th Max | 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 th Max | 7 th Max | 8th Max | 9 th Max | 10 th Max | Obs | Exc | ID |
| .092 | .089 | .085 | .084 | .081 | 7366 | 0 | 2 |
| $06 / 28: 14$ | $06 / 29: 15$ | $07 / 23: 16$ | $07 / 10: 13$ | $05 / 11: 15$ |  |  |  |
| .081 | .080 | .080 | .079 | .079 |  |  |  |
| $06 / 16: 13$ | $07 / 02: 15$ | $07 / 07: 13$ | $06 / 20: 15$ | $07 / 20: 14$ |  |  |  |







Ozone (44201)





Ozone (44201)





Ozone (44201)





Ozone (44201)





| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: <br> Year: | 24 HOURS |  |  |  |
|  | 2007 |  |  |  |
| County Name |  |  |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-011-0004 | 5 | Davis | 098 |  |
|  |  | Bountiful |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-0003 | 1 | Salt Lake | 126 |  |
|  |  | Not in a city |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| County Name |  |  |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-035-0012 | 2 | Salt Lake | 098 | 127 |
|  |  | Salt Lake City |  |  |

PM10 Total 0-10um STP (81102)

|  |  | Primary: 155 <br> Secondary: 155 <br> Unit: Micrograms/cubic meter <br> Maximum Values $\left(\begin{array}{ll}25\end{array}\right)$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5 th Max | Num | Num | EDT |
| 6th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 103 | 82 | 74 | 61 | 59 | 57 | 0 | 0 |
| 01/30:00 | 07/11:00 | 01/24:00 | 09/15:00 | 07/23:00 |  |  |  |
| 57 | 51 | 49 | 46 | 46 |  |  |  |
| 11/08:00 | 07/17:00 | 01/18:00 | 03/07:00 | 08/04:00 |  |  |  |

PM10 Total 0-10um STP (81102)


PM10 Total 0-10um STP (81102)



PM10 Total 0-10um STP (81102)



PM10 Total 0-10um STP (81102)



PM10 Total 0-10um STP (81102)

|  |  | Maximum Values |  |  | $\begin{aligned} & 155 \\ & 155 \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  |  | Unit: Mi | rams | ic me |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| 6 th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 125 | 112 | 110 | 110 | 98 | 337 | 0 | 0 |
| 07/11:00 | 01/30:00 | 01/26:00 | 01/29:00 | 01/27:00 |  |  |  |
| 97 | 94 | 93 | 92 | 90 |  |  |  |
| 01/25:00 | 10/11:00 | 08/20:00 | 01/18:00 | 01/20:00 |  |  |  |

$$
\text { Primary: } 155
$$

$$
\text { Secondary: } 155
$$

Unit: Micrograms/cubic meter ( 25 C )

| 1st Max | 2nd Max | 3rd Max | 4 th Max | 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6th Max | 7th Max | 8th Max | 9 th Max | 10 th Max | Obs | Exc | ID |
| 134 | 118 | 117 | 98 | 91 | 348 | 0 | 0 |
| $07 / 04: 00$ | $01 / 26: 00$ | $01 / 30: 00$ | $01 / 29: 00$ | $01 / 27: 00$ |  |  |  |
| 89 | 84 | 75 | 74 | 73 |  |  |  |
| $01 / 25: 00$ | $08 / 20: 00$ | $02 / 07: 00$ | $01 / 24: 00$ | $10 / 11: 00$ |  |  |  |

PM2.5 - Local Conditions (88101)


| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-005-0004 | 1 | Cache | 145 |  |
|  |  | Logan |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-005-0004 | 2 | Cache | 145 |  |
|  |  | Logan |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-011-0004 | 1 | Davis | 143 |  |
|  |  | Bountiful |  |  |

PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)

Primary: 35
Secondary: 35
Unit: Micrograms/cubic meter (LC)

| 1st Max | 2nd Max | 3rd Max | 4 th Max | 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 th Max | 7th Max | 8th Max | 9 th Max | 10 th Max | Obs | Exc | ID |
| 68.3 | 65.5 | 45.1 | 34.1 | 31.7 | 117 | 3 | 2 |
| $01 / 30: 00$ | $01 / 27: 00$ | $01 / 24: 00$ | $12 / 05: 00$ | $07 / 08: 00$ |  |  |  |
| 31.5 | 31.2 | 29.7 | 29.6 | 27.7 |  |  |  |
| $12 / 17: 00$ | $01 / 03: 00$ | $07 / 11: 00$ | $01 / 18: 00$ | $01 / 15: 00$ |  |  |  |

M2.5 - Local Conditions (88101)

| State: | Utah |
| :--- | :--- |
| Duration: | 24 HOURS |
| Year: | 2007 |


| Primary: | 35 |
| ---: | :--- |
| Secondary: | 35 |
| Unit: | Micrograms/cubic meter |
|  | $($ LC $)$ |


| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-0003 | 1 | Salt Lake | 145 |  |
|  |  | Not in a city |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-035-0012 | 1 | Salt Lake | 145 |  |
|  |  | Salt Lake City |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-035-1001 | 1 | Salt Lake | 145 |  |
|  |  | Magna |  |  |

PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)


| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-3006 | 1 | Salt Lake | 145 |  |
|  |  | Salt Lake City |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-3007 | 1 | Salt Lake | 143 |  |
|  |  | West Valley |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-035-3007 | 2 | Salt Lake | 143 |  |
|  |  | West Valley |  |  |

PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)

|  |  | $\begin{array}{rr} \text { Primary: } & 35 \\ \text { Secondary: } & 35 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  | Maximum Values |  | Unit: | Micrograms/cubic meter (LC) |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5 th Max | Num | Num | EDT |
| 6th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 80.6 | 78.8 | 50.5 | 49.4 | 40.4 | 118 | 6 | 2 |
| 01/27:00 | 01/30:00 | 07/05:00 | 01/18:00 | 12/17:00 |  |  |  |
| 35.9 | 33.3 | 33.0 | 32.4 | 32.0 |  |  |  |
| 01/03:00 | 11/08:00 | 12/05:00 | 10/27:00 | 01/15:00 |  |  |  |
| Maximum Values |  |  |  |  |  |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5 th Max | Num | Num | EDT |
| 6th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 79.0 | 49.5 | 49.1 | 33.4 | 32.3 | 58 | 3 | 0 |
| 01/30:00 | 01/18:00 | 07/05:00 | 11/08:00 | 10/27:00 |  |  |  |
| 25.7 | 22.4 | 19.3 | 18.5 | 18.5 |  |  |  |
| 02/05:00 | 07/11:00 | 11/26:00 | 08/04:00 | 11/02:00 |  |  |  |

PM2.5 - Local Conditions (88101)

```
Primary: 35
Secondary: 35
    Unit: Micrograms/cubic meter
    (LC)
```

| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-035-3008 | 1 | Salt Lake | 145 |  |
|  |  | Not in a city |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-035-3010 | 1 | Salt Lake | 145 |  |
|  |  | Salt Lake City |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-045-0003 | 1 | Tooele | 143 |  |
|  |  | Tooele |  |  |

PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)

|  |  | Maximum Values |  |  | $\begin{aligned} & 35 \\ & 35 \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  |  | Unit: Mi | rams | ic me |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| 6th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 78.2 | 38.8 | 36.6 | 36.0 | 35.2 | 255 | 5 | 2 |
| 07/04:00 | 12/05:00 | 12/17:00 | 12/06:00 | 10/28:00 |  |  |  |
| 33.8 | 30.3 | 30.3 | 29.9 | 29.4 |  |  |  |
| 07/05:00 | 11/08:00 | 11/16:00 | 10/27:00 | 10/25:00 |  |  |  |



| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-049-0002 | 1 | Utah | 143 |  |
|  |  | Provo |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-049-4001 | 1 | Utah | 145 |  |
|  |  | Lindon |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-049-4001 | 2 | Utah | 145 |  |
|  |  | Lindon |  |  |

PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)

| Primary: | 35 |
| ---: | :--- |
| Secondary: | 35 |
| Unit: | Micrograms/cubic meter |
|  | $($ LC $)$ |


| State: | Utah |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
| Site ID | POC | County Name City Name |  | Methods |
| 49-049-5008 | 1 | Utah | 145 |  |
|  |  | Not in a city |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-049-5010 | 1 | Utah | 145 |  |
|  |  | Spanish Fork |  |  |
| State: | Utah |  |  |  |
| Duration: | 24 HOURS |  |  |  |
| Year: | 2007 |  |  |  |
|  |  | County Name |  |  |
| Site ID | POC | City Name |  | Methods |
| 49-057-0002 | 1 | Weber | 145 |  |
|  |  | Ogden |  |  |

PM2.5 - Local Conditions (88101)


PM2.5 - Local Conditions (88101)

|  |  | Primary: Secondary: |  |  | $\begin{aligned} & 35 \\ & 35 \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  | Maximum Values |  | Unit: | Micrograms/cubic meter (LC) |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5th Max | Num | Num | EDT |
| 6th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 71.2 | 57.6 | 55.0 | 46.2 | 45.7 | 116 | 6 | 2 |
| 01/27:00 | 01/30:00 | 01/18:00 | 07/11:00 | 01/24:00 |  |  |  |
| 41.5 | 29.6 | 27.9 | 25.8 | 24.8 |  |  |  |
| 01/21:00 | 01/03:00 | 01/15:00 | 07/08:00 | 02/05:00 |  |  |  |

PM2.5 - Local Conditions (88101)

|  |  | Primary: 35 <br> Secondary: 35 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  | Maximum Values |  | Unit: | Micrograms/cubic meter (LC) |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5 th Max | Num | Num | EDT |
| 6 th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 76.8 | 62.2 | 50.4 | 35.0 | 31.7 | 121 | 4 | 2 |
| 01/30:00 | 01/27:00 | 01/24:00 | 01/03:00 | 01/18:00 |  |  |  |
| 29.6 | 28.9 | 27.7 | 27.5 | 26.4 |  |  |  |
| 12/17:00 | 01/09:00 | 07/08:00 | 01/21:00 | 07/11:00 |  |  |  |



PM2.5 - Local Conditions (88101)

|  |  | $\begin{array}{rr} \text { Primary: } & 35 \\ \text { Secondary: } & 35 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  | Maximum Values |  | Unit: | Micrograms/cubic meter (LC) |  |  |
| 1st Max | 2nd Max | 3rd Max | 4th Max | 5 th Max | Num | Num | EDT |
| 6 th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 73.2 | 56.4 | 44.2 | 29.6 | 26.7 | 118 | 3 | 2 |
| 01/30:00 | 01/27:00 | 01/24:00 | 07/11:00 | 01/03:00 |  |  |  |
| 26.2 | 25.3 | 23.3 | 22.9 | 21.6 |  |  |  |
| 01/18:00 | 07/08:00 | 12/17:00 | 12/05:00 | 01/15:00 |  |  |  |
| Maximum Values |  |  |  |  |  |  |  |
| 1st Max | 2nd Max | 3rd Max | 4 th Max | 5th Max | Num | Num | EDT |
| 6 th Max | 7th Max | 8th Max | 9th Max | 10th Max | Obs | Exc | ID |
| 74.7 | 44.2 | 26.4 | 25.7 | 17.7 | 54 | 2 | 0 |
| 01/30:00 | 01/24:00 | 07/11:00 | 01/18:00 | 08/04:00 |  |  |  |
| 15.4 | 15.4 | 14.0 | 13.8 | 13.5 |  |  |  |
| 02/05:00 | 12/14:00 | 07/23:00 | 09/09:00 | 03/07:00 |  |  |  |

PM2.5 - Local Conditions (88101)

## Maximum Values

| 1st Max | 2nd Max |
| :---: | :---: |
| 6th Max | 7 th Max |
| 72.4 | 56.6 |
| $01 / 30: 00$ | $01 / 27: 00$ |
| 26.5 | 26.2 |
| $07 / 08: 00$ | $01 / 09: 00$ |


| 3rd Max | 4 th Max |
| :---: | :---: |
| 8th Max | 9 th Max |
| 45.2 | 31.5 |
| $01 / 24: 00$ | $01 / 03: 00$ |
| 26.2 | 26.0 |
| $01 / 21: 00$ | $12 / 17: 00$ |

Primary: 35
Secondary: 35
Unit: Micrograms/cubic meter (LC)

| 5th Max | Num | Num | EDT |
| :---: | :---: | :---: | :---: |
| 10th Max | Obs | Exc | ID |
| 30.2 | 119 | 3 | 2 |

01/18:00
24.6

12/05:00

