

UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter
2008 October

| Date | BR | BV | CW | HE | HG | HV | HW | RP | L4 | X4 | LN | LX | MG | N2 | NP | O2 | SF | SW | T3 | RX | WX | WV | VX | VL |
|-------|------|------|------|----|-----|------|------|------|------|-----|------|------|-----|----|------|------|-----|----|-----|------|----|----|----|----|
| 10/01 | | | 11.5 | | | | 11.3 | 10.7 | 8.6 | | 9.7 | | | | 8.5 | 8.2 | | | | | | | | |
| 10/02 | | | 12.4 | | | | 12.4 | 11.7 | 8.5 | | 10.2 | | | | 10.8 | 9.3 | | | | | | | | |
| 10/03 | 6.2 | 7.7 | 11.1 | | 8.9 | 8.0 | 11.0 | 8.8 | 8.2 | 8.0 | 11.2 | 10.1 | 6.9 | | 10.1 | 8.2 | | | | 8.1 | | | | |
| 10/04 | | | 4.0 | | | | 6.9 | 4.5 | 3.3 | | 2.9 | | | | 3.0 | 3.7 | 4.4 | | | | | | | |
| 10/05 | | | 3.3 | | | | 2.5 | 4.0 | 2.5 | | 2.3 | | | | 2.5 | 4.1 | | | | | | | | |
| 10/06 | 4.0 | 3.5 | 4.7 | | 4.4 | | 4.0 | | 4.6 | | 5.7 | | 4.3 | | 5.2 | 4.4 | 2.0 | | | | | | | |
| 10/07 | | | 5.8 | | | | 6.3 | | 4.9 | | 4.5 | | | | 4.5 | 5.8 | | | | | | | | |
| 10/08 | | | 8.4 | | | | 8.4 | 5.8 | 4.4 | | 5.6 | | | | 6.1 | 6.5 | | | | | | | | |
| 10/09 | 4.0 | 7.5 | 8.6 | | | 5.0 | 9.0 | 8.3 | 4.8 | 4.8 | | 6.4 | 4.6 | | 5.1 | 5.7 | 5.5 | | 4.2 | 9.1 | | | | |
| 10/10 | | | 6.2 | | | | 6.6 | 4.2 | 6.2 | | | | | | 5.5 | 4.9 | | | | | | | | |
| 10/11 | | | 5.2 | | | | 5.5 | 5.8 | 3.0 | | | | | | 6.5 | 3.4 | | | | | | | | |
| 10/12 | 1.8 | 4.3 | 4.7 | | 4.8 | 3.2 | 3.9 | 4.4 | 1.8 | | 4.4 | | 2.4 | | 3.3 | 3.8 | 3.9 | | 2.2 | | | | | |
| 10/13 | | | 7.7 | | | | 7.0 | 5.0 | 4.7 | | 8.3 | | | | 10.0 | 6.9 | | | | | | | | |
| 10/14 | | | 10.0 | | | | 8.6 | 9.5 | 6.8 | | 12.8 | | | | 11.0 | 10.0 | | | | | | | | |
| 10/15 | 7.5 | 6.8 | 9.0 | | 5.4 | 8.1 | 8.3 | 12.3 | 6.7 | 7.5 | 6.5 | 6.0 | 9.5 | | | 9.8 | 3.6 | | 6.0 | 16.5 | | | | |
| 10/16 | | | 10.1 | | | | 8.8 | 12.5 | 7.1 | | 5.5 | | | | | 9.4 | | | | | | | | |
| 10/17 | | | 9.5 | | | | 11.0 | 10.0 | 7.2 | | 7.8 | | | | | 8.0 | | | | | | | | |
| 10/18 | 4.6 | 4.7 | 6.7 | | 4.6 | 4.9 | 7.6 | 6.1 | 5.4 | | 5.2 | | 5.9 | | 5.3 | 6.8 | 4.8 | | 4.8 | | | | | |
| 10/19 | | | 7.6 | | | | 8.4 | 8.7 | 6.0 | | 3.1 | | | | 4.1 | 7.2 | | | | | | | | |
| 10/20 | | | 5.8 | | | | 7.2 | 5.0 | 5.6 | | 4.3 | | | | 4.9 | 5.4 | | | | | | | | |
| 10/21 | 3.9 | 4.5 | 5.7 | | 4.8 | 4.5 | 5.8 | 4.7 | 4.1 | 4.6 | 4.7 | 4.7 | 3.9 | | 5.2 | 4.7 | 5.4 | | 4.2 | 4.7 | | | | |
| 10/22 | | | 7.0 | | | | 7.5 | 5.2 | 5.4 | | 6.1 | | | | 6.0 | 5.5 | | | | | | | | |
| 10/23 | | | 9.8 | | | | 11.3 | 10.3 | 8.0 | | 8.3 | | | | | 8.6 | | | | | | | | |
| 10/24 | 10.0 | 10.1 | 13.3 | | 9.2 | 11.3 | 12.3 | 15.5 | 10.8 | | 11.5 | | 9.9 | | 10.4 | 11.8 | 7.9 | | 6.5 | | | | | |
| 10/25 | | | 12.5 | | | | 12.3 | 12.8 | 11.2 | | 12.2 | | | | 10.2 | 10.7 | | | | | | | | |
| 10/26 | | | 12.5 | | | | 13.7 | 13.1 | 7.9 | | 9.3 | | | | 8.6 | 8.0 | | | | | | | | |
| 10/27 | 6.4 | 9.0 | 14.9 | | 6.4 | 8.9 | 16.2 | 15.2 | 9.2 | 9.0 | 9.4 | 10.0 | 8.4 | | 8.6 | 10.4 | 9.0 | | 7.5 | 15.2 | | | | |
| 10/28 | | | 16.5 | | | | 16.7 | 18.8 | | | 11.8 | | | | 7.8 | 9.7 | | | | | | | | |
| 10/29 | | | 11.7 | | | | 13.7 | 17.3 | 11.3 | | 7.9 | | | | 8.3 | 9.1 | | | | | | | | |
| 10/30 | 8.0 | 9.1 | 10.1 | | 5.4 | 9.3 | 14.1 | 11.1 | | | 6.0 | | 8.8 | | 7.3 | | 8.6 | | 7.2 | | | | | |
| 10/31 | | | 6.1 | | | | 9.0 | 6.2 | 11.4 | | 5.3 | | | | 7.6 | | | | | | | | | |

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|---------------|------|------|------|-----|-----|------|------|------|------|------|------|------|-----|--|------|------|-----|-----|-----|------|------|------|------|--|
| Arith Mean | 5.6 | 6.7 | 8.8 | | 6.0 | 7.0 | 9.3 | 9.2 | 6.5 | 6.8 | 7.2 | 7.4 | 6.5 | | 6.9 | 7.2 | 5.5 | | 5.3 | 10.7 | | | | |
| Max 24-hr Avg | 10.0 | 10.1 | 16.5 | | 9.2 | 11.3 | 16.7 | 18.8 | 11.4 | 9.0 | 12.8 | 10.1 | 9.9 | | 11.0 | 11.8 | 9.0 | | 7.5 | 16.5 | | | | |
| Std.Dev | 2.4 | 2.4 | 3.3 | | 1.8 | 2.7 | 3.5 | 4.3 | 2.7 | 2.0 | 3.0 | 2.5 | 2.6 | | 2.5 | 2.4 | 1.8 | 5.0 | | 5.0 | | | | |
| Days Data | 10 | 10 | 31 | | 9 | 9 | 31 | 29 | 29 | 5 | 28 | 5 | 10 | | 27 | 29 | 10 | | 8 | 5 | | | | |
| Yearly Mean | 8.7 | 10.9 | 10.8 | 7.7 | 8.4 | 9.2 | 11.1 | 11.9 | 10.8 | 10.6 | 11.0 | 10.0 | 8.1 | | 11.0 | 11.0 | 8.9 | | 6.9 | 9.1 | 10.0 | 12.3 | 12.6 | |