

UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter
2006 March

| Date | AG | BR | BV | CW | HE | HG | HV | HW | HY | L4 | X4 | LN | LX | MG | N2 | NP | O2 | SF | SW | T3 | WT | WX | VV | VX |
|-------|------|------|------|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|------|
| 03/01 | | | | | | | | 5.7 | | 10.6 | 10.0 | 6.2 | | | 9.6 | | | | | | | | | |
| 03/02 | | | | | | | | 4.9 | | 12.4 | 11.6 | 4.0 | | | 8.9 | | | | | | | | | |
| 03/03 | 13.8 | 11.8 | | 11.3 | 7.3 | 15.2 | 9.5 | 10.1 | 13.0 | 14.9 | 16.2 | 20.0 | | 16.1 | 9.6 | 16.2 | 11.1 | 19.6 | 6.5 | 10.6 | 8.3 | | 11.9 | |
| 03/04 | | | | | | | | 3.0 | | 1.1 | 1.0 | | | | 3.3 | | | | | | | | | |
| 03/05 | | | | | | | | 8.0 | | 3.8 | 4.5 | 4.0 | | | 5.7 | | | | | | | | | |
| 03/06 | 4.4 | 3.0 | | 4.1 | 2.9 | 4.7 | 4.1 | 4.0 | 2.7 | 6.4 | 6.4 | 4.0 | 4.7 | 5.7 | 4.2 | 5.1 | 6.4 | | | 3.0 | 4.3 | 4.5 | 3.8 | 3.3 |
| 03/07 | | | | | | | | 4.5 | | 1.4 | 3.6 | 4.9 | | | 6.3 | | | | 4.7 | | | | | |
| 03/08 | | | | | | | | 3.4 | | 2.7 | 3.8 | 9.0 | | | 6.4 | | | | | | | | | |
| 03/09 | 1.8 | 2.0 | 2.1 | 2.9 | 0.2 | 1.6 | 3.0 | 2.7 | 4.8 | 2.2 | 2.3 | 2.1 | | 1.0 | 3.9 | 2.5 | 3.0 | | 4.6 | 1.6 | 2.2 | | 2.8 | |
| 03/10 | | | | | | | | 5.3 | | 3.6 | 4.9 | 5.8 | | | 8.3 | | | | | | | | | |
| 03/11 | | | | | | | | 6.4 | | 4.5 | 5.2 | 5.6 | | | 7.3 | | | | | | | | | |
| 03/12 | 9.9 | 7.8 | 8.9 | 14.9 | 7.4 | 8.7 | 7.6 | 11.8 | 6.8 | 5.8 | 7.0 | 9.6 | 11.4 | 8.0 | 10.1 | 8.4 | 7.0 | | | 5.7 | 7.8 | 7.6 | 10.4 | 10.1 |
| 03/13 | | | | | | | | 5.2 | | 4.1 | 4.5 | 4.5 | | | 7.0 | | | | | | | | | |
| 03/14 | | | | | | | | 3.0 | | 5.8 | 3.2 | 5.9 | | | 5.2 | | | | | | | | | |
| 03/15 | 1.4 | 1.6 | 1.3 | | 3.8 | 2.5 | 1.5 | 2.7 | 1.1 | 2.9 | 2.7 | 4.0 | | 2.6 | 4.1 | 3.1 | 3.3 | 2.8 | | 2.6 | 2.1 | | 3.7 | |
| 03/16 | | | | | | | | 5.4 | | 3.7 | 4.6 | 4.7 | | | 11.9 | | | | 5.9 | | | | | |
| 03/17 | | | | | | | | 5.7 | | 6.1 | 6.1 | 5.5 | | | 6.7 | | | | | | | | | |
| 03/18 | 4.2 | 6.4 | 8.2 | 8.4 | 7.2 | 5.0 | 7.3 | 7.7 | 5.7 | 7.7 | 8.7 | 6.1 | 7.0 | 8.2 | | 7.1 | 9.5 | 5.5 | | 7.0 | 9.2 | 9.5 | 7.2 | 7.9 |
| 03/19 | | | | | | | | 5.9 | | 1.0 | 4.7 | 2.1 | | | 5.6 | | | | 1.9 | | | | | |
| 03/20 | | | | | | | | 5.1 | | 4.8 | 4.9 | 1.1 | | | 7.8 | | | | | | | | | |
| 03/21 | 5.0 | 4.1 | 3.8 | 3.6 | 3.4 | 3.1 | 3.0 | 3.7 | 6.0 | 6.2 | 5.7 | 4.4 | | 0.3 | | 4.4 | 7.0 | 3.7 | 3.5 | 1.2 | 6.2 | | 2.9 | |
| 03/22 | | | | | | | | 6.5 | | 4.4 | 8.6 | 9.1 | | | 8.7 | | | | | | | | | |
| 03/23 | | | | | | | | 7.7 | | 4.6 | 3.5 | 7.1 | | | 14.1 | | | | | | | | | |
| 03/24 | 6.5 | 7.2 | 10.0 | 8.7 | 5.6 | 5.9 | 6.6 | 8.5 | 5.8 | 7.4 | 7.1 | 8.3 | 10.5 | | 12.3 | 7.5 | 10.1 | 6.9 | 8.4 | | 6.8 | 7.3 | 9.7 | 9.5 |
| 03/25 | | | | | | | | 5.8 | | 6.2 | 7.0 | 4.5 | | | | | | | | | | | | |
| 03/26 | | | | | | | | 1.8 | | 1.2 | 0.2 | 1.9 | | | 2.0 | | | | | | | | | |
| 03/27 | | 3.2 | | 5.4 | 4.1 | 3.5 | 4.0 | 4.2 | 2.2 | 3.7 | | 7.2 | | 5.4 | 10.3 | 6.2 | 4.7 | 3.8 | | 4.7 | 2.9 | | 5.4 | |
| 03/28 | | | 5.0 | | | | | 4.0 | | 4.2 | | 3.6 | | | 5.8 | | | | | | | | | |
| 03/29 | | | | | | | | 1.9 | | | 1.3 | 1.7 | | | 3.2 | | | | | | | | | |
| 03/30 | 2.0 | | 2.7 | 4.4 | | 2.7 | 2.7 | 4.3 | 6.3 | | | 3.4 | 3.9 | 2.9 | 4.5 | 3.3 | 3.2 | 2.0 | 3.9 | 2.0 | 4.0 | 4.3 | 5.3 | 5.5 |
| 03/31 | | | | | | | | 4.4 | | 4.3 | 3.6 | 4.6 | | | 5.4 | | | | | | | | | |

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|---------------|------|------|------|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|------|
| Arith Mean | 5.4 | 5.2 | 5.3 | 7.1 | 4.7 | 5.3 | 4.9 | 5.3 | 5.4 | 5.1 | 5.5 | 5.5 | 7.5 | 5.6 | 7.1 | 6.4 | 6.5 | 6.3 | 4.9 | 4.3 | 5.4 | 6.6 | 6.3 | 7.3 |
| Max 24-hr Avg | 13.8 | 11.8 | 10.0 | 14.9 | 7.4 | 15.2 | 9.5 | 11.8 | 13.0 | 14.9 | 16.2 | 20.0 | 11.4 | 16.1 | 14.1 | 16.2 | 11.1 | 19.6 | 8.4 | 10.6 | 9.2 | 9.5 | 11.9 | 10.1 |
| Std.Dev | 4.1 | 3.4 | 3.3 | 4.1 | 2.4 | 4.0 | 2.6 | 2.3 | 3.3 | 3.2 | 3.4 | 3.5 | 3.4 | 4.9 | 3.0 | 4.0 | 3.0 | 3.1 | 2.6 | 2.0 | 2.6 | 2.2 | 3.3 | 2.8 |
| Days Data | 9 | 9 | 8 | 9 | 9 | 10 | 10 | 31 | 10 | 29 | 28 | 30 | 5 | 9 | 28 | 10 | 10 | 7 | 8.0 | 9 | 10 | 5 | 10 | 5 |
| Yearly Mean | 8.3 | 7.9 | 10.5 | 12.0 | 7.4 | 8.5 | 9.4 | 12.5 | 7.7 | 10.4 | 10.0 | 11.5 | 10.6 | 9.9 | 14.7 | 10.0 | 10.9 | 7.9 | 9.5 | 8.5 | 9.0 | 8.7 | 13.1 | 12.0 |