

## UTAH STATE DIVISION OF AIR QUALITY

47mm Partisol: PM10 Concentration Adjusted to Sea Level (24-hr average) in Micrograms per Cubic Meter

2010 February

| Date  | Cottonwood | Hawthorn | Lindon | Logan 4 | Magna(W) | StGeorge2 | NProvo | NProvo-X | NSL | NSL-X | Ogden2 |
|-------|------------|----------|--------|---------|----------|-----------|--------|----------|-----|-------|--------|
| 02/01 | 17         | 18       | 22     | 17      | 14       |           | 14     | 14       | 50  | 47    | 23     |
| 02/02 |            | 38       | 30     |         |          |           |        |          | 64  |       | 34     |
| 02/03 |            | 45       | 28     |         |          |           |        |          | 63  |       | 40     |
| 02/04 | 41         | 48       | 50     | 56      | 40       |           | 29     |          | 64  |       | 53     |
| 02/05 |            | 35       | 21     |         |          |           |        |          | 43  |       | 32     |
| 02/06 |            | 38       | 18     |         |          |           |        |          | 36  |       | 27     |
| 02/07 | 27         | 21       | 26     | 18      | 26       |           | 22     |          | 24  |       | 14     |
| 02/08 |            | 26       | 19     |         |          |           |        |          | 28  |       | 22     |
| 02/09 |            | 31       | 19     |         |          |           |        |          | 50  |       | 40     |
| 02/10 | 44         | 47       | 28     | 56      | 35       |           |        |          | 52  |       | 46     |
| 02/11 |            | 38       | 29     |         |          |           |        |          | 41  |       | 31     |
| 02/12 |            | 23       | 19     |         |          |           |        |          | 26  |       | 19     |
| 02/13 | 12         | 17       | 14     | 17      | 12       |           | 10     | 10       | 14  | 12    | 17     |
| 02/14 |            | 24       | 16     |         |          |           |        |          | 18  |       | 19     |
| 02/15 |            | 25       | 18     |         |          |           |        |          | 27  |       | 21     |
| 02/16 | 28         | 34       | 26     | 33      | 26       |           | 24     |          | 32  |       | 28     |
| 02/17 |            | 45       | 42     |         |          |           |        |          | 46  |       | 36     |
| 02/18 |            | 27       | 29     |         |          |           |        |          | 30  |       | 31     |
| 02/19 | 24         | 28       | 17     | 24      | 18       |           | 13     |          | 31  |       | 25     |
| 02/20 |            | 21       | 21     |         |          |           |        |          | 16  |       | 18     |
| 02/21 |            | 12       | 17     |         |          |           |        |          | 19  |       | 17     |
| 02/22 | 18         | 19       | 26     | 28      | 16       |           | 21     |          | 34  |       | 23     |
| 02/23 |            | 33       | 28     |         |          |           |        |          | 44  |       | 31     |
| 02/24 |            | 20       | 13     |         |          |           |        |          | 37  |       | 26     |
| 02/25 | 11         | 14       | 15     | 28      | 11       |           | 12     | 12       | 28  | 26    | 18     |
| 02/26 |            | 18       | 26     |         |          |           |        |          | 25  |       | 21     |
| 02/27 |            | 11       | 15     |         |          |           |        |          | 16  |       | 20     |
| 02/28 | 11         | 18       | 19     | 31      | 10       |           | 14     |          | 18  |       | 20     |

|               |    |    |    |    |    |  |    |    |    |    |    |
|---------------|----|----|----|----|----|--|----|----|----|----|----|
| Arith Mean    | 23 | 28 | 23 | 31 | 21 |  | 18 | 12 | 35 | 28 | 27 |
| Max 24-hr Avg | 44 | 48 | 50 | 56 | 40 |  | 29 | 14 | 64 | 47 | 53 |
| Std. Dev      | 12 | 11 | 8  | 14 | 10 |  | 7  | 2  | 15 | 17 | 9  |
| Days of Data  | 10 | 28 | 28 | 10 | 10 |  | 9  | 3  | 28 | 3  | 28 |
| Days >150     |    |    |    |    |    |  |    |    |    |    |    |
| Yearly Avg    | 38 | 26 | 24 | 22 | 27 |  | 26 | 19 | 36 | 35 | 24 |