

## UTAH STATE DIVISION OF AIR QUALITY

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

2004 August

| Date          | Cottonwood | Hawthorn | Lindon | Logan 4 | Magna(W) | Moab | NProvo | NProvo-X | NSL | NSL-X | Ogden2 |
|---------------|------------|----------|--------|---------|----------|------|--------|----------|-----|-------|--------|
| 08/01         | 54         | 20       | 45     | 37      | 42       |      | 49     | 45       | 56  | 58    | 46     |
| 08/02         |            | 22       | 31     |         |          |      |        |          | 36  |       | 30     |
| 08/03         |            | 19       | 18     |         |          |      |        |          | 42  |       | 17     |
| 08/04         | 28         | 21       |        | 16      | 18       |      |        |          | 24  |       | 25     |
| 08/05         |            | 19       | 19     |         |          |      |        |          |     |       | 22     |
| 08/06         |            | 16       | 19     |         |          |      |        |          | 28  |       | 27     |
| 08/07         | 30         | 17       | 24     |         | 22       |      | 20     | 21       | 32  | 34    | 24     |
| 08/08         |            | 19       | 20     |         |          |      |        |          | 24  |       | 25     |
| 08/09         |            | 13       | 29     |         |          |      |        |          | 48  |       | 27     |
| 08/10         | 39         | 28       | 33     | 26      | 27       |      | 26     |          | 61  |       | 29     |
| 08/11         |            | 29       | 36     |         |          |      |        |          | 63  |       | 35     |
| 08/12         |            | 23       | 44     |         |          |      |        |          | 74  |       | 35     |
| 08/13         | 41         | 25       | 38     | 38      | 28       |      | 30     | 30       | 68  | 69    | 33     |
| 08/14         |            | 22       | 40     |         |          |      |        |          | 59  |       | 33     |
| 08/15         |            | 33       | 40     |         |          |      |        |          | 77  |       | 32     |
| 08/16         | 45         | 34       | 26     | 29      | 33       |      | 24     |          | 47  |       | 41     |
| 08/17         |            | 15       | 15     |         |          |      |        |          | 26  |       | 18     |
| 08/18         |            | 14       | 19     |         |          |      |        |          | 35  |       | 14     |
| 08/19         | 21         | 17       | 21     | 19      | 18       |      | 18     | 19       | 37  |       | 21     |
| 08/20         |            | 27       | 34     |         |          |      |        |          | 41  |       | 23     |
| 08/21         |            | 17       | 23     |         |          |      |        |          | 26  | 26    | 20     |
| 08/22         | 19         | 10       | 23     | 24      | 20       |      | 18     |          | 31  |       | 18     |
| 08/23         |            | 14       | 20     |         |          |      |        |          | 23  |       | 9      |
| 08/24         |            | 12       | 17     |         |          |      |        |          | 18  |       | 13     |
| 08/25         | 20         | 19       | 24     | 17      | 17       |      | 21     | 22       | 33  | 34    | 21     |
| 08/26         |            | 17       | 27     |         |          |      |        |          | 35  |       | 13     |
| 08/27         |            | 10       | 25     |         |          |      |        |          | 25  |       | 16     |
| 08/28         | 21         | 14       | 25     | 14      | 15       |      | 20     |          | 32  |       | 16     |
| 08/29         |            | 11       | 27     |         |          |      |        |          | 28  |       | 13     |
| 08/30         |            | 20       | 35     |         |          |      |        |          | 43  |       | 22     |
| 08/31         | 26         | 24       | 39     | 19      | 29       |      | 22     |          | 70  | 71    | 24     |
| Arith Mean    | 31         | 19       | 28     | 24      | 24       |      | 25     | 27       | 41  | 49    | 24     |
| Max 24-hr Avg | 54         | 34       | 45     | 38      | 42       |      | 49     | 45       | 77  | 71    | 46     |
| Std. Dev      | 12         | 6        | 9      | 9       | 8        |      | 9      | 11       | 17  | 20    | 9      |
| Days of Data  | 11         | 31       | 30     | 10      | 11       |      | 10     | 5        | 30  | 6     | 31     |
| Days >150     |            |          |        |         |          |      |        |          |     |       |        |
| Yearly Avg    | 27         | 23       | 25     | 26      | 21       |      | 20     | 21       | 37  | 43    | 23     |