

PM 2.5 24-hr. Standard 2006 - 2007

(98th percentile values by year and site, 24-hr. samples, in ug/m³)

Updated 3/17/08

Events excluded

| Site | 2004 | 2005 | 2006 | 2007 | 2004-2006 Avg.* (3-yr. block) | 2005-2007 Avg.* (3-yr. block) |
|---------------------------|-------|-------------------|------|----------|-------------------------------------|-------------------------------------|
| Brigham City | 52 | 25.9 | 28.5 | 33.6 | 35 | 29 |
| Logan #4 | 101.5 | 61.7 [^] | 29.2 | 35.2 | 64 | 42 |
| Bountiful (new) | 45.8 | 35.1 | 34.1 | 45.1 | 38 | 38 |
| Cottonwood | 65.7 | 42 | 39.2 | 58.4 | 49 | 47 |
| N. Salt Lake | 56.6 | 44.4 | 39.9 | 79.2 # | 47 | 55 |
| Herriman #2 | 48.2 | 27.3 | 22 | 23.1 | 33 | 24 |
| Hawthorne | 63.9 | 43.3 | 37.6 | 64.2 | 48 | 48 |
| West Valley | 60.5 | 39.5 | 38.5 | 49.4 | 46 | 42 |
| Magna | 55.1 | 36.7 | 29.3 | 30 | 40 | 32 |
| Tooele #3 ** | xx | 45.5 | 22.8 | 23.3 | N/A | 31 |
| N. Provo | 53.7 | 35.6 | 25.6 | 50.3 | 38 | 37 |
| Lindon | 63.9 | 36.7 | 32 | 64.9 | 44 | 45 |
| Highland | 50.1 | 33.7 | 23.9 | 51.5 | 36 | 36 |
| Spanish. Fork | 52.5 | 32.4 | 21.6 | 55 | 36 | 36 |
| Ogden #2 | 62.5 | 29.8 | 25.8 | 50.4 | 39 | 35 |
| Wash. Terrace | 54.9 | 25.9 | 23.5 | 44.2 | 35 | 31 |
| Harrisville | 56 | 28.3 | 28.6 | 45.2 | 38 | 34 |
| Rose Park | | | | 33.8 *** | N/A | N/A |
| <i>Avg. of all sites:</i> | 59 | 37 | 30 | 47 | 42 | 38 |

* Calculated from 98th percentile values obtained from EPA/AQS Quicklook reports.

** Tooele #3 starts July 6, 2005.

***Rose Park starts April 2007

North Salt Lake ends June 2007

† Calculations based on “excluded/included” exceptional event data.

[^] Logan 98th percentile for 2005 based on combined reference and collocated data; collocated data collected daily at this site.

[Current PM 2.5 standard: A violation occurs when the 3-yr. average of the 98th percentile value at a site (rounded to the nearest whole number) exceeds 65 ug/m³].

The 2006 Violation Point column lists the maximum allowable 98th percentile value to be calculated for 2006 (at a given site) that would avoid a violation of the standard for the 2004 – 2006 3-yr. block; only the Logan site appears to be likely to violate the 3-yr. standard for 2004 – 2006, based on data from past typical years.