

PM 2.5 24-hr. Standard 2008

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

Updated 3/10/2010

Events excluded

Site	2005	2006	2007	2008	2005-2007 Avg.* (3-yr. block)	2006-2008 Avg.* (3-yr. block)
Brigham City	25.9	28.5	33.6	42.7	29.3	34.9
Logan #4	61.7	29.2	35.2	42.8	42.0	35.7
Bountiful	35.1	34.1	45.1	25.8	38.1	35.0
Cottonwood	42	39.2	58.4	36.5	46.5	44.7
N. Salt Lake	44.4	39.9	79.2	#	54.5	N/A
Herriman #2	27.3	22	23.1	****	24.1	N/A
Hawthorne	43.3	37.6	64.2	35.7	48.4	45.8
West Valley	39.5	38.5	49.4	****	42.5	N/A
Magna	36.7	29.3	30	27.4	32.0	28.9
Tooele #3 **	45.5	22.8	23.3	19.4	30.5	21.8
N. Provo	35.6	25.6	50.3	34.1	37.2	36.7
Lindon	36.7	32	64.9	35.5	44.5	44.1
Highland	33.7	23.9	51.5	24.6	36.4	33.3
Spanish. Fork	32.4	21.6	55	26.2	36.3	34.3
Ogden #2	29.8	25.8	50.4	32.3	35.3	36.2
Wash. Terrace	25.9	23.5	44.2	****	31.2	N/A
Harrisville	28.3	28.6	45.2	29.8	34.0	34.5
Rose Park			33.8 ***	37.5	N/A	N/A
Avg. of all sites:	37	30	47	36	38	36

* 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.

**** Herriman, Washington Terrace, and West Valley stations were removed in April 30, 2008.

[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.