

# PM 2.5 24-hr. Standard 2009

(98<sup>th</sup> percentile values by year and site, 24-hr. samples, in ug/m<sup>3</sup>)

Updated March 10, 2010

Site	2006	2007	2008	2009	2006-2008 Avg.* (3-yr. block)	2007-2009 Avg.* (3-yr. block)
Brigham City	28.5	33.6	42.7	35.7	34.9	37.3
Logan #4	29.2	35.2	42.8	42.7	35.7	40.2
Bountiful	34.1	45.1	25.8	43.8	35.0	38.2
Cottonwood	39.2	58.4	36.5	49.7	44.7	48.2
N. Salt Lake	39.9	79.2	#	#	N/A	N/A
Herriman #2	22.0	23.1	****	****	N/A	N/A
Hawthorne	37.6	64.2	35.7	45.2	45.8	48.4
West Valley	38.5	49.4	****	****	N/A	N/A
Magna	29.3	30.0	27.4	35.1	28.9	30.8
Tooele #3	22.8	23.3	19.4	26.1	21.8	22.9
N. Provo	25.6	50.3	34.1	42.2	36.7	42.2
Lindon	32.0	64.9	35.5	49.3	44.1	49.9
Highland	23.9	51.5	24.6	34.3	33.3	36.8
Spanish. Fork	21.6	55.0	26.2	43.6	34.3	41.6
Ogden #2	25.8	50.4	32.3	39.1	36.2	40.6
Wash. Terrace	23.5	44.2	****	****	N/A	N/A
Harrisville	28.6	45.2	29.8	37.6	34.5	37.5
Rose Park ***	***	33.8	37.5	44.6	35.7	45.0
<i>Avg. of all sites:</i>	29.5	46.5	32.2	40.6	35.8	40.0

\* Calculated from 98<sup>th</sup> percentile values obtained from EPA/AQS Quicklook reports.

\*\*\*Rose Park starts April 2007

# North Salt Lake ends June 2007

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

[Pre Dec 16, 2006 PM 2.5 standard: A violation occurs when the 3-yr. average of the 98<sup>th</sup> percentile value at a site (rounded to the nearest whole number) exceeds 65 ug/m<sup>3</sup>].

[Post Dec 16, 2006 PM 2.5 standard: A violation occurs when the 3-yr. average of the 98<sup>th</sup> percentile value at a site (rounded to the nearest whole number) exceeds 35 ug/m<sup>3</sup>].