

Table PM-05A: PM 2.5 24-hr. Standard for 2002 - 2004 & 2003 - 2005  
 (98<sup>th</sup> percentile values by year and site, 24-hr. samples, in ug/m<sup>3</sup>,  
 based on data from EPA/AQS Quicklook reports)

Site	2002	2003	2004	2005	2002-2004 Avg. (3-yr. block)	2003-2005 Avg.** (3-yr. block)	2006 Violation Point (98 <sup>th</sup> %)
Brigham City	51.9	26.5	52.0	25.9	43	35	118.3
Logan #4	58.4	31.5	<b>101.5</b>	<b>61.7</b> ††	64	65	33.3
Bountiful (new)	XX	(40.4)	45.8	35.1	XX	40	115.3
Cottonwood	<b>65.3</b>	32.1	<b>65.7</b>	42.0	54	47	88.5
N. Salt Lake	55.6	45.9	56.6	44.4	53	49	95.2
Herriman #2	37.5	25.3	48.2	27.3	37	34	120.7
Hawthorne	55.9	32.8/33.5†	<b>63.9</b>	43.3	51/51†	47/47†	89.0
West Valley	57.7	44.9	60.5	39.5	54	48	96.2
Magna	xx	xx	55.1	36.7	xx	46**	104.4
Tooele #3 ***	xx	xx	xx	45.5	xx	Xx	xx
N. Provo	39.5	28.0	53.7	35.6	40	39	106.9
Lindon	43.3	29.2	63.9	36.7	45	43	95.6
Highland	30.3	22.5	50.1	33.7	34	35	112.4
Spanish. Fork	32.3	23.0	52.5	32.4	36	36	111.3
Ogden #2	58.3/59.8†	27.3	62.5	29.8	49/50†	40	104.1
Wash. Terrace	49.2	21.9	54.9	25.9	42	34	115.4
Harrisville	52.9	21.7	56.0	28.3	44	35	111.9
<b>Avg. of all sites:</b>	<b>50</b>	<b>28</b>	<b>59</b>	<b>37</b>	<b>46</b>	<b>42</b>	

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

\*\* Magna data based on 2 years of sampling.

\*\*\* Tooele #3 starts July 6, 2005.

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

†† Logan 98<sup>th</sup> 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 98<sup>th</sup> percentile value at a site (rounded to the nearest whole number) exceeds 65 ug/m<sup>3</sup>].

The 2006 *Violation Point* column lists the maximum allowable 98<sup>th</sup> 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.

(AK:m/historical/pmsum/tablepm-05a)