

Table PM-NEW: PM 2.5 24-hr. Standard for 2003 - 2005 & 2004 - 2006
 98th percentile values by year and site (24-hr. samples, in ug/m³)
 in relation to the new EPA 24-hr. Standard of 35 ug/m³

Site	2003	2004	2005	2006	2003-2005 Avg.* (3-yr. block)	2004-2006 Avg.* (3-yr. Block)	County represented:
Bountiful (new)	(40.4)	45.8	35.1	34.1	40	38	Davis
Brigham City	26.5	52.0	25.9	28.5	35	35	Box Elder
Cottonwood	32.1	65.7	42.0	39.2	47	49	Salt Lake
Harrisville	21.7	56.0	29.8	28.6	35	38	Weber
Hawthorne	32.8/33.5†	63.9	43.3	37.6	47/47†	48	Salt Lake
Herriman #2	25.3	48.2	27.3	22.0	34	33	Salt Lake
Highland	22.5	50.1	33.7	23.9	35	36	Utah
Lindon	29.2	63.9	36.7	32.0	43	44	Utah
Logan #4	31.5	101.5	61.7	29.4	65	64	Cache
Magna	xx	55.1	36.7	29.3	46**	40	Salt Lake
N. Provo	28.0	53.7	35.6	25.6	39	38	Utah
N. Salt Lake	45.9	56.6	44.4	39.9	49	47	Salt Lake
Ogden #2	27.3	62.5	31.0	25.8	40	40	Weber
Spanish. Fork	23.0	52.5	32.4	21.6	36	36	Utah
St. George	xx	16.9	18.0		17 (2 yrs.)		Washington
Tooele #3 ***	xx	xx	45.5	22.8	xx	34**	Tooele
Wash. Terrace	21.9	54.9	26.5	23.5	34	35	Weber
West Valley	44.9	60.5	39.5	38.5	48	46	Salt Lake
Avg. of all sites:	28	59	37	30	42	41	

* Calculated from 98th percentile values obtained from EPA/AQS Quicklook reports. ** Data based on 2 years of sampling.

*** Tooele #3 starts July 6, 2005. † = Calculations based on "excluded/included" exceptional event data.

Discussion: Almost all Wasatch Front monitoring sites would show a violation of the new PM 2.5 24-hr. standard (violation values are indicated in bold italic), including the counties of Salt Lake, Utah, Davis, Weber and Cache,

(:m/airs/airsifo/pm25/98-99%/tablepmnew06)