

REDUCED FREQUENCY DISTR REPORT

Jun. 7, 2006

Parameter: (88101) PM2.5 - Local Conditions
 State: (49) Utah

AQS Site ID	Year	POC	Duration	EDT	PCT/ NBR Obs	County						Percentiles	Max	2nd	Min	Arith Mean / STD	
49-003-0003						Box Elder											
2005	1		24 HOURS	0	94	10	25	50	75	90	95	98	99	1	2	1.0	7.81
			Micrograms/cubic meter (LC)		115	2.7	3.8	5.8	9.0	16.0	21.3	25.9	34.1	37.6	34.1		6.46
49-005-0004						Cache											
2005	1		24 HOURS	0	88	10	25	50	75	90	95	98	99	1	2	.8	12.31
			Micrograms/cubic meter (LC)		321	3.0	4.4	6.7	12.0	31.1	48.5	56.7	71.0	86.9	73.8		14.51
2005	2		24 HOURS	0	97	10	25	50	75	90	95	98	99	1	2	.3	11.49
			Micrograms/cubic meter (LC)		328	16.6	21.6	29.8	48.2	55.6	61.7	70.5	77.4	77.4	70.5		13.36
2005	3		1 HOUR	0	100	10	25	50	75	90	95	98	99	1	2	-9.2	14.06
			Micrograms/cubic meter (LC)		8723	2.1	4.3	8.1	15.0	37.3	54.2	68.3	80.8	107.8	105.9		16.89
	3		24-HR BLK AVG	0	100	10	25	50	75	90	95	98	99	1	2	-1.2	
			Micrograms/cubic meter (LC)		365	3.2	5.2	8.4	13.3	35.9	52.6	65.8	75.2	86.5	84.0		
49-005-0005						Cache											
2005	1		24 HOURS	0	94	10	25	50	75	90	95	98	99	1	2	.8	10.98
			Micrograms/cubic meter (LC)		115	2.7	3.7	6.0	10.0	27.5	46.1	61.7	67.6	69.5	67.6		13.84
49-005-0006						Cache											
2005	1		24 HOURS	0	91	10	25	50	75	90	95	98	99	1	2	.5	9.38
			Micrograms/cubic meter (LC)		111	2.4	3.5	5.3	9.4	23.1	39.4	47.8	49.4	69.9	49.4		11.54
49-011-0004						Davis											
2005	1		24 HOURS	0	88	10	25	50	75	90	95	98	99	1	2	1.4	9.89
			Micrograms/cubic meter (LC)		107	3.1	4.8	7.4	10.8	22.7	31.2	35.1	38.6	48.2	38.6		8.53
49-035-0003						Salt Lake											
2005	1		24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	1.8	11.12
			Micrograms/cubic meter (LC)		120	4.2	5.4	7.2	11.8	28.0	37.2	42.0	43.2	62.9	43.2		10.45

AN ASTERISK (*) WITH A ARITH MEAN VALUE INDICATES THE MEAN DID NOT MEET ANNUAL CRITERIA.

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49-035-0012						Salt Lake											
2005	1		24 HOURS	1	93	10	25	50	75	90	95	98	99	1	2	2.8	13.91
			Micrograms/cubic meter (LC)		339	5.1	7.4	10.8	15.7	28.9	39.7	44.4	47.6	62.7	53.3		10.45
	1		24 HOURS	2	93	10	25	50	75	90	95	98	99	1	2	2.8	13.98
			Micrograms/cubic meter (LC)		341	5.1	7.4	10.8	15.7	28.9	39.7	44.4	47.6	62.7	53.3		10.53
	1		24 HOURS	3	93	10	25	50	75	90	95	98	99	1	2	2.8	13.90
			Micrograms/cubic meter (LC)		340	5.1	7.4	10.8	15.7	28.9	39.7	44.4	47.6	62.7	53.3		10.43
	1		24 HOURS	4	93	10	25	50	75	90	95	98	99	1	2	2.8	13.99
			Micrograms/cubic meter (LC)		340	5.1	7.4	10.8	15.8	32.2	40.0	44.4	47.6	62.7	53.3		10.55
	1		24 HOURS	5	93	10	25	50	75	90	95	98	99	1	2	2.8	13.98
			Micrograms/cubic meter (LC)		341	5.1	7.4	10.8	15.7	28.9	39.7	44.4	47.6	62.7	53.3		10.53
	1		24 HOURS	6	93	10	25	50	75	90	95	98	99	1	2	2.8	13.98
			Micrograms/cubic meter (LC)		341	5.1	7.4	10.8	15.7	28.9	39.7	44.4	47.6	62.7	53.3		10.53
	1		24 HOURS	7	93	10	25	50	75	90	95	98	99	1	2	2.8	13.98
			Micrograms/cubic meter (LC)		341	5.1	7.4	10.8	15.7	28.9	39.7	44.4	47.6	62.7	53.3		10.53
49-035-1001						Salt Lake											
2005	1		24 HOURS	0	96	10	25	50	75	90	95	98	99	1	2	.9	9.31
			Micrograms/cubic meter (LC)		117	2.5	4.2	6.0	9.7	23.1	33.1	36.7	45.3	50.2	45.3		9.27
49-035-3006						Salt Lake											
2005	1		24 HOURS	0	97	10	25	50	75	90	95	98	99	1	2	1.0	10.93
			Micrograms/cubic meter (LC)		353	3.9	5.5	7.7	11.5	22.6	36.1	43.3	45.6	61.3	55.4		9.82
2005	3		1 HOUR	0	99	10	25	50	75	90	95	98	99	1	2	-7.0	11.07
			Micrograms/cubic meter (LC)		8696	2.1	4.0	7.0	12.4	26.9	40.1	48.9	55.7	114.2	102.7		12.32

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AQS Site ID	EDT	PCT/ NBR	County	Percentiles									Max	2nd	Min	Arith Mean / STD
Year	POC	Duration Unit	Obs	10	25	50	75	90	95	98	99	1	2			
	3	24-HR BLK AVG	0	99	10	25	50	75	90	95	98	99	1	2	-.4	
		Micrograms/cubic meter (LC)	362	3.3	4.9	7.3	11.7	27.6	39.0	45.0	47.4	63.1	60.4			
49-035-3007				Salt Lake												
2005	1	24 HOURS	0	92	10	25	50	75	90	95	98	99	1	2	2.0	12.02
		Micrograms/cubic meter (LC)	112	4.3	6.0	7.8	12.2	27.9	36.9	39.5	52.2	63.1	52.2		10.85	
49-035-3008				Salt Lake												
2005	1	24 HOURS	0	95	10	25	50	75	90	95	98	99	1	2	1.1	7.77
		Micrograms/cubic meter (LC)	116	2.3	3.9	5.6	9.9	16.9	21.3	27.3	32.7	39.7	32.7		6.61	
49-045-0003				Tooele												
2005	1	24 HOURS	0	92	10	25	50	75	90	95	98	99	1	2	1.6	9.04 *
		Micrograms/cubic meter (LC)	55	3.2	4.2	5.7	9.1	15.6	33.6	45.5	67.0	67.0	45.5		10.83	
49-049-0002				Utah												
2005	1	24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	2.0	9.74
		Micrograms/cubic meter (LC)	119	4.1	5.6	7.1	10.9	19.8	29.1	35.6	41.4	45.5	41.4		7.63	
49-049-4001				Utah												
2005	1	24 HOURS	1	94	10	25	50	75	90	95	98	99	1	2	1.0	9.79
		Micrograms/cubic meter (LC)	342	3.6	5.3	7.6	11.2	18.5	26.3	36.4	38.3	52.0	39.2		7.53	
	1	24 HOURS	2	94	10	25	50	75	90	95	98	99	1	2	1.0	9.94
		Micrograms/cubic meter (LC)	343	3.6	5.3	7.6	11.3	19.2	26.6	36.7	38.5	59.8	52.0		7.99	
	1	24 HOURS	3	94	10	25	50	75	90	95	98	99	1	2	1.0	9.79
		Micrograms/cubic meter (LC)	342	3.6	5.3	7.6	11.2	18.5	26.3	36.4	38.3	52.0	39.2		7.53	
	1	24 HOURS	4	94	10	25	50	75	90	95	98	99	1	2	1.0	9.94
		Micrograms/cubic meter (LC)	343	3.6	5.3	7.6	11.3	19.2	26.6	36.7	38.5	59.8	52.0		7.99	

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AQS Site ID	Year	POC	Duration	Unit	EDT	PCT/ NBR Obs	County						Percentiles	Max	2nd	Min	Arith Mean / STD	
		1	24 HOURS		5	94	10	25	50	75	90	95	98	99	1	2	1.0	9.94
			Micrograms/cubic meter	(LC)		343	3.6	5.3	7.6	11.3	19.2	26.6	36.7	38.5	59.8	52.0		7.99
		1	24 HOURS		6	94	10	25	50	75	90	95	98	99	1	2	1.0	9.94
			Micrograms/cubic meter	(LC)		343	3.6	5.3	7.6	11.3	19.2	26.6	36.7	38.5	59.8	52.0		7.99
		1	24 HOURS		7	94	10	25	50	75	90	95	98	99	1	2	1.0	9.94
			Micrograms/cubic meter	(LC)		343	3.6	5.3	7.6	11.3	19.2	26.6	36.7	38.5	59.8	52.0		7.99
49-049-5008							Utah											
	2005	1	24 HOURS		0	100	10	25	50	75	90	95	98	99	1	2	1.4	8.13
			Micrograms/cubic meter	(LC)		122	3.0	4.4	6.3	9.2	15.6	22.5	33.7	36.1	42.8	36.1		6.88
49-049-5010							Utah											
	2005	1	24 HOURS		0	95	10	25	50	75	90	95	98	99	1	2	1.3	7.99
			Micrograms/cubic meter	(LC)		116	2.9	4.3	5.9	8.7	14.5	21.2	32.4	43.0	43.7	43.0		6.93
49-057-0002							Weber											
	2005	1	24 HOURS		0	94	10	25	50	75	90	95	98	99	1	2	1.7	10.49
			Micrograms/cubic meter	(LC)		115	3.6	5.7	8.0	13.0	20.3	28.4	31.0	37.5	42.4	37.5		7.64
	2005	3	1 HOUR		0	32	10	25	50	75	90	95	98	99	1	2	-7.2	10.02 *
			Micrograms/cubic meter	(LC)		2762	1.6	3.9	7.3	13.0	23.1	30.5	38.0	42.8	59.4	56.3		9.33
		3	24-HR BLK AVG		0	61	10	25	50	75	90	95	98	99	1	2	-.6	*
			Micrograms/cubic meter	(LC)		113	2.8	4.6	7.5	12.7	23.4	26.8	30.5	32.3	40.0	32.3		
49-057-0007							Weber											
	2005	1	24 HOURS		0	95	10	25	50	75	90	95	98	99	1	2	1.4	8.81
			Micrograms/cubic meter	(LC)		116	3.2	4.7	6.9	11.1	16.0	25.6	26.5	30.8	34.3	30.8		6.34
49-057-1003							Weber											

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AQS Site ID	EDT	PCT/ NBR	County	Percentiles									Max	2nd	Min	Arith Mean / STD
Year	POC	Duration Unit	Obs	10	25	50	75	90	95	98	99	1	2			
2005	1	24 HOURS	0	97	10	25	50	75	90	95	98	99	1	2	.7	9.03
		Micrograms/cubic meter (LC)	118	3.1	4.2	6.2	11.2	20.1	26.1	29.8	36.7	37.9	36.7		7.43	

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