

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											
2003	1		24 HOURS	0	100	10	25	50	75	90	95	98	99	1	2	.9	7.09
			Micrograms/cubic meter (LC)		121	2.6	3.6	5.7	8.8	14.7	17.0	26.5	27.0	29.2	27.0		5.34
49-005-0004						Cache											
2003	1		24 HOURS	0	97	10	25	50	75	90	95	98	99	1	2	1.1	8.23
			Micrograms/cubic meter (LC)		353	3.1	4.4	6.4	8.8	15.4	24.9	31.5	35.4	44.9	37.5		6.78
49-011-0001						Davis											
2003	1		24 HOURS	0	97	10	25	50	75	90	95	98	99	1	2	1.1	7.66 *
			Micrograms/cubic meter (LC)		56	2.5	3.8	5.0	9.8	15.9	23.2	24.7	44.8	44.8	24.7		7.16
49-011-0004						Davis											
2003	1		24 HOURS	0	95	10	25	50	75	90	95	98	99	1	2	2.0	9.84 *
			Micrograms/cubic meter (LC)		55	4.0	4.7	7.1	10.6	21.0	24.3	40.4	46.9	46.9	40.4		8.54
49-035-0003						Salt Lake											
2003	1		24 HOURS	0	99	10	25	50	75	90	95	98	99	1	2	2.1	10.44
			Micrograms/cubic meter (LC)		120	4.1	5.4	7.6	11.5	23.1	27.7	32.1	50.1	56.7	50.1		8.76
49-035-0012						Salt Lake											
2003	1		24 HOURS	1	89	10	25	50	75	90	95	98	99	1	2	2.3	12.14
			Micrograms/cubic meter (LC)		109	5.1	6.9	9.2	13.0	24.4	29.0	45.9	54.8	54.9	54.8		9.39
		1	24 HOURS	2	91	10	25	50	75	90	95	98	99	1	2	2.3	12.33
			Micrograms/cubic meter (LC)		111	5.3	6.9	9.2	13.8	23.1	29.0	45.9	54.8	54.9	54.8		9.42
		1	24 HOURS	3	91	10	25	50	75	90	95	98	99	1	2	2.3	12.33
			Micrograms/cubic meter (LC)		111	5.3	6.9	9.2	13.8	23.1	29.0	45.9	54.8	54.9	54.8		9.42
		1	24 HOURS	4	89	10	25	50	75	90	95	98	99	1	2	2.3	12.14
			Micrograms/cubic meter (LC)		109	5.1	6.9	9.2	13.0	24.4	29.0	45.9	54.8	54.9	54.8		9.39

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

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Percentiles																
	1	24 HOURS	5	91	10	25	50	75	90	95	98	99	1	2	2.3	12.33
		Micrograms/cubic meter (LC)		111	5.3	6.9	9.2	13.8	23.1	29.0	45.9	54.8	54.9	54.8		9.42
	1	24 HOURS	6	91	10	25	50	75	90	95	98	99	1	2	2.3	12.33
		Micrograms/cubic meter (LC)		111	5.3	6.9	9.2	13.8	23.1	29.0	45.9	54.8	54.9	54.8		9.42
	1	24 HOURS	7	91	10	25	50	75	90	95	98	99	1	2	2.3	12.33
		Micrograms/cubic meter (LC)		111	5.3	6.9	9.2	13.8	23.1	29.0	45.9	54.8	54.9	54.8		9.42
49-035-1001					Salt Lake											
2003	1	24 HOURS	0	96	10	25	50	75	90	95	98	99	1	2	1.1	8.93 *
		Micrograms/cubic meter (LC)		52	3.0	4.4	6.0	9.7	21.2	29.9	30.7	51.2	51.2	30.7		9.06
49-035-3006					Salt Lake											
2003	1	24 HOURS	1	96	10	25	50	75	90	95	98	99	1	2	2.2	9.56
		Micrograms/cubic meter (LC)		352	3.9	5.2	7.1	10.7	18.8	24.5	32.8	49.5	59.5	52.9		7.79
	1	24 HOURS	2	97	10	25	50	75	90	95	98	99	1	2	2.2	9.64
		Micrograms/cubic meter (LC)		353	3.9	5.2	7.1	10.7	18.9	25.4	33.5	49.5	59.5	52.9		7.91
	1	24 HOURS	3	97	10	25	50	75	90	95	98	99	1	2	2.2	9.64
		Micrograms/cubic meter (LC)		353	3.9	5.2	7.1	10.7	18.9	25.4	33.5	49.5	59.5	52.9		7.91
	1	24 HOURS	4	96	10	25	50	75	90	95	98	99	1	2	2.2	9.56
		Micrograms/cubic meter (LC)		352	3.9	5.2	7.1	10.7	18.8	24.5	32.8	49.5	59.5	52.9		7.79
	1	24 HOURS	5	97	10	25	50	75	90	95	98	99	1	2	2.2	9.64
		Micrograms/cubic meter (LC)		353	3.9	5.2	7.1	10.7	18.9	25.4	33.5	49.5	59.5	52.9		7.91
	1	24 HOURS	6	97	10	25	50	75	90	95	98	99	1	2	2.2	9.64
		Micrograms/cubic meter (LC)		353	3.9	5.2	7.1	10.7	18.9	25.4	33.5	49.5	59.5	52.9		7.91

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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		7	97	10	25	50	75	90	95	98	99	1	2	2.2	9.64	
			Micrograms/cubic meter	(LC)		353	3.9	5.2	7.1	10.7	18.9	25.4	33.5	49.5	59.5	52.9		7.91	
49-035-3007							Salt Lake												
2003		1	24 HOURS		0	83	10	25	50	75	90	95	98	99	1	2	1.9	10.99 *	
			Micrograms/cubic meter	(LC)		100	4.2	5.5	7.1	12.9	24.5	33.5	44.9	54.6	54.6	44.9		9.69	
2003		2	24 HOURS		0	26	10	25	50	75	90	95	98	99	1	2	2.9	8.77 *	
			Micrograms/cubic meter	(LC)		6	2.9	5.2	9.5	10.0	19.2	19.2	19.2	19.2	19.2	10.0		5.78	
49-035-3008							Salt Lake												
2003		1	24 HOURS		0	93	10	25	50	75	90	95	98	99	1	2	.8	7.01	
			Micrograms/cubic meter	(LC)		113	2.7	4.1	5.9	8.2	11.1	18.7	25.3	26.4	27.6	26.4		4.87	
49-045-0002							Tooele												
2003		1	24 HOURS		0	100	10	25	50	75	90	95	98	99	1	2	1.3	6.74 *	
			Micrograms/cubic meter	(LC)		60	1.7	2.9	4.5	7.6	15.0	20.6	24.3	43.9	43.9	24.3		7.08	
49-049-0002							Utah												
2003		1	24 HOURS		0	98	10	25	50	75	90	95	98	99	1	2	2.2	9.26	
			Micrograms/cubic meter	(LC)		118	4.1	5.2	7.5	12.5	16.4	19.4	28.0	29.3	42.0	29.3		6.16	
49-049-4001							Utah												
2003		1	24 HOURS		1	93	10	25	50	75	90	95	98	99	1	2	1.5	8.43	
			Micrograms/cubic meter	(LC)		340	3.4	4.7	6.4	10.0	16.2	19.0	28.7	30.4	60.7	51.8		6.48	
		1	24 HOURS		2	93	10	25	50	75	90	95	98	99	1	2	1.5	8.54	
			Micrograms/cubic meter	(LC)		341	3.4	4.7	6.4	10.0	16.2	19.0	29.2	33.3	60.7	51.8		6.76	
		1	24 HOURS		3	93	10	25	50	75	90	95	98	99	1	2	1.5	8.43	
			Micrograms/cubic meter	(LC)		340	3.4	4.7	6.4	10.0	16.2	19.0	28.7	30.4	60.7	51.8		6.48	

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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			
	1	24 HOURS	4	93	10	25	50	75	90	95	98	99	1	2	1.5	8.54
		Micrograms/cubic meter (LC)	341	3.4	4.7	6.4	10.0	16.2	19.0	29.2	33.3	60.7	51.8		6.76	
	1	24 HOURS	5	93	10	25	50	75	90	95	98	99	1	2	1.5	8.54
		Micrograms/cubic meter (LC)	341	3.4	4.7	6.4	10.0	16.2	19.0	29.2	33.3	60.7	51.8		6.76	
	1	24 HOURS	6	93	10	25	50	75	90	95	98	99	1	2	1.5	8.54
		Micrograms/cubic meter (LC)	341	3.4	4.7	6.4	10.0	16.2	19.0	29.2	33.3	60.7	51.8		6.76	
	1	24 HOURS	7	93	10	25	50	75	90	95	98	99	1	2	1.5	8.54
		Micrograms/cubic meter (LC)	341	3.4	4.7	6.4	10.0	16.2	19.0	29.2	33.3	60.7	51.8		6.76	
2003	2	24 HOURS	0	24	10	25	50	75	90	95	98	99	1	2	3.4	9.35 *
		Micrograms/cubic meter (LC)	4	3.4	7.8	9.5	16.7	16.7	16.7	16.7	16.7	16.7	9.5		5.53	
49-049-5008				Utah												
2003	1	24 HOURS	0	96	10	25	50	75	90	95	98	99	1	2	.9	7.06
		Micrograms/cubic meter (LC)	116	2.8	4.2	6.1	8.1	11.9	16.7	22.5	25.2	36.2	25.2		4.95	
49-049-5010				Utah												
2003	1	24 HOURS	0	93	10	25	50	75	90	95	98	99	1	2	2.0	7.55
		Micrograms/cubic meter (LC)	113	3.2	4.5	6.4	8.9	12.0	17.9	23.0	28.7	29.5	28.7		4.93	
49-057-0002				Weber												
2003	1	24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	1.6	9.93
		Micrograms/cubic meter (LC)	118	4.5	5.8	7.5	11.1	19.8	24.5	27.3	29.6	38.3	29.6		6.56	
49-057-0007				Weber												
2003	1	24 HOURS	0	96	10	25	50	75	90	95	98	99	1	2	1.3	7.60
		Micrograms/cubic meter (LC)	116	3.4	4.3	6.0	9.5	14.7	18.5	21.9	25.5	32.6	25.5		5.10	

2003

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	2		24 HOURS		0	7	10	25	50	75	90	95	98	99	1	2	6.6	7.00 *	
			Micrograms/cubic meter			2	6.6	6.6	7.4	7.4	7.4	7.4	7.4	7.4	7.4	6.6		.57	
49-057-1003			(LC)				Weber												
2003	1		24 HOURS		0	96	10	25	50	75	90	95	98	99	1	2	.2	7.96	
			Micrograms/cubic meter			116	3.2	4.3	6.0	9.8	16.6	20.1	21.7	29.4	31.2	29.4		5.82	
			(LC)																

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