

REDUCED FREQUENCY DISTR REPORT

Jun. 7, 2006

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

AQS Site ID	Year	POC	Duration	Unit	EDT	PCT/ NBR Obs	County						Percentiles	Max	2nd	Min	Arith Mean / STD		
49-003-0003							Box Elder												
2004	1		24 HOURS		0	100	10	25	50	75	90	95	98	99	1	2	.2	10.14	
			Micrograms/cubic meter			122	2.7	4.3	6.4	10.3	22.7	33.6	52.0	60.4	66.9	60.4		11.21	
			(LC)																
49-005-0004							Cache												
2004	1		24 HOURS		1	94	10	25	50	75	90	95	98	99	1	2	1.2	15.18	
			Micrograms/cubic meter			345	3.3	5.0	7.0	12.5	40.9	58.6	101.5	116.9	132.7	127.6		22.41	
			(LC)																
	1		24 HOURS		2	95	10	25	50	75	90	95	98	99	1	2	1.2	15.19	
			Micrograms/cubic meter			346	3.3	5.0	7.1	12.7	40.9	58.6	101.5	116.9	132.7	127.6		22.38	
			(LC)																
	1		24 HOURS		3	95	10	25	50	75	90	95	98	99	1	2	1.2	15.19	
			Micrograms/cubic meter			346	3.3	5.0	7.1	12.7	40.9	58.6	101.5	116.9	132.7	127.6		22.38	
			(LC)																
	1		24 HOURS		4	94	10	25	50	75	90	95	98	99	1	2	1.2	15.18	
			Micrograms/cubic meter			345	3.3	5.0	7.0	12.5	40.9	58.6	101.5	116.9	132.7	127.6		22.41	
			(LC)																
	1		24 HOURS		5	95	10	25	50	75	90	95	98	99	1	2	1.2	15.19	
			Micrograms/cubic meter			346	3.3	5.0	7.1	12.7	40.9	58.6	101.5	116.9	132.7	127.6		22.38	
			(LC)																
	1		24 HOURS		6	95	10	25	50	75	90	95	98	99	1	2	1.2	15.19	
			Micrograms/cubic meter			346	3.3	5.0	7.1	12.7	40.9	58.6	101.5	116.9	132.7	127.6		22.38	
			(LC)																
	1		24 HOURS		7	95	10	25	50	75	90	95	98	99	1	2	1.2	15.19	
			Micrograms/cubic meter			346	3.3	5.0	7.1	12.7	40.9	58.6	101.5	116.9	132.7	127.6		22.38	
			(LC)																
2004	2		24 HOURS		0	21	10	25	50	75	90	95	98	99	1	2	4.4	5.34 *	
			Micrograms/cubic meter			12	4.4	4.7	5.6	6.0	6.2	6.3	6.3	6.3	6.3	6.2		.73	
			(LC)																
49-005-0005							Cache												
2004	1		24 HOURS		0	100	10	25	50	75	90	95	98	99	1	2	4.2	11.55 *	
			Micrograms/cubic meter			6	4.2	10.6	12.1	14.2	16.5	16.5	16.5	16.5	16.5	14.2		4.17	
			(LC)																

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

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Year	POC	Duration Unit														
49-005-0006			Cache													
2004	1	24 HOURS	0	100	10	25	50	75	90	95	98	99	1	2	4.1	8.60 *
		Micrograms/cubic meter (LC)		5	4.1	4.2	10.1	11.3	13.3	13.3	13.3	13.3	13.3	11.3		4.22
49-011-0004			Davis													
2004	1	24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	1.4	13.41
		Micrograms/cubic meter (LC)		120	4.0	5.9	9.2	16.7	32.2	43.3	45.8	58.1	74.0	58.1		12.37
49-035-0003			Salt Lake													
2004	1	24 HOURS	0	100	10	25	50	75	90	95	98	99	1	2	1.4	14.36
		Micrograms/cubic meter (LC)		122	4.3	6.1	8.7	14.5	39.0	51.6	65.7	66.6	68.6	66.6		15.08
49-035-0012			Salt Lake													
2004	1	24 HOURS	1	93	10	25	50	75	90	95	98	99	1	2	3.0	17.80
		Micrograms/cubic meter (LC)		114	6.4	9.0	13.2	19.3	39.9	52.0	56.6	59.9	85.9	59.9		14.20
	1	24 HOURS	2	98	10	25	50	75	90	95	98	99	1	2	3.0	17.95
		Micrograms/cubic meter (LC)		120	6.6	9.3	13.6	19.9	39.9	52.0	56.6	59.9	85.9	59.9		13.88
	1	24 HOURS	3	98	10	25	50	75	90	95	98	99	1	2	3.0	17.95
		Micrograms/cubic meter (LC)		120	6.6	9.3	13.6	19.9	39.9	52.0	56.6	59.9	85.9	59.9		13.88
	1	24 HOURS	4	93	10	25	50	75	90	95	98	99	1	2	3.0	17.80
		Micrograms/cubic meter (LC)		114	6.4	9.0	13.2	19.3	39.9	52.0	56.6	59.9	85.9	59.9		14.20
	1	24 HOURS	5	98	10	25	50	75	90	95	98	99	1	2	3.0	17.95
		Micrograms/cubic meter (LC)		120	6.6	9.3	13.6	19.9	39.9	52.0	56.6	59.9	85.9	59.9		13.88
	1	24 HOURS	6	98	10	25	50	75	90	95	98	99	1	2	3.0	17.95
		Micrograms/cubic meter (LC)		120	6.6	9.3	13.6	19.9	39.9	52.0	56.6	59.9	85.9	59.9		13.88
	1	24 HOURS	7	98	10	25	50	75	90	95	98	99	1	2	3.0	17.95
		Micrograms/cubic meter		120	6.6	9.3	13.6	19.9	39.9	52.0	56.6	59.9	85.9	59.9		13.88

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AQS Site ID	Year	POC	Duration	EDT	PCT/ NBR Obs	County						Percentiles	Max	2nd	Min	Arith Mean / STD	
49-035-1001						Salt Lake											
2004	1		24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	1.4	11.36
			Micrograms/cubic meter (LC)		120	3.2	4.7	7.3	11.0	28.7	42.0	55.1	62.5	66.8	62.5		12.21
49-035-3006						Salt Lake											
2004	1		24 HOURS	1	98	10	25	50	75	90	95	98	99	1	2	1.6	14.16
			Micrograms/cubic meter (LC)		359	4.3	5.6	7.8	14.3	35.4	56.8	63.9	70.0	94.2	79.6		15.66
	1		24 HOURS	2	98	10	25	50	75	90	95	98	99	1	2	1.6	14.20
			Micrograms/cubic meter (LC)		360	4.4	5.6	7.8	14.6	35.4	56.8	63.9	70.0	94.2	79.6		15.66
	1		24 HOURS	3	98	10	25	50	75	90	95	98	99	1	2	1.6	14.20
			Micrograms/cubic meter (LC)		360	4.4	5.6	7.8	14.6	35.4	56.8	63.9	70.0	94.2	79.6		15.66
	1		24 HOURS	4	98	10	25	50	75	90	95	98	99	1	2	1.6	14.16
			Micrograms/cubic meter (LC)		359	4.3	5.6	7.8	14.3	35.4	56.8	63.9	70.0	94.2	79.6		15.66
	1		24 HOURS	5	98	10	25	50	75	90	95	98	99	1	2	1.6	14.20
			Micrograms/cubic meter (LC)		360	4.4	5.6	7.8	14.6	35.4	56.8	63.9	70.0	94.2	79.6		15.66
	1		24 HOURS	6	98	10	25	50	75	90	95	98	99	1	2	1.6	14.20
			Micrograms/cubic meter (LC)		360	4.4	5.6	7.8	14.6	35.4	56.8	63.9	70.0	94.2	79.6		15.66
	1		24 HOURS	7	98	10	25	50	75	90	95	98	99	1	2	1.6	14.20
			Micrograms/cubic meter (LC)		360	4.4	5.6	7.8	14.6	35.4	56.8	63.9	70.0	94.2	79.6		15.66
49-035-3007						Salt Lake											
2004	1		24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	2.5	13.84
			Micrograms/cubic meter (LC)		119	4.7	5.7	8.7	14.7	33.7	47.9	60.5	64.0	73.5	64.0		13.99
2004	2		24 HOURS	0	7	10	25	50	75	90	95	98	99	1		13.7	13.70 *
			Micrograms/cubic meter (LC)		1	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7			.00

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49-035-3008						Salt Lake											
2004	1		24 HOURS	0	90	10	25	50	75	90	95	98	99	1	2	1.8	10.82
			Micrograms/cubic meter		110	3.5	4.6	7.5	10.6	24.6	44.9	48.2	54.1	62.1	54.1		11.54
			(LC)														
49-049-0002						Utah											
2004	1		24 HOURS	0	94	10	25	50	75	90	95	98	99	1	2	.2	11.16
			Micrograms/cubic meter		116	4.1	5.2	7.9	12.0	19.7	30.4	53.7	55.0	66.7	55.0		11.07
			(LC)														
49-049-4001						Utah											
2004	1		24 HOURS	1	97	10	25	50	75	90	95	98	99	1	2	.8	12.83
			Micrograms/cubic meter		355	4.2	5.6	7.6	12.8	26.8	50.0	63.9	75.2	82.0	80.7		14.25
			(LC)														
	1		24 HOURS	2	97	10	25	50	75	90	95	98	99	1	2	.8	12.87
			Micrograms/cubic meter		356	4.2	5.6	7.6	12.9	26.8	50.0	63.9	75.2	82.0	80.7		14.25
			(LC)														
	1		24 HOURS	3	97	10	25	50	75	90	95	98	99	1	2	.8	12.87
			Micrograms/cubic meter		356	4.2	5.6	7.6	12.9	26.8	50.0	63.9	75.2	82.0	80.7		14.25
			(LC)														
	1		24 HOURS	4	97	10	25	50	75	90	95	98	99	1	2	.8	12.83
			Micrograms/cubic meter		355	4.2	5.6	7.6	12.8	26.8	50.0	63.9	75.2	82.0	80.7		14.25
			(LC)														
	1		24 HOURS	5	97	10	25	50	75	90	95	98	99	1	2	.8	12.87
			Micrograms/cubic meter		356	4.2	5.6	7.6	12.9	26.8	50.0	63.9	75.2	82.0	80.7		14.25
			(LC)														
	1		24 HOURS	6	97	10	25	50	75	90	95	98	99	1	2	.8	12.87
			Micrograms/cubic meter		356	4.2	5.6	7.6	12.9	26.8	50.0	63.9	75.2	82.0	80.7		14.25
			(LC)														
	1		24 HOURS	7	97	10	25	50	75	90	95	98	99	1	2	.8	12.87
			Micrograms/cubic meter		356	4.2	5.6	7.6	12.9	26.8	50.0	63.9	75.2	82.0	80.7		14.25
			(LC)														
49-049-5008						Utah											
2004	1		24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	1.2	10.67
			Micrograms/cubic meter		120	3.6	5.2	7.6	10.3	21.3	39.2	50.1	63.2	75.0	63.2		11.46

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 State: (49) Utah

AQS Site ID		EDT	PCT/ NBR Obs	County	Percentiles								Max	2nd	Min	Arith Mean / STD
Year	POC				Duration Unit	10	25	50	75	90	95	98				
49-049-5010				Utah												
2004	1	24 HOURS	0	97	10	25	50	75	90	95	98	99	1	2	.6	10.60
		Micrograms/cubic meter (LC)		118	3.1	4.2	6.7	9.9	23.8	46.9	52.5	60.8	82.1	60.8		12.83
49-057-0002				Weber												
2004	1	24 HOURS	0	97	10	25	50	75	90	95	98	99	1	2	1.5	13.88
		Micrograms/cubic meter (LC)		118	4.6	6.3	8.8	15.4	30.0	45.4	62.5	71.6	74.2	71.6		13.64
49-057-0007				Weber												
2004	1	24 HOURS	0	99	10	25	50	75	90	95	98	99	1	2	.5	11.69
		Micrograms/cubic meter (LC)		121	3.7	5.2	7.2	12.4	25.7	38.4	54.9	65.1	70.4	65.1		12.17
49-057-1003				Weber												
2004	1	24 HOURS	0	98	10	25	50	75	90	95	98	99	1	2	1.7	11.59
		Micrograms/cubic meter (LC)		120	3.3	4.9	6.9	11.5	26.7	36.4	56.0	69.0	73.8	69.0		12.71

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