

UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter
2004 December

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	WT	WX	WV	VX
12/01								23.7		26.5		20.5											
12/02		17.9	17.8	26.4	15.8	23.2	21.4	24.9		31.1		31.8		20.1	27.1	21.5	24.2	13.4	11.5	19.5		24.0	
12/03								32.9		31.2	31.4	29.3											
12/04								41.2		41.0	40.4	26.1											
12/05		39.6	44.7	55.9	26.5	17.1	47.4	49.4		52.7	53.1	24.9	21.5	43.8	52.0	18.9	45.5	14.8	17.5	40.0	42.6	60.4	
12/06								40.5		41.6	42.6	9.8											
12/07								3.7		3.4		4.4											
12/08		1.9	1.5	1.5	1.8	1.3	2.9	2.3		1.6		2.0		1.7	6.3	3.0	3.0	4.0	7.4			2.3	
12/09								7.6		4.5		6.5											
12/10								9.9		12.4		17.4											
12/11		13.0	12.5	16.1	2.9	4.7	10.5	15.9		16.2	16.7	13.5		18.3	17.4	9.4	20.3	5.0	13.0	13.9	13.7	3.6	
12/12								23.5		13.2	12.9	11.0											
12/13								18.8		4.1	4.1	13.0											
12/14	10.7	14.4	19.9	22.6	8.2	8.9	18.2	22.2		12.1	12.7	14.3		26.9	27.4	12.0	18.5	7.8	14.4	13.8		26.9	
12/15								18.7		7.9	8.8	15.4											
12/16								16.8		8.2	8.7	17.3											
12/17	11.7	18.1	25.2	27.6	14.8	18.2	19.6	27.7	7.2	14.1	14.5	19.7	20.0	20.6	29.7	19.9	23.4	12.5	2.5	19.7	20.2	29.2	28.2
12/18								44.6		16.4	16.0	26.9											
12/19								53.2		16.7	17.2	24.6											
12/20	12.0	17.9	27.4	41.8	26.7	22.6	22.5	38.1	11.3	14.6	14.2	31.4		24.8	31.1	30.8	26.9	27.1	13.3	24.4		26.3	
12/21								18.7		8.0	7.5	17.2											
12/22								8.5		10.9	11.3	9.8											
12/23	4.2	3.3	9.9	9.5	4.9	8.7	5.6	10.8	4.1	6.4	6.1	11.9	9.4	5.1	9.0	12.4	11.8	7.9	1.2	7.5	7.4	7.8	8.3
12/24								13.8		9.6	10.6	17.1											
12/25								26.2		16.9	17.8	20.0											
12/26	14.3	17.4	32.3	40.9	6.0	6.6	24.9	41.6	13.3	20.0	21.0	12.8		31.8	39.4	12.0	30.1	2.4	16.9	23.0		35.1	
12/27								17.9		15.9	16.5	8.1											
12/28								12.7		16.6	17.1	10.0											
12/29	16.8	6.2	5.9	4.5	1.9	3.6	5.0	4.5	4.2	5.7	5.6	5.7	6.3	1.4	8.5	5.0	6.6	2.5	0.9	3.8	3.6	2.6	2.9
12/30								1.5		1.8	2.0	1.6											
12/31								2.0		2.3	2.1	1.8											

Arith Mean	11.6	15.0	19.7	24.7	10.9	11.5	17.8	21.7	8.0	15.6	16.4	15.4	14.3	19.4	24.8	14.5	21.0	9.7	9.9	18.4	17.5	21.8	13.2
Max 24-hr Avg	16.8	39.6	44.7	55.9	26.7	23.2	47.4	53.2	13.3	52.7	53.1	31.8	21.5	43.8	52.0	30.8	45.5	27.1	17.5	40.0	42.6	60.4	28.2
Std.Dev	4.3	10.7	13.1	17.6	9.6	8.1	13.1	14.8	4.2	12.6	12.8	8.7	7.5	13.7	14.7	8.4	12.3	7.6	6.4	10.6	15.4	18.4	13.4
Days Data	6	10	10	10	10	10	10	31	5	31	25	31	4	10	10	10	10	10	10.0	9	5	10	3
Yearly Mean	11.6	8.2	12.5	13.2	9.1	9.2	9.4	12.7	8.0	9.6	8.5	10.7	9.8	9.6	16.8	9.6	11.6	8.0	8.4	10.2	10.5	12.8	11.5