

UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter
2005 December

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	WT	WX	WV	VX	
12/01								7.1		5.3	5.3	3.7			8.0										
12/02								5.7		2.1	2.2	5.6			5.3										
12/03	1.6		2.3	4.2	1.3	2.3	2.2	4.0	1.5	1.8	1.9	3.7		1.0	3.7	4.1	2.3	2.8		3.7	2.7		3.6		
12/04								3.9		2.4	2.0	3.3			2.9										
12/05								9.9		5.2	5.6	10.5			7.8										
12/06	3.7		5.3	7.3	2.3	6.9	4.4	6.2	2.4	4.5	4.7	9.2	9.1	4.9	6.3	7.9	3.7	2.3		2.7	4.1	4.4			
12/07								8.7		14.7	14.2				19.8										
12/08								19.9		21.4					26.8										
12/09	17.9	16.0	24.7	33.0	13.2	17.7		29.9	17.5	27.2	26.9	26.5		23.9	36.8	29.2	17.3	15.4		15.6	18.0		35.9	32.1	
12/10								35.8		29.7	29.9	34.0			41.1										
12/11								45.6		32.9	32.1	38.5			45.0										
12/12	27.8	25.3	48.3	62.9	32.7	42.9	29.8	61.3	23.4	36.7	37.2	52.1	52.4	45.3	62.7	45.5	29.8	42.8		33.7	25.9	26.4	63.2	62.1	
12/13								55.5		25.3	25.7	36.4			53.5										
12/14								14.3		13.9	14.0	14.7			16.6										
12/15	18.4	14.2	21.7	26.5	14.5	22.2		25.3	12.0	21.1		26.7		20.1	27.0	23.7		14.2		17.1	14.2		30.0		
12/16								40.8		21.7		26.2			42.3										
12/17								45.1		24.1		32.4			41.7										
12/18	26.3		35.1	41.2	25.1	22.6		39.8	20.1	21.7	21.7	21.7	22.5	34.6	34.9	24.0		21.1		45.5	19.1	19.2	35.8	35.5	
12/19								44.1		29.1	28.4	12.1			40.1										
12/20								43.3		21.3	21.0	27.2			39.2										
12/21	10.0	23.3	29.6	27.3	4.7	9.7	28.4	28.0	11.2	14.6	14.5	20.4		33.2	37.4	13.5	29.9	8.6		14.7			36.9		
12/22								31.7		15.3	14.9	5.2			34.8										
12/23							11.7	27.6		6.8	6.5	5.0			14.2										
12/24	8.8		13.3	16.0	1.9	7.5		13.7	7.3	9.8	11.8	12.5	12.3	10.3	13.9	10.9	14.1			5.7	7.0	6.9		9.8	
12/25								22.6		16.2	15.8	12.7			15.1									17.7	
12/26								8.6		12.6	14.5	2.0			9.7										
12/27			3.0	4.7	4.1	4.9	3.7							2.9	8.5	5.7	4.7			1.7	3.6		3.2		
12/28															6.2										
12/29															4.3										
12/30			4.3		1.5	4.4	3.5						6.9	2.0	4.3	8.2	3.8	3.1		1.8	3.8	3.8			
12/31															3.4										

Arith Mean	14.3	19.7	18.8	24.8	10.2	14.1	11.9	26.1	11.9	16.8	15.9	18.4	20.6	17.8	23.0	17.3	13.2	13.8		14.2	10.9	12.1	28.3	34.9
Max 24-hr Avg	27.8	25.3	48.3	62.9	32.7	42.9	29.8	61.3	23.4	36.7	37.2	52.1	52.4	45.3	62.7	45.5	29.9	42.8		45.5	25.9	26.4	63.2	62.1
Std.Dev	9.8	5.4	15.8	19.4	11.1	12.5	12.1	17.2	8.0	10.1	10.6	13.7	18.7	16.0	17.5	13.2	11.6	14.9	8.6		8.6	10.1	19.9	21.4
Days Data	8	4	10	9	10	10	7	26	8	26	22	24	5	10	31	10	8	8		10	9	5	8	4
Yearly Mean	6.7	7.1	9.3	10.5	7.1	7.6	7.7	10.8	6.5	8.0	8.0	9.9	9.9	8.8	13.6	9.2	9.3	7.4	8.1	9.2	8.0	8.3	12.1	11.9