

UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter
2006 December

Date	BR	BV	CW	HE	HG	HV	HW	VL	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	WT	WX	WV	VX	
12/01	5.9	14.3	16.6	9.1	16.6	9.9	21.2		9.1	11.5	11.2	11.2	10.0	18.7	12.5	9.5	12.2	16.7	5.2	9.5	9.5	16.4	15.6	
12/02							10.4		7.1	7.4	15.5			11.7										
12/03							17.9		10.0	12.3	18.8			18.0										
12/04	16.3		37.4	15.2	19.7	21.9	28.8			16.3	27.0			19.4	31.9	21.4	25.8	18.5		16.7	18.3		31.1	
12/05							40.6		25.0	26.4	28.4			47.5				21.2						
12/06							48.6		26.3	28.7	28.4			55.4										
12/07	24.7	34.2	44.3	14.0	22.3	24.6	41.4		29.5	30.1	27.9	28.2	38.3	54.5	25.6	30.1	22.9			21.1	22.1	22.1	47.1	46.1
12/08							44.3		27.1		30.2			53.8										
12/09							10.9		19.8	18.6	8.3			13.2										
12/10	8.4	9.0	9.5	5.0	5.8	10.6	9.6	18.9	14.6	14.2	8.5		4.3	7.6	8.3	11.4	5.4			6.1	7.3		6.1	
12/11							7.5		3.6	3.9	8.5			7.7										
12/12							8.0		7.8	7.5	4.9			10.0										
12/13	6.5	5.6	6.6	2.8	5.4	4.3	7.8		6.4	6.4	8.4	8.7	2.0	7.7	10.5	6.3	6.4			2.6	4.9	4.1	5.3	4.0
12/14							5.9	9.1	6.0	5.7	9.1			6.3										
12/15							4.0		1.5	2.2	4.5			5.4										
12/16	1.4	2.7	3.7	1.9	3.6	1.3	2.3	2.7	1.8	2.2	5.1		1.6	2.3	5.4	1.7	4.0			3.1	1.7			
12/17							4.1		2.8	3.2	8.6			4.9										
12/18							9.7		6.8	7.5	18.9			16.5										
12/19	5.6	14.8	22.0	11.2	15.6	7.2	18.2		15.0	15.1	17.7	18.2	14.0	25.4	19.8	10.7	19.5			9.4	8.6	9.3	22.1	21.9
12/20							28.7	16.8	11.6	12.2	29.2			31.6										
12/21							37.7		20.6	21.2	39.3			39.9										
12/22	41.8	35.0	39.3	29.6	48.0	41.5	39.3	28.5	40.0	41.9	32.1		29.3	36.8	44.0		38.8			22.7	31.0		38.5	
12/23							23.2		17.2		37.4			25.8										
12/24							27.5		6.0		37.6			26.3										
12/25	21.5	17.2	29.0	9.5	24.5	19.1	23.5	17.6	11.7		33.3	33.9		21.0	27.7	16.1	13.9				14.8		18.0	
12/26							25.5		13.8		32.0			26.9										
12/27							6.0		12.1		2.8			7.5										
12/28	2.2	4.7	3.6	2.5	4.1	3.0	2.8	3.0	3.5	3.4	7.1		2.6	4.1	7.3	3.1	5.0			3.2	3.3		2.8	
12/29									6.7	6.8				6.2										
12/30							15.0		14.2	14.5				18.8										
12/31	23.9	27.9	29.2	22.1	22.8	24.9	29.2		16.3	17.0		24.0		30.1	22.6	25.3	19.5			18.8	23.5	22.0	30.0	27.8

Arith Mean	14.4	16.5	21.9	11.2	17.1	15.3	20.0	13.8	13.5	13.4	19.3	20.7	13.5	21.7	18.6	14.0	15.1	18.9	10.9	13.2	13.4	21.3	23.1
Max 24-hr Avg	41.8	35.0	44.3	29.6	48.0	41.5	48.6	28.5	40.0	41.9	39.3	33.9	38.3	55.4	44.0	30.1	38.8	21.2	22.7	31.0	22.1	47.1	46.1
Std.Dev	12.5	12.0	14.9	8.7	13.0	12.3	14.0		9.5	10.0	12.1	9.8	13.2	16.0	11.4	10.0	8.1	9.5	3.2	9.5	8.2	14.2	15.6
Days Data	11	10	11	11	11	11	30	7	31	25	28	6	9	31	11	10	11	2.0	10	11	5	11	5
Yearly Mean	80.0	9.1	10.5	7.9	8.8	8.0	10.2	13.8	8.0	8.5	9.5	9.6	7.9	13.6	9.4	9.7	8.2	8.2	6.5	8.2	7.7	11.0	10.5