

# UTAH STATE DIVISION OF AIR QUALITY

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

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	WT	WX	WV	VX
01/01	4.3	5.7	7.2	5.2	2.6	3.1	5.9	8.4	5.4	7.0	7.5	3.7		2.8	6.7	4.5	6.5	2.3	13.3	6.0		5.0	14.8
01/02								10.1		13.4	13.3	10.6											
01/03								14.2		25.0	25.3	13.0											
01/04	13.6		12.5	17.2	12.8	12.2	3.9	12.9	10.0	9.9	10.0	17.4	17.5	15.7	20.1	15.6	6.7	17.4	0.7	7.1	7.3	15.2	
01/05								7.2		9.6	10.0	13.6											
01/06								12.8		9.5	9.6	14.4			11.6								
01/07	9.0	4.5	7.4	6.9	3.3	5.4	5.1	6.9	3.7	6.8	7.0	8.1		2.4	9.4	8.5	7.3	3.8	3.3	4.3		5.7	7.0
01/08								1.0		1.2	1.2	1.3			3.0								
01/09								1.6		8.0		1.2			4.6								
01/10	7.5	3.8	8.7	9.5	5.0	1.7	6.1	11.5	3.7	8.5		2.9	2.8	4.5	11.4	5.0	7.8	3.0	0.8	7.0	7.1	7.2	
01/11								5.2		6.7		1.3			13.9								
01/12								7.2		8.0		5.3			8.0								
01/13	10.1	4.4	6.2	10.1	3.0	3.2	6.6	7.3	3.5	16.5		6.7		3.2	8.6	6.2	11.1	5.5	10.1			7.8	
01/14								16.0		34.0		11.5			22.5								
01/15								35.8		49.9		10.6			40.2								
01/16	69.7	34.1		35.9	19.8	11.7	36.8	38.3	70.0	72.9		13.9	14.4	36.7	39.2	23.7	37.5		2.0	31.2	31.3	37.8	
01/17								34.2		87.0		33.1			37.4								
01/18								32.7		73.9		28.4			37.4								
01/19	46.2	37.6	38.6	37.2	19.7	17.1	38.0	38.1	37.4	51.2		23.3		50.3	46.5	19.9	42.4	21.2	14.8	34.3			
01/20								45.4		42.2		27.9			43.2								
01/21								34.9		29.9		38.2			29.0								
01/22	21.4	21.3	22.6	37.6	16.9	23.9	23.5	36.2	23.1	24.3		25.7	25.9	22.0	32.3	30.6	27.8	23.3	1.7	23.8	24.6	27.7	28.5
01/23								45.6		31.2		34.1			42.2								
01/24								39.5		50.3		31.7			36.0								
01/25	31.1	20.5	31.3	42.0	27.4	33.7	23.3	39.7		35.5		37.2		24.5	39.7	35.7	28.0	32.4	9.7	26.0		38.9	
01/26								41.6		29.5		39.3			32.3								
01/27								22.4		48.6	50.3	18.3			20.8								
01/28	48.4	12.2	15.5	11.9	7.2	6.7	13.0	13.4	49.4	55.3	55.8	7.1	6.8	13.3	17.4	5.8	18.1	10.3	5.3	16.1	16.0		
01/29								15.5			47.5	8.1			16.1								
01/30								7.3			12.1	12.2			7.6								
01/31	12.2	6.2	9.8	11.1	6.6	10.3	7.7	11.9			14.5	12.1		6.3	12.7	10.8	9.3	9.4	6.3	7.4		9.5	

Arith Mean	24.9	15.0	16.0	20.4	11.3	11.7	15.4	21.1	22.9	30.2	20.3	16.5	13.5	16.5	23.2	15.1	18.4	12.9	6.2	16.3	17.3	17.2	16.8
Max 24-hr Avg	69.7	37.6	38.6	42.0	27.4	33.7	38.0	45.6	70.0	87.0	55.8	39.3	25.9	50.3	46.5	35.7	42.4	32.4	14.8	34.3	31.3	38.9	28.5
Std.Dev	21.3	12.8	11.3	14.5	8.5	9.9	12.8	14.8	24.3	23.6	18.5	12.0	9.1	15.7	14.1	11.0	13.3	10.2	5.1	11.5	10.6	13.9	10.9
Days Data	11	10	10	11	11	11	11	31	9	28	13	31	5	11	28	11	11	10	11.0	10	5	9	3
Yearly Mean	20.2	9.3	13.1	14.5	9.6	9.6	10.5	14.7	19.8	13.5	9.5	12.1	10.5	10.8	18.8	10.8	12.9	8.9	8.0	11.2	11.5	13.5	12.0