

# UTAH STATE DIVISION OF AIR QUALITY

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

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	WT	WX	WV	VX
02/01								10.9			22.6	18.1			11.0								
02/02								16.5		25.9	25.8	23.4			18.5								
02/03	33.2	21.2	23.5	29.0	21.3	29.6	20.2	25.7	30.9	40.9	40.7	29.5	30.3	18.1		29.1	20.6	26.2	11.0	23.1	17.4	24.3	24.6
02/04								29.9			60.4	13.7			40.8								
02/05								17.2			77.4	9.2											
02/06	26.2	6.7	10.1	11.8	10.1	12.8	7.1	10.5	11.9		17.5	14.6		6.0		13.8	7.8	12.6	9.0	6.6		10.2	
02/07								14.1			26.1	7.0											
02/08								12.3			24.8	9.9											
02/09	40.8	11.9	14.2	2.9	12.5	9.7	19.6	18.6	18.9		32.4	12.9	12.6	14.1	5.4	11.6	17.4	9.0	8.1	14.7	15.2	21.2	21.5
02/10								32.5			42.9				37.5								
02/11											48.7	15.8			44.5								
02/12	43.4	21.0	23.6	28.0	16.7	9.2	18.5	35.5	40.2		48.4	16.5		26.4	29.0	16.1	24.0	12.2	5.9	19.9		29.4	
02/13								9.5		25.6	24.5	6.3			13.9								
02/14								5.5			6.2	3.5			7.0								
02/15		3.3	4.2	7.3	5.6	4.6	4.1		5.2		9.7		7.6	4.9	5.3	7.8	5.9	5.8	7.1	5.1	5.2	5.7	5.8
02/16										25.8	25.8				13.8								
02/17										44.2	43.1	21.8			27.1								
02/18		26.0	33.2	35.7	39.7	36.2	25.8	36.2	39.4	57.0	55.7	36.7		30.9	37.2	41.5	28.5	44.0	3.5	26.5		36.8	
02/19								6.0		39.2	36.7	3.7			8.7								
02/20								2.3		11.3	11.0				4.7								
02/21	18.8		6.5	5.4	2.0	2.9	11.4	10.9		22.9	22.9	6.4	6.1	3.9	8.7	5.5	12.7	2.7	3.7	10.9	11.0	5.6	12.5
02/22										28.6	28.5	8.5			18.8								
02/23								4.3		35.2	35.3	10.5			16.1								
02/24	44.1	7.1	9.3	3.2	8.1	7.4	8.8	8.5	29.4	48.4	44.7	9.3		8.2	15.4	7.4	9.9	6.2	6.4	8.6		12.3	
02/25								13.0		45.6	44.8	7.5			19.4								
02/26								13.0		53.5	52.7	9.7			19.7								
02/27	50.4	20.2	9.2	12.5	8.2	7.0	13.6	10.1	44.0	56.7	55.5	10.1	10.5	9.3	14.5	10.1	12.6	6.3	4.3	11.9	12.2	12.5	
02/28								11.7		55.1	54.3	9.1			15.6								

Arith Mean	36.7	14.7	14.9	15.1	13.8	13.3	14.3	15.0	27.5	38.5	36.4	13.1	13.4	13.5	18.8	15.9	15.5	13.9	6.6	14.1	12.2	17.6	14.1
Max 24-hr Avg	50.4	26.0	33.2	35.7	39.7	36.2	25.8	36.2	44.0	57.0	77.4	36.7	30.3	30.9	44.5	41.5	28.5	44.0	11.0	26.5	17.4	36.8	24.6
Std.Dev	11.2	8.4	9.7	12.5	11.3	11.6	7.1	9.9	14.2	14.0	17.0	8.1	9.8	9.7	11.8	11.9	7.7	13.2	2.5	7.5	4.6	10.9	8.7
Days Data	7	8	9	9	9	9	9	24	8	16	28	24	5	9	23	9	9	9	9.0	9	5	9	5
Yearly Mean	25.0	8.9	11.7	12.5	9.1	9.1	9.9	12.7	21.2	13.1	11.5	10.9	9.9	9.8	17.3	10.2	11.5	8.4	7.6	9.9	10.3	12.3	11.2