

# UTAH STATE DIVISION OF AIR QUALITY

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

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	
02/01	5.4	3.3	6.9	7.6	2.5	5.9	3.8	7.5	1.2	2.3	4.5	4.6			7.7	7.7	6.8	4.8	5.6	2.5	5.8		6.1		
02/02								8.1		3.4	4.1			2.8	6.6										
02/03								6.5		5.3	5.7				6.3										
02/04	9.1	4.4		7.1	3.3	5.2	5.4	6.6	6.7	11.0	10.1		6.8	14.7	7.6	7.2	6.7		11.3	4.2	4.6	4.6	4.3	6.2	
02/05								2.4		2.8	2.9				3.0										
02/06								10.3		9.4	10.3				11.2										
02/07	16.7	17.1	14.7	21.2	9.4	12.4	16.0	19.4	14.5	21.1	22.1	16.0		16.6	23.5	13.3	15.8	5.5	11.8		14.2		24.7		
02/08								25.8		29.3	30.4	20.1			32.5										
02/09								37.0		38.5	38.7	26.6													
02/10	8.1	8.2	14.3	15.4	9.0	13.0	11.4	16.9	11.2	14.9	15.4	17.4	17.9	6.0	13.9	15.9	11.5	13.8	9.6	10.4	8.9	12.0	9.7	9.1	
02/11								13.0		10.0	10.3	15.3			12.9										
02/12								25.3		19.0	19.0	17.8			27.1										
02/13	24.4	15.6		30.1	26.4	24.0	19.1	27.5	18.5	25.6	25.0	23.3			29.3	24.6	23.6	17.7	13.0	24.1	20.4		29.5		
02/14			16.3					10.9		16.6	16.5	18.0			20.0										
02/15								8.0		6.9	6.6	12.5			7.8							9.2			
02/16	10.1	5.4	6.9	9.7	4.6	4.9	8.3	7.8	8.6	11.9	11.9	7.2	6.7	5.0	11.5	6.9	9.7	4.5	10.6	5.0	9.6		11.3	11.6	
02/17								20.2		18.0	19.0	12.3			23.9										
02/18								15.9		16.1	12.1	19.2			20.5										
02/19		22.6			22.1	21.0	28.6	28.8	15.3	22.8	23.4	23.5			14.8	21.6	20.3	23.5	21.6	5.4	22.9	21.6		21.4	
02/20								23.9		30.4	29.5	23.4			30.8										
02/21								16.5		37.6	36.7	17.6			14.9										
02/22	6.7	4.2	7.3	9.8	3.3	8.8	6.0	9.6		7.3	6.9	9.0	9.6	5.3	9.8	9.5	5.1				5.5	5.7	8.5	8.8	
02/23								7.3		9.7	10.0	10.5			10.0				11.4						
02/24								7.5		12.9	14.0	8.2			10.5										
02/25	17.3	9.3	6.1	12.9	4.1	4.6	12.8	11.5	11.3	20.9	20.5	9.5		9.0	13.1	7.8	12.1	5.0	9.5	6.8		10.9			
02/26								6.0		25.1	26.2	4.6			7.4									5.5	
02/27								3.2		14.4	14.2	2.4			6.1										
02/28	1.8	1.8	3.0	3.2	4.0	3.0	3.2	2.3		1.9	2.2	2.3	3.0	2.5	4.4	4.3	3.5		3.3	5.1	3.0	3.5	4.1	3.5	

Arith Mean	11.1	9.2	9.4	13.0	8.9	10.3	11.5	13.8	10.9	15.9	16.0	14.0	8.8	8.5	14.6	11.7	11.8	10.4	9.2	10.1	10.4	7.7	12.5	7.8
Max 24-hr Avg	24.4	22.6	16.3	30.1	26.4	24.0	28.6	37.0	18.5	38.5	38.7	26.6	17.9	16.6	32.5	24.6	23.6	21.6	13.0	24.1	21.6	12.0	29.5	11.6
Std.Dev	7.1	7.0	4.9	8.3	8.5	7.3	8.0	9.1	5.5	10.2	10.1	7.2	5.6	5.5	8.7	6.6	7.2	8.6	6.9	3.2	6.9	3.5	9.2	3.1
Days Data	9	10	8	9	10	10	10	28	8	28	28	23	5	9	27	10	10	7	10.0	8	9	6	10	5
Yearly Mean	7.8	7.6	9.6	11.0	7.2	8.2	8.8	11.7	7.4	9.4	9.5	10.6	10.1	9.1	13.9	9.5	10.5	7.5	9.0	9.0	8.6	8.3	12.5	11.2