

# UTAH STATE DIVISION OF AIR QUALITY

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

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	WT	WX	WV	VX
05/01	4.1	4.9	5.0	6.2	5.8	7.2	4.7	4.8	4.9	5.8	5.0	8.0		4.6	4.3	6.0	5.4	5.2	3.9	4.8			
05/02								5.5		6.1	5.7	6.2			6.5								
05/03								6.5		6.5	5.6	6.5			8.4								
05/04	3.9		5.5	5.7	4.2	5.4		5.2	3.3	4.3	3.7	5.6	5.8	4.1	8.3	5.8	6.1	5.1	4.3	4.6	4.6	7.5	5.3
05/05								6.8			4.6	5.2			7.3								
05/06								5.7		4.5	8.8	3.7			6.4								
05/07			2.3	1.9	1.1	1.4	4.5	2.9	1.8	2.5	2.2	1.5		1.7	3.3	2.0	2.7	1.7		2.5		2.7	
05/08								3.0		3.1	3.0	1.4			4.0								
05/09								7.1		4.4	3.4	7.7			8.6								
05/10	1.3	1.1	3.4	4.2	2.9	1.5	0.7	7.2	1.5	1.7	1.3	2.7	3.3	2.0	6.0	3.3	3.4	3.0		2.9	2.9	3.9	3.4
05/11								1.9		1.1	1.6	0.8			3.3								
05/12								2.5		1.7	1.2	1.5			3.7								
05/13		2.9	3.9	5.6	4.8	4.9	3.6	5.6	3.0	3.9	3.9	7.0		4.8	7.5	5.9		6.0		4.3		5.9	
05/14								8.8		6.1	6.2	7.8			8.9								
05/15								7.5		6.0	6.0	6.2			7.6								
05/16	5.9	5.4	5.5	5.6	7.4	5.4	6.2	6.8	4.9	5.8	5.9	5.9	6.4	6.4	9.0	6.9	7.7	5.3		5.6	5.6		6.8
05/17								2.8		2.0	1.6	1.9			3.6				4.5				
05/18								4.6		3.6	3.7	4.0			4.9								
05/19	3.6	4.7		4.6	4.4	4.5	4.7	5.8	3.4	4.7	4.3	5.2		4.7	6.7	5.3	5.2	4.1	7.3	4.7		5.5	
05/20								8.0		4.8	5.0	8.4			7.8								
05/21								5.6		3.8	3.9	7.4			6.4								
05/22	4.9	6.2	8.5	8.9	6.9	6.8		10.8	5.4	5.5	5.6	7.5	7.4	7.5	19.7	7.2	8.0	5.9	7.1	7.3	7.1	8.4	10.2
05/23								6.8		5.2	4.3	7.1			13.4								
05/24								5.6		4.3	4.5	6.1			10.5								
05/25	3.5		6.1	6.2	5.2	6.1	4.3	6.1	3.7	5.0	4.2	6.5		4.3	9.6	6.3		5.5	7.1	4.4		6.0	
05/26								7.2		4.2	4.5	8.0			15.6								
05/27								8.2		5.8	6.5	9.3			14.4								
05/28	6.3		9.2	8.3	8.4	7.6	8.9	9.0	5.4	7.5	7.5	10.1	10.6	7.2	19.0	7.4	7.2	7.7	5.2	7.3	7.5	11.6	9.5
05/29								8.6		6.0	5.5	8.2			15.6								
05/30								4.5		3.7	0.3				6.3								
05/31	4.3	5.4		5.8	3.5	5.0	5.7	5.4	4.8	5.7	4.3			5.2	9.2	5.0	7.7	5.1		5.9		5.1	

Arith Mean	4.2	4.4	5.5	5.7	5.0	5.1	4.8	6.0	3.8	4.5	4.3	5.8	6.7	4.8	8.5	5.5	5.9	5.0	5.4	4.9	5.6	6.3	7.0
Max 24-hr Avg	6.3	6.2	9.2	8.9	8.4	7.6	8.9	10.8	5.4	7.5	8.8	10.1	10.6	7.5	19.7	7.4	8.0	7.7	7.3	7.3	7.5	11.6	10.2
Std.Dev	1.5	1.8	2.2	1.9	2.1	2.0	2.2	2.0	1.4	1.6	1.9	2.6	2.7	1.8	4.4	1.7	1.9	1.6	1.5	1.5	1.9	2.6	2.8
Days Data	9	7	9	11	11	11	9	32	11	30	31	29	5	11	32	11	9	11	8.0	11	5	9	5
Yearly Mean	16.6	8.5	11.0	12.2	8.7	8.9	9.4	12.0	13.0	14.4	12.9	10.4	9.8	9.4	14.2	10.0	11.4	8.3	7.2	9.8	10.0	12.0	10.8