

# UTAH STATE DIVISION OF AIR QUALITY

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

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	WT	WX	WV	VX
03/01								11.5		54.6	54.3	12.3			12.2								
03/02		5.4	7.4	7.4	4.8	5.3	9.0	8.3		36.7	35.7	8.3		7.7	12.6	8.5	8.1	3.9		6.6		7.4	
03/03								10.6			50.0				14.2								
03/04								13.1		68.5	67.8				17.2								
03/05		9.1	14.5	18.8	13.8	15.6	15.8	18.5		34.5	34.2		18.0	10.8	17.1	16.7	16.4	13.5	4.5	15.3	15.6	17.8	18.4
03/06								10.9		34.9	34.2				15.2								
03/07								7.6		49.6	48.5				13.0								
03/08	61.7	4.9	4.1	6.7	3.5	5.4	5.0	5.5	47.8	71.1	70.5	6.1			14.5	6.4	10.6	5.7	7.3	5.2		8.2	
03/09								6.5			61.6	6.8			10.8								
03/10								6.5		62.0		8.1			16.9								
03/11	67.6	5.0	4.4	7.1	5.9	5.0	6.9	6.4		44.6		8.5	7.4	4.9	13.4	8.1		8.3	8.2	11.3	8.3	7.2	7.2
03/12								6.7		27.6	26.7	7.3			12.6								
03/13								2.4		3.9	3.1	2.8			3.2								
03/14	3.6	2.0	4.6	4.0	2.9	3.8	2.7	3.5	0.6	5.1	4.8	5.0		2.4	7.8	5.5	3.6	3.9	5.7	4.0		4.6	
03/15								5.0		7.8	7.7	5.5			8.3								
03/16								6.5		5.8	5.7	5.5			7.9								
03/17	3.4	5.4	7.0	6.0	6.3	6.1	6.5	6.7	3.6	4.4	4.6	6.5	6.8	5.7	11.8	6.7	5.6	5.2		7.6	7.3	7.1	6.6
03/18								4.3		7.6	7.2	5.4			7.4								
03/19								5.7		9.3	8.8	7.7			8.2								
03/20	1.6	2.0	2.1	3.7	2.5	2.9	2.8	3.4	0.5	2.0	2.1	3.6		2.5	3.5	2.8	2.7	1.9		2.5		3.8	
03/21								3.1		2.9	2.9	4.7			4.9								
03/22								3.0			3.9	4.8			7.2								
03/23		1.4	1.4	1.8	1.2	1.8	1.3	1.8	2.9				2.0	1.2	3.6	2.0	1.8	1.3		1.5	1.7	2.4	2.3
03/24								4.1			2.7	3.6			6.9								
03/25								5.4		4.4	4.4	6.7			5.4								
03/26		3.7	5.1	6.7	5.8	6.4	3.4	5.1	4.7	5.7	5.0	9.5		4.5	7.1	8.8	7.8	7.8		5.1		6.6	
03/27								4.0		5.3	5.0				5.8								
03/28								3.2		2.9	2.8	3.1											
03/29		2.4		3.6	2.8		3.4		1.5	3.4	3.2	4.7	4.3			4.1	3.6	3.3		1.4	2.4		
03/30												3.4											
03/31										3.8	4.3	10.5											

Arith Mean	27.6	4.1	5.6	6.6	4.9	5.8	5.7	6.4	8.8	22.3	20.8	5.9	7.7	5.0	10.0	7.0	6.0	5.5	6.4	6.1	7.1	7.2	8.6
Max 24-hr Avg	67.6	9.1	14.5	18.8	13.8	15.6	15.8	18.5	47.8	71.1	70.5	12.3	18.0	10.8	17.2	16.7	16.4	13.5	8.2	15.3	15.6	17.8	18.4
Std.Dev	33.9	2.3	3.9	4.7	3.6	4.0	4.3	3.7	17.3	23.7	23.4	2.7	6.1	3.1	4.4	4.1	4.8	3.6	1.7	4.4	5.6	4.4	6.9
Days Data	5	10	9	10	10	9	10	28	7	25	27	26	5	8	27	10	10	10	4.0	10	5	9	4
Yearly Mean	25.5	8.4	11.2	11.9	8.7	8.8	9.5	12.0	18.2	14.0	12.4	10.5	9.7	9.5	16.0	9.9	11.0	8.1	7.6	9.6	10.0	11.9	11.0