

# UTAH STATE DIVISION OF AIR QUALITY

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

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
10/01	5.9	8.2		5.5	5.0	2.1	8.9	4.6	4.8	6.5	7.1	4.8	6.1	2.9	4.9	5.8	7.3	5.4	9.7	3.8	8.6	7.6	7.1	4.9
10/02								6.5		2.6	4.0	6.4			6.9									
10/03										2.1	2.6	4.8												
10/04	3.7	3.5		5.6	3.0	3.5	3.2	7.7	2.8	3.8	4.1	4.5		3.7	6.3		4.7	3.5	3.5	3.2	3.5		4.4	
10/05								8.0		5.4	5.1				9.9									
10/06								9.4		6.5	6.5	8.9			16.0									
10/07	8.2	8.0	10.2	9.8	5.6	5.8	9.8	11.5	6.6	9.1	9.0	6.5	6.8	8.4		7.2	11.1	5.1	10.5	6.5	8.5	9.0	12.0	12.0
10/08								9.0		8.6	8.5	7.0			8.4									
10/09								5.9		4.0	3.8	5.9			7.8									
10/10	3.6	3.3	6.1	5.2	4.1	4.3	3.2	5.8	3.2	5.4	4.8	6.6		3.6	7.1	6.4	6.0	4.5		3.7			5.0	
10/11								6.3			7.1	7.0			9.6				6.3					
10/12								6.9		6.8	7.2	10.8			12.0									
10/13	4.2	3.8	6.3	7.0	3.5		4.8	7.3	3.4	4.1	6.1	7.7	8.2	5.3	11.1	7.0	6.9	4.6		4.3	8.5	5.5	7.3	6.8
10/14								8.6		7.3	7.4	7.4			15.0									
10/15								6.1		7.4	6.5	6.7			8.0									
10/16	5.6	4.6	5.3	6.5	4.0		4.4	5.2	4.6	5.6	5.9	5.5		3.7	5.7		7.3	4.8	5.3	4.4	6.7		5.3	
10/17								8.9		6.5	6.6	10.0			13.5									
10/18								14.3		11.5	10.3	9.4			20.9									
10/19	7.8	5.8	6.6	5.5	2.3	5.4	5.6	2.0	5.7	9.2	10.0	2.3	2.5	3.6		3.7	5.8	3.0	4.7		5.6	5.5	4.3	4.7
10/20								5.4		8.7	8.1	7.9												
10/21								8.9		7.4	7.3	9.8			5.9									
10/22	6.0	6.9	7.5	10.3	5.3	7.2	7.0	8.0	4.0	7.0	6.5	13.0		5.8		10.8		7.5	7.3	5.2	7.3		11.7	
10/23								10.8		6.2	5.8	10.9			15.0									
10/24								7.2		9.8	9.7	10.3			19.7									
10/25	7.3	9.9	7.9	7.5	5.2	4.4	9.7	13.2	7.2		11.5	6.7	6.5	7.6	12.5	6.9		4.9	9.3	5.3	7.3	8.9	9.0	7.4
10/26								6.9		7.2	6.9	7.2			9.2									
10/27								6.2		6.9	7.4	6.2			8.7									
10/28	3.8	3.7	6.2	4.8	1.9	1.7	4.3		3.4	4.1	4.6	2.7		4.7	6.0	3.5	5.2	3.6	6.9		5.0		4.4	
10/29										5.3	4.7	4.0			6.4									
10/30								8.3		4.3	4.3	5.1			6.6									
10/31	6.8	5.2	8.6	8.2		4.8	4.9	8.7	4.4	8.7	8.0	6.4	6.5	6.2	9.5	7.6	9.0	5.4	9.5		6.2	6.3		

Arith Mean	5.7	5.7	7.2	6.9	4.0	4.4	6.0	7.8	4.6	6.5	6.7	7.1	6.1	5.0	10.1	6.5	7.0	4.8	7.3	4.5	6.7	7.1	7.1	7.1
Max 24-hr Avg	8.2	9.9	10.2	10.3	5.6	7.2	9.8	14.3	7.2	11.5	11.5	13.0	8.2	8.4	20.9	10.8	11.1	7.5	10.5	6.5	8.6	9.0	12.0	12.0
Std.Dev	1.7	2.2	1.5	1.9	1.3	1.7	2.5	2.6	1.4	2.2	2.1	2.5	1.9	1.8	4.3	2.2	2.0	1.1	1.7	2.4	1.7	1.6	3.0	2.9
Days Data	11	11	9	11	10	9	11	28	11	29	31	30	6	11	26	9	9	11	10.0	8	10	6	10	5
Yearly Mean	11.7	7.8	9.1	10.0	7.5	7.7	8.4	10.3	9.9	13.4	13.1	9.8	9.2	8.7	12.9	9.3	10.4	7.8	7.2	6.4	8.8	8.8	10.5	9.8