

# UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter  
**2004**      October

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	WT	WX	WV	VX
10/01								7.8		5.6	5.8	6.0											
10/02								7.8		7.0	7.0	6.0											
10/03		5.8	18.5	7.4		4.2	6.4	6.4		6.0	6.3	5.1		5.7	15.4	5.1	7.5	4.2	6.0	6.7		6.6	
10/04								6.3		6.9	6.2	6.6											
10/05								7.6		7.5	7.1	3.8											
10/06		7.1	6.7	15.0		5.4	6.7	7.1		6.0	7.2	14.6	7.5	6.7	11.2	8.7	8.1	6.6	7.8	6.5	7.3	10.4	8.9
10/07								7.1		7.3	7.9	9.0											
10/08								7.6		8.2	8.7	6.9											
10/09		8.7	6.0	6.9		6.0	6.3	5.7		7.2	7.6	6.1		6.7	13.5	6.2	6.8	6.3	8.4	6.8		7.9	
10/10								8.1		3.3	3.2	10.7											
10/11								6.6		7.4	7.7	10.0											
10/12		5.9	10.3	10.3	5.0	10.0	7.5	9.6		7.9	8.3	11.6	11.9	7.3	14.7	14.8	9.5	8.8		8.6	9.6	10.8	10.7
10/13								4.7		5.0	5.4	6.1											
10/14								6.2		7.9	8.7	8.7											
10/15		6.0	4.9	7.2		5.0	5.2	6.5		7.5	10.0	6.1		6.0	11.3	12.9	8.6	7.0	8.6	6.7		8.0	
10/16								5.5		4.9	4.9	5.6											
10/17								6.7		6.9	7.7	6.3											
10/18		2.4		3.6	2.6	2.8	3.0	4.4		2.3	2.1	3.2	2.4	3.2	6.8	3.6	3.1	2.8	10.2	3.7	3.9	4.5	6.0
10/19								5.4		4.2	4.8												
10/20										1.5	2.4												
10/21		2.3	3.5	3.9	3.8	2.8	2.3			2.9	2.7	3.2		3.6	6.9	4.1	3.9			3.8		5.1	
10/22								8.2		5.1	5.5	0.8											
10/23								4.6		2.8	2.9	6.0											
10/24		3.7	4.8	9.0	5.2	4.0	5.1	6.7		3.4	4.0	6.3	6.7	4.2	6.4	5.3	5.1	3.4		5.0	5.6	5.8	6.1
10/25								10.9		6.5	7.4	12.1											
10/26								10.7		8.1	9.1	6.8											
10/27		2.8	4.1	4.3	3.8	7.4	3.9	4.4		5.0	5.1	3.0		3.3	9.4	3.1	4.7	3.0	3.0	3.5		4.7	
10/28								3.4		3.1	2.0	2.1											
10/29								7.3		6.7	6.3	5.0											
10/30		7.9	7.0	11.0		6.4	6.0	10.3		18.8	11.5	8.4	6.2	7.8	8.8	7.3	8.6	6.0	6.9	6.7	6.8	9.0	9.1
10/31								7.0		2.3	2.1	2.8											

Arith Mean	5.3	7.3	7.8	4.1	5.4	5.2	6.9			6.0	6.0	6.5	6.9	5.5	10.4	7.1	6.6	5.4	7.3	5.8	6.6	7.3	8.2
Max 24-hr Avg	8.7	18.5	15.0	5.2	10.0	7.5	10.9			18.8	11.5	14.6	11.9	7.8	15.4	14.8	9.5	8.8	10.2	8.6	9.6	10.8	10.7
Std.Dev	2.3	4.6	3.6	1.0	2.2	1.7	1.9			3.1	2.5	3.2	3.4	1.8	3.3	4.0	2.2	2.1	2.3	1.7	2.1	2.3	2.1
Days Data	10	9	10	5	10	10	29			31	31	29	5	10	10	10	10	9	7.0	10	5	10	5
Yearly Mean	6.1	9.3	8.7	7.9	7.7	6.8	7.2			6.9	6.0	7.8	7.6	6.2	13.3	7.2	8.3	6.0	8.2	7.5	8.2	8.5	9.0