

# UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter  
**2007**      October

Date	BR	BV	CW	HE	HG	HV	HW	RP	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	WT	WX	WV	VX	VL
10/01							4.8	4.5	5.5		3.9											4.3		
10/02							4.0	3.3	3.1		3.8													
10/03	4.5	6.8	6.0	7.5	6.4	6.0	6.6	4.7	5.1	5.6	6.6	6.5	4.3		8.2	7.1	7.3	7.3	4.3	5.4	5.4	5.8	5.5	6.5
10/04							10.4	5.9	6.5		15.4													
10/05							5.8	5.5	4.5		13.6													
10/06	2.9	2.2	4.4	3.0	2.6	1.5	5.3	2.4	2.7		2.9		3.5		3.2	3.0	2.9	3.4	2.7	2.4		3.5		5.3
10/07							6.2	4.4	3.6		3.3													
10/08							7.7	3.3	5.5		4.8													
10/09	5.2	7.2	6.3		4.8	4.9	5.8	8.8	5.5	6.1	4.3	4.5	5.9		5.1	6.6	4.1	6.3	4.3	4.4	3.5	5.4	5.4	6.8
10/10							8.8	9.0	6.2															
10/11							14.4	12.5	7.8		11.7													
10/12	8.2	12.4	16.0	11.4	9.9	10.3	16.3	16.8	11.5		5.4				9.9	11.3	11.7		8.3	10.3		17.5		9.6
10/13							9.1	9.5	5.8		7.0													
10/14							8.9	11.0	5.2		10.1													
10/15	6.3	6.1		5.6	5.9	6.8	7.0	8.0	6.5	7.2	9.7		6.5		7.6	8.5	9.9		5.9	7.0		8.2		8.4
10/16							4.8	5.2	6.9		4.3													
10/17							3.6	3.2	0.9		2.5													
10/18	2.3	3.0	7.0	1.7	2.2		3.2	3.0	2.7		2.0				3.8	3.7	3.3	3.8	2.2			3.2		3.6
10/19						3.8	3.4	2.9	2.5		2.8										2.7			
10/20							3.7	2.9	2.0		2.5													
10/21	1.6	2.3		1.6	4.1		2.7	2.8	2.5	1.9	3.5	4.5			4.0	2.5	3.0	2.5	1.2	2.0		3.7	3.7	0.8
10/22						3.8	6.1	5.9	6.2		5.8													
10/23							11.7	14.9	7.6		12.9													
10/24	9.3	15.5	4.7	8.8	6.9	14.4	19.0	23.0	10.5		10.8				8.6	13.7	7.1	7.5	8.0	11.0				6.5
10/25							16.8	29.5	13.3														25.5	
10/26							17.2	21.2	15.5															
10/27	12.2	23.7	16.0	23.1	18.2	18.0		29.8	13.5	13.0	19.3	21.3	26.5		23.6	16.7	19.0		18.0	13.0		32.5	32.5	6.3
10/28								35.4	15.4		20.1													
10/29								29.0	16.6		10.9													
10/30	6.5	5.7	28.2	4.0	6.6	5.6	5.7	6.5	9.0		4.2		6.4		4.8	7.1	6.0			6.2		5.9		8.8
10/31							8.7	9.2	6.8		10.7													

Arith Mean	5.9	8.5	11.1	7.4	6.8	7.5	8.1	10.8	7.0	6.8	7.7	9.2	8.8		7.9	8.0	7.4	5.1	6.1	6.4	4.4	10.5	11.8	6.3
Max 24-hr Avg	12.2	23.7	28.2	23.1	18.2	18.0	19.0	35.4	16.6	13.0	20.1	21.3	26.5		23.6	16.7	19.0	7.5	18.0	13.0	5.4	32.5	32.5	9.6
Std.Dev	3.3	6.8	8.4	6.8	4.6	5.2	4.7	9.5	4.3	4.0	5.1	8.1	8.7		6.0	4.7	5.1	3.9	2.2	3.9	1.4	10.1	13.8	2.6
Days Data	10	10	8	9	10	10	28	31	31	5	29	4	6		10	10	10	6.0	9	10	2	11	4	10
Yearly Mean	9.2	12.4	12.8	8.5	11.1	10.7	12.5	10.5	9.8	11.1	13.1	11.0	9.3	16.3	11.7	12.1	11.8	7.9	7.1	10.2	10.3	12.3	12.5	10.5