

# UTAH STATE DIVISION OF AIR QUALITY

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

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	WT	WX	WV	VX
08/01		14.2	16.8	18.5	18.8	21.8	11.5	14.3		9.6	7.8	20.7	20.4	13.6	20.7	17.5	14.5	19.5	7.3	13.7	14.0	22.3	23.3
08/02								5.5		6.2	4.7	6.9											
08/03								5.0		5.8	5.4	4.7											
08/04		6.0	12.6	6.0	10.7	11.4	6.3	5.5		5.9	5.4	5.1		4.7	12.5	5.9	6.4	4.2	7.0	5.9		5.2	
08/05								4.4		5.0	4.3	3.9											
08/06								4.0		6.3	5.7	4.2											
08/07		4.6	10.3	7.8	5.2	7.9	5.2	5.1		5.2	4.3	5.5	5.4	6.3	9.2	4.1	6.1	4.4	4.2	5.9	5.9	9.2	7.7
08/08								4.1		3.9	3.3	4.5											
08/09								5.8		4.5	4.5	6.2											
08/10		6.5	11.1	7.5	5.7	8.3	6.6	6.5		6.5	6.2	6.5		5.8	14.3	6.8	7.9	5.9	9.5	7.0		7.7	
08/11								7.8		8.4	8.4	7.4											
08/12								7.4		7.9	7.0	8.8											
08/13		8.5	11.3	9.4	7.4	9.8	7.5	8.0		8.9	8.2	8.6	7.5	7.7	15.9	8.6	10.0	7.5	5.6	8.9	8.6	9.9	9.7
08/14								7.8		9.6	8.6	10.4											
08/15								8.9		10.4	8.4	10.0											
08/16		10.0	13.4	9.5	8.0	8.7	9.8	10.0		13.5	8.9	7.3		8.4	13.9		10.1	7.0	4.8	9.7		8.6	
08/17								4.8		9.0	7.2	4.3											
08/18										7.2	5.0	5.0											
08/19		10.9	9.2	7.9	12.4	7.5	9.7	4.4		9.7		7.1	7.7	7.1	11.4		10.6	5.9	6.4	10.4	10.1	8.8	8.6
08/20								7.8		11.1	10.5	10.3											
08/21								10.8		7.4	7.6	6.2											
08/22		5.1	6.9	4.7	7.8	5.4	4.7	5.1		4.8	4.7	4.6		4.0	7.3	4.9	5.9	3.3	2.8	4.8		4.6	
08/23								5.3		20.0	2.7	5.1											
08/24								4.2		4.2	4.2	4.2											
08/25		0.4	9.3	4.4	8.4	5.2	4.2	5.3		4.6	4.0	4.7	5.1	3.9	8.5	5.2	5.6	5.6		6.7	4.9	4.8	4.5
08/26								3.3		2.6	2.8	4.2											
08/27								3.5		2.8	2.9	4.3											
08/28		6.0	7.3	6.9	7.8	5.0	4.2	5.0		4.1	4.5	5.0		4.7	10.3	6.6	5.2	4.1		4.0		7.0	
08/29								4.4		4.2	3.5	5.3											
08/30								5.6		4.9	4.9	6.3											
08/31		4.8	9.5	7.1	7.7	6.2	4.7	6.2		5.8	5.4	7.8	7.8	5.8	17.2	5.9	6.8	5.9		5.0	4.6	8.0	7.7

Arith Mean	7.0	10.7	8.1	9.1	8.8	6.8	6.3		7.1	5.7	6.6	9.0	6.5	12.8	7.3	8.1	6.7	5.9	7.5	8.0	8.7	10.2
Max 24-hr Avg	14.2	16.8	18.5	18.8	21.8	11.5	14.3		20.0	10.5	20.7	20.4	13.6	20.7	17.5	14.5	19.5	9.5	13.7	14.0	22.3	23.3
Std.Dev	3.7	2.8	3.8	3.8	4.8	2.5	2.4		3.5	2.1	3.2	5.7	2.8	4.1	4.0	2.9	4.5	2.1	2.9	3.6	4.9	6.6
Days Data	11	11	11	11	11	11	31		31	30	31	6	11	11	9	11	11	8.0	11	6	11	6
Yearly Mean	6.7	10.3	9.2	7.7	9.4	6.9	7.5		7.8	6.2	9.9	8.9	6.6	13.9	7.4	9.8	6.9	6.8	8.6	8.1	10.0	10.5