

UTAH STATE DIVISION OF AIR QUALITY

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

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	WT	WX	VV	VX
08/01								1.7		6.7	6.8	8.9			8.9									
08/02	5.7	5.2	8.2	6.7	6.0	7.0	5.6	8.6	4.9	5.6	5.6	5.8	6.2	7.4	9.8	6.4	8.1		6.9	5.0	5.8	6.0	6.3	
08/03								6.8		5.0	4.6				12.1									
08/04								10.0		5.6	5.5	6.9			12.3									
08/05	6.7	6.1	8.1	7.9	6.5	6.5	6.5	7.0	5.4	7.4	7.7	8.0		7.3	12.2	7.9	9.4		5.0	6.1	6.3		7.7	8.2
08/06											8.8	7.7			9.5									
08/07								10.5			8.3	7.2			11.1									
08/08	9.0	8.0	9.2	8.9	7.1	8.9	7.7	11.3	7.8		8.2	9.5	9.4	6.1	10.6	7.6	10.1			7.1	7.4	7.6	7.5	7.8
08/09								7.8			7.8	7.8			8.2									
08/10								15.8			6.5				10.2									
08/11	5.7	6.6	6.0	4.9	6.0		5.2	13.2	5.5		7.0	8.0		5.1	10.6	6.0	7.5	6.7	4.8	3.9			8.0	
08/12								11.3			4.5	7.3												
08/13								11.2			8.1	8.0												
08/14	8.8	12.1	12.2	13.2	10.9	8.5	9.5	15.2	9.2		10.3	8.6	10.1	10.9	14.8	8.2	12.3	5.9	5.0	9.8	10.7	9.5	12.1	12.3
08/15								11.0			8.6	6.5			11.2									
08/16								4.1				5.4			6.4									
08/17		4.0	5.0	5.0	5.1	3.0	3.8	6.5	4.1					4.1	7.0	5.7	6.4	4.0		3.7	4.6		5.9	
08/18								5.7		5.4	4.3				8.0									
08/19								7.8		8.6	6.0	7.4			10.0									
08/20	7.5	6.2	7.5	7.9	5.9	6.7	5.6	6.0	6.0	7.6	8.5	9.0	10.0	6.0	10.6	7.0	8.1	5.4		5.3	7.1		8.5	8.2
08/21								7.5			7.0	6.5			9.7									
08/22								7.0		7.1	7.0	7.5			11.1									
08/23	5.6	7.0	7.1	6.7		6.1	5.6	6.8	6.0	7.2	6.3	7.7		4.9	10.9	6.9	7.3	6.9	7.3	5.1	6.3		9.0	
08/24								8.6		8.1	8.2				9.6									
08/25								8.9			8.0	8.1												
08/26	6.2	8.1	7.0	9.3		8.1		9.1	6.3	9.0	8.5	12.7	10.8	11.2	14.1	9.2		7.2	6.7	6.4	7.2	7.5	11.9	10.5
08/27								8.9			8.2	7.9			13.2									
08/28								8.2			7.4	5.6			11.0									
08/29	6.5	7.5	6.8	6.0			7.3	7.7	7.3			6.1		5.9	11.5	6.8	9.3	6.5	7.5	5.4	6.9		7.5	
08/30								7.2		0.9	6.1	5.2			8.4									
08/31								8.7		7.3	9.0	7.2			13.8									

Arith Mean	6.9	7.1	7.7	7.6	6.8	6.8	6.3	8.7	6.3	6.5	7.2	7.5	9.3	6.9	10.6	7.2	8.7	6.1	6.2	5.8	6.9	7.7	8.4	9.4
Max 24-hr Avg	9.0	12.1	12.2	13.2	10.9	8.9	9.5	15.8	9.2	9.0	10.3	12.7	10.8	11.2	14.8	9.2	12.3	7.2	7.5	9.8	10.7	9.5	12.1	12.3
Std.Dev	1.3	2.2	2.0	2.5	1.9	1.9	1.7	3.0	1.5	2.0	1.5	1.5	1.8	2.4	2.0	1.1	1.8	1.8	1.7	1.2	1.7	1.4	2.1	1.9
Days Data	9	10	10	10	7	8	9	30	10	14	28	27	5	10	28	10	9	7	7.0	10	9	4	10	5
Yearly Mean	13.3	8.8	10.7	12.5	8.7	8.8	9.6	12.3	10.9	14.3	13.6	10.8	10.5	9.9	14.0	10.7	11.7	8.5	7.3	7.2	9.9	10.1	12.5	11.4