

# UTAH STATE DIVISION OF AIR QUALITY

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

2009 August

Date	BR	BV	CW	HE	HG	HV	HW	RP	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	RX	WX	WV	VX	VL
08/01			9.8				7.0	10.2	9.7		7.9				8.9	8.8								
08/02			9.2		6.3	8.8	7.5	8.7	9.0		7.2		8.3		7.2	7.1	8.7		6.5					
08/03	6.2		6.9				6.4	6.4			5.7				6.2	6.9								
08/04			6.2				4.9	6.5			5.8				4.7	6.7								
08/05	9.2	8.5	8.0		5.6	6.5	8.8	7.5	8.5	7.9	6.7	7.5	7.2		7.7	14.0	6.7		4.5	8.0				
08/06			30.1				36.1	25.9	19.7		29.7				27.0	32.2								
08/07			17.6				17.7	9.9	12.3		20.4				21.2	15.9								
08/08	5.5	4.7	6.4		4.0	5.5	7.3	5.2	5.5		5.8		4.3		6.6	5.1	7.7		4.5					
08/09			5.5				4.5	5.0	5.7		4.0				4.3	5.3								
08/10			8.1				7.7	12.5	7.0		7.3				7.2	7.2								
08/11	6.9	8.9	11.2		7.3	7.8	9.3		8.9	7.4	7.5	8.0	9.5		7.4	9.0	6.6			9.8				
08/12			7.2				7.0	7.8	8.5		6.3				7.2	10.1								
08/13			5.8				6.3	6.3	9.0		6.4				7.4	7.4								
08/14	7.4		9.8		6.9	11.5	8.5		9.4		7.1		7.4		7.6		7.8		7.9					
08/15			6.5				5.8	5.6	6.4		5.6				6.5									
08/16			5.4				4.3	4.8	5.2		4.5				4.8									
08/17	3.5		6.2		3.8	5.2	6.0	6.0	5.5	4.5		5.0	4.2		5.6		4.6		3.7	5.9				
08/18			5.9				5.0	6.2	6.3						7.5	7.3								
08/19			6.9				6.5	7.1	8.4		5.4				6.2	7.3								
08/20	9.8	9.2	9.7		6.5	9.7	9.2	10.6	10.1		7.3		7.8		7.5	9.7	6.1		6.9					
08/21			9.1				9.6	10.7	10.1		6.4				7.0	10.3								
08/22			9.2				9.8	9.3	10.3		8.9				9.7	10.8								
08/23	8.3	6.8	6.8		7.2	8.1	7.3	9.0	8.0	7.0	7.8	8.2	7.8		8.5		9.2		5.7	7.9				
08/24			5.2				5.6	5.5	5.0		3.5				4.0	7.6								
08/25			5.3				5.5	6.4	6.0		3.8				4.2	8.2								
08/26	6.3	6.5	6.6		4.8	5.8	6.0	7.3	6.2		6.5		6.3		6.4		5.7		4.5					
08/27			8.2				8.2	9.2	6.8		7.6				6.8									
08/28			9.3				7.4	11.7	8.9		7.5				8.6									
08/29	7.6	8.4	10.4		6.4	8.4	8.3	10.3	9.9	9.8	8.0	8.3	8.1		8.2		7.8		6.1	10.8				
08/30			15.0				16.9	14.5	9.3		14.9				15.6									
08/31			12.4				16.2	12.3	8.3		23.2				23.5									

Arith Mean	7.1	7.6	9.0		5.9	7.7	8.9	8.9	8.4	7.3	8.6	7.4	7.1		8.7	9.9	7.1		5.6	8.5				
Max 24-hr Avg	9.8	9.2	30.1		7.3	11.5	36.1	25.9	19.7	9.8	29.7	8.3	9.5		27.0	32.2	9.2		7.9	10.8				
Std.Dev	1.8	1.6	4.8		1.3	2.0	6.0	4.1	2.9	1.9	6.0	1.4	1.7		5.5	5.9	1.4	1.9		1.9				
Days Data	10	7	31		10	10	31	29	29	5	29	5	10		31	20	10		9	5				
Yearly Mean	8.8	10.3	11.2		8.8	8.7	11.8	11.3	11.8	10.6	12.2	11.4	8.4		11.8	10.8	10.1		7.1	10.7				