

# UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter  
**2008**      December

Date	BR	BV	CW	HE	HG	HV	HW	RP	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	RX	WX	VV	VX	VL
12/01			8.4				6.5	7.4	9.0		8.4				6.1	9.3								
12/02	3.2	3.6	3.4		2.2	6.8	14.1	2.8	5.7		4.5	4.2	2.3		4.8	5.1	3.0		1.6	3.3				
12/03			4.8				19.1	3.4	2.9		4.0				3.7	2.9								
12/04			6.4				6.5	4.6	3.2		7.2				5.6	4.9								
12/05	6.7	11.3	12.1		8.2	8.0	12.2	12.9	8.5		14.1		7.2		10.7	10.8	8.5		5.8					
12/06			15.8				16.8	17.4	9.5		13.5				12.4	14.2								
12/07			22.0				23.2	24.2	10.6		12.5				10.2	17.4								
12/08	11.3	11.9	14.3		6.6		12.9	13.8	6.9	7.4	8.6	8.7	11.8		7.5	12.7	5.9			13.7				
12/09			9.1				5.8	7.9	6.0		8.0				8.3	7.2			6.8					
12/10			13.6				13.4	16.2	9.2		12.8				11.1	12.9								
12/11	10.0	14.1	20.1		10.8		19.2	22.2	12.6		14.5		14.6		12.2	12.8	8.4		10.7					
12/12			19.7				22.2	23.0	13.2		12.4				15.1	20.2								
12/13			9.4				8.9	8.5	8.5						4.3	5.1								
12/14	2.0	2.3	4.3		3.3		4.0	3.8	2.5	2.7	3.7	4.6	2.3		4.1	3.5	3.2		1.6	3.9				
12/15			3.2				3.6	3.5	7.2		5.8				4.6	3.8								
12/16			9.6				6.9	8.1	10.3		5.9				4.9	6.7								
12/17		14.2	15.2		6.4	16.3	14.0	16.8	14.0		14.0		11.6		10.7	10.7	9.3		5.2					
12/18			15.2				14.4	14.0	22.9		12.2				14.5	13.5								
12/19			2.3				3.5	3.3	2.5		2.5				3.6	3.5								
12/20		6.4	7.6		8.3	5.5	10.5	7.4	4.0	4.5	8.2	7.6	3.9		5.7	5.3	6.3		2.1	7.3				
12/21			15.9				14.3	12.1	12.8		13.9				12.5	15.7								
12/22			1.6				3.5	2.6	6.3		2.6				5.3	4.6								
12/23	2.8	3.3	7.3		9.2	4.4		5.7	6.1		11.2		3.7		9.7	4.0	8.5		5.0					
12/24			6.4				6.5	7.2	8.6		12.2				11.9	8.1								
12/25			0.8				0.8	0.7	0.8		2.3				3.3	1.0								
12/26	3.2	4.0	5.5		4.3	3.9	4.2	4.5	8.0	8.2	5.5		2.6		4.5	5.3	3.4		2.4	4.8				
12/27			10.7				8.6	7.7	9.8		8.4				7.6	7.6								
12/28			14.9				12.6	10.1	15.5		15.5				10.2	10.6								
12/29		19.3	15.9				14.9	14.2					16.3		16.7		3.2		6.3					
12/30			18.0				24.5																	
12/31																								

Arith Mean	5.6	9.1	10.5		6.6	7.5	11.3	9.9	8.3	5.7	9.1	6.3	7.6		8.3	8.6	6.0		4.8	6.6				
Max 24-hr Avg	11.3	19.3	22.0		10.8	16.3	24.5	24.2	22.9	8.2	15.5	8.7	16.3		16.7	20.2	9.3		10.7	13.7				
Std.Dev	3.8	5.9	6.0		2.9	4.6	6.5	6.5	4.7	2.6	4.2	2.2	5.5		3.9	4.9	2.9	4.3		4.3				
Days Data	7	10	30		9	6	29	29	29	4	27	4	10		29	28	10		10	5				
Yearly Mean	8.3	10.7	11.0	7.7	8.0	9.0	11.2	11.9	10.4	10.0	10.6	9.5	8.1		10.4	10.6	8.4		6.6	9.4	10.0	12.3	12.6	