

# UTAH STATE DIVISION OF AIR QUALITY

PM2.5 Actual Concentration (24-hr average) in Micrograms per Cubic Meter  
2009 December

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
12/01			13.3				14.1		7.6		12.6				10.8	13.2								
12/02			9.5				7.4		4.8		8.5				9.0	7.1								
12/03	2.8	9.3	9.3		4.1	4.8	8.4		7.6	7.8	5.8	6.0	3.7		6.2	8.9	6.1		4.7	10.5				
12/04			11.6				11.0	8.9	11.3		7.1				7.4	11.3								
12/05			13.8				10.6	9.6	9.9		7.7				7.3	11.9								
12/06	4.5	10.6	9.0		7.7	7.1	8.3	10.0	5.2		8.5		9.5	7.7	6.5	6.3		6.8						
12/07			9.2					9.3	6.5		11.9				7.7	5.5								
12/08			10.4					9.5	10.8		10.3				8.1	8.3								
12/09	10.8	13.5	20.1		15.0	10.5		14.2	16.0	16.1	19.2	20.0	12.4		14.2	13.8	14.1		6.8	13.7				
12/10			24.5						24.2		23.3				20.8	21.3								
12/11			35.5				32.1		37.0		28.0				23.9	24.2								
12/12	27.0	28.2	21.2		6.7	18.2	19.9		34.7		6.0		20.2	9.7	26.5	4.9								
12/13			8.1				10.6		11.8		3.7				3.0	5.2								
12/14			8.4				7.7	6.1	4.0		5.0				5.3	7.5								
12/15	9.6	9.7	10.4		4.9	8.7	8.3	8.9	19.7	19.4	9.5	9.6	6.2		8.2	9.8	2.7		5.3	8.9				
12/16			21.9				22.1	22.2	27.1		13.0				11.0	18.4								
12/17			35.7				33.3	34.2	29.5		18.7				15.6	34.2								
12/18	30.4	38.0	42.8		25.1	32.7	37.0	44.5	26.6		28.0		30.6		22.8	35.4	17.7		19.3					
12/19			41.0				30.1	33.7	23.1		31.1				26.2	26.8								
12/20			40.3				39.8	36.4	31.5		28.1				29.8	31.7								
12/21	30.8	14.2	49.5		14.6	29.5	44.1		37.2	37.5	24.7	25.0	27.6		19.8	35.5	14.9		20.0	41.5				
12/22			29.8				27.2		37.4		13.8				10.5	25.1								
12/23			6.8				6.6		3.3		10.2				8.5	9.5								
12/24	10.8	35.5	21.0		11.7	12.7	15.6		12.0		11.3		13.0		8.0	14.4	7.0		8.5					
12/25			32.3				28.8		16.8		19.0				13.8	23.9								
12/26			33.0				28.4		23.7		24.9				21.5	23.4								
12/27	25.6	44.1	46.3		34.5	30.2	36.9		35.5	36.6	34.5	36.1	34.9		29.2	30.0	27.2		26.0	32.3				
12/28			51.8				42.6		41.7		48.5				42.3	35.6								
12/29			53.2				45.4	43.4	51.4		61.3				57.3	42.1								
12/30	35.5				25.4	37.5	43.8	25.3	49.4		34.1		32.0		34.8	39.2	43.3		23.5					
12/31			23.5				21.3		17.1		22.2				21.5	17.9								

Arith Mean	18.8	22.6	24.8		15.0	19.2	23.8	21.1	21.8	23.5	19.1	19.3	19.0		16.8	20.1	14.4		13.4	21.4				
Max 24-hr Avg	35.5	44.1	53.2		34.5	37.5	45.4	44.5	51.4	37.5	61.3	36.1	34.9		57.3	42.1	43.3		26.0	41.5				
Std.Dev	12.2	13.9	15.0		10.2	12.1	13.5	14.0	13.9	13.1	13.3	12.1	11.5		12.2	11.3	8.6	14.7		14.7				
Days Data	10	9	30		10	10	27	15	31	5	31	5	10		31	31	10		9	5				
Yearly Mean	7.6	8.7	10.3		7.1	8.1	10.4	8.9	9.0	8.4	9.2	8.5	7.9		9.1	9.9	7.5		6.7	10.1				