

# UTAH STATE DIVISION OF AIR QUALITY

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

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
01/01	25.6	28.1	37.9		21.7		30.5	22.7	21.5	22.7	47.2	47.0	15.5		37.8	21.0	30.8		3.9	22.7				
01/02			3.5				4.5	2.5	1.2		3.3				7.0	2.3								
01/03			6.4				2.5	4.0	2.4		3.3				3.8	3.8								
01/04	4.6	9.6	17.3		8.6		12.0		9.2		15.0		9.3		10.4	7.7								
01/05			19.3				18.8		19.0		19.5				14.2	13.0								
01/06			20.8				20.8		27.1		19.3				17.7	27.9								
01/07	3.9	14.6	12.9		12.1	7.9	14.7	9.1	11.3	8.5	34.2	33.9	6.6		24.2	16.5	24.7		2.8	9.1				
01/08			12.2				12.5	9.5	10.0		35.9				30.8	8.3								
01/09			6.5				6.5	5.6	4.6		5.1				5.5	5.5								
01/10	20.6	16.0	15.6		17.8	18.7	16.5	14.9	16.2		24.8		10.2		20.3	19.7	20.5		4.5					
01/11			18.7				18.5	14.5	21.8		30.5				23.9	18.8								
01/12			22.2				22.5	18.0	19.3		32.5	26.5				25.4								
01/13	12.4		16.7		15.1	11.5	15.8	12.1	14.8	14.9	26.7		7.8			12.7	33.1		12.7	12.0				
01/14			16.5				16.5	21.2	21.7		31.5				27.1	20.6								
01/15			29.8				31.8	34.3	30.6		36.3				31.7	20.9								
01/16	27.4	25.0	33.9		31.8	27.3	37.3	39.5	34.9		45.0		31.4		38.2	25.0	40.0		20.6					
01/17			47.0				47.4	43.7	36.2		49.5				45.8	32.0								
01/18			51.4				55.6	58.7	35.2		50.4				52.3	33.7								
01/19	38.8	55.9	64.1		58.2	41.6	69.1	64.0	41.5	42.7	64.1	63.8	52.2		56.7	41.8	59.2		33.2	63.9				
01/20			65.7				70.1	62.9	48.0		75.7				72.8	37.5								
01/21		53.4	74.1				67.0	52.3	58.5		80.3				69.4	45.7								
01/22	48.4		72.7		53.0	51.1	72.1	64.3	69.0		72.5		69.0		78.5	56.4	77.4		67.1					
01/23		43.6	48.0				51.5	51.2	44.0		17.5				15.0	48.8								
01/24			12.8				13.7	11.3	14.3		12.9				14.1	18.0								
01/25	3.6	5.6	4.7		1.9	3.2	5.3	3.5	5.8	6.5	3.3	2.8	2.4		3.0	3.6			2.1	4.2				
01/26			5.1				5.3	3.8	5.5		7.4				5.6	4.9								
01/27			10.1				9.5	7.2	10.0		8.7				6.8	8.2								
01/28	5.9	10.3	12.5		8.3	8.1	12.5	11.9	7.4		14.8		5.6		12.5	10.5	11.7		4.3					
01/29			13.7				10.5	14.3	8.3		20.2				20.0	13.4								
01/30			18.5				18.1	22.1	18.9		29.3				22.0	18.6								
01/31	28.5	22.2	23.7		22.3	30.7	26.1	27.5	28.9	28.9	33.6	33.0	19.5		26.9	25.1	28.7		10.1	27.7				

Arith Mean	20.0	25.8	26.3		22.8	22.2	26.3	25.2	22.5	20.7	30.7	34.5	20.9		27.4	20.9	36.2		16.2	23.2				
Max 24-hr Avg	48.4	55.9	74.1		58.2	51.1	72.1	64.3	69.0	42.7	80.3	63.8	69.0		78.5	56.4	77.4		67.1	63.9				
Std.Dev	15.3	17.7	20.9		18.1	16.6	21.5	20.8	16.9	13.7	21.6	20.4	21.5		21.3	14.2	20.4	21.7		21.7				
Days Data	11	11	31		11	9	31	28	31	6	31	6	11		29	31	9		10	6				
Yearly Mean	8.8	11.6	12.1	9.1	9.4	9.2	12.3	12.7	9.7	8.6	12.4	11.8	9.0		11.9	11.1	10.4		7.5	11.5	6.2	9.8	7.6	