

# UTAH STATE DIVISION OF AIR QUALITY

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

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
09/01	7.9	7.4		8.2		7.2	7.9	9.9	9.9	9.7	8.0	7.7	11.2	7.8	17.8	7.5	9.5	7.0	8.7	5.8	8.4	7.8	12.2	9.4
09/02								9.3		8.0	8.5	12.6			11.5									
09/03								6.5		5.7	6.1	9.5			8.5									
09/04	4.3	5.5	5.8	5.4	6.1	4.1	6.2	6.7	5.4	5.4	5.3	6.0			13.0	5.1	6.6	4.0	5.8	5.1			5.5	
09/05								7.1		7.8	7.6	7.2			13.2									
09/06								9.1		8.1	7.1	7.2			21.6									
09/07	3.0	6.9		4.4	5.3	5.6	7.7	8.5	7.7		7.3	11.1	9.0		11.2	8.7	8.0	5.8	4.9		8.7	8.4	7.5	6.7
09/08								6.7			7.8	14.0			10.3									
09/09								7.2		5.5	5.1	7.4			8.3									
09/10	6.5	11.5	22.8	12.5	17.3	8.0	14.3	23.3	12.2	7.8	8.2	7.5		23.3	23.3	5.6	13.0	5.6	6.9	13.5	14.8		24.6	
09/11								5.1		3.9	3.8	5.0			7.8									
09/12								4.1		4.3	3.9	6.0			9.1									
09/13	3.2	4.4		5.0	4.4	4.2	4.0	9.3	5.0	4.7	5.4	7.2	5.6	4.5	11.7	6.1	5.6	5.3	7.8	7.5	5.9	6.4	13.3	11.4
09/14								6.5		4.2	4.1	7.3			13.8									
09/15								6.8		5.2	5.2	7.1			10.1									
09/16	4.4	5.8		5.8	5.7	6.2	6.0	11.8	7.0	7.2	6.7	6.9		6.3	7.5	7.5	6.2	7.0	15.3	5.3	6.5		6.3	
09/17								10.3		5.4	5.3	7.8			7.2									
09/18								7.2		4.9	5.0	6.1			6.1									
09/19	4.5	6.4		8.2	7.3	7.0	6.2	9.8	6.8	5.1	5.3	5.0	7.8	21.0	13.5	8.6	8.3	6.6	17.8	5.9	7.1	7.2	9.2	8.6
09/20								11.3		7.0	7.1	9.4			12.8									
09/21								7.1		3.8	4.4	7.8			10.2									
09/22	5.5	5.8		6.7	5.8	5.1	5.4	7.1	4.8	5.7	6.0	5.7		6.8	9.7	5.7	7.3	5.8		5.6	7.3		9.4	
09/23								8.1		6.0	6.7	5.3			7.9				5.7					
09/24								6.5		4.2	4.4	6.2			7.1									
09/25	3.1	2.8		6.0	4.9	4.4	3.3	4.2	3.2	4.4	4.3	5.5	6.2	3.9	4.7	5.4	5.5	5.5	5.0	4.0	6.7	7.3	4.3	4.9
09/26								7.9		5.5	6.2	9.0			11.3									
09/27								9.1		7.3	7.1	6.2			12.7									
09/28	4.9	3.9		7.0	4.8	5.6	5.1	6.7	4.0	6.2	6.5	7.2		5.1	7.4	7.0	7.3	5.9	7.0		6.0		6.6	
09/29								8.2		7.2	7.0	9.9			13.0									
09/30								8.2		8.1	8.3	8.0												

Arith Mean	4.7	5.9	14.3	6.9	6.8	5.7	6.6	8.3	6.6	6.0	6.1	7.6	8.0	9.8	11.1	6.7	7.7	5.8	8.5	6.6	7.9	7.4	9.9	8.2
Max 24-hr Avg	7.9	11.5	22.8	12.5	17.3	8.0	14.3	23.3	12.2	9.7	8.5	14.0	11.2	23.3	23.3	8.7	13.0	7.0	17.8	13.5	14.8	8.4	24.6	11.4
Std.Dev	1.6	2.3	12.0	2.3	4.0	1.4	3.1	3.4	2.8	1.6	1.4	2.1	2.3	7.7	4.2	1.3	2.2	2.9	2.8	4.4	2.8	0.7	5.9	2.5
Days Data	10	11	2	10	9	10	10	30	10	28	30	30	5	8	29	10	10	10	10.0	8	9	5	10	5
Yearly Mean	12.5	8.1	9.3	10.5	8.0	8.1	8.7	10.7	10.7	14.3	14.1	10.2	9.7	9.1	13.2	9.7	10.7	8.2	7.2	7.0	9.1	9.0	11.0	10.1