UTAH STATE DIVISION OF AIR QUALITY

47mm Partisol: PM10 Concentration Adjusted to Sea Level (24-hr average) in Micrograms per Cubic Meter

2005 August

Date	Cottonwood	Hawthorn	Lindon	Logan 4	Magna(W)	Moab	NProvo	NProvo-X	NSL	NSL-X	Ogden2
08/01		16	39						30		28
08/02	43	21	27	14	30		21	22	37	41	20
08/03		18	42						35		20
08/04		14	33						46		22
08/05	36	2	33	23	22		21		36		23
08/06			31						24		25
08/07		20	28						26		27
08/08	32	23	43	24	22		22	23	32	32	27
08/09		22	28						25		23
08/10		20	33						39		22
08/11	24	13	36	19	21		19		41		18
08/12		36	29						47		24
08/13		16	34						31		25
08/14	38	21	28	19	25		21	21	33	34	26
08/15		28	29						77		26
08/16		14	52						22		13
08/17	20	15	17		15		18		26		15
08/18		16	19						22		12
08/19		19	25						38		12
08/20	25	18	28	18	21			21	31	35	21
08/21		19	18				20		24		18
08/22		21	28						45		
08/23	26	9	28	21	21		20		42		21
08/24		13	25						35		24
08/25		19	27								30
08/26	28	15	38	26	24		25	22	64	69	27
08/27		18	31						63		26
08/28		12	19						29		24
08/29	32	14	26	29	33				44		30
08/30		28	45						46		46
08/31		23	40						44		35
Arith Mean	30	18	31	21	24		21	22	38	42	24
Max 24-hr Avg	43	36	52	29	33		25	23	77	69	46
Std. Dev	7	6	8	4	5		2	1	13	15	7
Days of Data	10	30	32	9	10		9	5	30	5	30
Days >150											
Yearly Avg	27	24	25	25	22		21	21	36	41	24

UTAH STATE DIVISION OF AIR QUALITY

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

2005 August

Date	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	WT	WX	WV	VX
08/01								1.7		6.7	6.8	8.9			8.9									
08/02	5.7	5.2	8.2	6.7	6.0	7.0	5.6	8.6	4.9	5.6	5.6	5.8	6.2	7.4	9.8	6.4	8.1		6.9	5.0	5.8	6.0	6.3	
08/03								6.8		5.0	4.6				12.1									
08/04								10.0		5.6	5.5	6.9			12.3									
08/05	6.7	6.1	8.1	7.9	6.5	6.5	6.5	7.0	5.4	7.4	7.7	8.0		7.3	12.2	7.9	9.4		5.0	6.1	6.3		7.7	8.2
08/06											8.8	7.7			9.5									
08/07								10.5			8.3	7.2			11.1									
08/08	9.0	8.0	9.2	8.9	7.1	8.9	7.7	11.3	7.8		8.2	9.5	9.4	6.1	10.6	7.6	10.1			7.1	7.4	7.6	7.5	7.8
08/09								7.8			7.8	7.8			8.2									
08/10								15.8			6.5				10.2									
08/11	5.7	6.6	6.0	4.9	6.0		5.2	13.2	5.5		7.0	8.0		5.1	10.6	6.0	7.5	6.7	4.8	3.9			8.0	
08/12								11.3			4.5	7.3												
08/13								11.2			8.1	8.0												
08/14	8.8	12.1	12.2	13.2	10.9	8.5	9.5	15.2	9.2		10.3	8.6	10.1	10.9	14.8	8.2	12.3	5.9	5.0	9.8	10.7	9.5	12.1	12.3
08/15								11.0			8.6	6.5			11.2									
08/16								4.1				5.4			6.4									
08/17		4.0	5.0	5.0	5.1	3.0	3.8	6.5	4.1					4.1	7.0	5.7	6.4	4.0		3.7	4.6		5.9	
08/18								5.7		5.4	4.3				8.0									
08/19								7.8		8.6	6.0	7.4			10.0									
08/20	7.5	6.2	7.5	7.9	5.9	6.7	5.6	6.0	6.0	7.6	8.5	9.0	10.0	6.0	10.6	7.0	8.1	5.4		5.3	7.1		8.5	8.2
08/21								7.5			7.0	6.5			9.7									
08/22								7.0		7.1	7.0	7.5			11.1									
08/23	5.6	7.0	7.1	6.7		6.1	5.6	6.8	6.0	7.2	6.3	7.7		4.9	10.9	6.9	7.3	6.9	7.3	5.1	6.3		9.0	
08/24								8.6		8.1	8.2				9.6									
08/25								8.9			8.0	8.1												
08/26	6.2	8.1	7.0	9.3		8.1		9.1	6.3	9.0	8.5	12.7	10.8	11.2	14.1	9.2		7.2	6.7	6.4	7.2	7.5	11.9	10.5
08/27								8.9			8.2	7.9			13.2									
08/28								8.2			7.4	5.6			11.0									
08/29	6.5	7.5	6.8	6.0			7.3	7.7	7.3			6.1		5.9	11.5	6.8	9.3	6.5	7.5	5.4	6.9		7.5	
08/30								7.2		0.9	6.1	5.2			8.4									
08/31								8.7		7.3	9.0	7.2			13.8									

	AG	BR	BV	CW	HE	HG	HV	HW	HY	L4	X4	LN	LX	MG	N2	NP	O2	SF	SW	T3	WT	WX	WV	VX
Arith Mean	6.9	7.1	7.7	7.6	6.8	6.8	6.3	8.7	6.3	6.5	7.2	7.5	9.3	6.9	10.6	7.2	8.7	6.1	6.2	5.8	6.9	7.7	8.4	9.4
Max 24-hr Avg	9.0	12.1	12.2	13.2	10.9	8.9	9.5	15.8	9.2	9.0	10.3	12.7	10.8	11.2	14.8	9.2	12.3	7.2	7.5	9.8	10.7	9.5	12.1	12.3
Std.Dev	1.3	2.2	2.0	2.5	1.9	1.9	1.7	3.0	1.5	2.0	1.5	1.5	1.8	2.4	2.0	1.1	1.8	1.8	1.7	1.2	1.7	1.4	2.1	1.9
Days Data	9	10	10	10	7	8	9	30	10	14	28	27	5	10	28	10	9	7	7.0	10	9	4	10	5
Yearly Mean	13.3	8.8	10.7	12.5	8.7	8.8	9.6	12.3	10.9	14.3	13.6	10.8	10.5	9.9	14.0	10.7	11.7	8.5	7.3	7.2	9.9	10.1	12.5	11.4

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2005 September

Date	Cottonwood	Hawthorn	Lindon	Logan 4	Magna(W)	Moab	NProvo	NProvo-X	NSL	NSL-X	Ogden2
09/01	38	21	44	28	36		27	26	60	61	35
09/02		33	35						45		30
09/03		26	20								18
09/04	28	10	20	17			17				14
09/05		13	25						25		23
09/06		15	40						48		18
09/07	32	22	56	26	23		26	24	39	43	
09/08		24	34						35		24
09/09		20	30						33		28
09/10	114	139	40	58	177		33		153		89
09/11		15	24						18		15
09/12			23								11
09/13	23		30		13		21		38	43	20
09/14			32						29		14
09/15			41								14
09/16	32		47		25		24				24
09/17			40								27
09/18			31								13
09/19			39		29						27
09/20											
09/21											
09/22											
09/23											
09/24											
09/25											
09/26											
09/27											
09/28											
09/29											
09/30											
Arith Mean	44	31	34	32	51		25	25	47	49	24
Max 24-hr Avg	114	139	56	58	177		33	26	153	61	89
Std. Dev	34	36	10	18	62		6	1	37	10	17
Days of Data	6	11	19	4	6		6	2	11	3	19
Days >150					1				1		
Yearly Avg	27	24	25	25	22		21	21	36	41	24

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	WV	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												
09/09								7.2		5.5	5.1	7.4												
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		5.6	13.0	5.6	6.9	13.5	14.8		24.6	
09/11								5.1		3.9	3.8	5.0												
09/12								4.1		4.3	3.9	6.0												
09/13				5.0	4.4	4.2		9.3		4.7	5.4	7.2	5.6	4.5		6.1	5.6			7.5	5.9	6.4	13.3	11.4
09/14								6.5		4.2	4.1	7.3												
09/15								6.8		5.2	5.2													
09/16				5.8	5.7			11.8		7.2	6.7			6.3			6.2			5.3	6.5			
09/17								10.3		5.4	5.3													
09/18								7.2		4.9	5.0													
09/19					7.3									21.0			8.3			5.9	7.1	7.2		
09/20																								
09/21																								
09/22																								
09/23																								
09/24																								
09/25																								
09/26																								
09/27																								
09/28																								
09/29																								
09/30																								
Arith Mean	5.4	7.2	14.3	6.9	7.7	5.8	9.0	8.6	8.8	6.1	6.1	8.3	8.6	12.6	13.8	6.6	8.2	5.6	6.6	7.2	8.5	7.5	12.6	9.1
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	21.6	8.7	13.0	7.0	8.7	13.5	14.8	8.4	24.6	11.4
Std.Dev	2.2	2.6	12.0	3.1	4.8	1.8	3.6	4.1	2.9	1.7	1.5	2.6	2.8	8.9	4.4	1.5	2.5	3.2	3.2	1.6	3.2	0.9	7.4	2.4
Days Data	4	5	2	6	6	5	4	18	4	16	18	14	3	5	7	5	7	4	4.0	6	6	4	5	3
Yearly Mean	12.9	8.7	10.8	12.2	8.6	8.7	9.6	12.1	10.8	13.8	13.1	10.7	10.4	10.1	14.0	10.5	11.4	8.4	7.3	7.2	9.8	9.9	12.5	11.2