

User ID: HPI

RAW DATA REPORT

Report Request ID: 1014611

Report Code: AMP350

Aug. 23, 2012

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
49				88101											

SELECTED OPTIONS

Option Type	Option Value
RAW DATA EVENTS	INCLUDE EVENTS
INCLUDE NULLS	YES
DAILY STATISTICS	MAXIMUM
MERGE PDF FILES	YES
UNITS	STANDARD

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	PARAMETER_CODE
5	POC

GLOBAL DATES

Start Date	End Date
2011 01 01	2011 12 31

APPLICABLE STANDARDS

Standard Description
PM25 24-hour 2006

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-003-0003 POC: 1
 COUNTY: (003) Box Elder
 CITY: (08460) Brigham City
 SITE ADDRESS: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT
 SITE COMMENTS: SITE FOR OZONE, PM2.5, AND MET
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 41.492778
 LONGITUDE: -112.018056
 UTM ZONE: 12
 UTM NORTHING: 4593750
 UTM EASTING: 415018
 ELEVATION-MSL: 1334
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			9.7					6.6				
2		4.0				4.1	6.2				3.5	3.5
3	17.9			1.6	3.1				5.0	6.4		
4			1.5					4.5 W				
5		12.6				5.7	7.4				3.6	1.9
6	P 57.5			3.4	4.5				4.8			
7			2.9					AN				
8		2.5				2.8	5.7				5.1	17.9
9	P 35.6			2.7	.6				11.9			
10			4.1					AN				
11		7.8				4.0	5.2				12.7	22.1
12	22.2			3.9	2.5				4.1	.5		
13			2.9					8.8				
14		6.1				2.8	4.5				2.6	16.0
15	P 56.6			10.3	7.2				7.4	.3		
16			2.2					17.2				
17		1.6				2.3	5.3				3.6	28.8
18	3.0			1.0	1.4				5.5	3.9		
19			10.8					8.7				
20		1.7				2.4	4.4				7.8	27.5
21	10.2			3.4	3.7				4.9	4.5		
22			.9					7.4				
23		2.5				4.7	4.7				5.7	5.8
24	8.3			5.6	2.7				10.8	4.1		
25			4.1					6.3				
26		5.8				3.1	7.2				3.1	22.4
27	22.4			1.3	2.8				15.7	4.6		
28								6.2				
29						8.3	8.1				11.7	6.7
30	23.7			1.8	1.7				6.6	6.0		
31			2.6					6.6				
NO.:	10	9	10	10	10	10	10	9	10	8	10	10
MAX:	57.5	12.6	10.8	10.3	7.2	8.3	8.1	17.2	15.7	6.4	12.7	28.8
MEAN:	25.74	4.96	4.17	3.50	3.02	4.02	5.87	8.03	7.67	3.79	5.94	15.26

3 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

3 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0004 POC: 1
 COUNTY: (005) Cache
 CITY: (45860) Logan
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.731111
 LONGITUDE: -111.8375
 UTM ZONE: 12
 UTM NORTHING: 4620024
 UTM EASTING: 430337
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	16.2	2.1	27.7	5.2	3.0	5.5		5.3	12.8	8.2	2.9	1.9
2	21.7	4.7	34.4	3.2	2.9	3.0		6.6	7.9	6.1	5.2	4.6
3	31.0	10.4	6.7	1.8	3.9	2.6		4.2	6.9	8.1	9.6	5.5
4	P 42.3	16.3	4.5	2.2	2.4	5.4		5.5 X	5.4	3.1	5.4	3.7
5	P 52.5	12.3	12.6	2.4	3.4	5.7	8.3	4.6 X	5.2	1.7	4.5	6.2
6	P 73.3	4.4	2.9	4.0	4.9	6.3	6.7	5.6	8.3	2.8	3.7	14.8
7	P 85.3	2.1	4.9	2.9	4.3	1.8	7.7	5.5 X	23.1	1.8	5.1	21.0
8	P 85.6	3.0	4.2	6.4	1.6	2.7 X	6.0 X	5.8	12.5	3.7	7.1	23.7
9	34.1	5.9	10.0	5.1	.7	2.0	AM	6.2	10.0	4.5	8.0	26.7
10	19.7	10.1	11.5	4.0	.8	2.8	4.8 X	5.8	7.4	1.2	12.2	26.9
11	17.8	8.9	1.7	4.4	AM	6.5	5.6	5.5	5.9		14.9	26.5
12	28.7	8.5	4.7	4.7	3.3	4.2	16.6	5.7	6.3		3.8	29.0
13	P 43.7	7.0	3.3	4.9	4.2	4.0	5.4	6.4	6.6	6.0	3.8	27.1
14	P 55.0	9.8	4.5	4.5	3.6	3.4	4.8	4.5 X	7.1	6.6	3.2	23.7
15	P 55.7	4.4	5.0	10.3	9.0	4.6	6.2	6.0 X	8.4	6.0	3.2	15.8
16	30.6	4.0	2.6	5.2	3.0	3.5	7.2	13.9	7.0	3.7	6.8	16.8
17	1.7	3.0	2.2	1.7	2.7	3.5	5.8 X	AM	4.4	2.9	5.7	16.3
18	3.6	11.7 X	9.2	1.6	2.2	3.8	5.0	9.0	5.5	4.9	1.9	22.8
19	2.5	12.5	10.2	3.5	1.8	1.3	6.3 X	8.3	5.1	5.8	6.4	22.3
20	6.0	1.5	4.2	5.0	2.2	2.9	6.0	7.9	4.7	6.3	12.7	20.7
21	9.0	7.0	6.7	4.0	4.1	3.6	6.2	5.6	5.7	6.7	23.1	14.8
22	4.4	8.5	1.0	3.6	4.0	4.7	6.5	5.6	6.4	6.0	20.4	5.4
23	4.8	6.2	1.6	5.1	3.5	6.0	7.6	5.9	7.2	5.7	21.7	12.4
24	13.8	7.2	3.3	6.3	3.0	5.9	11.3	14.4	8.0	4.9	15.8	16.5
25	17.1	4.5	3.5	1.9	4.5	5.0	7.7 X	7.3	6.2	3.8	3.3	19.0
26	10.8	6.5	3.1	2.0	1.9	4.2	8.2	5.2	5.7	5.0	5.0	21.6
27	16.0	11.5	1.1	2.2	2.5	6.3	7.1 X	6.1	8.4	6.6	8.9	25.5
28	23.9	17.5 X	1.5	2.7	5.6	9.2	7.8 X	8.1	7.2	8.5	16.0	17.9
29	28.8		2.7	2.0	1.7		8.6	5.0	6.2	13.3	18.1	5.6
30	24.2		2.9	2.9	1.3		9.5	7.6	7.0	7.3	10.0	3.9
31	9.4		3.9				6.8	6.1				2.7
NO.:	31	28	31	30	29	28	26	30	30	28	30	31
MAX:	85.6	17.5	34.4	10.3	9.0	9.2	16.6	14.4	23.1	13.3	23.1	29.0
MEAN:	28.04	7.55	6.40	3.86	3.17	4.30	7.30	6.64	7.62	5.41	8.95	16.17
ANNUAL OBSERVATIONS:	352		ANNUAL MEAN:	8.94		ANNUAL MAX:	85.6		8 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5			
									8 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5			

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0004 POC: 2
 COUNTY: (005) Cache
 CITY: (45860) Logan
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.
 MONITOR COMMENTS: COLLOCATED SAMPLES USED TO SUBSTITUTE FOR MISSING POC 1 VALUES

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.731111
 LONGITUDE: -111.8375
 UTM ZONE: 12
 UTM NORTHING: 4620024
 UTM EASTING: 430337
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SPECIAL PURPOSE

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3	32.6				4.0							
4			13.1									
5												6.7
6												
7								5.4				
8						AM						
9				4.9								
10												
11											15.7	
12									5.2			
13												
14		.6						4.0				
15					8.3							
16												
17												16.1
18										4.8		
19												
20												
21				4.1								
22												
23											21.7	
24									8.2			
25												
26						5.6						
27					2.5		AM					
28			2.2									
29												6.2
30										7.4		
31								7.2				
NO.:	1	1	2	2	3	1	1	2	2	2	2	3
MAX:	32.6	.6	13.1	4.9	8.3	5.6	4.0	7.2	8.2	7.4	21.7	16.1
MEAN:	32.60	.60	7.65	4.50	4.93	5.60	4.00	6.30	6.70	6.10	18.70	9.67
ANNUAL OBSERVATIONS:		22		ANNUAL MEAN:	8.48	ANNUAL MAX:	32.6					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-011-0004 POC: 1
 COUNTY: (011) Davis
 CITY: (07690) Bountiful
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH
 SITE COMMENTS: NEW SITE TO REPLACE 490110001
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE: 12
 UTM NORTHING: 4528150.36
 UTM EASTING: 425503.56
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AM		4.2					6.1				
2		3.8				2.5	10.0				5.8	9.5
3	29.2			2.0	4.2				6.3	5.7		
4			AM					4.2				
5		14.9				5.0	8.4				3.9	4.8
6	P 56.4			AN	5.5				6.4	2.2		
7			AM					6.0				
8		2.4				2.9	6.2				6.6	23.4
9	22.9			AN	1.8				5.0	4.7		
10			5.1					6.8				
11		6.6				5.1	4.8				16.9	33.7
12	AM			AN	3.2				4.7	4.3		
13			2.7					7.3				
14		2.5				3.7	3.8				4.4	22.4
15	P 39.7			12.7	7.0				6.0	4.8		
16			3.5					18.3				
17		AM				3.2	4.7				3.7	31.4
18	3.7			1.6	2.1				5.0	4.2		
19			10.1					7.1				
20		3.4				2.7	5.8				14.5	26.9
21	10.5			3.0	3.7				4.8	5.0		
22			1.1					6.7				
23		4.3				5.3	12.5				4.8	12.7
24	11.1			5.9	2.5				6.9	4.8		
25			4.3					6.7				
26		5.0				AM	6.5				4.9	29.7
27	21.7			1.5	2.5				5.7	.0		
28			1.2					6.7				
29						14.6	7.8				20.5	8.5
30	32.2			2.6	1.9				8.0	.0		
31			3.0					5.3				
NO.:	9	8	9	7	10	9	10	11	10	10	10	10
MAX:	56.4	14.9	10.1	12.7	7.0	14.6	12.5	18.3	8.0	5.7	20.5	33.7
MEAN:	25.27	5.36	3.91	4.19	3.44	5.00	7.05	7.38	5.88	3.57	8.60	20.30
ANNUAL OBSERVATIONS:		113		ANNUAL MEAN:	8.40	ANNUAL MAX:	56.4					

2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.09	.5	.09	AM	AM	AM	.3	4.1	3.8	.09	12.5	6.8	.8	10.2	8.1	10.6	8.1	8.3	7.1	10.1	3.9	.09	AM	AN	19	12.5	
2	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	6.0	3.8	11.5	5.2	13.7	14.4	16.4	19.7	17.3	18.8	21.5	19.4	17.2	16.8	14	21.5	
3	15.3	13.7	16.1	13.3	AN	AN	AN	AN	AN	12.7	22.1	27.8	24.6	19.6	17.4	22.7	21.8	27.6	AN	AN	AN	AN	AN	AN	13	27.8	
4	AN	AN	AN	AN	AN	AN	AN	AN	AN	9.0	17.4	15.3	14.7	21.0	19.3	23.8	23.0	26.8	27.0	AN	AN	AN	AN	AN	10	27.0	
5	AN	AN	AN	AN	AN	AN	21.5	18.0	17.4	27.9	29.5	30.1	31.5	34.3	21.0	19.4	19.2	22.8	23.0	24.2	19.3	AN	AN	AN	15	34.3	
6	AN	AN	AN	AN	AN	AN	AN	AN	AN	28.2	28.9	25.4	25.4	21.9	26.6	25.5	27.2	32.3	26.7	AN	AN	AN	AN	AN	10	32.3	
7	AN	AN	AN	AN	AN	AN	AN	AN	AN	30.1	31.5	30.0	29.8	23.9	24.6	24.2	21.2	28.3	29.0	31.9	AN	AN	AN	AN	11	31.9	
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	34.9	38.0	37.1	38.2	36.2	29.3	27.9	29.3	40.6	39.2	36.1	40.4	43.7	43.1	AN	14	43.7	
9	AN	50.5	AN	AN	AN	AN	AN	AN	AN	AN	.8	5.9	24.5	34.0	34.8	31.8	28.0	33.9	31.7	20.7	14.6	10.4	3.1	2.0	15	50.5	
10	.09	.6	1.0	4.0	2.9	9.0	1.2	.09	.6	3.2	2.4	6.4	10.0	11.2	10.4	11.2	17.0	17.6	13.0	13.7	11.6	3.3	5.8	AN	23	17.6	
11	AN	AN	.5	7.5	2.5	.09	6.2	11.4	8.7	4.6	2.6	6.9	3.5	8.9	14.2	8.1	6.4	14.5	14.1	13.1	12.0	AN	AN	AN	19	14.5	
12	15.2	9.5	19.5	17.2	21.5	21.0	31.4	34.6	16.6	24.7	24.1	20.0	18.0	25.3	19.9	18.4	29.3	30.0	25.1	23.9	26.4	25.4	27.0	AN	23	34.6	
13	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	29.5	22.9	21.7	23.0	23.5	30.2	26.9	27.6	26.5	26.8	30.0	23.3	22.3	24.9	14	30.2	
14	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
15	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
16	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
17	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
18	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1.2	2.4	5.5	6.3	1.7	1.7	7.9	10.7	6.3	11.2	11.3	6.1	7.8	13	11.3	
19	5.9	10.3	8.2	11.3	11.4	11.1	6.0	12.0	9.8	8.7	11.3	4.6	7.5	6.9	9.5	8.9	5.4	7.3	.5	.09	.09	.09	1.4	.1	24	12.0	
20	.5	1.2	.09	.7	.09	.6	2.3	2.3	.09	1.6	3.4	2.1	5.6	4.6	8.1	13.2	5.4	2.9	8.0	6.3	11.9	8.2	9.0	12.2	24	13.2	
21	4.3	9.2	AN	AN	AN	AN	9.1	9.8	14.7	9.3	3.6	5.5	10.2	12.9	19.2	14.7	17.0	15.3	19.1	21.2	11.9	12.7	18.5	20.7	20	21.2	
22	26.4	25.3	AN	AN	AN	AN	.3	1.8	.09	1.9	.09	2.7	.09	3.6	2.0	.7	4.3	2.6	2.8	1.9	.6	.09	.09	4.5	20	26.4	
23	.09	.09	1.1	1.6	.3	3.4	.1	4.7	1.8	.09	3.9	1.7	6.3	2.5	4.4	4.0	10.3	3.6	3.4	3.8	6.4	8.6	6.9	6.3	24	10.3	
24	.9	.09	3.1	9.3	9.8	5.0	1.6	7.9	9.6	12.2	5.1	6.0	10.3	5.2	6.4	10.6	8.8	9.5	16.1	14.1	11.2	9.7	17.0	25.9	24	25.9	
25	24.3	17.5	12.2	12.3	13.1	18.5	13.9	21.6	18.4	17.8	20.9	20.5	23.8	23.0	21.0	19.5	18.9	25.6	27.5	28.5	21.2	19.0	14.7	18.1	24	28.5	
26	12.4	11.8	13.1	15.7	AN	AN	AN	AN	AN	17.8	AN	AN	20.5	26.8	23.3	27.4	25.7	27.4	21.9	22.4	26.8	17.9	10.6	8.0	17	27.4	
27	17.5	AN	AN	AN	AN	AN	AN	AN	AN	24.7	30.3	27.1	34.2	26.9	26.4	35.8	34.1	36.6	36.8	38.5	40.9	AN	AN	AN	13	40.9	
28	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	43.2	43.1	39.6	40.1	41.8	43.5	42.5	36.9	42.0	AN	AN	AN	AN	AN	9	43.5	
29	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	46.6	45.4	46.5	46.9	49.7	45.9	41.2	41.0	40.4	AN	AN	AN	AN	AN	9	49.7	
30	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	51.6	56.2	49.5	51.8	49.9	52.5	46.5	45.3	43.2	44.7	45.4	47.3	43.7	47.1	14	56.2	
31	43.3	44.9	49.3	AN	AN	AN	AN	AN	AN	AN	38.3	28.6	39.5	38.7	41.4	40.5	35.5	21.2	27.1	15.3	10.4	6.5	4.4	6.8	17	49.3	
NO.:	14	14	12	10	8	8	12	12	12	19	25	26	27	27	27	27	27	27	26	22	21	18	17	14			
MAX:	43.3	50.5	49.3	17.2	21.5	21.0	31.4	34.6	18.4	34.9	51.6	56.2	49.5	51.8	49.9	52.5	46.5	45.3	43.2	44.7	45.4	47.3	43.7	47.1			
AVG:	11.86	13.93	10.34	9.29	7.69	8.58	7.83	10.68	8.45	14.17	20.14	18.58	20.37	21.11	21.19	21.74	21.15	22.71	22.28	19.20	17.98	14.82	14.75	14.37			

MONTHLY OBSERVATIONS: 452 MONTHLY MEAN: 17.37 MONTHLY MAX: 56.2

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.6	5.4	1.8	.09	.09	4.7	2.5	.9	4.9	.09	1.0	1.5	.09	.9	.09	.0	2.4	1.2	1.0	2.5	1.7	1.3	.1	.09	24	5.4	
2	.4	4.3	.09	.09	3.1	.09	1.9	1.0	3.3	.7	3.6	6.5	6.0	.09	6.3	4.5	5.8	3.3	4.1	.09	.09	.1	.6	.09	24	6.5	
3	AM	3.2	.7	.09	.09	AN	AN	AN	AN	5.7	7.2	4.1	13.7	6.4	9.5	6.8	4.6	8.8	7.5	.5	8.3	3.9	5.9	1.8	7.1	20	13.7
4	9.2	6.0	6.7	10.3	15.5	AN	AN	AN	AN	21.8	16.5	14.2	15.3	14.2	11.0	14.0	12.4	8.4	13.2	11.2	11.4	13.3	17.4	14.4	20	21.8	
5	19.9	21.0	14.9	17.7	16.0	20.8	17.8	12.6	24.9	18.3	11.4	13.8	19.3	20.8	17.3	12.1	15.2	15.3	20.8	14.6	14.4	15.9	14.6	11.1	24	24.9	
6	9.9	16.4	20.7	21.7	20.7	20.5	11.5	8.9	6.6	4.8	4.8	10.5	10.3	.5	2.7	.09	.9	.8	.0	7.5	3.3	5.6	.09	2.4	24	21.7	
7	1.9	2.9	4.1	.09	4.2	.09	.09	1.6	.4	.09	.3	1.0	10.7	4.9	6.3	5.2	7.0	3.4	6.1	16.8	.3	.09	3.0	.09	24	16.8	
8	1.5	6.9	1.9	.1	2.1	4.5	1.3	1.0	3.2	5.0	.6	3.4	1.4	4.7	2.3	4.9	4.0	2.8	5.0	1.9	3.2	3.4	4.2	.3	24	6.9	
9	3.3	.6	.1	2.7	.09	3.2	2.9	2.4	2.5	4.1	2.6	.3	.8	4.5	.09	5.0	4.2	3.0	.1	2.2	3.1	6.2	6.6	9.4	24	9.4	
10	2.5	2.2	AN	AN	AN	AN	AN	AN	AN	8.4	10.6	14.6	16.5	12.8	17.3	16.2	17.1	20.8	12.7	9.5	11.6	10.7	AN	AN	15	20.8	
11	AN	AN	AN	AN	AN	AN	AN	AN	AN	21.7	18.5	21.4	24.3	23.2	22.9	22.8	20.4	22.1	19.2	29.4	24.0	28.2	26.3	24.4	15	29.4	
12	29.2	AN	AN	AN	AN	AN	AN	AN	AN	29.1	30.7	28.7	21.5	23.9	25.1	26.1	30.1	29.9	31.5	34.0	31.4	35.8	34.5	34.9	AN	16	35.8
13	AN	AN	AN	AN	AN	AN	AN	AN	AN	36.0	34.8	32.4	28.0	35.8	33.4	32.0	32.9	36.1	46.1	39.3	38.5	46.4	44.4	46.6	AN	15	46.6
14	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	45.3	36.2	33.1	42.9	46.1	47.3	45.4	49.3	33.2	39.9	47.5	52.1	48.7	AN	13	52.1	
15	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	39.2	27.5	39.2	42.5	45.2	49.9	50.9	54.3	51.5	49.8	54.8	51.9	49.1	50.8	52.1	15	54.8
16	57.5	47.7	AN	AN	AN	AN	AN	AN	AN	61.7	66.3	60.2	53.0	55.2	55.0	48.6	51.1	39.9	47.3	42.6	47.5	42.5	11.2	.09	17	66.3	
17	.5	1.6	1.8	1.1	.6	.09	1.2	.09	3.5	.09	2.4	.7	.09	4.0	.09	.7	2.1	.09	2.3	.09	.09	1.2	.09	.1	24	4.0	
18	.6	.09	1.0	3.3	3.2	1.1	.09	2.0	.2	3.1	4.2	4.6	6.4	6.7	5.5	6.2	9.8	5.0	7.3	9.1	7.8	10.8	7.0	10.4	24	10.8	
19	8.6	1.5	3.5	4.4	9.3	6.6	9.4	10.1	13.4	8.4	7.4	5.7	3.7	5.1	3.2	2.4	.3	7.2	.4	5.8	.09	7.4	5.8	.09	24	13.4	
20	1.9	.09	3.6	.09	.9	AM	.6	4.6	4.4	1.0	6.8	9.0	4.4	3.5	1.9	1.9	.0	.09	1.8	1.7	.09	1.0	.09	.8	23	9.0	
21	.09	.09	.09	2.7	.09	5.1	.5	.4	3.6	5.5	1.7	6.0	4.4	4.0	3.4	9.3	7.2	8.7	5.4	11.4	5.0	4.7	2.3	.7	24	11.4	
22	1.8	.09	3.4	1.0	2.6	1.1	.09	.6	2.7	3.4	5.5	1.0	1.6	9.2	9.9	10.5	9.7	15.5	5.5	16.7	15.9	18.5	14.9	AN	23	18.5	
23	AN	AN	AN	AN	AN	10.1	11.6	9.9	15.3	16.7	20.6	17.2	11.6	15.7	14.9	8.2	22.4	34.6	33.9	19.1	14.1	16.9	6.3	9.0	19	34.6	
24	4.4	7.6	10.2	AN	AN	AN	AN	AN	AN	13.2	15.6	14.2	19.8	24.8	29.7	27.9	28.7	3.3	3.7	4.9	4.3	4.7	3.5	2.3	18	29.7	
25	3.0	5.0	2.2	.09	3.8	5.6	19.2	17.7	15.5	17.8	13.3	9.6	8.8	11.1	3.6	5.6	7.6	9.7	11.4	10.3	11.8	13.7	13.3	4.6	24	19.2	
26	9.1	11.2	9.7	11.7	8.0	2.1	10.5	8.6	3.1	9.7	2.2	8.0	9.8	13.1	5.0	6.8	5.8	3.8	5.5	4.4	1.9	3.7	6.7	5.6	24	13.1	
27	8.3	5.6	.5	.09	.1	3.4	2.3	.3	3.9	1.3	5.2	.0	7.1	1.6	4.5	5.7	3.6	8.9	1.9	1.6	2.2	1.7	5.4	3.2	24	8.9	
28	5.0	5.1	6.8	1.6	.8	2.3	1.1	.09	5.1	5.6	2.2	4.2	5.1	10.0	4.5	5.8	8.2	5.3	12.6	9.5	10.2	7.3	2.9	5.6	24	12.6	
29																										0	
30																										0	
31																										0	
NO.:	22	22	20	19	19	17	18	18	21	27	28	28	28	28	28	28	28	28	28	28	28	28	27	23			
MAX:	57.5	47.7	20.7	21.7	20.7	20.8	19.2	17.7	36.0	61.7	66.3	60.2	53.0	55.2	55.0	50.9	54.3	51.5	49.8	54.8	51.9	52.1	50.8	52.1			
AVG:	8.14	7.01	4.68	4.12	4.78	5.36	5.24	4.59	8.92	12.74	12.90	13.08	13.64	14.52	13.86	13.93	15.01	14.60	13.50	14.49	13.54	14.46	12.40	7.11			

MONTHLY OBSERVATIONS: 589 MONTHLY MEAN: 11.18 MONTHLY MAX: 66.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: MARCH 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	7.3	1.7	.09	.5	.09	4.4	2.7	1.0	3.4	5.1	5.3	8.1	5.2	14.0	12.4	14.7	13.1	15.9	13.4	14.4	10.8	14.0	13.4	11.8	24	15.9	
2	5.6	5.1	13.0	3.5	.2	4.1	7.9	6.5	6.5	7.5	10.6	12.2	15.7	21.0	22.6	15.8	21.0	25.3	21.1	23.6	21.0	27.3	21.4	25.6	24	27.3	
3	23.7	19.1	17.4	9.3	7.4	17.8	13.8	11.3	17.4	31.5	34.0	32.4	27.3	25.7	21.0	14.2	4.1	11.6	25.5	28.3	27.1	21.1	18.2	2.6	24	34.0	
4	1.2	.9	1.6	.09	1.3	.09	2.0	.09	.09	1.0	.09	2.0	.09	3.2	.09	7.4	13.0	7.5	5.2	4.9	5.2	5.1	7.4	1.9	24	13.0	
5	3.6	6.2	3.7	.0	1.4	2.6	4.3	1.9	3.6	4.4	1.0	3.7	5.0	5.7	11.6	10.5	9.2	13.9	9.2	10.4	7.2	10.3	7.8	5.3	24	13.9	
6	3.2	4.3	5.7	1.3	3.7	1.1	7.6	2.0	8.4	7.4	6.1	6.1	5.9	4.8	9.5	8.6	10.5	8.8	4.7	5.9	10.5	13.0	11.1	10.9	24	13.0	
7	6.9	6.2	3.2	4.5	8.0	7.9	4.2	2.5	1.7	5.9	7.1	2.6	6.2	7.3	9.3	3.7	5.6	9.0	5.0	7.7	6.5	7.4	1.9	.09	24	9.3	
8	2.3	2.2	1.2	.6	2.1	1.1	.09	.09	.8	.09	.6	1.2	4.3	4.9	1.5	4.0	8.3	4.6	4.7	3.2	.09	1.3	5.4	.9	24	8.3	
9	1.4	3.2	.09	2.2	.09	2.1	2.1	5.3	2.6	2.1	7.8	3.8	8.0	5.3	2.7	7.5	3.3	6.1	4.6	5.2	12.2	10.3	11.3	10.1	24	12.2	
10	6.4	4.1	2.7	2.8	4.0	.1	.09	3.9	3.3	1.2	8.3	12.1	5.1	9.5	6.4	4.1	5.9	6.6	5.8	8.2	10.4	4.1	5.8	9.0	24	12.1	
11	8.6	2.2	5.6	5.2	3.5	4.6	3.9	4.4	8.0	8.6	8.5	11.3	11.9	10.3	7.7	11.7	7.5	11.2	10.2	9.5	8.4	13.2	8.3	11.9	24	13.2	
12	8.8	6.2	7.3	4.3	5.4	3.3	.09	6.2	8.3	2.8	6.8	1.3	7.6	1.5	5.1	9.4	2.2	12.5	4.1	4.7	2.0	3.2	4.2	.09	24	12.5	
13	2.2	5.3	2.6	.4	.09	3.9	5.1	.0	1.3	1.8	.09	3.4	.2	9.6	.09	7.7	7.6	8.9	6.2	1.9	.7	4.7	3.4	5.9	24	9.6	
14	3.7	5.0	1.9	2.6	4.6	.5	1.2	4.8	4.8	.0	1.7	1.5	2.1	4.7	2.6	3.6	8.3	2.0	.6	6.8	3.4	4.4	3.4	2.2	24	8.3	
15	.09	3.1	.09	.09	4.4	6.1	.09	2.6	3.6	4.5	3.9	.09	6.6	3.5	4.0	3.0	2.7	.09	.6	.09	8.0	4.7	3.8	AM	23	8.0	
16	AM	.09	.3	2.5	1.5	.2	2.6	.9	2.1	1.8	3.4	9.5	10.7	2.8	4.7	12.9	13.0	13.2	4.6	7.2	AM	.09	.09	6.0	22	13.2	
17	4.4	4.6	6.5	3.9	.2	4.6	7.3	2.3	3.4	1.3	1.7	1.5	1.0	5.2	6.7	5.9	11.4	12.5	13.0	13.6	10.6	8.5	12.2	14.9	24	14.9	
18	11.9	11.3	11.4	8.4	4.6	7.0	6.3	6.0	8.8	6.5	12.9	9.0	14.4	21.2	14.9	14.6	16.3	12.9	19.6	15.8	21.8	16.4	15.8	13.6	24	21.8	
19	15.3	15.4	16.2	15.5	16.3	12.1	14.2	15.6	18.3	14.4	13.5	21.6	13.4	5.1	13.1	9.4	15.7	10.9	3.0	.3	8.9	8.9	4.5	2.7	24	21.6	
20	2.7	1.3	3.7	1.5	5.2	.09	.09	2.5	3.9	3.6	2.4	2.7	.09	11.1	7.1	10.9	10.2	6.8	12.9	7.8	.9	8.3	16.1	17.9	24	17.9	
21	11.0	6.4	11.4	11.2	12.9	8.8	12.2	13.0	9.8	10.6	7.6	11.4	13.8	11.5	13.5	.09	.09	3.3	.3	.09	1.4	2.6	1.9	.09	24	13.8	
22	.09	2.7	.09	.09	.0	.8	.5	.09	.09	.09	.09	2.1	1.7	1.9	3.2	2.7	1.9	1.4	.5	.09	1.6	.09	.09	.09	24	3.2	
23	1.3	2.1	.09	1.4	.09	.09	2.8	2.1	1.1	.09	6.6	5.9	2.6	2.2	AM	.09	3.1	3.1	3.9	1.5	5.0	2.5	4.2	6.0	23	6.6	
24	2.1	1.9	1.7	1.4	3.8	3.5	.2	5.5	2.5	5.3	6.5	2.2	1.4	2.5	3.9	2.4	.09	.09	1.2	5.8	1.4	2.9	.09	.4	24	6.5	
25	4.0	2.2	5.8	5.0	.09	4.7	4.7	.2	2.9	3.2	4.3	4.5	3.4	3.1	1.4	2.9	4.6	3.4	.09	1.3	.09	.7	1.7	.8	24	5.8	
26	1.6	.8	.09	4.2	.6	2.5	.1	1.0	.09	.5	4.8	4.2	.09	1.5	2.8	3.6	1.5	3.4	.09	4.5	.4	.2	.09	1.4	24	4.8	
27	2.1	5.2	1.9	2.9	2.1	3.7	3.2	24.4	3.0	5.4	2.6	.09	3.7	.0	.4	.2	3.2	7.2	.6	.09	.09	2.8	2.8	1.7	24	24.4	
28	.09	.0	5.3	1.6	.09	2.4	AM	.8	3.8	.09	3.6	.0	.2	.09	3.4	.4	2.1	.09	1.1	.09	.09	.09	.09	1.9	23	5.3	
29	6.2	.09	.09	3.6	.09	1.7	4.3	.9	.09	2.1	2.3	.09	.3	.09	.09	4.1	.09	4.9	.2	.09	.09	1.0	.09	1.0	24	6.2	
30	1.9	.09	4.6	5.0	.6	3.1	1.7	.09	2.4	.09	.4	.09	4.8	2.4	3.9	6.8	AM	.09	.09	1.0	7.7	2.3	.0	6.8	23	7.7	
31	4.2	1.6	5.6	6.7	1.0	4.1	4.3	6.7	4.8	4.1	AZ	AZ	AZ	AZ	AZ	6.0	5.5	.09	7.0	5.6	8.5	8.9	.09	1.1	19	8.9	
NO.:	30	31	31	31	31	31	30	31	31	31	30	30	30	30	29	31	30	31	31	31	30	31	31	30			
MAX:	23.7	19.1	17.4	15.5	16.3	17.8	14.2	24.4	18.3	31.5	34.0	32.4	27.3	25.7	22.6	15.8	21.0	25.3	25.5	28.3	27.1	27.3	21.4	25.6			
AVG:	5.12	4.20	4.53	3.61	3.06	3.83	3.97	4.33	4.53	4.60	5.81	5.88	6.08	6.72	6.74	6.73	7.03	7.32	6.09	6.42	6.72	6.78	6.00	5.81			

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 5.49 MONTHLY MAX: 34.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.7	2.7	3.5	-.2	.2	5.9	3.6	4.2	9.8	1.1	3.8	3.7	3.6	.7	2.3	3.5	5.0	3.3	2.3	1.2	3.2	4.5	4.1	3.4	24	9.8	
2	-.4	7.0	4.2	2.4	6.6	3.5	6.6	-1.3	3.7	7.8	7.4	6.4	4.7	2.5	7.4	1.3	.2	5.2	2.6	7.3	7.2	9.3	4.6	.6	24	9.3	
3	2.3	-1.6	2.9	-4.5	-1.3	-3.8	4.5	1.4	3.2	-.6	5.8	7.7	-.1	2.2	-.3	1.0	.1	3.4	-1.6	.3	3.2	-1.3	.2	1.8	24	7.7	
4	.2	4.6	.8	2.7	3.4	4.9	-2.1	3.6	3.8	-1.8	.2	-3.5	1.6	4.0	-2.4	-1.6	3.7	5.6	2.5	1.1	.5	2.9	-2.3	24	5.6		
5	-1.1	.6	-1.7	.4	.3	4.0	-.4	.8	4.4	1.0	.7	2.1	2.4	-2.1	3.1	3.3	4.8	-1.2	-.4	4.6	-.9	AM	2.7	1.9	23	4.8	
6	-.1	.0	.4	-.6	2.5	4.1	1.3	3.9	3.1	.8	-1.0	3.7	3.7	2.9	5.0	4.4	4.7	4.4	-.6	3.1	-1.1	3.6	4.9	4.0	24	5.0	
7	6.9	2.1	3.0	4.2	1.2	1.4	4.1	2.3	6.0	2.1	.9	6.5	1.1	2.9	.8	4.8	-2.7	3.0	.2	4.5	.1	2.0	2.9	.8	24	6.9	
8	3.1	4.0	1.8	.1	8.4	6.7	3.4	2.9	1.2	4.0	8.1	11.6	4.2	6.7	1.3	.6	1.4	5.5	1.9	5.0	6.5	5.8	4.3	2.6	24	11.6	
9	5.1	3.7	4.6	4.7	5.2	5.0	6.4	6.6	6.2	5.4	1.2	3.9	-2.5	-2.0	-2.7	4.9	-.3	.8	2.5	.3	3.6	-1.1	-4.8	-.2	24	6.6	
10	-.8	1.7	.0	-.1	-2.1	-2.3	.3	2.9	3.3	1.9	5.5	-2.9	2.7	-4.1	-.4	-1.4	1.0	4.5	4.6	7.0	5.1	-.5	5.1	2.4	24	7.0	
11	4.6	-.3	2.6	-1.0	5.2	.0	3.8	2.7	2.9	4.1	1.1	4.4	3.5	4.2	2.2	7.4	5.7	4.0	4.2	7.1	3.2	4.1	4.9	.4	24	7.4	
12	2.9	1.9	4.1	2.2	2.1	9.0	5.2	6.4	1.4	3.8	3.9	2.4	5.4	7.5	5.7	4.7	4.1	6.9	3.5	6.8	6.1	2.9	1.3	4.3	24	9.0	
13	2.5	1.2	3.1	1.1	5.1	2.2	7.3	4.1	-2.2	7.6	6.8	2.8	4.2	4.8	4.8	4.2	2.8	5.5	8.1	4.9	5.3	5.1	4.5	2.0	24	8.1	
14	1.8	4.4	4.5	4.5	1.7	2.7	3.0	1.2	-.3	-.4	4.0	4.1	3.9	4.0	8.9	3.2	4.0	14.4	10.8	10.8	11.9	8.6	11.7	10.3	24	14.4	
15	8.9	4.9	8.7	8.1	9.6	11.9	5.7	8.7	5.2	5.7	17.4	12.0	11.8	16.2	14.0	17.4	19.2	30.8	32.8	36.6	23.8	29.2	24.1	24	36.6		
16	21.9	17.4	15.4	17.3	19.4	17.5	16.5	12.0	14.8	7.1	7.1	6.7	7.8	5.0	9.3	9.2	8.8	2.2	2.8	7.3	2.9	4.6	5.6	4.6	24	21.9	
17	5.3	6.5	6.1	4.5	5.8	5.5	2.5	4.0	5.9	3.9	3.7	3.2	4.1	5.2	3.8	4.1	3.1	-.3	2.7	3.1	5.7	2.4	-.2	2.4	24	6.5	
18	-2.4	1.8	2.6	10.2	6.8	3.9	4.3	1.1	2.9	1.3	6.4	3.4	-2.8	.2	1.8	-.4	-1.0	-2.0	-3.0	.7	-1.8	-.4	1.8	.5	24	10.2	
19	-.9	1.1	1.8	-1.1	4.2	2.3	1.1	-.6	6.6	4.9	-.1	1.6	.2	3.2	4.8	10.1	-3.6	4.3	3.1	5.0	1.2	3.2	3.5	.5	24	10.1	
20	2.8	.9	2.0	4.1	4.6	4.5	1.9	3.3	4.1	7.1	4.4	4.8	6.9	-.2	3.1	3.0	7.7	2.2	3.7	9.5	AO	8.0	.8	.8	23	9.5	
21	2.8	.8	7.4	1.9	7.1	5.9	1.9	2.6	-.7	2.0	2.5	-.2	4.4	12.5	3.1	3.1	1.4	.5	2.4	3.8	1.8	-.8	3.8	3.8	24	12.5	
22	.7	.6	-.8	-.8	.2	3.2	1.3	4.8	3.3	12.0	BA	BA	BA	.03	6.53	7.73	3.43	6.33	13.23	9.63	6.93	4.53	8.13	11.43	21	13.2	
23	7.03	3.03	4.13	3.73	6.43	2.03	2.93	6.73	.43	6.83	4.73	7.93	7.73	6.83	5.23	7.03	.83	-1.23	6.33	6.83	5.73	9.93	2.33	5.93	24	9.9	
24	8.33	3.73	5.43	7.83	3.13	3.43	1.63	3.93	5.73	5.53	4.43	.43	5.43	7.03	.03	5.93	3.43	-.33	-.73	.63	.73	3.23	5.13	2.73	24	8.3	
25	5.33	3.93	2.23	2.73	.03	.73	-3.33	-.93	-2.73	.83	4.43	-4.83	.03	1.73	-1.13	-1.83	.53	2.23	9.23	3.73	.03	5.73	.13	-.33	24	9.2	
26	6.23	.13	-1.63	5.23	1.73	2.23	-.93	.03	4.23	-2.73	.33	-1.53	.63	2.43	5.73	-1.13	1.23	.33	1.13	2.13	1.33	-.13	2.33	1.23	24	6.2	
27	-.43	-.83	-.83	1.73	1.23	.03	1.73	3.93	3.93	.83	5.23	6.23	2.63	1.13	-2.23	1.53	5.53	-.83	2.13	5.83	1.13	2.83	2.33	2.53	24	6.2	
28	1.43	2.73	6.73	1.73	2.23	5.83	-.33	4.73	2.43	.03	-.33	2.73	.53	4.23	1.23	1.33	2.63	.03	5.23	4.83	-.33	6.43	4.13	24	6.7		
29	3.43	1.53	4.33	.03	4.23	-.23	4.33	1.53	-2.73	1.53	-.53	-1.33	-.33	.03	AM	5.23	2.43	.83	4.83	1.43	-1.03	1.33	2.93	2.13	23	5.2	
30	1.03	.93	-1.33	1.63	-1.93	.93	3.33	1.43	5.73	-3.03	-2.03	3.53	4.43	.93	7.73	4.43	-4.13	1.73	1.23	2.93	2.13	5.53	2.43	-1.13	24	7.7	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	29	30	29	30	30	30	30	30	29	29	30	30			
MAX:	21.9	17.4	15.4	17.3	19.4	17.5	16.5	12.0	14.8	12.0	17.4	12.0	11.8	16.2	14.0	14.0	17.4	19.2	30.8	32.8	36.6	23.8	29.2	24.1			
AVG:	3.33	2.70	3.20	2.82	3.77	3.76	3.05	3.29	3.52	3.02	3.67	3.26	3.24	3.22	3.50	3.78	2.76	3.43	4.01	5.52	4.22	4.03	4.19	3.24			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 3.52 MONTHLY MAX: 36.6

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: MAY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.23	-2.73	2.23	.53	1.23	2.93	.53	2.73	4.33	-1.83	1.13	3.23	3.93	.53	4.03	.53	-1.53	1.93	2.63	-1.13	3.63	2.03	2.73	-3.63	24	4.3
2	-2.43	.13	.73	1.73	2.13	4.03	2.03	4.43	3.03	4.23	6.33	3.23	.93	2.03	-.73	1.93	3.33	3.73	3.83	8.63	3.73	2.03	3.53	4.53	24	8.6
3	.73	7.53	6.83	1.63	1.63	1.63	4.33	.33	4.93	3.23	4.03	6.33	1.93	.73	-1.73	4.83	2.83	-1.03	6.13	7.03	AM	-.93	6.93	8.13	23	8.1
4	5.43	2.03	3.13	3.43	.53	4.63	1.33	AM	11.13	2.33	AM	1.53	4.63	3.33	3.73	4.03	2.13	5.73	5.43	4.03	8.83	5.93	3.13	2.73	22	11.1
5	1.23	-.33	.13	.53	3.83	6.43	1.03	-.23	3.13	2.03	.93	3.13	1.63	5.23	4.53	2.83	4.53	4.13	6.53	6.43	10.63	6.03	6.13	1.33	24	10.6
6	6.93	5.03	3.03	7.83	4.83	.53	.23	2.53	1.63	3.13	4.03	1.83	5.13	2.83	6.53	-1.33	4.83	4.53	-.33	2.33	4.43	.33	7.43	2.93	24	7.8
7	3.03	-1.03	8.43	6.63	7.73	5.43	4.03	2.33	6.03	4.53	9.33	5.43	3.13	4.03	8.83	4.53	3.53	7.43	3.13	6.03	7.63	9.03	10.83	9.83	24	10.8
8	14.53	8.43	7.33	6.93	6.43	1.53	6.63	7.93	6.53	1.93	6.93	5.03	2.83	9.03	2.83	-3.13	9.03	3.53	6.93	4.43	5.03	6.33	6.23	7.23	24	14.5
9	7.33	.93	6.43	-2.13	7.23	1.43	11.63	2.83	6.13	7.63	6.83	3.63	10.53	8.83	6.93	6.83	1.53	5.03	1.23	4.13	.33	1.13	-1.93	-1.83	24	11.6
10	-2.33	3.13	3.83	-.43	-.73	-.93	-.33	AM	AM	3.03	-3.53	1.33	.93	3.43	-3.33	2.53	2.33	-1.93	5.63	-1.23	-.93	1.43	1.93	4.03	22	5.6
11	3.23	2.03	-1.33	1.53	1.13	-1.63	1.13	-4.63	.73	AM	3.13	.03	3.93	.03	1.13	-2.63	1.13	1.43	2.23	3.63	3.53	1.83	1.73	1.13	23	3.9
12	-.33	1.43	4.63	.23	-.23	1.53	8.93	2.63	3.13	2.93	5.63	3.73	2.23	3.83	-.33	2.73	2.43	4.53	.03	3.83	6.83	6.03	4.03	24	8.9	
13	1.13	2.13	5.43	3.13	2.73	3.33	3.03	.63	-.63	4.13	1.93	4.23	1.73	.43	5.53	6.03	4.93	6.63	3.23	.23	2.63	7.33	11.53	2.03	24	11.5
14	8.73	5.63	9.23	8.33	5.13	3.13	4.23	10.93	-1.53	.13	6.03	4.83	5.33	5.63	5.73	3.43	2.53	2.73	.83	4.83	4.93	3.63	5.13	7.93	24	10.9
15	6.13	4.43	4.43	3.63	.83	3.23	6.03	7.43	4.43	1.83	4.03	2.23	7.13	4.83	6.23	.63	-2.83	2.23	4.33	5.83	4.83	.03	-4.53	1.73	24	7.4
16	6.43	20.43	25.43	19.63	14.53	12.03	18.33	6.93	4.73	6.83	.13	.83	3.13	1.23	4.63	.53	-4.73	3.93	3.33	1.53	8.03	5.53	5.53	4.73	24	25.4
17	5.43	7.63	.73	2.03	-.63	3.33	4.43	-4.33	2.33	-1.03	2.93	-3.03	-.73	1.83	1.43	1.13	5.63	7.13	3.73	-3.63	4.23	2.03	.53	1.23	24	7.6
18	-1.73	-.53	1.63	.63	1.23	-3.53	.93	-.63	-3.73	-.13	-3.13	.53	1.63	4.43	4.73	-.63	1.73	-1.53	1.33	3.73	-1.83	.03	-.43	2.33	24	4.7
19	2.73	3.63	.13	-2.03	-1.63	.13	-.13	.43	3.83	-2.13	2.33	2.13	-.33	1.63	.93	.83	3.03	6.13	2.03	1.63	2.43	-.43	-1.03	-1.73	24	6.1
20	-2.93	.13	1.33	-.43	2.53	4.13	1.23	-1.43	1.43	AZ	AZ	AZ	AZ	6.8	-3.4	6.7	3.5	-.6	-1.7	3.8	2.8	2.5	-1.5	-.8	20	6.8
21	1.8	3.6	1.1	2.2	3.8	.6	3.9	5.3	4.6	-2.3	2.0	4.8	2.2	7.2	-.9	3.4	-2.2	4.5	2.2	3.5	3.9	.0	-1.2	4.7	24	7.2
22	1.5	2.7	1.4	3.7	2.1	2.2	6.4	3.6	5.4	5.1	4.1	5.5	4.0	4.3	4.3	-.3	4.2	4.5	.5	.8	.0	2.7	4.3	7.3	24	7.3
23	1.4	1.0	-1.2	.9	3.7	1.0	6.7	6.0	.3	3.5	4.3	.3	.7	AV	AV	2.4	4.6	3.7	1.4	4.0	4.8	5.8	4.6	4.0	22	6.7
24	6.0	3.8	3.9	8.5	4.8	2.1	-.3	4.5	-.2	-.4	3.9	-.4	4.7	1.8	2.3	2.2	2.4	3.1	1.7	3.6	.3	3.9	4.3	7.6	24	8.5
25	.1	.9	2.6	3.0	.5	2.3	3.7	1.7	5.0	-.9	2.2	7.4	3.5	4.8	3.9	4.8	4.2	.2	3.8	4.5	2.9	.2	2.9	1.7	24	7.4
26	3.7	4.4	-.8	3.5	5.0	.4	-.7	-2.5	3.6	2.3	4.9	7.6	7.6	10.2	11.1	9.5	7.6	4.6	7.2	9.4	14.3	5.3	4.9	7.0	24	14.3
27	2.8	.7	2.5	2.5	1.2	2.9	4.7	-1.1	2.9	2.4	1.6	1.2	3.1	-.2	2.5	3.2	-.5	-.7	2.9	4.0	AM	5.3	2.2	4.7	23	5.3
28	.5	1.6	-.8	1.1	1.8	3.4	-2.4	2.2	2.4	1.0	.0	1.4	3.8	3.2	3.8	2.8	4.1	2.0	6.0	1.1	AM	6.3	4.8	2.4	23	6.3
29	1.9	3.5	6.2	1.6	.0	1.2	-.5	.7	3.2	2.7	4.2	6.2	2.7	14.6	1.0	-.6	3.1	6.5	AM	-4.9	-.4	3.0	2.8	2.6	23	14.6
30	2.9	-1.0	1.8	.2	.3	.7	2.6	1.3	-4.5	4.0	-.2	-1.8	-.2	2.4	.5	-.9	.5	-.2	-.8	-3.2	1.3	4.0	5.3	3.3	24	5.3
31	2.2	2.4	1.4	3.6	4.7	2.3	4.5	3.0	1.6	1.3	2.0	.2	2.9	4.3	6.0	6.4	3.0	1.9	2.4	2.2	1.6	-.4	-1.8	3.6	24	6.4
NO.:	31	31	31	31	31	31	31	29	30	29	29	30	30	30	30	31	31	31	30	31	28	31	31	31	31	
MAX:	14.5	20.4	25.4	19.6	14.5	12.0	18.3	10.9	11.1	7.6	9.3	7.6	10.5	14.6	11.1	9.5	9.0	7.4	7.2	9.4	14.3	9.0	11.5	9.8		
AVG:	2.84	3.01	3.59	3.03	2.84	2.32	3.47	2.25	2.85	2.11	3.02	2.74	3.14	4.09	3.08	2.42	2.60	3.16	3.06	2.80	3.82	3.17	3.31	3.43		

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 3.01 MONTHLY MAX: 25.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: JUNE 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	3.7	4.7	2.0	4.1	3.0	1.5	6.7	.4	2.4	2.2	4.1	5.3	6.2	-.9	5.6	.9	1.7	5.8	3.0	4.3	3.2	9.7	3.6	.8	24	9.7	
2	-.9	1.3	2.4	1.8	6.2	5.9	6.5	3.7	5.3	1.2	2.7	7.7	4.7	6.4	5.5	1.4	1.2	4.6	3.6	.0	3.2	3.6	4.5	3.7	24	7.7	
3	4.8	2.1	-1.6	3.0	1.5	1.2	2.5	4.7	7.0	-2.0	2.3	2.9	AM	2.4	1.8	4.5	3.8	.0	.0	3.0	1.9	4.2	4.3	5.4	23	7.0	
4	5.1	4.2	3.1	5.0	6.4	4.5	6.0	.7	1.4	3.8	2.9	2.0	5.6	2.3	4.8	4.1	4.4	3.0	-.4	-1.5	5.4	4.2	1.8	-.9	24	6.4	
5	4.4	-.7	6.6	7.5	4.0	.6	6.2	2.2	5.6	-1.1	2.8	5.2	1.0	.8	1.7	3.7	-1.8	.4	.0	5.4	5.2	2.2	1.4	8.5	24	8.5	
6	5.2	5.7	.5	2.2	3.3	6.4	1.6	4.9	3.7	3.5	-.6	1.7	5.1	3.6	11.1	10.2	15.9	22.0	34.9	33.1	11.2	8.8	12.3	12.1	24	34.9	
7	5.9	4.5	1.9	1.1	1.9	1.9	1.8	3.5	1.1	3.1	1.6	1.2	.2	2.6	.0	1.4	-.6	2.9	.2	-.8	.8	-1.7	8.4	3.2	24	8.4	
8	2.5	6.3	2.0	3.8	4.3	1.7	-2.3	.5	1.8	2.0	5.5	.8	2.3	5.3	2.6	2.8	2.7	.1	2.5	1.5	1.8	1.4	4.8	1.8	24	6.3	
9	3.5	6.0	.9	4.7	.8	-1.1	1.5	-3.6	.9	2.3	3.5	.1	3.8	1.8	5.7	7.7	3.5	-.4	3.6	.2	2.6	10.6	5.4	-1.0	24	10.6	
10	3.1	5.7	1.6	.0	2.9	2.1	4.9	-1.1	-2.6	.5	1.6	1.4	1.3	2.9	3.6	4.4	2.7	3.0	3.6	8.5	2.3	3.4	14.6	11.5	24	14.6	
11	5.8	3.8	3.0	4.8	4.9	-.6	6.8	1.0	4.1	6.4	6.5	-3.2	7.6	3.5	5.4	5.4	.7	2.5	3.0	2.4	4.9	1.2	4.6	-.8	24	7.6	
12	11.9	7.6	6.1	5.4	3.9	3.2	4.2	.7	5.9	7.1	2.4	5.5	4.8	3.2	1.8	2.7	4.0	6.8	4.7	5.4	.6	5.2	6.8	.6	24	11.9	
13	.2	3.7	11.6	3.6	2.1	11.4	8.2	4.8	5.6	3.0	-.5	1.1	4.6	4.7	6.5	8.8	11.2	4.0	5.5	7.9	6.8	5.8	-.9	10.4	24	11.6	
14	6.1	4.5	.7	5.8	4.8	7.7	3.3	-.2	6.3	5.6	-3.1	2.3	3.3	.3	-.7	-.8	3.4	3.6	.8	.1	7.9	1.5	7.8	4.9	24	7.9	
15	10.4	1.7	1.9	3.1	9.3	5.7	4.8	-1.5	2.2	2.0	.6	4.6	3.4	5.8	8.2	.5	-2.5	3.2	5.9	-.4	1.6	AM	8.1	5.6	23	10.4	
16	9.0	1.4	1.2	4.8	8.4	-4.1	4.0	11.2	1.0	6.7	4.2	5.6	2.6	6.7	-.2	2.5	4.6	8.3	3.2	.6	5.7	3.2	1.8	3.1	24	11.2	
17	7.3	5.5	-3.0	-2.9	4.0	9.1	3.1	1.3	4.7	2.8	6.1	.1	2.6	1.6	1.9	4.2	1.7	11.6	4.1	5.6	6.1	1.6	1.8	12.7	24	12.7	
18	4.8	3.0	3.2	2.5	5.3	2.6	-.8	4.2	5.6	AM	-1.7	7.5	8.6	7.0	1.7	8.0	6.4	1.6	4.6	6.2	1.3	-.1	3.7	AM	22	8.6	
19	7.0	3.6	7.2	5.6	8.4	2.2	1.2	7.6	2.3	.6	2.4	-1.1	1.0	-2.8	2.3	3.9	.3	3.9	2.2	-2.0	1.1	3.0	5.6	4.3	24	8.4	
20	2.4	4.7	1.8	-1.5	-1.7	-.2	1.3	2.1	1.9	.3	-.6	-1.7	1.3	1.1	2.5	-.5	2.1	4.5	.5	4.7	-.2	8.2	.2	8.0	24	8.2	
21	3.8	1.5	7.3	3.7	6.0	-1.8	2.7	.7	3.6	2.4	1.5	4.6	1.5	3.1	2.9	1.1	2.9	1.3	3.7	5.1	6.3	1.3	4.9	4.9	24	7.3	
22	4.5	2.6	2.6	4.8	6.5	3.9	1.9	.6	1.5	2.6	5.8	5.1	13.2	3.5	3.6	-.5	4.2	5.3	4.8	3.7	2.0	2.6	.5	1.5	24	13.2	
23	1.3	-1.5	6.0	-.2	4.4	-1.2	3.1	2.4	3.6	6.3	2.0	1.0	3.4	4.1	3.4	4.2	-2.3	2.0	2.0	3.1	5.8	3.1	5.5	5.0	24	6.3	
24	4.7	4.5	8.0	6.7	4.6	3.3	3.7	2.6	8.1	4.4	4.6	8.4	-.3	2.7	4.2	4.4	4.5	2.4	3.6	5.4	3.9	2.8	1.9	4.9	24	8.4	
25	4.0	3.2	3.0	5.8	1.4	-.1	3.6	1.1	.4	6.9	4.9	6.0	1.0	4.9	5.3	1.6	4.1	3.9	-.3	1.4	4.1	6.5	5.4	4.4	24	6.9	
26	4.7	3.4	2.7	7.5	4.5	2.8	-.6	1.9	2.9	3.5	.6	-.3	-2.9	3.8	.8	8.2	3.2	4.8	.0	7.3	1.9	1.4	3.6	3.1	24	8.2	
27	3.3	4.4	4.7	5.7	2.1	3.2	.8	5.9	4.6	3.6	5.2	6.4	9.0	3.2	1.2	4.7	3.2	3.6	3.5	3.1	3.9	5.1	7.8	4.9	24	9.0	
28	4.1	6.2	5.7	3.5	-.3	6.2	6.1	7.8	5.5	-.1	7.7	6.7	5.2	1.3	-3.0	7.6	2.8	5.3	6.3	1.5	7.8	6.3	9.3	7.5	24	9.3	
29	6.3	6.9	12.2	10.0	2.1	8.8	5.6	7.5	9.2	6.1	5.7	BA	BA	12.6	8.7	8.5	5.8	2.5	.1	-.9	3.2	8.4	4.2	.6	22	12.6	
30	11.3	3.0	.6	6.8	-1.1	-2.6	9.9	1.8	1.8	BA	BA	15.5	AM	BA	BA	4.9	3.1	7.6	.5	4.1	5.5	5.1	2.8	4.8	19	15.5	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	28	29	29	27	29	29	30	30	30	30	30	30	29	30	29			
MAX:	11.9	7.6	12.2	10.0	9.3	11.4	9.9	11.2	9.2	7.1	7.7	15.5	13.2	12.6	11.1	10.2	15.9	22.0	34.9	33.1	11.2	10.6	14.6	12.7			
AVG:	5.01	3.78	3.53	3.96	3.80	2.81	3.61	2.65	3.58	3.06	2.78	3.53	3.71	3.36	3.41	4.02	3.23	4.34	3.66	3.93	3.93	4.09	4.88	4.67			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 3.72 MONTHLY MAX: 34.9

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: JULY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	6.9	5.3	5.5	5.4	6.5	1.3	2.6	7.4	6.5	2.8	7.0	5.4	5.8	4.9	4.2	3.3	5.9	1.9	5.0	6.0	7.5	4.1	7.6	5.5	24	7.6
2	5.0	5.5	2.0	.0	-1.3	5.8	7.4	2.7	-.3	4.0	6.3	2.8	3.1	4.9	9.1	6.2	3.8	4.7	6.2	5.1	2.2	2.3	3.4	8.1	24	9.1
3	5.2	5.2	5.9	1.6	7.3	11.6	3.7	3.8	.8	2.9	5.0	3.4	3.5	.3	6.2	3.5	2.9	2.6	7.3	1.5	2.6	7.3	4.3	7.3	24	11.6
4	5.0	3.7	1.7	5.2	6.5	4.9	5.9	11.8	-.4	3.5	4.2	4.7	2.3	5.0	1.6	2.9	7.1	6.0	16.4	4.6	5.4	1.6	6.6	6.0	24	16.4
5	5.2	5.2	4.4	7.7	5.8	4.9	4.8	2.6	5.2	3.7	8.8	4.5	2.8	2.6	3.3	4.0	4.3	3.2	5.7	2.1	3.2	-.2	3.7	5.0	24	8.8
6	3.7	.1	1.8	1.1	3.7	4.6	2.0	4.5	3.2	2.1	3.3	3.4	.5	7.2	3.3	3.0	2.4	.2	4.8	2.2	3.3	4.1	1.0	3.0	24	7.2
7	4.2	2.6	6.3	5.8	4.9	2.9	5.1	6.0	AV	AV	AV	AV	AV	5.5	2.9	4.2	1.2	5.0	5.5	6.5	6.0	7.6	5.2	2.9	19	7.6
8	5.6	1.3	7.7	1.2	10.7	.3	5.0	7.0	5.8	5.2	4.8	6.1	6.0	3.5	2.9	3.2	4.8	3.0	2.7	2.2	2.2	2.7	4.7	5.2	24	10.7
9	6.5	9.3	10.7	8.0	6.7	4.3	8.6	5.9	6.1	6.0	1.4	5.5	2.3	7.5	-3.2	1.4	2.6	3.7	3.5	5.3	3.8	3.6	3.0	3.5	24	10.7
10	4.2	-.9	7.0	.8	6.2	1.6	4.7	3.9	8.6	7.9	7.8	2.5	7.3	3.4	5.0	4.1	2.9	2.6	3.4	3.3	2.0	1.9	6.0	7.0	24	8.6
11	8.2	10.0	1.2	4.1	5.4	3.4	5.0	2.5	.4	5.2	.9	4.9	7.5	2.6	7.3	4.9	2.1	1.8	5.1	1.1	2.5	3.8	4.3	1.0	24	10.0
12	-.3	4.8	1.6	3.2	3.8	3.2	1.9	6.2	.5	4.7	3.2	3.7	3.9	7.3	10.6	AZ	AZ	AZ	AZ	AZ	AZ	4.2	5.1	1.0	18	10.6
13	4.2	3.3	5.8	1.3	3.0	4.1	3.8	10.4	3.9	1.9	6.1	3.9	1.5	5.9	1.3	1.6	1.2	2.3	.2	4.2	-2.7	-.3	.3	2.6	24	10.4
14	-.9	.7	-1.3	7.8	3.8	.2	3.9	2.7	3.4	4.2	5.9	5.1	2.9	4.3	.1	3.2	4.5	5.0	2.7	5.0	1.4	2.4	4.8	3.6	24	7.8
15	1.2	9.6	6.1	.0	3.2	7.4	3.1	1.3	6.9	3.5	2.7	3.8	2.6	2.8	4.2	.3	.7	-1.7	4.5	-.4	-.1	1.7	2.3	6.2	24	9.6
16	.2	-2.0	2.7	3.8	.5	.0	5.9	5.3	3.7	1.4	2.5	4.2	1.3	4.5	1.7	1.3	.3	2.6	.5	5.0	1.4	2.5	5.6	-.8	24	5.9
17	4.1	2.1	2.9	3.9	.2	6.6	3.2	8.2	8.0	4.9	5.1	6.8	4.1	4.0	-.8	4.3	1.1	2.3	3.6	2.4	1.9	.6	4.3	3.4	24	8.2
18	3.6	4.9	2.6	3.1	3.1	2.0	4.6	4.7	7.8	2.3	.0	3.9	5.7	5.5	5.4	3.3	6.2	6.5	4.8	5.5	4.7	4.8	9.8	6.5	24	9.8
19	9.5	6.2	.1	2.1	3.2	4.4	6.6	5.5	2.3	4.4	4.9	1.2	1.0	6.0	3.0	.7	3.9	2.2	4.4	4.6	4.5	2.4	4.6	2.3	24	9.5
20	5.2	4.6	5.2	1.3	.9	1.8	3.8	1.4	2.9	1.7	2.1	5.0	2.8	8.3	6.5	1.8	5.1	6.2	2.9	4.0	2.8	6.5	2.4	6.2	24	8.3
21	6.5	4.5	7.3	6.0	2.8	8.6	-.3	2.0	5.6	4.2	3.9	4.9	2.0	4.3	2.1	.0	-.6	5.6	4.3	3.7	2.6	4.2	1.2	3.3	24	8.6
22	-.8	4.7	1.7	7.4	3.6	5.8	2.9	.1	4.7	3.7	1.5	5.0	3.3	1.7	-1.5	1.2	-1.0	4.6	6.3	2.9	2.6	3.9	.8	2.5	24	7.4
23	.9	7.6	-2.9	.5	4.7	4.0	4.5	1.4	1.1	2.5	6.2	.1	2.8	5.5	3.7	3.1	2.8	6.0	3.5	2.8	3.8	7.0	5.4	5.9	24	7.6
24	5.1	4.6	4.6	5.3	3.9	1.8	4.2	5.9	7.6	3.2	6.8	5.2	1.7	6.9	.5	.1	5.5	.6	3.2	2.9	3.6	5.0	3.4	5.2	24	7.6
25	4.2	7.6	4.6	7.0	3.1	3.8	6.0	3.6	4.4	4.9	5.5	5.4	5.4	1.7	2.6	3.2	5.8	3.5	7.4	1.7	4.3	6.6	5.1	3.8	24	7.6
26	2.2	1.6	2.9	6.4	4.2	3.2	2.3	4.4	.2	3.2	3.3	6.5	1.5	3.6	5.6	6.8	4.0	7.3	5.1	1.4	4.8	1.7	1.3	7.6	24	7.6
27	3.0	.7	9.2	7.6	4.5	-.5	.5	3.8	5.3	10.2	5.9	2.3	5.7	3.9	4.3	7.2	5.8	6.0	-1.6	-3.1	4.8	4.2	-.7	3.4	24	10.2
28	5.4	7.8	5.9	5.5	6.3	1.1	2.9	4.8	7.6	3.3	8.5	5.7	6.3	3.8	5.1	9.0	6.6	4.4	3.2	3.3	5.6	5.1	2.8	6.9	24	9.0
29	3.7	7.5	9.7	8.1	4.6	7.4	4.7	1.0	5.1	6.9	2.8	8.9	4.3	7.3	4.2	5.1	4.6	6.2	1.6	3.5	5.0	7.3	2.6	5.6	24	9.7
30	4.1	5.1	6.0	6.9	4.5	7.4	16.9	9.0	8.6	4.6	3.0	6.7	6.7	7.8	7.9	3.0	2.9	6.5	3.6	3.4	7.6	6.8	4.6	6.3	24	16.9
31	8.4	6.6	7.2	5.4	3.8	6.2	5.5	5.6	4.5	6.0	3.1	2.9	1.2	2.3	3.7	3.7	4.4	2.6	2.6	3.7	.6	-.5	6.8	2.8	24	8.4
NO.:	31	31	31	31	31	31	31	31	30	30	30	30	30	31	31	30	30	30	30	30	30	31	31	31		
MAX:	9.5	10.0	10.7	8.1	10.7	11.6	16.9	11.8	8.6	10.2	8.8	8.9	7.5	8.3	10.6	9.0	7.1	7.3	16.4	6.5	7.6	7.6	9.8	8.1		
AVG:	4.17	4.51	4.39	4.31	4.20	4.00	4.57	4.69	4.33	4.17	4.42	4.48	3.59	4.67	3.64	3.32	3.46	3.78	4.28	3.21	3.33	3.71	3.95	4.48		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 4.07 MONTHLY MAX: 16.9

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.6	2.2	1.9	2.5	5.3	4.7	4.5	6.1	5.7	6.2	8.0	1.7	4.1	7.7	2.0	3.3	2.5	2.5	5.2	2.8	4.4	3.1	4.3	2.9	24	8.0	
2	4.7	5.4	7.1	-1.2	4.1	-4	2.6	3.0	1.8	4.2	2.3	4.3	5.4	3.9	5.9	4.2	4.6	4.3	2.8	4.4	3.8	3.2	1.9	1.1	24	7.1	
3	6.1	3.9	2.9	5.2	4.9	2.4	6.7	5.7	10.0	6.7	5.9	5.9	6.0	3.3	2.7	4.1	2.8	-7	5.0	1.9	2.2	2.4	2.6	-2.3	24	10.0	
4	6.4	4.4	3.7	6.0	-1.0	2.5	6.3	-1.7	2.9	8.5	3.5	3.1	3.3	4.9	.0	4.5	4.1	1.1	1.9	.0	4.1	.4	3.4	4.7	24	8.5	
5	3.9	-4.0	3.4	4.5	7.0	1.3	4.1	5.2	4.3	-3.6	1.1	2.9	4.5	3.4	.3	3.5	4.1	2.9	3.4	3.7	4.9	4.3	1.3	.6	24	7.0	
6	7.4	1.2	3.1	7.9	6.9	-.9	4.1	4.4	-.5	-1.7	2.5	2.4	4.8	8.3	7.4	3.5	5.2	-1.4	2.7	3.2	1.7	2.3	3.2	3.1	24	8.3	
7	3.8	2.9	1.0	3.4	4.3	4.6	5.0	1.3	-.3	12.3	6.9	3.9	1.0	2.3	-.6	2.2	1.6	3.3	-.4	2.1	-.1	1.7	4.6	4.1	24	12.3	
8	4.9	4.3	4.2	8.5	2.8	5.9	4.6	7.4	3.0	2.5	2.6	3.8	6.4	4.9	1.1	5.7	4.4	4.2	2.3	4.4	3.1	4.4	1.7	5.6	24	8.5	
9	5.5	4.9	5.5	-.6	8.0	5.1	1.3	3.5	.7	5.2	3.8	6.3	2.9	4.5	-.1	1.4	.7	3.8	3.7	6.1	4.8	2.3	.0	3.6	24	8.0	
10	2.9	6.9	.0	7.7	3.6	.6	2.2	3.1	3.1	5.3	8.5	6.5	6.9	8.8	2.7	1.3	4.8	6.2	-.7	5.1	3.6	2.5	2.8	2.6	24	8.8	
11	6.8	5.3	3.3	5.3	3.8	2.6	3.6	2.7	3.4	5.4	1.1	4.9	8.5	5.4	3.5	.2	1.8	4.6	2.8	5.2	2.8	6.1	4.3	7.1	24	8.5	
12	4.9	1.7	6.5	9.4	-1.6	6.6	3.2	3.2	6.8	5.8	6.6	1.0	4.0	4.3	-.1	7.2	7.5	.3	3.1	3.2	5.6	2.6	6.6	4.3	24	9.4	
13	1.9	2.9	2.7	5.9	8.9	7.7	5.6	.6	.1	5.5	8.4	2.4	5.4	3.9	6.0	2.7	5.8	4.3	3.2	5.1	3.7	4.6	4.2	4.6	24	8.9	
14	6.2	3.1	4.3	7.0	4.3	3.3	2.0	4.3	2.2	.0	5.6	2.7	5.7	5.7	2.7	3.3	6.4	1.4	9.4	1.7	3.8	3.7	7.0	.8	24	9.4	
15	6.4	1.9	1.3	4.6	.5	7.8	-.7	1.7	-1.4	2.3	1.7	1.5	2.3	.5	3.5	2.9	3.0	2.6	6.1	-.7	5.9	9.2	6.0	3.1	24	9.2	
16	4.6	.6	-1.0	-2.1	8.5	1.3	5.9	3.6	7.4	2.5	2.0	2.6	5.8	2.0	3.4	1.9	4.8	2.6	4.4	3.2	7.1	4.0	2.9	5.1	24	8.5	
17	6.4	3.6	2.4	5.7	3.3	4.8	-.9	5.5	3.5	4.4	8.8	BA	BA	3.4	3.1	4.4	-.6	3.6	2.7	1.7	3.4	3.2	4.5	1.4	22	8.8	
18	3.3	-.5	3.9	5.1	4.4	1.2	-.1	-1.7	-1.0	4.9	6.7	2.1	4.3	1.8	1.9	2.4	3.5	5.3	2.6	1.4	3.8	5.3	3.9	2.8	24	6.7	
19	2.7	3.4	4.2	5.3	2.7	1.6	4.6	3.9	4.9	6.1	.7	3.9	2.5	.6	4.3	1.1	5.3	4.1	3.1	1.2	2.4	1.4	3.8	7.1	24	7.1	
20	1.2	4.4	4.6	3.2	.5	4.8	7.3	3.9	3.5	9.2	1.7	5.7	.7	2.1	2.1	4.5	1.1	5.1	2.2	4.8	.7	4.3	2.6	1.2	24	9.2	
21	1.5	3.0	5.0	9.3	-2.2	1.6	5.0	-.9	3.5	4.8	1.6	2.0	5.5	5.5	7.7	5.2	1.6	1.4	.1	2.4	2.2	.3	1.4	5.3	24	9.3	
22	5.8	4.3	5.8	2.0	1.8	1.3	1.2	3.6	5.4	4.7	2.1	5.3	6.4	3.8	3.6	3.5	1.8	2.5	3.1	2.7	1.8	3.0	2.9	6.2	24	6.4	
23	3.8	4.4	3.0	5.0	6.3	7.3	4.1	7.5	4.5	2.2	2.8	6.3	2.7	4.0	4.2	6.1	.9	3.5	3.1	.5	4.9	.7	2.7	.6	24	7.5	
24	4.7	5.0	-.3	5.2	2.6	1.9	3.6	6.3	4.9	3.8	5.7	5.2	1.6	4.6	5.8	4.5	2.8	.1	3.0	3.5	3.7	3.8	2.0	1.8	24	6.3	
25	1.0	1.6	6.5	2.4	5.1	3.0	5.7	2.7	3.6	2.3	4.2	2.9	3.2	2.9	2.7	4.6	5.6	.9	1.7	2.2	2.1	2.9	3.1	5.1	24	6.5	
26	6.8	2.6	7.0	-1.5	8.4	3.1	5.4	.3	4.2	5.0	6.2	.0	4.0	4.2	5.5	2.2	2.6	.0	2.5	1.3	2.0	2.7	5.3	.7	24	8.4	
27	7.0	4.9	5.3	2.2	2.3	2.8	9.0	1.6	4.2	3.6	4.8	.1	3.2	3.1	4.2	4.0	4.3	3.9	1.0	2.0	1.4	2.3	7.5	.3	24	9.0	
28	5.0	3.0	2.2	2.3	6.2	3.6	5.2	.2	6.9	7.9	5.6	2.9	3.9	-.9	4.7	4.1	2.7	-.8	1.5	4.0	5.0	2.8	2.5	7.0	24	7.9	
29	3.4	1.7	3.3	1.3	4.7	-.6	1.6	-.2	4.7	-1.3	5.9	3.2	2.8	4.7	.5	4.3	3.0	3.0	2.4	1.3	1.8	4.8	.2	4.8	24	5.9	
30	7.2	3.0	2.0	.3	5.0	8.6	1.4	6.2	1.8	1.8	6.6	4.3	4.5	2.6	6.0	3.0	3.6	3.2	4.2	2.8	2.6	1.0	-.4	5.2	24	8.6	
31	5.4	-.1	1.5	3.7	3.3	1.7	10.2	.8	3.3	3.5	4.2	2.8	4.1	2.9	3.0	5.0	7.5	11.2	8.1	7.7	8.0	8.2	2.7	3.0	24	11.2	
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	7.4	6.9	7.1	9.4	8.9	8.6	10.2	7.5	10.0	12.3	8.8	6.5	8.5	8.8	7.7	7.2	7.5	11.2	9.4	7.7	8.0	9.2	7.5	7.1			
AVG:	4.59	2.96	3.43	4.05	4.02	3.28	4.01	3.03	3.45	4.19	4.45	3.42	4.21	3.84	3.22	3.57	3.54	2.87	3.10	2.93	3.46	3.34	3.27	3.34			

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 3.57 MONTHLY MAX: 12.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	2.0	.0	-.5	.3	-2.1	5.5	3.7	-.2	3.6	4.7	4.7	5.6	2.9	4.9	2.3	4.4	2.9	3.6	3.7	.8	4.0	3.2	4.1	2.1	24	5.6	
2	3.4	-.6	5.0	6.0	1.2	6.3	5.1	1.3	1.4	4.3	2.2	7.5	3.0	3.5	5.1	2.5	4.4	3.9	3.3	5.8	.1	5.5	6.0	1.5	24	7.5	
3	4.3	5.0	4.0	4.9	-.3	1.3	2.5	4.2	5.6	-.8	4.2	5.9	6.7	5.0	5.3	5.6	3.3	1.3	3.3	5.6	4.9	5.6	7.2	4.5	24	7.2	
4	7.8	6.1	6.3	2.9	5.7	5.7	5.4	.0	4.0	6.6	2.9	5.7	2.1	.4	3.0	3.9	3.1	.0	2.1	.0	2.1	1.7	3.8	5.9	24	7.8	
5	4.3	-.3	5.4	8.7	2.0	-4.7	1.4	1.0	3.6	8.8	3.8	4.9	8.2	2.4	1.6	5.5	7.4	7.1	7.7	1.7	3.7	2.5	2.0	-.4	24	8.8	
6	4.3	2.7	3.1	7.1	3.8	2.9	6.3	5.1	6.0	2.7	2.9	6.1	2.5	2.8	4.9	3.0	1.9	3.2	4.2	2.9	3.8	3.9	5.4	5.1	24	7.1	
7	6.5	5.0	4.7	6.6	7.7	9.3	4.5	4.9	6.7	3.9	2.4	9.6	7.3	6.4	4.8	8.9	5.8	5.3	7.8	9.9	7.4	5.5	4.7	10.3	24	10.3	
8	3.5	7.2	4.0	7.3	10.2	10.8	3.3	6.5	1.1	14.4	5.2	4.0	1.9	5.8	4.5	3.6	1.5	-.5	-1.0	5.1	-1.2	3.6	.6	2.2	24	14.4	
9	1.8	4.9	-.9	4.3	1.1	5.5	3.1	4.1	1.6	7.9	-.2	6.3	5.8	7.1	3.8	2.2	2.1	4.6	2.8	6.4	2.3	6.7	4.7	11.1	24	11.1	
10	9.7	7.4	3.0	5.3	3.8	5.8	4.3	5.0	2.7	4.6	1.7	4.0	2.8	2.9	3.5	6.1	2.9	5.7	5.4	2.2	2.4	2.4	7.6	2.0	24	9.7	
11	5.3	4.9	2.5	3.2	3.8	1.7	3.3	7.1	6.3	1.6	1.6	4.1	4.8	.1	3.7	1.5	-.3	5.2	.8	4.0	3.6	2.7	1.7	.0	24	7.1	
12	-.6	1.4	.5	2.3	6.0	.9	3.1	1.7	2.4	3.7	2.2	1.9	2.5	.1	3.8	3.7	2.8	4.7	4.3	5.1	3.0	6.9	5.3	4.7	24	6.9	
13	4.0	.9	5.7	1.4	4.6	2.5	2.5	4.6	3.9	2.8	2.2	5.3	6.2	1.3	3.7	3.3	2.2	1.7	3.9	1.1	3.8	4.6	2.1	5.8	24	6.2	
14	8.2	6.2	2.3	5.8	5.3	2.8	2.3	3.5	9.9	.6	6.4	3.9	3.3	1.3	3.8	4.4	2.8	1.1	2.3	.9	1.8	-4.6	-1.1	2.0	24	9.9	
15	1.4	3.8	3.2	3.8	1.9	5.1	3.4	4.4	4.7	.5	4.2	1.8	4.1	4.0	2.6	4.3	2.9	3.0	4.8	4.2	5.4	8.7	3.8	8.7	24	8.7	
16	6.5	-.4	4.1	5.4	5.9	4.0	6.4	4.3	7.9	6.7	2.6	3.0	4.4	7.5	11.7	3.9	.9	-1.0	5.7	AM	-3.1	3.6	3.7	.8	23	11.7	
17	1.7	-1.7	-.5	4.2	1.3	1.8	3.7	4.3	1.3	2.3	3.8	2.1	6.3	2.8	3.3	2.2	2.8	2.6	4.2	6.0	7.3	4.6	6.3	5.3	24	7.3	
18	4.9	2.9	4.8	8.5	4.2	3.5	3.0	4.8	4.5	4.6	5.0	2.9	4.1	2.3	1.2	5.6	.7	3.4	2.7	5.1	2.9	1.0	1.7	2.0	24	8.5	
19	2.5	4.8	.7	1.9	3.3	3.0	1.7	3.1	-2.1	3.9	4.6	5.2	2.3	2.0	1.7	3.3	.8	3.9	4.7	2.8	2.3	8.3	.9	3.2	24	8.3	
20	1.1	4.0	2.2	8.9	2.3	1.5	3.4	4.2	2.3	2.9	1.7	7.5	2.8	4.3	2.4	6.8	-.6	4.0	2.5	2.7	1.3	3.9	-3.0	-2.3	24	8.9	
21	2.9	1.3	3.5	3.2	2.0	.7	1.9	.8	.9	3.3	3.2	3.4	5.0	4.5	2.3	6.9	1.9	.3	3.5	5.6	2.5	2.8	3.8	3.1	24	6.9	
22	2.2	2.6	2.2	3.4	7.1	4.7	4.4	2.8	3.6	3.0	2.0	3.9	2.4	3.3	1.6	3.4	1.0	2.6	1.9	5.3	1.8	7.2	9.1	1.9	24	9.1	
23	6.4	2.2	2.2	1.5	.2	2.7	5.2	.9	2.0	4.9	3.8	5.5	5.8	2.1	4.0	4.4	1.8	1.6	6.1	3.8	4.0	2.4	2.9	.7	24	6.4	
24	3.9	5.9	1.3	4.3	4.7	1.3	2.3	4.2	8.1	3.2	3.5	3.3	3.4	6.2	4.4	1.8	4.1	1.5	1.5	3.1	2.4	.8	4.5	4.2	24	8.1	
25	4.2	.9	2.7	5.9	4.4	4.0	3.7	.0	4.7	3.8	4.1	7.4	6.1	2.9	3.1	2.1	3.8	.5	3.8	4.2	5.9	2.6	2.0	-.6	24	7.4	
26	1.4	1.8	4.9	6.2	5.3	2.9	2.7	1.8	3.7	4.3	5.2	1.1	BA	8.5	3.6	3.5	.7	4.1	-.3	1.3	.6	3.6	.0	4.0	23	8.5	
27	-1.2	1.6	1.5	4.7	-1.0	6.0	.1	3.0	2.5	6.2	1.1	7.2	3.7	6.0	3.4	4.4	3.0	7.4	1.1	5.8	4.9	5.2	2.3	3.5	24	7.4	
28	3.9	8.2	2.0	4.3	.2	3.2	1.1	.7	4.6	5.7	4.6	4.3	2.7	6.5	4.9	4.3	3.1	3.6	4.7	5.8	5.2	2.3	.4	3.7	24	8.2	
29	1.8	-.3	3.3	4.1	1.2	4.0	5.5	1.8	2.6	2.6	3.3	3.7	3.0	4.3	3.0	3.2	2.8	4.6	3.7	5.0	3.9	2.0	5.3	6.0	24	6.0	
30	5.7	3.4	6.1	3.5	2.6	4.8	4.4	4.6	5.9	5.8	4.8	4.8	.5	3.1	5.2	5.6	3.9	1.3	2.9	.5	3.4	.3	6.8	3.8	24	6.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	29	30	30	30	30	30		
MAX:	9.7	8.2	6.3	8.9	10.2	10.8	6.4	7.1	9.9	14.4	6.4	9.6	8.2	8.5	11.7	8.9	7.4	7.4	7.8	9.9	7.4	8.7	9.1	11.1			
AVG:	3.79	3.06	2.98	4.66	3.28	3.65	3.46	3.15	3.87	4.32	3.32	4.73	4.02	3.81	3.74	4.14	2.55	3.01	3.47	3.89	3.08	3.65	3.49	3.49			

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 3.61 MONTHLY MAX: 14.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	5.8	2.8	3.8	4.0	4.8	4.0	6.6	-1	2.8	6.8	6.1	1.2	5.3	2.5	5.2	4.6	6.4	3.4	6.2	3.6	3.6	5.1	6.2	5.6	24	6.8	
2	7.7	2.0	2.2	3.2	2.8	1.8	5.5	1.9	7.1	-8	7.1	4.1	3.1	1.6	6.9	2.0	9.1	4.1	5.5	3.5	5.0	.9	7.6	2.2	24	9.1	
3	6.4	2.9	4.4	3.0	3.1	.6	2.9	.4	5.0	5.9	7.0	3.7	6.6	1.5	6.5	4.1	1.8	1.7	6.8	2.2	1.5	2.9	9.1	7.9	24	9.1	
4	8.5	7.5	7.8	3.8	-2.1	3.7	5.7	5.1	3.1	1.6	AM	.7	.2	4.0	8.1	3.1	2.5	1.3	5.9	.4	4.1	-.2	.3	3.0	23	8.5	
5	3.1	.4	1.1	-4.3	1.0	3.9	3.6	2.6	2.5	6.9	2.8	1.0	.9	3.8	2.2	-1.1	3.6	2.8	5.5	4.3	4.4	4.3	1.0	3.2	24	6.9	
6	1.6	5.6	5.7	8.0	1.2	2.8	-1.0	-2.3	1.1	-.3	4.2	3.6	3.9	3.4	-.8	2.4	-.6	1.8	1.3	4.3	-.8	2.6	-2.1	3.1	24	8.0	
7	2.4	2.6	1.0	5.1	3.0	4.1	-.4	5.7	.8	6.2	1.3	2.3	-.2	4.0	-1.4	1.6	-.3	3.1	-.4	1.5	-.5	1.9	.7	2.6	24	6.2	
8	3.1	2.9	3.5	4.1	.5	3.4	1.1	3.0	-1.4	5.1	1.4	5.5	-.8	6.4	.7	6.2	1.6	5.5	1.6	7.0	2.8	5.0	2.1	6.4	24	7.0	
9	3.2	9.1	2.2	6.0	1.3	7.7	3.4	6.8	4.1	6.8	-.8	5.3	.7	4.3	3.1	5.6	.6	6.9	.8	3.6	2.1	7.6	1.6	3.1	24	9.1	
10	2.1	3.4	5.2	2.6	2.3	4.0	1.2	5.1	.6	3.7	3.6	8.8	2.0	8.0	2.1	3.5	-.8	2.2	3.5	1.8	1.7	1.6	3.6	.2	24	8.8	
11	4.3	1.4	5.7	4.9	2.0	2.0	1.9	3.5	3.3	2.5	5.2	3.9	1.3	2.9	-2.0	2.3	.9	-2.9	3.3	3.4	2.8	5.0	2.2	1.3	24	5.7	
12	4.1	3.6	1.4	6.8	6.1	4.2	3.2	1.6	.0	3.0	1.2	4.0	2.1	.6	1.6	3.5	5.2	1.9	5.0	3.7	7.8	5.6	7.4	.6	24	7.8	
13	7.5	.6	6.7	6.4	2.8	3.7	3.9	1.8	5.0	3.9	6.3	2.1	5.2	5.0	6.4	3.4	6.9	6.0	7.4	2.2	5.3	1.8	5.6	.1	24	7.5	
14	6.7	.2	1.8	1.8	3.6	.9	4.4	-.2	2.6	4.5	3.9	2.2	6.4	5.1	6.9	3.6	7.4	3.5	6.6	4.3	5.7	.1	3.1	-1.0	24	7.4	
15	3.0	3.1	2.1	3.7	5.2	-.9	5.7	-2.0	.8	.4	4.0	4.0	3.9	.9	4.5	2.4	3.5	2.0	3.9	4.8	9.4	5.3	3.4	.9	24	9.4	
16	1.7	.6	.3	1.5	2.4	.9	1.6	2.2	2.9	5.4	1.8	4.8	6.3	3.8	5.0	-.4	1.1	2.1	1.2	5.6	8.1	4.0	5.4	1.9	24	8.1	
17	4.5	2.2	1.6	.0	4.0	.0	1.1	3.9	4.5	-1.6	1.8	2.2	2.9	-1.8	AM	.5	2.3	.4	6.6	1.1	2.3	2.3	5.9	.6	23	6.6	
18	1.7	.3	1.7	.9	1.5	-.2	2.4	5.5	3.2	4.1	1.9	.7	-.2	1.0	4.3	.6	2.8	-1.4	2.7	1.8	1.6	2.0	2.3	2.2	24	5.5	
19	1.7	.8	2.6	2.7	3.0	.6	.0	1.9	.1	5.9	7.5	4.9	1.1	6.9	2.1	5.7	4.8	5.4	1.6	4.0	6.5	4.5	.6	1.8	24	7.5	
20	-1.9	4.6	3.8	3.5	-.1	5.7	1.4	3.8	.0	7.8	2.1	3.5	-.5	4.4	3.4	4.2	3.8	6.8	5.7	6.9	3.1	4.4	4.2	5.4	24	7.8	
21	.9	4.5	4.3	5.9	2.1	1.2	3.4	.8	6.8	.9	-1.6	4.8	6.5	4.9	4.3	8.2	3.0	5.1	4.1	7.2	8.5	8.3	6.9	.0	24	8.5	
22	3.8	-.8	5.5	4.6	1.2	5.1	.9	1.9	1.7	-1.1	8.7	4.9	3.3	2.3	1.6	4.6	2.8	2.6	1.8	-.3	4.2	-2.6	-.9	2.6	24	8.7	
23	-1.2	2.5	-2.1	3.0	1.0	.9	.8	3.8	1.3	-3.9	2.0	3.4	.9	3.5	3.5	4.6	1.7	.5	-2.3	1.1	3.2	3.5	2.3	1.8	24	4.6	
24	1.9	4.6	3.1	.0	.6	1.3	-.1	1.2	3.6	-3.5	-1.9	4.1	.5	1.0	1.3	8.6	1.7	3.8	3.6	1.6	.2	3.2	4.5	1.5	24	8.6	
25	2.1	2.3	.7	7.8	2.8	5.1	1.8	7.7	8.6	5.7	.1	-.2	4.5	1.7	5.3	-.7	6.3	2.9	.8	4.0	-.7	6.3	1.7	3.0	24	8.6	
26	3.1	3.7	1.3	1.1	3.6	4.2	.1	3.2	-.4	2.9	4.5	5.7	1.4	8.5	.0	3.7	.8	5.6	3.6	5.7	2.1	3.1	3.9	2.5	24	8.5	
27	2.3	5.4	.5	3.7	5.1	3.8	6.0	8.2	3.6	2.3	.8	6.7	1.2	3.8	-1.3	-.3	10.9	3.8	1.3	5.4	4.5	6.5	9.7	7.5	24	10.9	
28	3.0	5.4	6.5	10.5	4.0	8.1	6.6	5.3	3.2	9.7	6.0	8.7	7.9	4.5	10.1	5.8	5.0	9.1	7.8	8.3	4.9	9.8	7.7	9.2	24	10.5	
29	5.6	8.8	7.4	6.2	7.3	11.9	7.1	7.8	8.2	5.5	6.7	7.9	10.0	6.7	9.3	8.3	32.8	15.0	12.6	10.0	9.9	7.7	9.2	9.6	24	32.8	
30	5.9	7.2	-.2	4.3	3.9	3.5	2.7	6.0	6.5	6.7	9.5	6.6	7.6	7.1	4.2	5.2	4.5	1.13	5.73	5.03	7.33	4.03	7.73	3.93	24	9.5	
31	4.6	2.8	5.5	1.0	5.8	2.4	5.5	1.8	3.7	.9	3.63	2.83	8.13	12.83	9.83	4.13	9.13	1.63	9.03	2.13	-.13	7.33	-.43	6.83	24	12.8	
NO.:	31	31	31	31	31	31	31	31	31	31	30	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31
MAX:	8.5	9.1	7.8	10.5	7.3	11.9	7.1	8.2	8.6	9.7	9.5	8.8	10.0	12.8	10.1	8.6	32.8	15.0	12.6	10.0	9.9	9.8	9.7	9.6			
AVG:	3.52	3.32	3.13	3.74	2.77	3.24	2.87	3.16	3.06	3.35	3.56	4.00	3.29	4.04	3.76	3.55	4.55	3.47	4.15	3.87	3.89	3.99	3.95	3.21			

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 3.56 MONTHLY MAX: 32.8

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	-1.33	4.73	2.63	-.83	.73	-1.2	5.1	-1.7	6.0	6.6	2.7	1.1	4.2	-4.3	.4	-2.6	6.8	-1.9	2.7	-2.2	2.5	-2.5	5.9	-.3	24	6.8	
2	4.1	-4.6	4.5	-4.1	4.6	-3.1	4.4	-.9	6.1	3.4	4.7	-1.2	6.0	-3.8	5.1	-1.0	2.6	-1.7	3.3	1.0	5.2	-3.7	3.7	-2.9	24	6.1	
3	2.0	.1	4.8	.2	3.7	.5	4.1	1.0	4.9	2.2	6.2	-2.1	4.0	2.5	4.8	-.9	-.9	-1.7	1.6	1.7	3.1	.3	7.3	.1	24	7.3	
4	4.9	3.3	5.9	1.6	6.5	-1.3	1.1	3.4	5.2	.7	6.5	-.4	8.0	1.9	3.3	5.0	-3.8	-1.3	.0	1.1	3.7	3.7	5.8	1.5	24	8.0	
5	1.8	-3.4	3.2	1.2	3.5	.8	-.9	.0	1.5	-.2	.9	4.0	3.2	-.7	3.1	4.23	-2.53	.0	.2	-.7	.5	1.0	.1	.1	24	4.2	
6	1.4	4.5	4.5	3.8	1.0	3.7	.3	.6	-1.9	3.5	-2.0	1.3	2.2	2.0	3.8	3.6	.1	-.2	1.9	3.3	-.2	2.9	-1.7	4.7	24	4.7	
7	1.8	5.0	.4	1.7	2.2	5.1	.1	4.5	1.6	6.0	-.9	4.3	.5	4.8	1.5	7.3	-2.0	4.6	2.0	3.2	-.2	7.3	.1	7.5	24	7.5	
8	-2.1	4.0	2.1	5.0	1.8	3.5	-.1	3.2	-1.0	5.2	-2.9	3.1	1.6	5.6	1.0	6.3	5.0	3.7	1.7	8.7	.4	4.1	5.3	4.4	24	8.7	
9	.2	8.7	1.7	3.5	-.7	3.0	-.1	5.4	-2.0	4.7	3.2	7.6	.2	6.7	3.1	4.6	4.1	7.0	5.8	8.1	6.0	3.2	2.7	4.8	24	8.7	
10	3.3	4.4	.9	1.3	1.0	1.6	3.3	.7	1.4	6.6	2.8	6.1	9.8	6.8	1.5	2.7	1.4	5.3	1.4	7.1	6.3	6.0	.8	4.6	24	9.8	
11	7.1	8.0	-.7	5.4	1.5	3.2	1.9	5.1	3.6	3.0	6.3	8.0	7.2	6.5	4.8	6.2	4.5	5.0	3.9	4.2	6.5	5.4	3.3	4.8	24	8.0	
12	6.6	7.4	9.8	5.6	6.3	6.4	6.1	3.5	6.9	2.3	6.2	4.7	4.8	2.9	1.0	3.6	3.5	-.6	4.4	-.6	5.3	1.6	2.0	2.5	24	9.8	
13	3.6	-.5	5.4	AM	1.7	-.4	5.2	-2.5	3.4	-2.9	2.3	-2.9	4.0	-2.7	10.5	-3.0	3.5	-2.4	4.2	-.8	6.0	-3.0	4.2	-1.7	23	10.5	
14	4.3	-1.8	-.2	-4.1	2.6	-1.1	8.1	-.3	2.7	-2.8	6.5	-3.5	4.5	.1	1.5	-.9	.4	-1.6	5.2	-4.1	5.6	-.8	5.2	.4	24	8.1	
15	5.3	-.9	7.8	1.2	7.3	2.2	8.5	.0	3.9	1.2	8.0	-1.0	6.2	1.2	6.2	-.6	4.7	1.2	3.5	1.5	4.0	-2.8	1.9	.1	24	8.5	
16	4.6	.9	5.3	-.1	5.1	-.8	.7	-1.1	.7	.4	4.0	6.7	3.5	1.3	-2.6	2.2	3.0	5.0	.4	.4	4.1	-1.4	1.5	-1.8	24	6.7	
17	4.1	3.2	2.9	.1	1.0	-.7	1.4	-.5	2.2	-1.0	1.4	-.9	2.6	3.7	.6	3.0	1.8	1.9	2.9	3.3	2.9	4.6	1.9	2.7	24	4.6	
18	2.0	1.2	1.0	4.1	2.0	2.6	1.5	1.4	-2.0	6.5	1.9	6.2	-3.4	6.9	-4.9	1.9	-3.1	-1.7	-.9	1.6	-.8	.4	-.8	2.7	24	6.9	
19	2.1	5.8	-.4	1.7	.9	5.5	.1	2.2	.0	2.5	1.9	2.0	-1.5	1.3	-3.7	3.6	-1.1	3.3	-3.3	6.4	2.2	4.9	-.5	5.8	24	6.4	
20	2.9	5.3	.8	5.1	-.1	3.6	.6	3.2	.1	4.2	-.1	4.9	.4	4.3	-3.5	2.3	1.8	8.8	-.4	5.5	2.6	10.0	5.6	8.0	24	10.0	
21	2.5	10.4	4.1	10.4	9.6	11.2	7.0	8.1	5.9	9.4	2.5	7.7	6.9	6.6	5.2	8.7	.6	5.5	5.1	10.0	7.7	11.3	4.4	4.0	24	11.3	
22	2.3	4.0	3.7	2.4	1.6	2.5	2.1	-1.6	-3.9	2.7	-.8	1.5	6.0	10.4	6.1	8.5	10.1	11.4	9.1	8.5	8.7	5.0	4.0	4.2	24	11.4	
23	5.7	6.5	1.1	6.7	.3	3.0	-.5	2.6	1.1	1.8	7.1	6.4	9.0	6.2	5.0	7.5	6.5	7.4	6.6	8.6	9.9	9.0	9.4	6.3	24	9.9	
24	2.1	2.5	6.0	3.6	7.4	1.6	2.2	5.9	4.3	14.7	3.4	8.6	6.8	11.5	5.9	12.0	10.3	20.3	3.9	12.9	8.1	15.0	3.4	3.4	24	20.3	
25	18.0	4.1	14.4	2.8	8.1	2.4	AM	AM	11.2	4.3	8.0	6.7	5.1	-.2	3.2	-.5	5.8	.8	8.2	2.2	6.0	AM	1.8	AM	20	18.0	
26	4.0	-4.5	6.0	-2.0	6.8	AM	10.9	AM	2.9	-3.6	6.0	-4.5	5.0	-3.5	7.6	AM	9.2	-.9	4.2	-1.4	6.6	-4.7	10.4	-4.4	21	10.9	
27	4.4	-1.3	4.8	-.9	3.3	-1.3	6.3	-.1	5.9	.0	3.7	-2.9	4.5	-1.1	2.6	-4.9	7.0	2.7	7.0	.1	6.3	-2.5	10.8	6.9	24	10.8	
28	3.7	-2.3	3.4	-.6	1.4	1.5	-.2	-.2	4.3	4.8	3.7	2.6	6.8	-.1	4.8	.7	5.9	2.7	5.6	6.8	7.3	7.0	7.4	4.9	24	7.4	
29	5.0	.7	1.6	5.0	1.2	4.4	4.7	2.6	3.9	2.6	5.9	4.8	8.2	4.3	5.4	.4	7.4	7.2	5.8	8.2	4.4	2.8	3.5	2.6	24	8.2	
30	2.2	3.1	2.0	3.6	4.9	3.3	-.1	.8	5.4	4.9	6.1	-4.5	AZ	AZ	AZ	AT	AT	6.3	11.4	8.3	7.3	2.6	2.8	2.6	19	11.4	
31																										0	
NO.:	30	30	30	29	30	29	29	28	30	30	30	30	29	29	29	28	29	30	30	30	30	29	30	29			
MAX:	18.0	10.4	14.4	10.4	9.6	11.2	10.9	8.1	11.2	9.4	14.7	8.0	9.8	10.4	11.5	8.7	12.0	11.4	20.3	10.0	12.9	11.3	15.0	8.0			
AVG:	3.62	2.62	3.65	2.19	3.24	2.13	2.89	1.62	2.86	2.78	3.85	2.31	4.42	2.68	3.07	2.70	3.25	2.87	4.13	3.46	4.76	2.75	4.13	2.71			

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: 3.12 MONTHLY MAX: 20.3

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.5	1.1	.7	1.3	.0	1.2	1.6	-2.3	-1.8	-2.8	4.2	.5	3.4	1.9	4.4	.0	1.7	-.7	2.3	1.4	2.3	6.7	7.3	4.2	24	7.3	
2	4.4	5.5	4.6	-1.0	-.9	AN	AN	AN	-4.6	4.2	4.6	6.2	4.5	5.5	4.2	6.5	5.0	2.9	6.7	3.6	5.3	5.5	6.4	5.7	21	6.7	
3	5.1	2.1	3.4	3.4	4.1	7.3	7.2	12.7	9.1	.3	3.9	5.2	4.3	.2	1.0	1.7	2.9	1.4	2.7	1.9	AM	11.5	4.7	.0	23	12.7	
4	7.0	7.1	AM	5.5	4.3	3.3	-3.2	2.5	2.2	5.2	1.4	3.1	4.5	5.9	1.6	4.2	5.4	7.6	5.5	6.0	2.3	4.4	2.2	2.8	23	7.6	
5	4.1	3.2	1.7	2.8	2.7	.4	3.2	.1	2.0	2.1	.4	3.1	1.5	5.2	.3	2.2	2.8	-2.5	1.8	2.3	3.3	4.0	-.8	2.4	24	5.2	
6	4.4	1.5	AN	AN	AN	AN	AN	AN	-1.9	.8	6.6	6.6	9.4	10.0	5.9	5.7	11.4	10.9	9.1	10.8	7.8	8.2	10.1	9.8	18	11.4	
7	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	12.6	10.2	11.7	12.9	14.0	11.8	9.0	10.6	11.0	6.5	8.2	9.3	12.5	10.8	10.1	15	14.0
8	9.7	13.7	14.0	9.0	9.4	10.3	17.2	15.7	17.7	16.2	19.6	15.5	11.3	14.4	14.7	16.5	15.4	18.1	11.4	16.0	30.5	27.6	18.7	AN	23	30.5	
9	AN	13.4	16.8	17.6	AN	AN	AN	AN	17.6	11.6	13.4	15.4	12.5	16.2	14.9	17.1	14.9	15.1	13.1	23.7	21.5	15.4	18.3	13.9	19	23.7	
10	17.5	12.6	AN	AN	AN	AN	AN	AN	AN	9.1	19.0	18.7	21.9	17.5	13.9	16.6	17.1	18.0	20.4	23.2	23.2	13.7	15.1	17.6	17	23.2	
11	AN	AN	8.9	1.6	10.4	.5	14.3	11.3	6.7	12.1	18.0	20.4	22.6	20.9	18.1	19.1	18.2	18.8	21.4	19.5	24.0	18.3	22.4	21.6	22	24.0	
12	15.7	AN	AN	AN	AN	AN	AN	AN	10.4	10.7	16.2	16.7	13.2	16.3	14.0	12.4	15.3	19.7	17.8	19.4	16.9	18.8	20.1	22.0	17	22.0	
13	25.5	27.4	32.0	26.1	25.9	31.5	32.1	26.6	22.7	22.6	17.9	14.9	19.2	19.8	18.2	15.2	14.9	11.2	12.8	15.2	15.5	17.4	17.0	15.8	24	32.1	
14	15.6	11.1	8.7	8.9	7.7	11.0	14.4	12.9	11.0	14.0	8.0	11.6	BA	BA	BA	7.03	3.3	11.7	8.6	8.7	9.7	11.1	7.6	13.4	21	15.6	
15	12.8	13.9	13.1	9.0	11.0	11.9	11.1	6.0	3.7	7.2	7.5	3.6	4.0	4.2	.4	6.9	6.8	4.4	9.4	12.3	7.3	8.1	8.5	10.1	24	13.9	
16	BF	BF	BF	BF	BF	7.9	3.8	12.9	5.8	7.9	6.2	4.0	9.2	7.0	6.9	5.0	12.5	12.3	10.3	11.4	5.8	10.4	8.8	8.4	19	12.9	
17	6.7	10.3	12.8	12.1	7.9	6.4	9.5	9.8	9.1	8.6	5.9	8.0	9.0	10.5	12.8	13.1	11.7	12.6	13.0	10.0	5.8	8.9	10.1	8.8	24	13.1	
18	13.0	8.4	14.6	11.4	11.0	13.7	15.2	13.9	11.0	11.1	5.7	8.6	11.0	13.3	10.2	10.1	7.0	4.8	12.7	14.6	15.4	8.0	17.9	13.2	24	17.9	
19	15.3	13.0	15.3	13.0	12.0	14.7	12.5	14.3	11.9	14.2	13.4	15.2	8.2	13.6	12.7	15.6	8.8	10.9	AN	AN	AN	AN	AN	AN	18	15.6	
20	AN	AN	AN	AN	AN	AN	AN	AN	7.6	7.9	13.1	12.5	19.0	17.3	19.8	24.0	16.2	9.3	16.9	15.6	15.7	18.5	15.1	9.7	6.6	17	24.0
21	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	16.4	19.1	18.3	15.9	2.9	4.1	3.5	3.3	5.2	4.6	2.4	-1.1	5.8	8.6	14	19.1	
22	13.7	11.1	5.4	5.7	5.8	7.8	.7	-3.8	3.5	-4.6	4.2	2.2	6.7	3.0	4.5	2.3	-.1	1.4	3.4	.1	.8	.1	-1.4	3.0	24	13.7	
23	4.8	3.3	-.3	1.0	2.0	5.0	-2.4	7.4	.6	1.0	2.8	4.7	1.4	3.6	5.3	3.9	1.2	5.8	6.1	3.3	4.7	1.2	4.2	5.4	24	7.4	
24	5.7	AN	AN	AN	AN	12.4	10.2	AN	AN	10.0	11.2	10.3	8.2	7.3	5.8	6.3	7.7	8.7	8.5	8.2	9.1	8.8	12.5	11.5	18	12.5	
25	12.6	9.7	AN	AN	14.0	10.6	12.8	15.2	17.1	14.9	16.0	15.7	13.7	15.7	13.3	10.2	16.4	9.9	13.2	11.9	17.8	13.2	18.3	AN	21	18.3	
26	AN	AN	AN	AN	13.5	15.9	5.9	4.2	14.4	10.0	16.5	13.5	15.8	9.4	12.8	13.5	15.6	16.5	19.5	18.6	16.4	14.3	13.8	15.4	20	19.5	
27	15.3	12.1	11.3	13.9	13.7	11.9	AN	AN	AN	17.6	15.1	16.3	18.7	19.7	14.7	17.3	14.4	14.9	22.6	18.4	20.6	20.0	24.1	21.4	21	24.1	
28	25.2	17.2	20.4	16.2	18.9	9.0	13.5	19.6	14.5	17.5	21.5	25.8	19.6	20.1	22.0	16.8	15.9	15.9	19.7	18.0	17.0	20.9	23.9	19.6	24	25.8	
29	14.9	9.1	15.9	18.5	-.8	15.5	12.1	9.2	10.1	18.6	19.5	22.9	12.7	2.3	5.7	3.1	5.1	-2.1	3.2	-1.0	2.1	AM	-1.5	-.3	23	22.9	
30	1.5	7.9	9.9	8.4	4.9	3.4	1.5	1.3	-1.8	4.7	.8	7.9	8.3	3.3	6.9	5.1	4.3	6.1	10.4	6.5	5.5	10.9	6.6	7.8	24	10.9	
31	4.7	6.2	23.5	5.5	1.1	2.6	2.8	1.7	.1	2.0	-1.9	.3	1.0	4.3	1.4	2.4	-1.9	.9	-1.3	.7	-.3	-.4	-2.3	3.1	24	23.5	
NO.:	24	23	20	21	22	23	22	22	26	30	31	31	30	30	30	31	31	31	30	30	29	29	30	28			
MAX:	25.5	27.4	32.0	26.1	25.9	31.5	32.1	26.6	22.7	22.6	21.5	25.8	22.6	20.9	24.0	19.1	18.2	19.7	22.6	23.7	30.5	27.6	24.1	22.0			
AVG:	10.70	9.60	11.64	9.04	8.12	9.31	8.91	9.04	7.65	9.08	10.22	11.18	10.81	10.69	9.51	9.20	8.94	9.24	10.39	10.44	11.05	10.81	10.63	10.07			

MONTHLY OBSERVATIONS: 654 MONTHLY MEAN: 9.88 MONTHLY MAX: 32.1

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-0003 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: 5715 S. 1400 E., SALT LAKE CITY
 SITE COMMENTS: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.646667
 LONGITUDE: -111.849722
 UTM ZONE: 12
 UTM NORTHING: 4499650
 UTM EASTING: 428153
 ELEVATION-MSL: 1335
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	18.7	1.8	6.0	5.1	AM	AN	8.2	5.9	12.6	6.1		
2	19.4	AN	3.7	5.0	3.5	6.3	13.0	8.0	9.6			
3	34.8	AM	5.3	3.4 X	4.5	.0	15.7	5.0	6.0	8.9		
4	P 52.5	AM	3.8	3.7 X	AN	AM	18.1	4.3	6.7	5.0		
5	P 48.9	AM	3.6	3.5 X	AN	AM	8.9	5.6	5.9	2.7		
6	P 55.5	AM	4.1	3.6	AN	AM	6.9	5.5	6.0			
7	P 64.1	3.1	5.4	3.1	AN	AM	9.5	6.4	AM			
8	P 68.4	3.0	6.6 X	3.2	4.3	AM		7.0	8.9			
9	25.4	6.7	5.2	5.8	2.8 X	AM		5.7	6.4			
10		8.6	4.6	5.0	AM	AM	6.7	7.2	5.5			
11	18.8	12.0	3.2	4.4	AM	6.0	6.6	6.3	4.2			
12	32.7	10.8	4.9	5.0	AM	6.5	7.2	7.3	4.3			
13	P 42.1	6.0	4.0	5.2	7.4	5.4	6.5	7.4	6.0			
14	P 43.4	3.8	4.2	4.7 X	5.2	4.7	6.0	4.6	7.9			
15	P 45.7	5.3	5.2	12.9	AM	5.6	7.4	4.6	6.6			
16	31.8	4.0	3.6	9.8	4.9	3.8	6.6	16.5	6.4			
17	5.0	AN	3.1	3.8 X	2.2	3.6	7.0	9.4	4.7			
18	6.0	AN	13.4	1.8 X	2.9	4.2	7.3	6.5	.0			
19	3.5	AN	10.2	4.7	1.8	2.8	7.2	6.6	6.2			
20	8.2	AN	5.6	4.9	2.1	3.8	7.8	8.7	6.2			
21	11.8	AN	8.0	3.0	4.2	4.2	8.4	5.4	5.8			
22	6.0	AN	1.5	5.2	4.8	5.2	8.9	6.4	5.9			
23	9.2	AN	2.7	9.1	4.0	5.5	15.9	7.3	.0			
24	13.3	AN	3.8	9.5	AN	6.6	20.2	7.6	7.4			
25	16.3	AN	4.7	2.3	AN	7.2	10.3	5.7	7.0			
26	23.5	3.2	2.0	1.4	AN	5.1	6.0	5.1	7.0			
27	26.9	5.8	1.3	2.9	AN	6.3	7.2	6.6	7.6			
28	P 37.0		1.9	4.0	AN	8.9	7.7	4.1	8.4			
29	P 40.3		2.7	2.1	AN	11.0	10.8	4.5	9.0			
30	P 36.6		1.5		AN	6.5	8.3	4.9	7.1			
31	10.6		3.1		AN		5.6	5.5				
NO.:	30	13	31	29	14	22	29	31	29	4	0	0
MAX:	68.4	12.0	13.4	12.9	7.4	11.0	20.2	16.5	12.6	8.9		
MEAN:	28.55	5.70	4.48	4.76	3.90	5.42	9.17	6.50	6.39	5.68		
ANNUAL OBSERVATIONS:		232		ANNUAL MEAN:	8.87	ANNUAL MAX:	68.4					

11 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5
 11 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (**) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-1001 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (47290) Magna
 SITE ADDRESS: 2935 SOUTH 8560 WEST MAGNA,UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.708611
 LONGITUDE: -112.094722
 UTM ZONE: 12
 UTM NORTHING: 4506792
 UTM EASTING: 407529
 ELEVATION-MSL: 1317
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			5.3					5.3				
2		3.7				2.9	10.2				8.5	4.9
3	23.7			1.5	3.3					.4		
4			1.7					3.6	AM			
5		8.8				4.7	8.0				6.0	3.3
6	P 38.9			3.4	4.8				.0			
7			4.1					5.1				
8		3.3				2.8	7.8				9.7	18.1
9	14.5			2.2	AM				5.1	1.7		
10			4.1					5.7				
11		8.0				4.2					18.6	32.6
12	23.8			4.8	3.1				5.1	3.8		
13			2.4					6.6				
14		3.1				4.0					7.7	19.6
15	31.1			12.7	9.1				3.0	4.9		
16			3.9					20.0				
17		2.8				AM					2.7	27.5
18	4.3			1.7	1.7				5.2	3.9		
19			10.1					5.7				
20		2.3				AM	6.2				12.4	25.8
21	10.2			2.7	4.6				6.1	4.9		
22			1.2					4.8				
23		3.3				5.2	6.4				1.8	7.2
24	12.1			7.2	2.5				4.6			
25			4.3					3.9				
26		2.7				5.4	5.0				3.2	25.0
27	23.4			1.6	2.2				.3			
28			1.4					4.5				
29						9.5	8.2				23.5	6.9
30	34.4			1.8	1.8							
31			3.5					5.2				
NO.:	10	9	11	10	9	8	7	11	8	6	10	10
MAX:	38.9	8.8	10.1	12.7	9.1	9.5	10.2	20.0	6.1	4.9	23.5	32.6
MEAN:	21.64	4.22	3.82	3.96	3.68	4.84	7.40	6.40	3.68	3.27	9.41	17.09
ANNUAL OBSERVATIONS:		109		ANNUAL MEAN:	7.74	ANNUAL MAX:	38.9					

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS: PARTISOL WITH WINS IMPACTOR

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	15.1 W	1.8	6.9	.2	2.1	6.2	5.3	6.3	11.9	5.3	3.9	1.2
2	18.2 W	AM	4.2	.1	3.0	3.3	8.6		8.1	6.6	4.5	7.5
3	32.1 W		3.8	.1	3.8	3.7	7.9		5.6	5.9	4.0	6.3
4	P 50.7 W		2.7	AN	3.3	6.2	12.3	4.0	5.7	6.2	4.1	6.6
5	P 49.0 W	.0	3.2	3.4	3.9	5.2	7.0	4.1	5.5	1.8	4.2	3.1
6	P 55.9 W	12.2	4.1	3.4	4.9	8.7	AM	5.0	5.2	2.5	3.5	AM
7	P 65.3 W	5.4	6.1	3.6	6.2	2.2	7.6	5.2	7.4	2.2	6.4	15.1
8	P 68.0 W	2.8	6.5	3.9	3.5	3.5	6.8	6.0	7.8	3.6	8.5	23.5
9	25.8 W	.3	4.7	4.2	1.6	AM	4.9	6.0	3.2 X	4.5	13.2	29.6
10	14.2 W	6.3	4.9	4.0	1.1	AM	3.7	6.2	4.3 X	3.4	17.1	25.4
11	AN	9.9	3.4	4.0	2.7	AM	3.9	6.5	4.0	4.2	14.7	P 37.5
12	AN	10.4	3.8	5.4	3.5	AM	5.4	6.6	4.4	4.7	5.7	23.9
13	AN	4.8	3.0	5.2	4.9	5.0	4.4	6.3	4.8	9.2	7.7	34.2
14	AN	5.2	3.3	4.2	4.0	3.8	3.9	4.6	6.2	7.1	6.4	24.6
15	AN	3.9	5.1	12.5	6.4	5.0	4.0	4.1	5.7	7.7	6.0	30.1
16	AN	5.1	3.9	9.0	3.7	4.1	4.4	18.1	4.5	6.2	6.4	24.4
17	AN	3.0	2.6	3.2	2.7	2.6	4.5	8.5	3.3	3.2	4.5	32.5
18	5.6	2.9	15.0	3.0	AM	3.7	4.4	6.2	5.4	5.7	3.2	34.5
19	3.1	3.9	10.8	4.5	1.8	2.6	5.6	6.2	4.7	6.5	5.5	25.6
20	7.0	3.7	5.5	4.9	2.2	2.7	6.2	7.2 X	4.5	7.3	14.4	26.4
21	11.7	4.2	8.7	3.2	4.0	3.3	6.6	4.7	4.7	6.6	12.3	15.6
22	7.5	2.8	1.1	5.1	4.5	4.5	5.7	5.4	5.3	5.4	5.1	6.4
23	6.0	5.6	1.7	8.2	3.9	5.1	6.7	6.2	5.7	5.2	4.8	10.6
24	14.0	11.5	3.6	6.6	2.5	4.8	7.6	6.4	7.0	5.3	4.9	21.6
25	16.7	5.5	5.0	2.2	3.6	6.0	9.5	4.4	5.5	4.5	4.3	26.4
26	23.7	3.4	2.3	2.0	3.5	4.2	5.0	6.0	5.9	5.7	7.1	33.4
27	26.5	4.5	2.0	2.2	2.7	5.2	6.3	8.0	8.1	6.5	11.5	35.0
28	P 38.5	5.2	15.4	3.6	4.0	8.1		4.5	7.1	10.7	19.4	20.3
29	P 42.6		10.0	2.2	1.3	10.2	7.5	5.5	7.2	12.1	23.5	10.2
30	P 38.2		.5	2.6	2.1	5.3	6.2	5.2	8.0	6.2	16.7	4.8
31	8.8		.6		4.4		4.6	6.3		6.8		4.3
NO.:	24	25	31	29	30	26	29	29	30	31	30	30
MAX:	68.0	12.2	15.4	12.5	6.4	10.2	12.3	18.1	11.9	12.1	23.5	37.5
MEAN:	26.84	4.97	4.98	4.02	3.39	4.82	6.09	6.20	5.89	5.70	8.45	20.02
ANNUAL OBSERVATIONS:	344		ANNUAL MEAN:	8.23	ANNUAL MAX:	68.0	9 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5					
							9 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1250 NORTH 1400 WEST
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.78422
 LONGITUDE: -111.931
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1286
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12.2	2.3	8.6	5.7	4.2		7.6	6.3	17.3	6.3	AR	1.3
2	19.3	4.7	4.9	5.2	4.1	AN	13.4	9.1	11.4	4.0	AR	9.2
3	28.1	12.3	5.2	2.8	3.8	1.8	12.2	5.0	13.1	6.0	4.7	5.6
4	AN	25.3	2.9	3.2	3.1	7.5	15.7	4.9	9.2	3.1	3.4	10.3
5	AN	11.2	2.7	2.8	5.1	6.4	AM	6.1	9.6	1.9	3.7	7.1
6	AN	3.2	4.3	3.5	6.0	11.3	7.8	8.1	8.7	2.5	3.5	10.4
7	AM	2.9	5.2	2.5	6.1	2.6	7.5	6.4	10.9	3.6	6.2	16.7
8	AM	4.5	5.7	3.2	3.3	5.0	6.2	8.5	8.2	4.7	9.5	26.1
9	AM	7.3	4.3	3.7	1.4	5.1	5.4	9.0	8.0	5.6	13.9	P 37.0
10	17.2	8.8	4.9	3.9	3.2	6.5	4.2	9.4	5.9 X	3.5	20.9	P 36.2
11	18.1	11.7	2.1	4.4	2.4	5.0	5.2	11.2	4.4	3.3	20.7	P 43.1
12	34.2	7.8	3.0	4.7	3.6	7.0	5.3	13.1	4.2	8.1	5.1	35.0
13	P 35.8	5.0	2.5	4.6	6.7	6.5	4.4	11.6	6.1	8.2	4.7	31.6
14	P 41.5	4.0	4.1	4.4	7.5	5.2	4.3	7.5	7.0	6.0	5.6	23.2
15	P 40.0	3.2	6.6	13.2	8.3 X	11.1	5.0	5.1	6.3	6.2	7.1	29.1
16	23.9	6.7 X	4.0	7.5	5.4	5.9	4.3	20.5	5.5	6.0	9.2	19.9
17	5.5	2.9	3.4	3.1	2.9	3.6	4.5	11.6	4.1	3.1	3.9	35.0
18	5.0	2.6	15.4	2.2	1.9	5.2	5.3	8.9	6.2	8.6	2.2	33.0
19	2.4	3.6	10.6	4.1	2.5	2.7	5.6	8.2	5.2	7.2	5.7	24.8
20	9.7	3.0	5.7	6.0	2.5	4.9	7.5	10.2	6.3	8.1	14.7	26.1
21	12.9	5.3	9.4	2.8	4.8	5.2	8.0	5.1	6.9	6.8	11.8	15.3
22	6.1	2.7	1.4	4.4	5.2	8.1	7.6	7.1	6.5	7.9	5.1	4.0
23	7.6	4.8	2.7	8.9	6.0	6.6	10.3	9.4	7.3	5.3	3.5	16.4
24	15.0	11.6	4.4	7.2	2.4	7.8	13.6	10.2	7.6	4.0	2.7	25.5
25	15.7	5.2	5.1	2.2	AM	6.9	9.2	10.1	4.7	3.3	5.1	29.7
26	21.8	2.4	2.2	1.6	AM	5.0	8.8	8.7	5.8	4.3	7.2	P 35.5
27	26.5	3.7	1.5	2.0	AM	10.2	6.9	7.3	7.1	7.7	15.3	P 38.3
28	P 37.8	4.7	1.7	3.9	AM	9.5	7.2	5.3	7.8	12.0	23.6	21.9
29	P 43.7		2.3	2.0	AM	17.1	9.8	9.1	9.2	14.1	32.5	10.5
30	34.2		3.8	3.0	AM	8.3	8.7	12.9	8.1		22.0	5.9
31	7.4		4.8		AM		5.5	10.6		7.2		4.5
NO.:	25	28	31	30	24	28	30	31	30	30	28	31
MAX:	43.7	25.3	15.4	13.2	8.3	17.1	15.7	20.5	17.3	14.1	32.5	43.1
MEAN:	20.86	6.19	4.69	4.29	4.27	6.71	7.57	8.92	7.62	5.95	9.77	21.55
ANNUAL OBSERVATIONS:		346		ANNUAL MEAN:	8.99		ANNUAL MAX:	43.7				

10 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

10 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 2
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1250 NORTH 1400 WEST
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.78422
 LONGITUDE: -111.931
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1286
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2							14.4					
3	AM				3.9							
4			3.3									
5											8.0 X	
6										2.3		
7								6.3				
8		4.5				4.5						
9				3.5								
10												
11											20.7	
12									4.3			
13												
14												
15	AM				8.0							
16			4.2									
17												35.0 X
18												
19								7.7				
20		3.2				4.0						
21				2.7								
22												
23											3.6	
24									7.6			
25												
26							7.0					
27	27.0				3.6							
28			1.8									
29												11.3
30										9.1		
31								7.0				
NO.:	1	2	3	2	3	2	2	3	2	2	2	3
MAX:	27.0	4.5	4.2	3.5	8.0	4.5	14.4	7.7	7.6	9.1	20.7	35.0
MEAN:	27.00	3.85	3.10	3.10	5.17	4.25	10.70	7.00	5.95	5.70	12.15	18.10
ANNUAL OBSERVATIONS:		27		ANNUAL MEAN:	8.09		ANNUAL MAX:	35.0				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-045-0003 POC: 1
 COUNTY: (045) Tooele
 CITY: (76680) Tooele
 SITE ADDRESS: 434 NORTH 50 WEST, TOOELE, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.543371
 LONGITUDE: -112.298814
 UTM ZONE: 12
 UTM NORTHING: 4488683
 UTM EASTING: 390013
 ELEVATION-MSL: 1511
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: MULTIPLE METHODS
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								4.8				
2		5.7				2.9	6.8				7.4	6.5
3	20.4			1.4	3.3				4.0			
4			1.9 X					2.9				
5		5.3				4.1	5.2				6.4	5.4
6	29.6			3.0	4.0				5.4			
7			1.9 X					3.9				
8		3.3				3.6	5.1				11.3	14.7
9	11.7			1.5	1.0				5.4	.7		
10			5.1					4.7				
11		3.9				3.9	4.1				11.8	23.0
12	22.2			4.4	2.5				2.9	4.2		
13			2.3					6.2				
14		3.9				3.5	3.2				7.3	12.9
15	17.6			12.1	10.2				5.4	3.8		
16			4.2 X					17.9				
17		2.1				2.4					6.4	19.6
18	2.8			1.7	.8				4.8	3.8		
19			10.2					5.2				
20		2.0				3.0	4.2				10.9	18.9
21				AN	3.8					4.8		
22			.7					3.3				
23		3.1				4.8	4.8				4.2	6.7
24	6.9			4.6	2.2					3.6		
25			3.5					4.2				
26		3.7 X				5.8	4.3				3.6	13.1
27	12.1			1.3	2.3				5.0	3.9		
28			2.0					4.5				
29						AM					12.1	3.0
30	28.9			1.5	1.7				5.1	7.0		
31			2.8					5.3				
NO.:	9	9	10	9	10	9	8	11	8	8	10	10
MAX:	29.6	5.7	10.2	12.1	10.2	5.8	6.8	17.9	5.4	7.0	12.1	23.0
MEAN:	16.91	3.67	3.46	3.50	3.18	3.78	4.71	5.72	4.75	3.98	8.14	12.38
ANNUAL OBSERVATIONS:		111		ANNUAL MEAN:	6.24	ANNUAL MAX:	29.6					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-0002 POC: 1
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS: PARTISOL WITH CYCLONE IMPACTOR

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.253611
 LONGITUDE: -111.663056
 UTM ZONE: 12
 UTM NORTHING: 4455894
 UTM EASTING: 443606
 ELEVATION-MSL: 1402
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.6	2.5	2.7		2.7	9.5	8.2	6.1		5.0	4.3	
2	10.0	5.1	3.8		2.9	5.5	17.2	6.9	10.2	4.6	7.2	
3			3.7		4.4	4.2	10.8	4.5	7.5	1.3	5.0	
4		12.8	4.1		3.6	6.2	11.8	4.6	5.5		4.1	
5		12.8	3.7		2.8	5.5	8.5	4.9	7.1		3.1	
6		3.5	3.7	AN	6.3	18.5	6.1	5.4	5.8		3.4	
7		2.7	4.8	4.2	7.9	5.4	6.5	4.0	9.3		7.9	
8		4.0	3.5	1.6	5.1	4.4	4.9	5.9	8.6	2.4	10.1	
9		7.1	3.4	2.6	1.0	3.5	4.5	5.2	6.3	.5	16.6	
10	12.1	9.7	4.0	2.8	1.5	5.7	4.6	7.3	4.7	.0	11.8	19.0
11	12.5	11.3	6.7	5.0	2.8	7.5	4.7	7.9	4.6	.7	7.8	13.9
12	22.8	10.0	5.6	5.7	3.3	7.0	8.7	8.7	3.8	1.9	3.3	11.5
13	30.1	5.5	3.1	5.0	4.7	5.7	6.4	8.5	5.5	3.2	4.2	20.4
14	P 50.2	4.9	5.2	4.9	4.3	4.7	2.9	4.5	6.0	6.1	7.6	22.4
15	P 44.8	5.5	4.5	14.2	10.1	8.7	6.1	5.0	5.5	5.3	6.8	21.8
16	33.0	4.8	3.7	13.5	5.1	11.1	5.9	10.3	5.1	3.4	7.2	27.4
17	10.8	3.8	5.1	4.7	1.7	8.5	5.5	7.9	3.6	3.6	5.5	31.1
18	7.2	5.0	14.8	2.5	1.6	5.4	AM	6.4	5.5	4.6	4.0	34.5
19	4.2		11.0	4.2	1.5	1.9		7.0	5.8	6.2	4.4	28.0
20	7.3	2.1	6.4	4.4	2.0	3.2	6.7	9.3		6.1	12.4	19.9
21	11.2	4.7	8.2	1.5	4.3	4.0	4.6	5.7		6.6	8.8	14.4
22	9.0	2.3	1.3	5.7	4.5	4.7	5.0		5.5	5.6	7.4	7.3
23	6.8	3.3	1.7	9.2	3.6	6.2	7.9		6.4	4.0	7.0	8.5
24	11.1	3.8	4.1	6.4	2.7	6.9	9.4		6.1	4.7	3.9	13.0
25	13.7	4.2	4.3	2.2		6.2	8.2		4.6	5.3	3.9	14.0
26	21.4	5.8	2.4	1.3		5.8	5.2		4.8	6.1	5.0	13.8
27	22.3	7.8	2.3	2.1		5.5	5.7		6.0	7.3	8.6	16.2
28	27.3	4.9		3.7		10.3	5.3		7.1	12.0	16.8	15.3
29	33.4			2.7		13.4	6.5		5.7	14.8	16.6	7.0
30	26.6			3.4	2.2	6.2	7.6		5.7	7.1		6.1
31	12.0						4.5			.0		4.6
NO.:	24	26	27	24	25	30	29	21	27	27	29	22
MAX:	50.2	12.8	14.8	14.2	10.1	18.5	17.2	10.3	10.2	14.8	16.8	34.5
MEAN:	18.68	5.77	4.73	4.73	3.70	6.71	6.89	6.48	6.01	4.76	7.40	16.82
ANNUAL OBSERVATIONS:	311		ANNUAL MEAN:	7.54	ANNUAL MAX:	50.2	2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5					
							2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 1
 COUNTY: (049) Utah
 CITY: (45090) Linton
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.341389
 LONGITUDE: -111.713611
 UTM ZONE: 12
 UTM NORTHING: 4465688
 UTM EASTING: 439398
 ELEVATION-MSL: 1442
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: MULTIPLE METHODS
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.7 X	2.5 X	3.4	7.0		6.5	8.1 X	4.8	5.5	5.4	4.0	5.0
2	13.2 X	5.0 X	3.6	5.0		4.5	14.2 X	6.5	9.0	3.5	5.6	8.7
3	32.6 X	16.6 X	4.1	1.5 X		4.0	10.5 X	4.0	6.6	4.6	3.7	.0
4	P 44.7 X	22.7 X	6.5	2.6 X		6.2	10.0	4.0 X	5.1	2.3	3.3	9.4
5	P 35.7 X	14.0	5.4	3.0		5.1	7.6	4.0	4.8	1.6	2.6	6.7
6	P 37.6 X	3.6	4.0 X	3.1		14.5	6.4	3.9	5.8	1.5	3.1	9.9
7	P 49.4 X	1.7	6.6	4.1 X		3.9	6.0 X	3.7	9.6	2.1	6.4	12.4
8	P 49.0 X	4.7 X	3.8 X	1.0		5.4 X	5.3 X	4.8	8.1	5.2	10.2	17.5
9	25.3 X	8.7 X	3.5	3.1		4.0	4.5 X	5.0	5.9	3.6	16.8	21.7
10	16.3 X	10.7 X	4.7	2.8	1.6	4.6 X	4.6 X	4.9	4.5	2.8	14.4	18.8
11	23.2 X	12.9	6.9	4.8	3.5	7.0 X	4.6	5.0	3.5 X	2.7	7.1	16.0
12	24.2 X	11.0 X	6.1	6.2	4.8	6.6	5.8	6.9	3.7	5.2	3.3	9.5
13	P 36.5 X	7.6	4.9	4.4 X	4.8	6.0	5.2 X	6.7	5.1	6.5	4.0	19.1
14	P 48.3 X	4.6	6.1	5.0	5.2 X	4.9	4.1	4.2	5.1	6.5	4.9	23.7
15	P 49.3 X	5.2	5.6	17.0	10.2	5.1	4.5 X	3.7	5.2	3.4	5.1	24.2
16	33.1	5.2 X	2.9	14.7	5.2	6.5	5.2	10.0	4.2	3.5	6.3	26.0
17	12.2	3.0 X	4.7	4.0	.8	4.5	4.9 X	6.0	3.2	2.8	3.6	33.7
18	7.3 X	2.9	14.0	2.1	1.3	4.7	5.5 X	4.9	5.8	5.4	3.1	35.0
19	4.2	3.1	10.5	4.7 X	2.1	2.2	5.2	5.2	5.4	5.7	5.1	29.2
20	8.5 X	3.5	6.2	4.6	2.3	4.0	6.5 X	6.6 X	4.7	6.1	13.4	22.2
21	16.6	6.7 X	8.7	2.7	4.7		AM	4.0	5.5	5.8	8.8	14.2
22	8.2	3.8	2.0	5.7 X	5.0 X	AM	5.1	5.4	5.2	4.8	6.5	7.4
23	9.7 X	3.7 X	3.0	11.9 X	3.4 X	6.6	8.9	5.1	6.4	4.1	6.4	11.0
24	15.9 X	4.1	4.5	8.3 X	2.4	7.1	.0	7.8	6.1	4.8	4.0	15.1
25	19.7	3.9 X	5.1 X	2.9 X	3.6	6.7	6.7	6.0	4.1	4.3	4.7	15.0
26	24.1 X	5.3 X	3.6	1.5	7.5	6.0	5.7	6.0	4.6	5.5	6.8	14.2
27	26.4 X	8.4	2.0 X	2.8	2.9	5.5 X	4.9	5.1	6.0	8.9	8.9	13.9
28	32.0 X	2.4 X	1.9		3.1	10.4	5.2	3.2	6.2	12.5	14.3	23.2
29	33.6		2.0 X		1.8	10.7	6.1	4.8	6.5	14.5	18.5	7.1
30	27.1 X		2.9 X		1.6	AM	6.7	4.1	5.4	7.5	9.9	4.3
31	12.6		4.5		3.6		4.1	6.2				4.3
NO.:	31	28	31	27	22	27	30	31	30	30	30	31
MAX:	49.4	22.7	14.0	17.0	10.2	14.5	14.2	10.0	9.6	14.5	18.5	35.0
MEAN:	25.36	6.70	4.96	5.06	3.70	6.04	6.07	5.24	5.56	5.10	7.16	15.43
ANNUAL OBSERVATIONS:	348		ANNUAL MEAN:	8.24	ANNUAL MAX:	49.4	8 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5					
							8 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 2
 COUNTY: (049) Utah
 CITY: (45090) Linton
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL
 MONITOR COMMENTS: PARTISOL WITH WINS IMPACTOR

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.341389
 LONGITUDE: -111.713611
 UTM ZONE: 12
 UTM NORTHING: 4465688
 UTM EASTING: 439398
 ELEVATION-MSL: 1442
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2							13.2					
3												
4			6.5									
5												7.3
6										1.6		
7								4.2				
8		5.0				3.6						
9				3.1								
10												
11											6.5	
12									3.8			
13												
14							4.0					
15					9.7							
16			3.6									
17												32.5
18										5.4		
19								5.3				
20		3.8				4.7						
21												
22												
23											6.4	
24									6.6			
25												
26							5.8					
27					2.8							
28												
29												AM
30										7.8		
31								6.4				
NO.:	0	2	2	1	2	2	3	3	2	3	2	2
MAX:		5.0	6.5	3.1	9.7	4.7	13.2	6.4	6.6	7.8	6.5	32.5
MEAN:		4.40	5.05	3.10	6.25	4.15	7.67	5.30	5.20	4.93	6.45	19.90
ANNUAL OBSERVATIONS:		24		ANNUAL MEAN:	6.65		ANNUAL MAX:	32.5				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-5008 POC: 1
 COUNTY: (049) Utah
 CITY: (00000) Not in a city
 SITE ADDRESS: 10865 N. 6000 WEST, HIGHLAND, UTAH
 SITE COMMENTS: PART OF 1994 OZONE NETWORK
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.430278
 LONGITUDE: -111.803889
 UTM ZONE: 12
 UTM NORTHING: 4475602
 UTM EASTING: 431803
 ELEVATION-MSL: 1485
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3	33.0											
4												
5												
6	32.9											
7												
8												
9	16.6											
10												
11												
12	20.2											
13												
14												
15	P 42.1											
16												
17												
18	4.2											
19												
20												
21	12.5											
22												
23												
24	10.9											
25												
26												
27	22.4											
28												
29												
30	21.2											
31												
NO.:	10	0	0	0	0	0	0	0	0	0	0	0
MAX:	42.1											
MEAN:	21.60											

ANNUAL OBSERVATIONS: 10 ANNUAL MEAN: 21.60 ANNUAL MAX: 42.1
 Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (**) indicates that the region has reviewed the value and does not concur with the qualifier.

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-5010 POC: 1
 COUNTY: (049) Utah
 CITY: (71290) Spanish Fork
 SITE ADDRESS: 312 W. 2050 NORTH, SPANISH FORK, UTAH
 SITE COMMENTS: SITE IS LOCATED AT SPANISH FORK AIRPORT
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: INDUSTRIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.136389
 LONGITUDE: -111.659722
 UTM ZONE: 12
 UTM NORTHING: 4442904
 UTM EASTING: 443807
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 5

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			2.7					5.3				
2		4.4				3.9	7.0				AV	6.5
3	27.0			2.0	3.7				6.8	4.3		
4			3.0					2.5				
5		18.0				4.1	6.2				6.6	4.8
6	34.6			3.8	5.8				5.8	7.5		
7			3.3					4.5				
8		4.0				3.5 X	4.1				11.7	13.7
9	18.0			1.9	.9					2.4		
10			3.9					5.5				
11		7.8				6.3	6.1				8.6	12.5
12	20.4 X			6.1	3.3				AM	3.2		
13			3.4					7.2				
14		4.3				3.4	5.7 W				7.9	23.2
15	P 46.0 X			14.0	8.2					4.8		
16			4.4					8.7				
17		3.7				3.4	5.8				7.6	31.2
18	10.3			2.1	1.7					3.2		
19			12.0					6.9				
20		3.4					5.6				7.3	18.5
21	10.7			2.2	3.2				5.2	2.9		
22			1.3					7.6				
23		3.6				6.3	5.7				2.6	4.8
24	9.0			4.9	2.6				5.1	3.8		
25			3.7					6.0				
26		4.7					.1				2.3	14.0
27	20.0			.9	2.4				5.4	6.5		
28			2.3 X					4.5				
29						14.7	6.1				14.5	7.4
30	33.4			2.7	1.3				5.7	8.3		
31			5.8					6.5				
NO.:	10	9	11	10	10	8	10	11	6	10	9	10
MAX:	46.0	18.0	12.0	14.0	8.2	14.7	7.0	8.7	6.8	8.3	14.5	31.2
MEAN:	22.94	5.99	4.16	4.06	3.31	5.70	5.24	5.93	5.67	4.69	7.68	13.66
ANNUAL OBSERVATIONS:		114		ANNUAL MEAN:	7.48	ANNUAL MAX:	46.0	1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5				
								1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: JANUARY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	-2.4	.8	2.2	1.0	2.3	3.7	2.7	1.3	-.9	.5	2.0	2.0	2.4	2.2	1.0	1.7	2.9	4.2	3.0	1.0	2.7	4.7	1.3	-.9	24	4.7	
2	4.2	6.1	2.5	.3	1.3	2.0	-1.0	-2.9	.8	.0	.3	1.0	1.7	3.6	1.2	2.2	3.9	.8	2.7	3.9	3.7	.5	-1.2	2.5	24	6.1	
3	2.5	2.0	-.5	.0	-2.2	-.5	.5	-1.4	3.0	-.5	-.2	2.2	.0	2.5	1.5	2.7	5.4	4.6	3.9	5.6	4.2	2.7	5.1	7.8	24	7.8	
4	7.6	2.9	3.9	3.4	4.7	2.0	-1.0	4.9	3.7	2.2	2.4	.7	2.4	5.6	4.4	2.4	4.4	5.4	2.7	2.0	6.3	6.1	4.7	4.2	24	7.6	
5	-.2	1.5	8.0	4.7	-.9	1.7	.5	-.2	4.0	4.6	2.4	.0	-.8	1.0	2.4	2.6	2.6	.7	5.1	9.3	2.2	2.4	5.8	2.2	24	9.3	
6	1.9	.3	1.0	2.0	-.5	5.1	5.1	1.2	3.7	1.4	-.8	-2.0	-1.6	-.1	.7	4.1	7.0	3.6	1.7	5.6	2.7	-.8	3.6	2.2	24	7.0	
7	.2	1.5	-.5	1.0	4.6	4.6	.5	-3.7	.0	2.9	-.6	-1.5	1.1	4.1	3.4	2.6	2.8	1.9	2.4	4.6	2.9	2.4	1.9	-.8	24	4.6	
8	.5	4.1	6.1	4.1	1.0	2.9	4.1	3.4	6.3	3.9	-.5	.7	2.6	.4	1.4	4.8	5.8	5.1	7.0	7.0	3.9	5.1	4.1	2.4	24	7.0	
9	1.5	3.4	3.2	-2.5	1.0	4.4	-.2	-.5	5.6	4.6	.9	1.4	1.4	3.6	7.0	7.7	9.9	10.7	8.7	7.0	3.1	5.8	8.2	4.1	24	10.7	
10	.5	.7	6.8	2.9	-1.3	4.4	6.1	3.2	5.1	6.2	.4	-.3	2.1	1.6	.7	2.1	1.7	.2	.5	2.9	1.0	-.5	3.9	.0	24	6.8	
11	.5	.3	-2.5	.2	-2.9	-2.9	1.7	.5	.0	2.6	2.7	4.4	1.2	.7	1.2	-3.0	-1.3	.7	-.8	3.4	3.9	.0	1.9	1.9	24	4.4	
12	3.4	6.1	2.2	-.3	1.4	1.5	.7	.0	1.5	1.4	-2.3	-1.8	-1.0	-2.5	.4	.2	-.5	-.3	-1.7	2.9	4.4	1.5	2.2	3.4	24	6.1	
13	3.7	.5	-.2	-.7	.3	.8	.3	4.4	5.1	1.2	-2.7	-5.4	-3.2	-.8	-1.8	2.2	2.9	3.2	4.1	1.5	-1.0	2.7	6.3	4.6	24	6.3	
14	6.1	6.8	4.1	-.5	-.5	2.0	.0	1.2	1.7	1.0	4.1	3.4	1.7	3.6	3.6	.4	2.9	4.6	2.7	1.4	4.4	6.1	.7	.5	24	6.8	
15	-.5	1.7	5.1	5.4	4.6	-.2	-1.5	-.7	.7	-.3	-3.5	-1.3	-.3	-3.7	-1.0	3.6	3.4	4.6	4.1	2.2	2.4	2.9	2.7	2.0	24	5.4	
16	-.2	-.5	-.2	-.5	-1.5	-1.0	2.7	3.2	5.6	4.4	2.4	1.4	1.2	2.6	1.2	3.9	7.0	4.4	1.7	2.7	2.2	.0	2.7	7.1	24	7.1	
17	5.1	4.9	4.6	1.7	-.7	-1.5	1.0	-1.4	-.5	3.4	3.2	4.4	2.6	-1.0	.7	2.9	1.4	2.2	3.2	4.9	3.7	-.3	.3	4.2	24	5.1	
18	2.4	1.7	4.9	5.8	4.1	.5	-.5	-1.5	1.5	3.9	-.5	-3.2	.5	2.6	1.2	1.7	-.3	-.5	3.2	3.9	2.4	4.9	3.4	-1.0	24	5.8	
19	.8	-1.0	-2.0	-1.5	1.5	6.6	1.2	2.0	5.1	2.4	2.4	3.6	3.4	1.4	-1.5	-2.7	.0	2.4	3.7	1.5	1.7	3.7	1.7	5.6	24	6.6	
20	3.7	-.7	2.0	1.2	-.5	3.7	2.0	.5	5.4	.5	-2.2	-1.0	-2.0	-1.3	-2.0	.2	3.4	1.7	.7	-.7	1.5	4.9	2.9	.0	24	5.4	
21	.8	1.5	3.0	2.7	4.2	5.9	3.5	.8	-2.0	-.8	1.9	3.1	1.9	.7	.2	-.5	2.2	2.7	.0	.3	1.0	.5	1.5	3.4	24	5.9	
22	2.2	1.2	2.2	5.6	2.0	-.5	.8	.8	-.7	-.5	4.6	1.4	-1.3	-.3	.7	.2	-.8	2.2	2.4	-.3	3.7	4.6	3.4	2.5	24	5.6	
23	.0	1.5	3.2	3.9	4.4	2.2	2.5	2.2	.5	2.4	.5	-1.5	-1.3	.7	3.1	3.4	2.9	1.5	1.7	-.2	.3	5.4	4.2	2.0	24	5.4	
24	-.5	1.2	5.1	2.5	-1.7	.8	4.2	3.0	-.2	-.7	2.7	-.3	-3.7	-1.0	.2	1.0	1.9	.0	1.0	2.4	3.9	2.2	.7	4.7	24	5.1	
25	4.2	4.9	4.2	2.0	3.9	3.9	-1.2	.5	4.9	4.8	4.8	6.3	3.1	1.2	3.9	3.6	2.2	.2	.0	2.9	6.1	2.7	-2.4	-2.9	24	6.3	
26	2.2	5.8	4.6	3.7	4.2	4.2	4.2	3.7	.5	-.5	3.6	1.2	-1.8	-.3	2.2	4.1	1.4	1.9	1.7	3.9	6.3	3.9	3.9	3.2	24	6.3	
27	3.9	3.4	3.9	3.4	-.7	2.5	1.7	-3.4	-2.2	-1.0	-.5	-1.8	-1.8	-2.0	-.3	4.4	3.9	4.6	5.6	2.9	2.9	-.7	-3.6	-.2	24	5.6	
28	3.4	4.2	2.0	1.7	.8	-1.0	.5	1.2	-.2	.5	1.2	-.5	-.3	2.4	4.4	3.6	2.7	4.1	5.8	2.9	-.7	-2.0	-2.7	-.5	24	5.8	
29	1.0	-3.9	.5	7.1	3.5	3.2	2.0	3.9	3.9	-.3	1.4	1.6	.9	.2	-.1	-.1	-.8	-.6	-2.5	1.2	4.9	4.6	4.6	1.0	24	7.1	
30	1.5	5.8	3.2	.5	2.2	.0	2.9	4.6	-1.7	-3.0	-1.8	-.1	3.1	2.9	3.6	4.3	3.9	3.6	3.6	3.6	2.7	1.7	2.9	3.1	24	5.8	
31	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	7.6	6.8	8.0	7.1	4.7	6.6	6.1	4.9	6.3	6.2	4.8	6.3	3.4	5.6	7.0	7.7	9.9	10.7	8.7	9.3	6.3	6.1	8.2	7.8			
AVG:	2.00	2.29	2.75	2.03	1.29	2.03	1.53	1.03	2.01	1.57	.94	.60	.47	1.02	1.45	2.21	2.83	2.68	2.60	3.07	2.98	2.59	2.49	2.28			

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: 1.95 MONTHLY MAX: 10.7

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: FEBRUARY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	AQ	- .5	- .8	2.7	2.4	2.7	3.4	2.0	2.0	3.2	7.1	8.0	7.3	6.8	4.9	3.4	15	8.0	
2	4.2	6.8	4.4	.0	1.5	3.2	2.7	4.4	4.9	3.6	4.8	2.4	.5	3.4	2.2	3.6	3.6	6.1	1.5	.5	2.0	6.3	3.4	.0	24	6.8	
3	1.5	1.5	6.3	4.2	4.4	4.4	2.7	1.3	-1.5	- .5	.0	- .8	.0	2.9	4.8	5.1	6.0	4.6	2.0	1.7	.2	.5	1.5	2.2	24	6.3	
4	1.2	3.4	5.1	2.9	1.0	4.2	2.9	1.7	5.4	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	9	5.4	
5	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	0	
6	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	0	
7	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	0	
8	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	AL	AL	AL	AL	AL	1.5	2.9	4.9	4.4	5.6	5	5.6	
9	6.8	3.9	3.6	3.4	2.2	.5	.3	4.2	4.2	1.0	-1.3	-2.7	-2.5	1.9	3.1	.7	3.6	3.1	.0	2.9	2.2	3.9	6.1	5.4	24	6.8	
10	5.6	5.1	2.7	.8	2.7	1.5	2.2	2.5	2.2	2.5	1.2	.5	.2	-.3	.0	-.8	-1.3	2.6	6.1	5.6	4.6	3.2	1.0	1.0	24	6.1	
11	.5	-1.0	5.1	5.9	- .5	- .5	2.7	- .5	-1.2	3.9	1.7	1.4	.9	.9	.4	.0	2.1	1.9	3.1	3.9	2.4	3.6	4.1	.5	24	5.9	
12	.7	- .2	.5	1.5	-2.5	.0	.7	3.9	5.1	.5	-1.8	-1.8	2.9	3.8	1.2	1.9	3.1	2.4	4.4	3.1	-1.0	2.2	2.7	.5	24	5.1	
13	1.4	2.9	3.9	3.7	1.2	3.2	7.3	2.2	1.2	4.1	1.4	-2.0	-1.3	2.6	2.2	1.2	1.7	1.2	1.7	3.4	3.9	3.6	4.4	1.7	24	7.3	
14	1.7	3.2	-1.7	.3	3.9	2.0	-1.0	2.5	4.6	- .5	.2	3.6	1.7	-2.3	.2	3.1	.9	1.9	2.4	2.2	1.4	.0	.7	3.9	24	4.6	
15	4.9	3.4	2.5	1.2	4.9	4.6	5.4	6.3	2.4	3.1	3.1	2.6	.2	.5	3.6	1.9	1.7	3.1	1.4	2.9	5.1	4.4	4.4	2.2	24	6.3	
16	3.2	1.5	.7	6.3	4.4	3.9	5.4	4.4	3.2	.7	2.4	6.8	3.6	1.2	.7	2.4	6.1	4.9	6.3	7.3	5.1	7.1	8.8	8.8	24	8.8	
17	3.9	2.5	5.6	5.2	5.4	3.0	3.2	6.1	4.4	- .2	-2.0	-1.7	-1.3	-1.5	-.5	1.5	1.5	3.9	5.6	3.9	3.2	.8	-1.7	-1.4	24	6.1	
18	.3	3.2	4.4	2.5	2.0	3.0	4.7	3.2	1.0	.3	-.2	2.5	3.2	2.2	1.9	.5	1.7	4.9	4.4	3.7	.5	1.2	3.4	3.9	24	4.9	
19	6.8	5.6	4.4	3.7	2.2	3.9	4.2	1.5	.0	1.3	3.9	3.9	2.9	2.7	2.9	4.4	.3	-.7	2.0	1.5	-1.2	-2.4	1.0	3.2	24	6.8	
20	2.5	2.5	2.0	.5	3.7	3.7	2.2	2.7	2.2	2.0	1.0	-1.0	-1.0	.8	.8	1.5	3.7	6.6	4.2	-1.2	2.5	2.5	-.5	3.7	24	6.6	
21	2.9	2.0	1.5	-.5	2.2	3.5	3.5	3.5	1.8	.3	-1.0	-.2	.7	.7	1.7	6.6	5.3	1.2	2.0	.8	-.7	-1.5	4.2	8.1	24	8.1	
22	3.5	1.3	1.3	-2.9	-.2	2.5	3.0	7.1	5.4	2.7	2.6	-2.5	-1.0	-.3	-.7	1.5	1.7	1.5	1.2	3.4	3.7	1.3	2.5	4.7	24	7.1	
23	5.6	.5	-2.9	3.0	6.6	.5	-.4	3.9	3.9	4.6	.7	-1.5	2.7	3.9	.7	1.2	.7	.3	2.9	2.9	2.0	.8	1.0	-1.2	24	6.6	
24	-3.9	2.2	6.6	2.2	3.2	3.7	.8	3.4	2.7	2.2	7.0	6.1	4.1	7.3	5.3	5.3	7.5	4.9	3.4	5.8	8.5	5.4	3.9	5.1	24	8.5	
25	6.6	8.8	5.6	3.2	6.8	8.0	3.7	4.9	6.3	4.4	7.5	6.1	2.9	4.6	5.4	4.6	2.4	2.0	2.2	2.0	1.5	4.6	6.1	4.2	24	8.8	
26	2.9	1.0	3.9	6.8	4.2	2.0	1.7	.8	.0	1.5	1.5	1.8	2.2	.5	1.3	.3	.1	1.0	-3.4	-1.2	2.0	-.7	-1.0	.5	24	6.8	
27	3.5	2.5	1.5	2.0	-.2	1.8	5.2	4.2	4.7	4.7	4.2	2.7	1.5	2.0	4.2	3.7	2.5	3.9	3.2	3.5	3.0	.3	2.3	3.5	24	5.2	
28	3.5	8.3	5.1	-.7	-1.2	-2.9	.5	1.3	-.2	2.5	2.0	-.3	.7	2.2	.0	-1.0	2.4	2.9	.5	3.0	4.7	3.2	1.7	-2.4	24	8.3	
29																										0	
30																										0	
31																										0	
NO.:	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24	24	24	24	24		
MAX:	6.8	8.8	6.6	6.8	6.8	8.0	7.3	7.1	6.3	4.7	7.5	6.8	4.1	7.3	5.4	6.6	7.5	6.6	7.1	8.0	8.5	7.1	8.8	8.8			
AVG:	3.03	3.08	3.13	2.40	2.52	2.60	2.77	3.28	2.73	1.92	1.66	1.24	1.14	1.84	1.95	2.23	2.58	2.93	2.79	2.96	2.74	2.58	2.89	2.80			

MONTHLY OBSERVATIONS: 557 MONTHLY MEAN: 2.49 MONTHLY MAX: 8.8

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: MARCH 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.0	3.2	-1.9	-3.6	-1.2	4.7	2.7	-2.6	-1.2	.7	.7	.2	-1.5	-2.2	-.8	.0	2.2	.0	-.7	2.2	2.9	2.9	1.7	.8	24	4.7	
2	-.5	3.4	4.2	.3	.5	4.4	5.1	4.7	5.4	2.5	1.7	1.2	.2	-1.0	-.8	1.9	2.7	1.2	2.2	4.4	4.2	3.4	3.4	4.2	24	5.4	
3	3.9	.8	2.0	2.9	2.9	4.4	2.9	3.7	2.9	.7	.2	-.5	.4	2.6	2.4	3.8	5.5	3.1	3.6	6.1	5.1	2.9	3.1	2.9	24	6.1	
4	3.2	4.9	5.3	5.1	2.7	.5	7.0	9.7	2.9	1.9	2.4	1.2	.9	.4	1.9	2.4	.7	.7	-.8	-1.7	-.8	.2	2.7	5.1	24	9.7	
5	4.4	2.9	-.3	3.2	5.8	3.7	.0	.2	5.3	4.8	.9	.2	.7	.9	2.6	3.6	.5	-.8	.5	.2	.5	.5	.5	1.2	24	5.8	
6	.0	-.8	-1.3	-2.5	-.8	-3.2	.5	3.4	3.9	3.9	.0	-1.5	-.8	3.3	5.3	3.3	1.4	2.6	3.3	3.9	5.3	2.7	4.1	5.1	24	5.3	
7	1.9	.2	-1.0	-.3	-1.3	.0	5.1	6.1	1.2	2.4	2.2	-.3	2.2	2.2	2.4	2.2	2.7	1.9	.0	.2	2.0	1.0	-.5	2.9	24	6.1	
8	6.6	7.8	6.1	3.4	2.2	3.4	4.9	3.4	2.7	4.6	4.1	3.3	3.6	.9	1.4	4.1	3.4	-.6	.0	4.8	2.4	4.1	3.9	-1.5	24	7.8	
9	1.7	3.2	3.6	4.4	2.7	5.6	5.1	3.2	6.0	5.1	5.0	5.0	5.0	2.4	3.1	5.5	5.8	4.6	2.9	2.7	4.1	4.1	2.4	2.9	24	6.0	
10	2.2	.2	1.5	2.9	6.6	7.5	3.6	4.6	7.2	5.8	5.0	4.1	1.6	2.9	3.8	1.9	4.3	5.3	4.3	5.6	6.0	4.6	5.6	6.1	24	7.5	
11	5.6	5.3	2.7	.0	-2.2	2.2	4.8	4.8	5.8	3.6	1.9	1.6	2.6	3.1	3.3	3.6	5.5	6.3	2.4	2.2	1.2	.2	2.7	1.4	24	6.3	
12	-1.5	.2	3.6	1.9	3.6	6.1	2.2	-3.7	-1.0	5.0	4.1	4.8	4.8	4.8	4.6	4.1	4.1	4.1	2.9	.2	3.1	5.6	5.3	5.8	24	6.1	
13	6.8	7.0	5.6	3.9	4.4	3.4	4.4	6.1	2.6	1.9	3.1	5.8	3.8	4.3	7.2	3.4	1.9	2.6	3.1	2.4	.9	1.9	.9	-.8	24	7.2	
14	.2	1.7	4.6	2.2	-1.7	2.4	5.3	2.4	3.9	5.1	3.2	3.9	4.4	6.5	5.3	2.2	.5	4.4	8.0	6.3	4.6	4.4	4.6	2.2	24	8.0	
15	3.2	5.8	4.6	2.5	3.4	1.5	.3	3.9	5.8	5.8	5.3	2.9	.5	.9	5.1	7.0	5.3	6.5	6.5	5.6	2.4	3.7	7.0	3.7	24	7.0	
16	1.2	2.0	1.5	2.7	4.9	6.1	5.4	3.2	3.7	1.7	2.7	3.9	-.8	1.9	7.0	4.8	4.4	1.2	1.2	1.2	.0	1.2	3.2	2.4	24	7.0	
17	4.9	7.3	6.6	10.0	8.8	22.3	23.6	24.1	25.3	21.1	19.0	21.4	22.6	28.0	25.8	26.3	30.0	28.7	30.0	28.2	25.0	22.6	21.4	20.7	24	30.0	
18	21.1	23.3	22.6	12.2	21.2	17.5	26.8	22.9	21.9	25.8	23.3	21.3	25.0	25.5	18.4	25.0	20.4	19.4	20.2	19.9	23.6	21.6	21.6	26.3	24	26.8	
19	22.1	17.5	20.7	25.3	20.4	23.8	15.8	17.5	21.6	24.3	12.9	12.2	9.7	8.7	8.5	10.0	10.0	4.6	6.8	9.0	8.0	10.0	10.5	9.5	24	25.3	
20	10.7	11.4	8.5	4.6	7.1	12.2	8.8	7.8	8.5	8.0	9.8	9.3	11.7	10.5	6.8	19.9	14.8	13.6	11.9	16.7	17.5	11.7	12.9	18.2	24	19.9	
21	15.5	18.5	17.2	17.2	8.5	11.7	11.9	11.2	8.5	1.2	3.4	3.9	.5	.3	-1.2	-.7	2.9	4.2	2.0	2.2	2.2	2.9	4.9	3.9	24	18.5	
22	3.7	3.0	2.5	1.2	1.3	-.7	3.4	7.1	4.4	4.2	2.2	4.4	5.5	1.2	-1.0	.2	1.4	-.5	-2.5	2.2	3.7	3.4	3.7	3.4	24	7.1	
23	4.7	3.7	2.5	2.2	4.7	4.7	2.5	5.9	3.9	.5	-.5	-1.3	-2.0	-2.2	2.2	3.2	1.5	.0	.7	2.0	1.2	3.2	1.5	-.2	24	5.9	
24	2.0	1.5	.5	4.4	3.2	1.3	6.8	6.8	4.9	3.7	2.9	2.5	1.9	3.6	1.2	.7	6.1	8.3	9.0	4.2	2.7	3.7	4.9	10.5	24	10.5	
25	11.0	10.5	7.1	3.7	4.4	6.6	7.3	5.6	21.6	12.2	6.3	3.4	6.6	4.4	-.2	-.2	1.0	3.4	1.3	.3	.3	.3	5.4	2.9	24	21.6	
26	3.2	1.2	2.5	4.2	5.4	7.3	-.5	-.5	3.4	4.4	3.2	.5	1.0	.8	-.2	-.7	.0	.7	1.0	4.2	6.6	5.6	1.7	.3	24	7.3	
27	4.2	3.2	1.7	2.5	2.2	4.9	3.7	5.6	9.3	6.1	4.8	1.4	-.5	2.4	2.7	2.7	6.3	7.8	5.1	2.7	4.9	5.6	6.3	6.8	24	9.3	
28	3.9	2.0	1.5	3.4	4.2	4.6	5.6	5.4	5.3	3.6	3.3	5.1	3.1	3.1	3.9	3.9	4.4	4.6	4.6	.5	1.0	3.2	1.7	-1.2	24	5.6	
29	-2.0	1.5	4.9	4.7	.5	-1.0	1.0	2.9	2.9	2.8	-.3	-.8	4.1	3.4	2.9	5.3	1.4	3.6	4.8	2.2	3.7	.7	1.0	3.2	24	5.3	
30	2.0	2.0	2.2	.3	-2.5	-1.2	5.6	8.3	2.4	.5	.2	.0	2.4	1.7	.7	1.0	4.4	6.1	1.5	1.7	4.6	3.4	5.4	5.6	24	8.3	
31	.3	-2.7	3.4	4.9	-.7	.3	2.5	.7	1.5	.7	-2.0	-.5	-1.0	-.3	2.2	5.8	6.8	4.9	3.9	4.6	5.6	6.3	5.1	5.6	24	6.8	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	22.1	23.3	22.6	25.3	21.2	23.8	26.8	24.1	25.3	25.8	23.3	21.4	25.0	28.0	25.8	26.3	30.0	28.7	30.0	28.2	25.0	22.6	21.6	26.3			
AVG:	4.75	4.89	4.68	4.19	3.91	5.39	5.94	5.95	6.53	5.63	4.23	3.83	3.81	4.03	4.08	5.04	5.24	4.92	4.51	4.74	4.98	4.76	5.12	5.16			

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: 4.85 MONTHLY MAX: 30.0

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: APRIL 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	7.1	4.9	4.6	2.5	3.9	2.0	.5	2.7	1.9	2.4	2.4	3.9	3.4	1.9	3.1	3.4	1.9	2.9	4.4	2.2	1.7	4.1	1.9	-.3	24	7.1	
2	1.9	2.9	2.0	2.4	2.0	4.9	7.8	5.3	2.7	3.6	5.1	5.1	6.8	3.6	-1.0	1.7	5.8	6.8	4.8	1.4	.9	2.4	.9	-.6	24	7.8	
3	.2	1.9	4.8	5.8	4.3	7.5	5.8	1.7	1.4	2.9	5.1	2.4	-.1	1.7	5.8	5.1	.9	.5	1.2	.5	3.6	6.5	3.6	2.4	24	7.5	
4	1.2	3.4	6.3	4.6	1.5	4.4	8.0	5.1	.0	-4.0	-4.7	-1.3	2.2	.9	.5	1.4	3.2	1.9	4.4	4.6	-1.0	1.0	2.2	2.2	24	8.0	
5	1.7	3.9	3.9	.0	2.0	.3	2.9	2.2	-1.0	-1.0	1.9	2.2	2.4	3.1	3.1	4.8	4.6	1.7	1.9	2.4	1.7	1.4	3.6	5.3	24	5.3	
6	3.1	3.1	2.4	.5	4.8	6.8	4.1	4.6	5.8	5.8	4.3	3.1	3.8	3.1	2.9	1.7	1.9	4.1	1.4	1.9	6.8	6.1	2.4	5.6	24	6.8	
7	6.5	1.9	4.1	5.1	.0	-1.0	3.2	5.3	3.9	2.9	5.8	5.6	7.5	8.7	5.1	8.7	9.7	7.3	6.1	5.6	5.8	5.1	7.3	5.8	24	9.7	
8	6.8	8.3	3.2	2.5	2.0	5.1	4.9	.0	2.9	2.7	-1.5	3.6	6.3	2.9	2.7	1.9	1.2	-1.5	-1.2	4.9	5.8	3.9	3.9	3.4	24	8.3	
9	4.9	4.1	2.9	1.0	.5	5.1	4.1	2.2	6.3	7.0	3.9	1.7	.9	-.5	.0	1.4	.7	-.3	2.2	1.7	.0	4.9	5.9	3.7	24	7.0	
10	.5	1.7	4.6	3.4	2.2	2.7	4.2	6.6	3.4	1.9	3.1	3.6	7.0	7.5	5.8	4.8	3.1	2.6	3.1	1.0	1.2	2.4	3.9	5.1	24	7.5	
11	4.2	7.1	6.8	5.4	6.3	3.2	4.6	6.3	3.4	3.4	4.1	1.9	2.2	2.4	2.6	3.6	3.1	2.2	.9	1.7	3.2	3.2	3.7	3.4	24	7.1	
12	.7	3.7	4.9	2.7	4.1	6.1	7.0	7.0	6.9	7.0	5.8	2.4	4.3	7.2	6.8	3.1	1.7	3.1	4.1	4.6	1.2	1.4	5.1	5.8	24	7.2	
13	7.0	4.9	-1.3	2.2	2.7	3.2	1.5	2.2	4.6	2.1	6.5	6.7	5.8	4.1	6.5	10.0	10.0	10.9	21.1	19.2	15.2	13.8	11.6	12.8	24	21.1	
14	36.8	30.5	26.0	26.8	11.9	13.3	10.0	8.2	8.0	5.8	6.5	7.2	7.5	7.5	10.6	12.6	11.4	10.7	7.7	8.7	13.3	21.3	13.6	12.1	24	36.8	
15	10.0	12.6	12.6	10.0	10.9	10.9	12.9	17.2	BA	BA	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	8	17.2
16	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
17	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
18	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
19	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	5.3	2.1	5.0	4.5	1.1	-2.1	.9	3.3	1.6	4.3	3.6	11	5.3	
20	3.6	5.0	1.6	-.3	3.6	2.9	2.1	4.5	6.5	6.9	3.0	2.4	4.8	6.7	6.2	6.5	7.2	7.2	5.0	4.8	7.4	7.0	6.0	2.6	24	7.4	
21	4.1	5.5	4.3	6.0	5.8	6.3	4.8	2.6	1.4	1.4	1.6	4.6	5.3	4.6	7.0	6.7	6.3	6.5	5.0	6.7	7.5	5.5	3.8	4.1	24	7.5	
22	6.3	7.5	8.0	5.3	6.0	7.0	5.3	5.5	4.6	2.9	2.4	1.6	2.8	5.8	7.2	6.5	9.4	5.8	3.1	6.3	3.1	3.9	4.8	4.6	24	9.4	
23	6.3	4.1	3.1	3.9	4.1	4.8	4.8	5.3	2.9	2.4	1.9	-.3	4.6	3.4	1.9	4.3	4.8	4.5	3.5	5.5	2.4	2.4	6.5	2.8	24	6.5	
24	2.1	3.3	3.1	1.9	1.9	4.5	5.3	4.1	2.3	.6	1.1	3.0	3.6	3.3	6.5	10.6	7.4	5.3	8.9	7.0	4.8	5.3	8.7	10.4	24	10.6	
25	5.3	4.6	6.0	3.6	2.4	1.4	.9	1.6	4.3	4.5	.6	.6	2.3	3.8	4.1	5.7	7.4	7.4	6.2	5.5	6.0	5.3	6.5	9.9	24	9.9	
26	9.9	7.0	23.2	32.6	23.0	19.6	16.9	5.5	4.5	BA	4.5	4.5	3.8	.1	-1.5	3.2	4.5	4.0	2.4	2.8	2.6	1.8	3.2	4.8	23	32.6	
27	3.8	2.9	4.0	5.5	8.2	6.9	4.6	4.1	4.1	4.2	2.3	1.7	2.6	1.9	1.8	.2	.7	4.4	5.4	6.4	5.5	4.2	6.0	5.1	24	8.2	
28	4.8	4.3	3.4	2.7	.2	3.6	3.4	.4	2.6	1.6	2.0	4.2	5.5	5.2	4.9	7.5	7.2	2.3	1.8	3.3	3.1	3.7	5.3	5.3	24	7.5	
29	4.9	7.0	7.0	6.4	7.0	6.9	7.9	9.7	9.4	8.9	11.6	11.4	7.1	5.3	4.6	4.4	4.5	3.4	4.2	4.7	3.2	3.8	2.2	-1.4	24	11.6	
30	3.9	7.1	3.5	.3	.7	4.1	3.3	5.5	4.3	-1.2	-.7	1.6	3.6	3.4	3.2	5.0	3.8	2.8	2.0	2.5	3.4	3.4	6.6	6.6	24	7.1	
31																										0	
NO.:	26	26	26	26	26	26	26	26	25	24	25	25	25	26	26	26	26	26	26	26	26	26	26	26	26		
MAX:	36.8	30.5	26.0	32.6	23.0	19.6	16.9	17.2	9.4	8.9	11.6	11.4	7.5	8.7	10.6	12.6	11.4	10.9	21.1	19.2	15.2	21.3	13.6	12.8			
AVG:	5.68	5.89	5.96	5.49	4.69	5.48	5.42	4.82	3.88	3.11	3.14	3.34	4.24	3.96	3.94	4.99	4.88	4.14	4.13	4.49	4.30	4.82	5.13	4.81			

MONTHLY OBSERVATIONS: 618 MONTHLY MEAN: 4.63 MONTHLY MAX: 36.8

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: MAY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.9	.3	.6	2.4	2.5	6.3	5.2	2.8	5.1	4.5	2.3	.4	.1	3.0	4.3	3.3	1.7	2.1	4.1	3.1	3.0	4.6	3.6	2.7	24	6.3
2	3.2	3.4	2.8	1.1	3.3	4.3	2.5	6.9	5.9	AG	2.7	-1	2.5	4.5	3.3	2.7	3.8	3.1	3.1	5.3	3.9	.5	4.0	5.9	23	6.9
3	3.8	2.8	.6	1.8	3.9	3.8	3.3	5.6	6.7	5.3	6.0	5.2	3.3	3.1	6.8	7.1	4.4	4.9	5.6	6.1	4.1	4.1	4.0	2.8	24	7.1
4	5.1	5.1	5.0	8.3	10.1	11.4	10.5	7.0	6.4	7.9	7.3	5.3	5.5	4.5	3.2	4.2	5.7	4.1	4.4	4.7	3.5	5.6	3.2	.7	24	11.4
5	1.1	3.6	6.4	3.9	4.5	3.6	3.3	5.5	4.3	.5	-1.2	.2	-.2	1.7	1.9	2.5	4.7	6.2	4.7	3.9	4.9	5.5	4.4	1.7	24	6.4
6	2.6	4.8	3.6	2.4	2.3	.6	2.8	8.0	7.3	3.5	2.2	-.8	3.0	7.5	7.8	8.1	6.0	8.0	7.3	5.1	8.2	7.5	7.5	10.6	24	10.6
7	9.7	8.8	9.2	7.7	7.2	9.5	9.3	6.8	7.4	10.4	9.9	10.1	12.5	11.7	9.5	9.3	6.5	7.1	8.9	7.8	9.2	9.8	7.9	7.5	24	12.5
8	7.6	6.3	6.4	7.5	7.5	8.3	10.0	9.6	7.7	7.5	6.8	4.7	6.1	7.6	8.8	10.3	8.9	7.4	5.4	3.3	3.1	3.0	4.6	5.9	24	10.3
9	8.3	9.3	6.9	9.1	10.2	6.6	4.4	4.3	2.8	1.5	2.9	6.4	7.3	4.6	2.4	3.0	1.8	-.4	1.1	4.0	2.6	2.4	2.6	5.2	24	10.2
10	6.1	2.9	2.9	3.8	3.2	.3	-1.5	2.1	4.2	2.3	.7	1.7	3.1	2.8	2.8	2.9	3.5	2.5	3.8	2.1	-2.1	.8	2.0	.2	24	6.1
11	.6	-.2	1.3	3.2	1.3	2.6	5.3	4.8	4.2	1.8	.4	.1	3.3	5.9	3.9	1.2	-2.0	-.6	2.4	6.5	5.6	-.8	-1.3	2.5	24	6.5
12	4.7	6.5	6.0	1.1	.5	5.1	4.6	.4	-.5	3.5	5.3	5.0	4.3	.5	.8	5.1	5.5	1.5	2.3	4.5	6.0	7.9	3.4	3.9	24	7.9
13	7.8	4.1	4.1	6.3	2.8	.7	1.1	5.8	4.6	.9	4.3	3.5	1.6	4.3	6.0	1.8	-.6	2.8	4.0	2.9	5.9	6.2	1.1	.7	24	7.8
14	3.6	3.6	2.9	2.7	3.9	4.8	4.8	7.9	10.2	6.2	1.4	1.3	3.3	6.2	8.4	7.0	6.9	8.0	7.6	9.9	11.8	9.9	8.2	7.2	24	11.8
15	7.4	10.2	9.3	7.0	6.8	7.1	5.5	8.1	10.4	10.6	9.1	3.9	3.9	4.7	6.1	6.6	7.0	6.6	4.6	5.0	4.4	5.9	6.7	5.0	24	10.6
16	4.3	3.4	3.9	4.2	1.8	2.8	4.1	2.7	3.3	5.3	4.4	1.9	.9	.3	2.5	4.7	6.0	4.7	2.7	2.9	3.3	5.2	6.0	.9	24	6.0
17	3.9	7.7	3.8	2.9	2.7	2.8	1.0	-2.0	.8	5.3	5.2	2.9	3.2	4.2	2.6	2.2	2.4	2.6	5.7	4.4	1.1	.7	.8	1.6	24	7.7
18	1.0	1.5	2.5	3.9	3.5	2.0	3.6	6.7	4.8	3.5	4.4	1.7	-1.4	.6	2.6	2.2	3.3	2.7	.2	2.7	2.2	-.6	2.5	3.7	24	6.7
19	4.2	4.3	2.8	1.2	1.3	2.1	.2	.0	.2	-.4	1.1	.6	-.7	.1	1.3	2.7	3.1	2.9	2.2	2.3	3.1	2.4	1.3	-.9	24	4.3
20	1.2	4.4	4.6	4.3	3.2	3.0	3.7	3.5	1.3	.1	1.7	1.6	.0	-.1	-1.2	.4	5.8	5.3	4.6	7.3	3.7	1.9	4.9	8.8	24	8.8
21	9.3	6.1	2.5	4.1	6.4	3.9	3.6	6.5	2.7	-.1	2.7	3.1	5.8	5.5	4.1	6.7	5.6	2.8	4.8	6.8	4.2	4.9	6.0	1.4	24	9.3
22	5.1	8.2	4.5	6.3	5.8	2.5	2.7	2.8	4.8	4.6	2.0	3.4	4.0	6.0	8.5	5.8	5.6	7.0	6.9	4.3	.8	5.4	10.3	7.6	24	10.3
23	5.4	6.2	5.2	3.3	2.5	.8	2.9	6.2	8.2	8.2	7.4	9.3	6.4	5.8	8.9	7.1	8.4	7.6	6.4	11.4	11.5	6.2	1.1	2.9	24	11.5
24	6.3	6.3	6.0	5.2	-.5	.6	5.4	5.6	5.8	5.2	4.0	2.2	3.6	7.2	5.9	3.7	4.9	6.7	8.7	8.6	7.0	6.2	4.2	1.9	24	8.7
25	1.0	1.3	3.0	5.1	5.4	6.7	5.2	3.4	4.1	3.0	1.3	-.3	3.2	3.7	1.2	1.9	5.5	7.9	6.8	6.8	7.7	7.8	8.2	7.8	24	8.2
26	5.4	3.4	7.8	9.1	7.9	10.0	7.3	7.7	6.9	2.0	3.7	5.4	6.8	4.2	2.6	5.8	5.1	5.2	3.2	.1	2.6	4.8	3.8	3.4	24	10.0
27	4.1	3.5	4.9	5.4	.3	1.8	2.9	2.6	5.0	4.0	9.2	9.4	5.4	6.3	3.2	.7	3.9	7.3	7.4	5.1	2.7	3.0	4.0	2.5	24	9.4
28	.9	4.2	5.6	3.2	3.6	6.6	6.7	6.2	7.9	6.7	6.5	9.4	8.1	2.6	2.4	5.1	5.1	5.5	4.7	6.7	9.0	8.9	7.5	4.1	24	9.4
29	4.4	4.7	3.5	5.2	6.5	5.5	4.9	6.2	7.6	8.4	4.0	2.3	4.4	2.0	6.6	7.1	4.5	5.8	3.2	4.6	5.1	4.9	6.0	4.6	24	8.4
30	4.2	1.3	-.7	.3	1.3	-1.1	1.3	2.3	-2.2	-1.8	1.1	3.6	3.1	-.3	-3.5	-.3	3.4	3.7	5.0	4.1	3.6	2.8	1.1	3.3	24	5.0
31	4.8	4.2	4.5	5.3	1.3	-.5	3.2	3.7	1.7	1.8	3.9	4.0	2.4	2.5	4.1	4.5	6.4	7.0	3.4	4.5	6.9	5.3	5.3	5.1	24	7.0
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	9.7	10.2	9.3	9.1	10.2	11.4	10.5	9.6	10.4	10.6	9.9	10.1	12.5	11.7	9.5	10.3	8.9	8.0	8.9	11.4	11.8	9.9	10.3	10.6		
AVG:	4.55	4.59	4.27	4.43	3.97	4.02	4.19	4.83	4.83	4.07	3.96	3.46	3.70	3.97	4.12	4.37	4.61	4.77	4.68	5.06	4.79	4.60	4.35	3.91		

MONTHLY OBSERVATIONS: 743 MONTHLY MEAN: 4.34 MONTHLY MAX: 12.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: JUNE 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	5.5	7.9	10.1	8.7	4.8	4.7	6.5	6.0	4.8	4.6	7.7	6.3	3.0	4.3	6.1	6.5	6.7	6.2	4.6	4.6	4.4	5.5	4.7	3.6	24	10.1	
2	3.6	2.9	2.5	6.4	3.4	-3.3	3.4	10.0	6.8	4.4	2.6	2.1	5.4	7.0	7.6	6.4	7.9	7.6	5.8	6.0	5.6	6.3	6.2	5.8	24	10.0	
3	5.8	2.9	3.1	5.8	2.5	3.3	2.7	3.9	7.4	6.0	6.2	5.0	4.2	2.3	2.0	3.2	4.2	2.8	2.3	3.7	5.4	2.6	-0.9	1.8	24	7.4	
4	.2	-2	4.4	4.6	4.3	6.3	8.8	6.7	2.0	2.7	4.1	1.2	2.5	4.0	2.2	2.5	4.1	3.2	1.7	2.5	4.3	6.5	6.2	4.8	24	8.8	
5	1.7	3.0	7.3	3.9	.7	3.7	4.4	.6	-1.3	-1.1	1.0	2.5	3.1	2.8	1.7	1.9	4.5	8.8	6.6	3.8	5.5	4.5	3.5	4.5	24	8.8	
6	6.8	7.6	5.4	3.3	2.9	3.7	4.5	3.1	3.1	3.2	8.1	12.2	6.9	2.2	2.7	3.4	3.5	.9	-2.5	.3	.8	1.7	2.0	-0.3	24	12.2	
7	2.3	3.3	1.5	-1.5	-2.0	1.5	1.3	1.5	1.3	-0.8	2.1	2.2	2.2	3.0	4.3	3.6	2.0	-0.4	1.2	1.6	.6	5.0	4.3	.7	24	5.0	
8	3.6	5.8	5.0	3.9	3.4	2.6	1.2	.1	-1.2	.0	4.3	5.9	3.3	2.5	3.9	4.6	4.0	2.4	5.1	7.7	6.8	6.5	9.1	7.6	24	9.1	
9	5.3	5.4	3.2	7.4	5.8	2.4	4.7	6.2	8.4	7.7	6.6	7.8	5.6	2.6	1.9	2.2	5.6	9.1	7.6	5.5	7.3	7.3	7.4	6.3	24	9.1	
10	3.2	3.5	1.1	.2	3.7	7.7	9.6	7.7	6.9	4.9	3.1	5.2	6.0	4.7	2.7	3.8	5.2	6.4	8.0	8.1	5.5	4.4	8.3	9.3	24	9.6	
11	6.8	6.8	6.6	7.1	7.8	8.1	9.1	10.8	8.4	4.4	4.6	7.4	9.4	8.8	9.5	9.7	9.0	9.3	9.6	7.9	6.2	8.2	7.4	2.0	24	10.8	
12	2.4	5.8	5.3	2.2	2.4	4.9	2.9	6.4	9.9	5.7	4.0	5.2	6.0	4.8	6.8	7.1	4.3	6.1	5.9	3.4	7.3	9.8	4.4	1.4	24	9.9	
13	1.2	1.0	1.8	2.6	4.7	8.3	8.8	5.6	5.9	6.4	5.0	7.1	7.2	5.9	7.1	7.3	4.4	5.2	5.9	3.1	1.7	1.2	3.9	4.6	24	8.8	
14	4.7	5.5	3.9	3.6	2.7	2.6	4.7	6.3	5.3	1.5	2.8	4.8	4.0	5.5	4.7	5.7	7.4	5.5	4.9	5.6	5.3	5.1	4.8	3.7	24	7.4	
15	5.0	6.6	6.7	4.9	2.4	1.2	1.0	5.0	7.4	5.5	4.3	3.8	5.4	5.8	5.9	6.8	4.0	5.1	7.9	5.9	6.5	5.9	6.5	8.3	24	8.3	
16	6.5	8.3	5.3	2.0	3.3	5.4	5.9	3.8	3.4	4.2	5.1	8.6	10.1	8.3	9.0	8.9	8.0	8.1	9.0	8.9	8.0	9.6	27.7	26.0	24	27.7	
17	15.4	14.0	10.4	9.8	11.1	9.8	7.5	8.0	8.6	6.4	8.1	9.8	10.9	10.2	9.8	10.9	10.2	9.5	9.4	11.9	12.1	9.0	6.8	7.4	24	15.4	
18	6.7	6.7	8.3	5.9	6.9	7.6	5.8	9.0	12.2	10.2	7.1	5.7	7.2	8.8	6.7	5.1	6.0	8.3	5.2	3.6	3.4	3.5	5.4	6.8	24	12.2	
19	7.0	2.8	1.6	3.6	3.1	2.5	4.1	3.7	2.2	3.2	3.8	5.8	6.3	3.5	1.7	5.1	2.4	3.0	6.7	2.2	1.7	2.4	2.7	2.8	24	7.0	
20	4.2	5.0	3.9	4.2	4.8	4.2	1.5	4.9	8.4	4.5	3.4	5.8	2.2	-0.1	1.6	3.9	3.8	3.4	6.0	5.3	4.1	3.9	4.6	4.2	24	8.4	
21	5.3	4.2	2.2	3.2	3.4	4.0	5.7	7.6	6.1	3.0	4.1	4.2	5.8	5.0	3.7	5.3	4.8	4.2	5.2	3.8	2.2	2.7	4.0	5.5	24	7.6	
22	7.3	4.3	3.2	4.0	1.9	.9	.9	3.5	7.8	5.8	5.2	6.2	5.0	6.4	4.9	1.9	2.1	4.6	4.4	4.5	3.3	2.4	5.4	6.3	24	7.8	
23	6.6	6.9	6.0	5.5	4.7	3.4	4.0	6.3	6.3	3.6	2.9	6.1	6.1	3.5	5.7	7.7	7.1	7.8	8.0	7.6	5.2	-0.2	.5	4.6	24	8.0	
24	6.9	5.4	3.8	5.9	4.0	2.9	5.7	7.3	5.3	4.9	8.8	9.9	8.1	5.7	4.5	6.1	6.2	8.0	8.1	6.5	6.4	4.8	7.1	7.9	24	9.9	
25	6.6	7.1	5.2	4.4	5.2	4.1	4.2	4.7	3.3	2.3	4.1	7.1	7.8	5.0	4.1	4.2	5.0	7.2	6.5	3.0	1.1	3.5	4.7	2.7	24	7.8	
26	3.0	4.6	7.2	6.1	3.4	1.2	1.7	2.2	2.6	4.6	4.7	6.3	7.0	6.3	3.8	2.1	1.5	3.1	5.7	4.8	2.1	4.3	7.2	6.2	24	7.2	
27	5.7	4.1	4.2	5.2	3.4	.9	-2.0	2.3	10.2	9.5	6.8	7.1	5.4	3.7	4.0	6.0	7.5	3.7	4.5	6.4	4.4	7.9	9.5	6.4	24	10.2	
28	5.5	5.5	4.5	4.4	4.9	5.7	4.9	6.5	7.0	7.0	7.2	10.3	11.0	7.0	10.6	13.3	16.3	14.4	13.3	10.5	8.3	8.7	9.1	11.8	24	16.3	
29	14.1	12.2	10.3	9.3	10.6	9.8	8.4	11.0	12.0	13.5	13.0	12.1	12.5	11.9	12.3	11.3	10.8	13.0	12.1	9.1	10.5	11.3	9.5	7.4	24	14.1	
30	5.9	7.1	8.3	6.3	7.3	8.4	7.3	5.8	6.8	16.6	8.9	7.6	6.4	7.6	9.7	10.0	7.3	5.4	8.9	8.2	5.2	6.7	8.8	7.2	24	16.6	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	15.4	14.0	10.4	9.8	11.1	9.8	9.6	11.0	12.2	16.6	13.0	12.2	12.5	11.9	12.3	13.3	16.3	14.4	13.3	11.9	12.1	11.3	27.7	26.0			
AVG:	5.49	5.53	5.08	4.76	4.25	4.28	4.64	5.55	5.91	5.15	5.32	6.38	6.20	5.30	5.37	5.88	5.86	6.06	6.25	5.53	5.04	5.37	6.36	5.91			

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: 5.48 MONTHLY MAX: 27.7

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: JULY 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	7.7	10.3	8.8	6.6	7.7	6.7	3.7	5.6	17.7	8.5	6.0	6.3	9.3	7.7	4.7	6.2	8.1	9.8	7.5	4.5	6.1	6.9	11.5	12.3	24	17.7	
2	9.0	6.6	5.2	4.4	5.1	5.6	3.1	2.9	3.2	4.5	6.2	5.7	7.2	7.1	5.7	7.1	5.7	5.3	7.6	6.1	7.0	6.6	7.7	13.4	24	13.4	
3	14.7	10.0	5.0	4.7	6.0	5.5	5.4	7.3	5.4	7.2	9.8	7.8	8.5	6.0	3.0	7.8	9.4	3.2	29.2	10.4	10.2	10.5	8.2	5.7	24	29.2	
4	8.0	9.1	7.8	8.2	5.0	4.2	5.3	5.9	7.2	6.7	8.7	8.4	7.0	9.0	9.3	10.5	11.3	9.5	10.1	11.7	9.3	7.7	10.3	11.0	24	11.7	
5	11.7	12.7	10.7	7.4	9.2	11.3	10.5	10.6	9.5	10.3	11.8	11.0	11.5	9.5	6.6	6.9	8.3	8.6	7.4	9.1	10.3	7.3	4.4	7.2	24	12.7	
6	9.6	8.4	10.5	8.2	7.3	8.1	8.6	9.0	5.6	5.7	7.1	8.2	8.4	10.3	11.4	13.5	12.7	10.5	10.7	10.6	9.2	9.0	9.2	8.9	24	13.5	
7	7.6	8.1	6.3	6.1	10.1	9.1	7.1	5.6	6.6	9.9	9.7	9.1	10.8	8.9	8.6	9.6	7.9	6.4	8.3	9.0	9.2	12.1	11.8	10.2	24	12.1	
8	9.3	6.6	4.4	5.0	6.5	8.9	7.3	4.8	7.3	8.3	8.9	7.8	5.8	6.3	7.1	7.6	8.8	9.4	7.9	6.5	5.7	7.5	7.0	4.3	24	9.4	
9	9.6	11.5	9.6	7.7	4.7	5.6	6.3	6.7	6.4	5.1	5.1	5.0	6.9	8.9	8.0	8.9	10.4	10.2	9.6	11.1	7.1	6.1	10.2	9.7	24	11.5	
10	9.0	9.9	9.0	7.0	7.3	8.4	11.3	12.7	10.8	9.2	5.6	6.1	9.0	6.7	5.8	9.4	8.6	4.3	7.0	9.9	11.8	13.9	11.5	9.6	24	13.9	
11	7.9	7.2	9.8	8.1	6.1	6.3	6.5	7.0	7.1	8.9	11.1	10.5	9.1	5.5	5.5	8.2	5.8	6.7	9.0	6.3	7.0	10.8	13.2	15.0	24	15.0	
12	13.0	10.5	8.8	7.6	6.0	3.5	3.1	5.9	4.8	5.6	10.1	8.9	8.3	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	13	13.0
13	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
14	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
15	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
16	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
17	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
18	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
19	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	6.8	4.9	6.5	7.2	6.8	11.0	9.5	7.4	10.3	11.3	10.9	7.9	7.1	5.3	14	11.3	
20	5.7	8.1	6.6	4.9	6.7	6.2	5.5	5.7	5.6	6.4	5.6	7.0	7.0	4.3	7.4	7.0	3.8	4.0	3.0	4.1	1.6	1.6	4.2	3.6	24	8.1	
21	4.1	1.4	1.4	1.1	-1.7	-2.9	-3.7	2.9	6.3	3.8	2.9	.5	-1.3	2.7	3.7	2.7	3.5	2.5	6.6	7.9	4.1	4.9	8.6	7.0	24	8.6	
22	5.0	5.1	3.3	3.2	1.7	.0	.6	.1	5.1	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	9	5.1
23	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
24	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
25	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
26	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
27	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
28	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
29	AL	AL	AL	AL	AL	AL	AL	AL	AL	3.2	3.9	2.5	1.6	5.9	7.4	7.3	7.6	4.4	5.1	6.5	7.1	8.9	8.9	11.0	15	11.0	
30	7.0	4.0	3.4	2.3	4.2	5.9	6.8	5.3	2.8	2.3	3.6	3.4	4.1	4.0	5.5	6.0	8.8	9.9	7.4	7.2	6.9	5.9	4.6	7.0	24	9.9	
31	7.0	5.2	9.8	10.5	6.6	8.3	8.9	6.3	5.1	5.6	6.1	5.3	5.3	5.7	7.4	8.7	6.8	7.9	10.2	10.5	9.1	7.9	8.3	9.7	24	10.5	
NO.:	17	17	17	17	17	17	17	17	17	17	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17		
MAX:	14.7	12.7	10.7	10.5	10.1	11.3	11.3	12.7	17.7	10.3	11.8	11.0	11.5	10.3	11.4	13.5	12.7	10.5	29.2	11.7	11.8	13.9	13.2	15.0			
AVG:	8.58	7.92	7.08	6.06	5.79	5.92	5.66	6.14	6.85	6.54	7.17	6.58	6.94	6.81	6.70	8.14	8.06	7.06	9.23	8.39	7.80	7.97	8.63	8.88			

MONTHLY OBSERVATIONS: 411 MONTHLY MEAN: 7.29 MONTHLY MAX: 29.2

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: AUGUST 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9.6	9.2	9.2	7.2	7.9	9.4	7.2	7.0	7.1	4.2	5.8	9.5	10.8	9.3	6.3	7.4	7.0	2.9	4.0	5.2	4.0	3.8	4.1	4.4	24	10.8	
2	5.8	8.8	7.1	3.5	5.0	7.0	7.7	7.7	7.4	7.2	6.9	6.5	4.8	5.1	6.1	5.3	5.4	4.3	3.9	4.9	6.1	9.9	9.3	6.0	24	9.9	
3	3.5	3.0	4.7	4.8	4.6	2.8	2.6	2.6	3.5	5.2	7.9	12.4	9.1	8.0	6.2	3.9	4.7	4.3	4.6	7.4	9.4	6.9	6.6	5.6	24	12.4	
4	4.5	4.3	4.3	6.0	6.3	6.4	5.7	5.1	6.3	7.2	7.3	8.0	8.3	7.0	9.4	8.2	3.8	4.0	6.6	19.9	4.2	4.9	3.6	2.2	24	19.9	
5	3.2	2.6	3.1	5.9	7.7	8.4	8.6	5.3	4.1	6.8	6.0	5.8	4.0	4.2	6.2	6.5	6.3	4.9	6.1	7.4	4.5	.0	.9	3.9	24	8.6	
6	5.2	6.7	7.2	6.9	5.7	4.7	1.5	1.1	5.6	6.6	5.2	6.5	6.9	6.4	5.2	2.3	4.4	7.1	5.7	4.9	3.8	5.8	5.5	3.7	24	7.2	
7	6.8	7.1	5.7	4.9	3.4	-.5	-2.1	1.8	6.0	7.5	5.6	2.1	4.1	9.1	5.9	2.7	3.4	3.7	6.9	8.0	5.8	6.0	8.1	9.3	24	9.3	
8	5.9	2.6	5.1	7.5	5.5	3.1	3.6	4.0	5.3	5.3	6.0	8.2	8.6	7.7	7.1	5.7	4.8	5.1	5.9	6.8	2.6	2.1	4.0	3.6	24	8.6	
9	6.3	6.3	4.6	5.0	6.3	4.1	4.5	7.1	16.5	5.4	4.6	7.2	8.7	5.9	4.5	5.0	9.5	11.6	8.5	6.4	5.2	3.8	6.3	8.6	24	16.5	
10	5.3	5.2	6.7	6.0	3.6	2.0	5.2	6.6	7.2	6.3	4.1	4.7	5.7	7.6	8.8	6.6	2.7	3.3	7.0	6.3	4.5	6.0	5.3	3.1	24	8.8	
11	.8	5.0	8.2	6.0	5.2	3.9	2.1	1.9	2.2	4.6	4.3	1.4	1.8	3.5	4.6	5.0	6.1	6.5	6.4	7.2	6.7	6.8	9.4	6.0	24	9.4	
12	3.4	5.7	5.4	6.9	7.5	5.8	5.3	3.3	.9	3.4	5.6	6.3	8.2	8.0	7.4	4.0	3.4	7.8	8.9	10.3	8.8	7.1	8.0	8.3	24	10.3	
13	8.8	7.4	4.1	2.2	4.8	4.6	3.2	4.4	4.7	3.4	3.7	6.3	6.0	3.4	4.0	9.5	11.2	7.7	7.0	6.5	6.6	7.1	7.9	9.2	24	11.2	
14	6.8	5.4	6.3	6.1	6.6	7.0	6.9	5.7	7.1	7.3	6.9	17.3	7.2	8.7	9.1	9.7	9.2	6.3	6.1	6.5	8.1	9.2	9.1	7.6	24	17.3	
15	6.3	4.5	4.3	5.5	4.9	8.0	10.2	7.7	4.8	4.8	6.6	7.1	6.6	9.4	12.5	8.8	5.5	5.6	8.5	7.8	4.2	5.5	7.2	6.5	24	12.5	
16	3.9	1.6	1.7	4.2	5.3	5.2	6.4	2.7	-1.0	-.1	.2	3.8	5.6	5.9	6.4	5.5	5.2	6.0	7.9	8.9	8.2	5.4	6.8	9.1	24	9.1	
17	8.4	10.1	10.4	5.8	6.3	10.3	8.9	6.1	6.3	6.5	4.1	1.9	2.5	7.4	6.5	2.9	5.4	5.8	3.7	6.5	8.6	8.0	8.3	6.6	24	10.4	
18	5.4	6.6	7.3	6.1	5.3	7.3	7.8	4.1	3.2	3.8	5.7	9.3	11.7	10.2	8.5	8.4	7.6	6.1	4.3	6.2	8.0	9.6	7.7	2.9	24	11.7	
19	3.7	6.3	6.5	7.0	9.3	10.1	9.0	7.4	8.6	11.5	23.4	26.2	25.9	22.4	20.5	16.7	12.6	16.5	13.2	17.9	15.9	17.0	16.2	20.2	24	26.2	
20	16.4	13.9	16.9	14.4	14.3	14.6	11.8	10.0	11.2	12.3	14.2	13.4	12.8	16.6	12.2	10.6	8.6	7.5	7.6	8.9	10.2	8.4	6.3	6.7	24	16.9	
21	6.8	7.9	7.5	5.9	6.8	7.7	7.9	7.6	4.5	2.6	6.4	17.0	7.5	7.7	7.6	8.4	7.4	4.5	4.3	5.8	6.2	8.1	9.2	7.5	24	17.0	
22	5.5	5.7	7.3	7.7	5.0	2.9	3.6	6.3	9.1	8.7	8.8	7.8	8.9	10.4	6.8	7.4	6.9	6.0	6.3	7.2	9.4	8.7	8.6	9.6	24	10.4	
23	9.3	7.7	6.0	4.0	7.0	9.1	6.0	4.0	5.7	5.2	4.5	6.6	9.0	21.8	7.5	8.2	9.8	6.8	6.2	9.8	8.9	7.1	8.4	8.2	24	21.8	
24	6.4	5.6	6.0	7.7	7.1	6.3	6.9	8.4	10.0	10.7	9.0	7.5	9.9	11.7	12.5	11.4	9.2	7.0	7.2	10.6	11.9	10.5	9.4	9.3	24	12.5	
25	9.8	8.7	9.2	10.8	9.9	11.1	10.6	7.9	7.8	10.8	11.5	10.8	11.9	11.8	11.8	19.9	12.4	12.5	9.5	9.6	8.7	8.5	10.5	8.9	24	19.9	
26	8.4	7.7	6.7	4.4	5.5	7.2	9.0	8.9	6.7	6.4	5.6	6.8	8.8	7.4	7.0	9.5	9.9	7.2	7.3	9.8	10.2	10.3	11.7	11.9	24	11.9	
27	10.5	11.8	15.9	9.5	9.6	9.9	16.8	11.7	10.9	10.8	11.7	10.4	9.9	9.0	6.2	11.1	20.4	20.0	13.2	12.9	13.3	11.2	10.1	13.4	24	20.4	
28	16.2	12.0	9.1	8.3	11.2	12.6	15.9	12.0	11.6	11.3	10.5	11.7	12.3	12.1	12.3	10.4	12.2	12.6	8.7	8.7	10.8	12.4	12.6	9.0	24	16.2	
29	8.1	11.5	11.1	10.7	9.4	7.0	9.3	8.0	6.7	8.5	8.6	7.9	7.9	11.0	11.5	10.2	10.4	10.3	10.5	9.1	17.0	11.2	8.0	6.5	24	17.0	
30	8.2	8.2	8.8	9.6	9.1	8.4	7.9	7.9	8.1	8.8	7.9	8.1	9.5	11.5	9.0	10.0	11.9	10.5	9.3	10.3	8.9	6.6	5.2	5.5	24	11.9	
31	9.3	12.1	8.8	7.8	10.9	10.1	6.5	8.6	11.9	10.9	11.0	9.9	7.6	7.1	7.4	5.0	4.7	6.0	6.0	3.7	.9	.9	3.3	4.4	24	12.1	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	16.4	13.9	16.9	14.4	14.3	14.6	16.8	12.0	16.5	12.3	23.4	26.2	25.9	22.4	20.5	19.9	20.4	20.0	13.2	19.9	17.0	17.0	16.2	20.2			
AVG:	7.05	7.14	7.26	6.72	7.00	6.98	6.98	6.22	6.77	6.90	7.41	8.66	8.47	9.27	8.29	7.94	7.81	7.43	7.14	8.43	7.79	7.38	7.66	7.35			

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: 7.50 MONTHLY MAX: 26.2

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: SEPTEMBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	3.3	2.8	4.1	6.5	6.7	4.6	2.9	3.8	4.3	5.8	5.9	4.8	5.1	6.5	10.2	9.5	4.2	3.4	7.2	7.0	6.1	8.6	7.3	4.5	24	10.2	
2	4.4	3.4	4.1	4.8	4.7	5.2	.8	.9	6.9	6.7	6.3	6.8	5.7	7.1	8.0	4.8	4.6	4.7	3.8	5.9	6.8	7.4	6.7	4.4	24	8.0	
3	5.4	4.6	3.2	4.5	3.8	3.2	2.5	2.2	5.1	5.3	3.5	2.8	4.6	8.2	8.0	8.3	8.7	6.8	7.3	6.2	5.9	7.1	7.6	6.4	24	8.7	
4	5.5	7.1	8.4	9.7	9.3	8.2	8.1	7.7	7.9	9.5	8.3	10.0	13.7	10.7	7.6	9.0	9.3	8.5	10.4	9.6	7.0	9.4	13.0	12.1	24	13.7	
5	8.5	9.4	11.0	10.3	9.3	8.0	6.4	6.0	7.5	7.7	7.4	7.2	7.0	7.8	10.5	9.6	8.9	10.4	9.7	8.0	6.7	8.0	9.9	9.8	24	11.0	
6	8.4	7.3	4.1	4.1	5.7	5.3	5.6	6.6	9.2	10.2	6.7	6.7	11.0	16.2	10.7	7.6	6.9	10.3	11.2	10.5	11.6	11.2	8.1	7.3	24	16.2	
7	6.4	7.7	9.8	9.2	9.2	9.7	8.1	7.5	8.3	9.4	10.6	10.5	8.9	6.8	7.5	9.7	10.0	12.6	14.1	10.6	8.2	8.5	10.4	10.7	24	14.1	
8	11.8	14.7	12.8	11.4	11.4	10.2	12.0	11.3	11.0	11.5	11.1	12.4	10.7	9.2	11.1	10.4	10.3	9.0	7.9	9.5	11.6	13.3	11.8	11.3	24	14.7	
9	10.2	8.7	10.7	12.5	11.8	9.9	11.8	12.3	8.4	6.5	7.1	9.5	8.2	6.6	9.1	2.8	1.8	14.2	11.7	6.4	3.9	6.5	7.6	4.1	24	14.2	
10	4.8	4.8	4.1	4.3	4.4	7.2	6.7	4.3	4.1	5.5	5.4	9.0	11.8	9.3	5.7	4.6	6.3	5.6	6.8	7.0	5.5	4.1	3.1	4.1	24	11.8	
11	4.1	6.0	6.9	4.1	4.0	10.3	13.4	8.1	5.1	7.2	6.0	5.0	3.4	4.0	7.7	8.4	7.4	6.0	6.4	4.5	3.9	6.4	8.9	6.9	24	13.4	
12	3.7	6.3	7.0	5.3	5.9	9.5	9.9	8.5	7.9	7.5	8.0	8.2	9.0	10.6	10.7	11.1	11.5	9.4	8.0	8.7	10.2	10.1	8.1	6.0	24	11.5	
13	6.8	9.1	7.3	3.6	4.2	6.5	7.9	5.7	4.2	6.7	7.4	5.8	6.0	7.0	7.4	7.4	4.8	5.1	7.0	7.9	7.2	.1	-.5	4.3	24	9.1	
14	6.8	10.9	3.6	-1.5	2.2	5.3	7.1	2.8	2.8	2.8	3.1	4.2	3.2	1.8	1.9	2.5	1.1	.6	6.7	7.8	4.2	-.1	.6	7.5	24	10.9	
15	9.1	6.4	2.9	4.1	4.5	1.8	-1.1	-1.0	1.3	6.8	9.8	5.4	4.5	5.3	5.8	6.6	4.7	2.1	2.1	2.4	5.0	5.2	4.8	6.9	24	9.8	
16	5.4	2.8	1.8	1.6	2.1	2.1	2.4	2.5	5.7	11.1	10.7	7.1	5.0	AV	AV	AV	AV	AV	1.5	7.5	9.1	7.3	3.0	2.8	19	11.1	
17	4.7	5.2	6.0	7.3	4.3	-.6	.3	4.6	7.1	5.7	7.2	8.6	6.9	7.9	7.3	6.0	6.1	3.3	4.1	5.9	5.1	9.5	12.4	10.9	24	12.4	
18	6.6	3.0	3.0	2.8	4.4	6.9	5.6	2.6	4.4	10.1	10.2	6.4	6.7	8.6	7.8	4.6	2.1	3.1	4.7	4.3	4.5	4.1	7.9	8.5	24	10.2	
19	6.4	4.7	4.3	4.9	3.0	3.1	3.6	4.3	4.7	3.9	2.0	2.2	7.6	6.9	5.3	7.6	5.9	3.2	1.9	2.6	4.0	5.0	6.2	5.9	24	7.6	
20	4.7	2.5	1.6	1.5	-.8	2.2	5.4	2.0	.7	5.2	4.2	4.2	4.3	5.1	9.3	6.6	3.2	2.3	2.7	6.1	10.0	7.6	5.0	5.7	24	10.0	
21	4.7	4.0	3.3	3.6	4.9	.3	-2.7	-1.3	-.2	5.5	6.2	4.5	4.2	1.6	2.8	2.8	1.6	.9	3.1	3.8	3.2	6.0	8.1	4.7	24	8.1	
22	2.1	3.5	3.2	.1	-1.4	-2.1	-2.7	1.3	5.6	3.2	1.7	4.8	5.2	5.0	4.0	1.6	1.2	2.6	4.3	5.2	3.5	2.4	3.3	3.8	24	5.6	
23	4.5	4.5	3.2	1.3	-.1	-.3	1.3	6.3	8.8	7.3	5.3	5.8	6.4	5.3	5.5	4.5	4.1	6.4	5.9	4.6	5.5	6.3	8.9	10.5	24	10.5	
24	6.1	1.1	.2	2.4	3.5	1.3	-.1	.2	2.4	5.5	5.4	3.6	4.3	5.9	1.6	1.6	8.3	5.0	3.4	5.5	6.6	4.9	2.3	2.1	24	8.3	
25	1.6	2.6	3.2	-.2	-2.5	-1.1	-2.5	-2.4	1.6	8.1	6.1	2.9	4.2	2.8	1.1	.2	2.4	3.6	2.9	-.8	-.8	.7	1.7	5.2	24	8.1	
26	4.9	2.1	1.6	2.3	1.1	.1	-1.4	-2.5	-.4	6.2	5.3	.5	4.3	5.0	4.5	5.3	5.0	3.5	1.3	5.6	9.2	4.0	3.4	4.8	24	9.2	
27	7.0	8.3	6.3	7.6	5.2	3.7	6.2	4.5	4.3	5.5	6.7	6.7	6.9	4.3	3.5	2.9	3.3	3.4	4.2	8.1	6.4	4.2	6.9	5.0	24	8.3	
28	3.4	5.7	5.4	3.2	.9	1.2	4.1	5.0	2.6	2.9	5.7	3.6	3.8	4.3	4.6	6.2	6.4	5.1	1.1	.3	5.5	10.9	11.2	6.4	24	11.2	
29	4.8	6.2	6.6	4.5	2.8	2.2	-2.7	-1.2	1.6	2.7	4.8	5.1	8.3	12.0	8.8	5.8	7.3	4.0	1.5	5.3	6.5	7.0	7.1	3.8	24	12.0	
30	4.8	6.8	3.3	2.4	3.4	4.3	5.8	6.7	7.9	6.1	3.8	2.4	4.7	4.8	6.7	6.0	5.5	4.1	5.2	3.8	3.6	4.7	3.6	3.3	24	7.9	
31																											0
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	30	30	30	30	30		
MAX:	11.8	14.7	12.8	12.5	11.8	10.3	13.4	12.3	11.0	11.5	11.1	12.4	13.7	16.2	11.1	11.1	11.5	14.2	14.1	10.6	11.6	13.3	13.0	12.1			
AVG:	5.70	5.74	5.10	4.61	4.26	4.27	4.16	3.98	5.03	6.60	6.40	5.89	6.52	6.78	6.71	6.00	5.62	5.49	5.60	5.99	6.19	6.35	6.61	6.32			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 5.66 MONTHLY MAX: 16.2

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: OCTOBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.4	6.0	5.4	2.1	2.1	2.9	3.8	4.1	4.0	3.0	.7	2.7	5.7	4.1	4.8	5.0	4.6	4.8	4.8	4.5	4.6	7.3	9.9	9.8	24	9.9
2	7.6	4.7	1.8	.9	1.9	2.0	-1.0	.6	6.4	9.6	8.6	5.8	6.7	6.9	4.8	5.1	6.5	6.4	4.4	5.6	8.9	8.0	8.6	7.0	24	9.6
3	7.7	8.0	2.3	1.0	4.3	3.2	-1.0	.9	6.8	10.1	8.1	6.7	6.2	4.0	2.7	5.5	5.7	3.8	3.1	3.2	6.2	5.4	2.3	.7	24	10.1
4	2.4	4.5	3.3	1.2	1.2	2.2	3.4	3.9	5.0	9.6	7.0	2.3	1.9	2.6	1.4	.8	4.3	4.4	1.6	.9	2.1	.4	.2	1.5	24	9.6
5	3.0	5.7	3.8	3.8	2.5	-.2	2.3	5.5	3.8	2.6	3.1	4.1	5.5	3.3	2.7	3.8	3.1	3.9	3.9	4.3	4.3	2.5	.3	2.5	24	5.7
6	4.5	2.1	1.2	2.9	4.3	2.6	.4	-1.0	.2	6.4	8.8	4.1	4.4	6.7	4.5	2.3	-1.3	-.9	1.6	.7	.6	-1.5	-1.2	1.2	24	8.8
7	2.0	2.8	6.2	4.3	1.5	4.3	3.8	.7	1.6	5.1	6.5	6.9	4.9	2.1	2.1	1.2	3.8	4.3	-1.8	-2.5	3.4	5.3	4.1	3.1	24	6.9
8	1.5	4.2	5.7	3.4	3.3	2.4	2.4	2.1	1.7	3.5	8.6	5.6	2.1	.8	-1.3	.1	-.4	-.7	1.2	1.4	1.9	1.4	1.9	1.4	24	8.6
9	1.4	2.2	3.1	1.7	2.4	3.2	4.8	3.8	3.9	5.9	5.3	7.6	5.8	2.3	1.5	-1.1	-.2	2.6	3.0	1.8	-.6	-1.0	.5	2.4	24	7.6
10	3.8	4.6	4.7	3.8	3.4	4.0	1.1	-.5	1.7	3.2	1.5	6.0	7.2	1.5	.1	.7	1.8	1.7	4.4	3.0	.8	-.4	-1.1	-.3	24	7.2
11	2.0	4.5	3.8	4.1	5.2	3.1	2.4	4.5	3.7	2.0	6.5	7.2	1.4	2.1	3.5	1.6	1.6	1.1	.2	1.0	4.0	2.3	.5	2.8	24	7.2
12	3.1	3.3	3.3	4.0	2.4	3.4	4.9	1.3	-1.7	2.5	8.3	7.6	6.0	6.3	2.9	.0	2.9	6.4	5.4	4.1	5.3	6.6	4.2	2.7	24	8.3
13	5.7	5.5	5.0	5.1	2.1	2.2	5.2	5.0	4.1	5.3	7.8	10.9	8.0	4.8	7.3	5.0	4.5	5.5	6.3	7.8	5.5	1.0	-.9	-1.3	24	10.9
14	-.8	1.8	1.6	.4	1.4	2.9	4.1	5.3	5.4	3.2	7.6	7.2	2.1	3.2	1.2	-1.6	-1.2	2.0	.8	5.4	9.5	6.7	7.1	4.4	24	9.5
15	.8	.4	1.3	.7	2.0	5.2	4.7	2.6	3.5	2.4	4.8	6.5	2.6	3.1	4.3	4.7	3.8	5.2	3.1	3.4	6.9	6.6	5.2	4.5	24	6.9
16	3.0	2.1	1.7	3.4	4.5	2.8	1.9	2.9	4.7	3.8	16.0	1.6	2.3	2.4	4.1	5.4	4.5	4.1	5.1	8.5	10.2	6.1	4.5	4.9	24	16.0
17	1.5	-1.1	-.6	6.0	7.0	2.1	2.2	3.8	4.1	7.2	8.1	1.2	-1.5	1.3	.4	.5	2.7	4.8	5.2	3.6	6.0	5.9	4.3	3.8	24	8.1
18	3.8	4.4	6.2	5.0	-1.6	-2.4	1.4	2.4	4.8	6.6	4.7	4.7	4.9	3.5	2.1	3.8	3.3	3.5	2.3	.7	2.6	2.8	3.6	4.9	24	6.6
19	2.6	2.2	3.8	3.4	4.8	6.2	4.2	3.0	2.2	4.4	8.8	6.5	2.3	2.5	2.4	-.4	.3	4.2	3.5	2.3	2.0	.4	.9	1.2	24	8.8
20	3.1	4.0	3.7	.9	.2	1.9	2.0	3.7	5.2	3.9	5.1	6.5	2.1	1.9	3.3	1.8	.9	1.0	3.2	6.0	7.0	3.0	-.3	.0	24	7.0
21	.8	3.3	1.8	.3	1.6	.9	.2	.6	-.5	1.3	6.0	6.8	2.5	.5	2.3	2.0	3.8	3.8	3.9	6.0	6.5	6.1	3.5	1.2	24	6.8
22	2.9	4.2	2.1	1.7	3.8	2.2	2.7	5.5	4.3	4.6	5.0	4.0	2.1	2.2	3.5	2.4	3.6	5.3	5.9	3.8	4.4	6.4	5.4	2.6	24	6.4
23	2.0	3.6	3.1	3.1	3.1	3.4	3.6	3.6	3.3	2.0	6.2	6.1	3.4	5.9	3.2	1.0	3.2	1.1	1.4	7.2	8.1	6.6	3.6	-.4	24	8.1
24	-1.7	1.2	3.8	3.8	4.3	4.3	3.1	3.6	4.9	3.4	5.8	8.1	5.6	1.4	3.0	6.6	5.5	6.5	7.8	9.7	10.2	6.8	4.5	3.8	24	10.2
25	3.5	2.9	4.6	5.7	3.5	1.9	2.4	3.3	2.6	8.1	11.6	11.5	11.4	6.9	6.2	5.9	4.0	4.3	5.7	4.9	2.9	.2	.4	-.5	24	11.6
26	-4.8	-.4	3.0	2.6	3.0	1.6	.5	1.8	5.7	5.1	2.0	5.6	8.7	10.3	10.1	8.9	8.5	4.2	1.9	2.6	3.9	5.2	4.3	3.3	24	10.3
27	3.1	3.9	6.7	6.2	4.0	1.4	2.2	4.1	3.5	7.3	9.7	11.1	12.7	10.6	6.3	3.3	3.9	6.5	8.7	4.8	.5	2.2	5.1	5.7	24	12.7
28	3.3	2.8	6.5	5.8	5.3	4.6	4.9	7.2	6.9	5.5	5.5	7.2	6.9	6.7	7.6	6.9	6.0	6.7	6.6	4.6	5.1	6.7	6.3	7.4	24	7.6
29	6.5	5.8	7.4	6.3	6.7	6.7	6.0	6.7	5.7	5.0	5.3	8.2	9.6	9.5	6.5	2.4	3.1	4.3	5.3	5.7	3.6	4.7	7.7	8.1	24	9.6
30	6.9	5.1	7.0	10.2	38.4	5.1	5.9	4.2	2.5	4.6	6.7	6.5	6.4	4.7	3.1	2.8	1.5	3.1	2.8	2.4	1.9	.6	-1.0	.0	24	38.4
31	2.0	2.9	4.4	5.5	4.6	3.6	4.0	1.7	1.1	-.2	2.4	8.5	8.9	3.4	-.7	1.7	2.2	2.7	4.1	4.2	2.0	-.5	.8	2.9	24	8.9
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	7.7	8.0	7.4	10.2	38.4	6.7	6.0	7.2	6.9	10.1	16.0	11.5	12.7	10.6	10.1	8.9	8.5	6.7	8.7	9.7	10.2	8.0	9.9	9.8		
AVG:	2.79	3.46	3.80	3.53	4.30	2.89	2.85	3.14	3.60	4.68	6.35	6.40	5.24	4.15	3.48	2.80	3.13	3.77	3.66	3.92	4.51	3.69	3.05	2.96		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: 3.84 MONTHLY MAX: 38.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: NOVEMBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	3.1	.9	1.0	2.7	3.4	3.5	5.7	2.8	.3	2.6	7.0	8.5	4.5	2.1	1.4	2.2	2.2	-1.8	-2.1	2.3	4.1	4.3	4.4	.8	24	8.5	
2	-1.5	.3	1.7	2.9	2.6	3.0	5.1	5.7	2.8	.9	1.0	3.6	4.6	1.8	1.2	3.6	4.3	4.1	4.3	3.2	4.4	6.4	3.2	.9	24	6.4	
3	.5	1.2	2.8	2.4	2.8	1.6	.9	.6	.0	.9	1.9	2.0	6.0	7.0	3.2	.3	-1.7	.3	4.6	5.2	2.8	1.4	.7	.4	24	7.0	
4	.9	.7	1.0	2.8	1.6	1.2	1.7	2.5	4.1	3.9	5.1	7.1	6.2	5.3	3.5	6.3	6.9	6.2	4.3	3.1	3.4	3.5	1.1	-1.2	24	7.1	
5	.0	2.2	2.7	3.3	.8	-2.5	-1.5	-1.5	-1.2	1.3	3.4	3.2	5.4	7.4	5.0	3.1	1.4	-.5	.0	.7	.7	.3	2.4	1.9	24	7.4	
6	1.7	2.6	.9	.5	1.1	-2.2	-1.1	1.4	.9	4.5	6.8	6.6	7.0	5.6	5.6	5.5	3.4	3.2	5.1	6.0	4.1	4.1	3.3	2.2	24	7.0	
7	3.1	1.9	.6	4.2	6.0	4.4	4.5	2.9	3.3	5.7	7.5	7.0	5.8	6.5	5.9	2.3	.1	2.2	2.7	2.9	2.6	1.7	1.5	2.3	24	7.5	
8	3.7	4.1	3.5	1.2	.8	2.8	4.8	3.2	3.5	4.8	4.1	4.2	6.7	5.6	1.5	2.7	3.6	4.6	4.5	2.5	5.1	6.2	5.0	7.7	24	7.7	
9	6.7	3.9	3.6	3.8	7.5	7.6	3.6	3.5	4.6	4.9	7.3	8.7	8.2	8.5	4.7	3.4	4.9	2.2	3.2	5.7	4.4	5.5	4.6	4.0	24	8.7	
10	5.7	7.7	6.2	4.5	7.1	7.6	8.2	6.3	5.5	3.8	2.2	4.0	2.9	3.3	2.7	-.2	2.9	4.1	-.3	-.7	1.5	3.5	5.8	5.0	24	8.2	
11	3.7	4.9	5.1	4.4	4.9	5.6	6.3	6.3	5.1	5.4	7.3	7.6	5.4	7.5	8.4	3.1	2.0	3.6	2.8	2.0	3.9	4.5	1.7	1.0	24	8.4	
12	2.2	1.9	1.4	5.1	4.5	1.2	.6	3.5	6.5	5.0	3.6	2.2	3.7	4.6	5.8	5.5	3.9	5.5	4.9	2.1	1.2	7.0	6.4	2.6	24	7.0	
13	.4	-.8	4.7	7.7	6.6	3.6	3.7	4.8	4.5	3.1	2.2	3.5	5.5	5.0	4.0	2.6	3.3	6.9	9.1	6.3	.9	-.2	1.1	4.0	24	9.1	
14	6.1	6.5	6.5	4.5	2.4	2.7	2.6	.8	3.8	6.2	4.8	4.6	10.4	10.0	7.0	6.9	4.6	4.0	2.1	1.2	2.1	-.2	.7	4.6	24	10.4	
15	3.9	5.2	6.9	4.8	4.2	5.1	5.6	5.3	4.9	6.3	6.7	16.9	16.9	16.8	14.9	8.3	4.9	6.7	5.5	3.0	-.6	3.3	5.4	2.3	24	16.9	
16	4.9	11.3	8.9	6.1	6.0	4.4	5.3	5.4	6.8	6.3	6.1	9.1	17.6	-.3	.9	5.2	3.7	-.1	4.5	2.8	.9	4.9	6.0	4.6	24	17.6	
17	3.5	6.0	5.3	3.7	4.2	5.4	6.8	6.2	4.5	3.2	4.2	7.3	10.0	6.4	3.8	3.3	1.9	1.9	1.8	-.4	-3.0	2.1	4.5	2.8	24	10.0	
18	.8	2.3	4.2	1.4	-.4	1.8	3.3	1.6	.5	1.3	4.5	8.6	5.9	4.2	5.9	3.9	1.0	-1.1	3.7	5.0	-.3	-.7	1.1	-.4	24	8.6	
19	-1.3	3.2	4.5	4.0	7.5	7.9	5.2	1.9	1.7	2.7	3.7	6.0	6.3	7.4	6.0	6.3	6.2	6.1	8.0	7.4	4.8	4.9	7.3	8.2	24	8.2	
20	6.6	4.0	6.1	11.3	8.0	2.4	2.1	1.7	2.1	5.4	7.2	6.9	9.6	8.1	6.6	4.1	.6	3.3	3.1	2.6	2.1	.4	3.4	3.8	24	11.3	
21	3.5	5.3	4.1	4.5	2.7	3.0	6.1	2.0	-.5	.5	1.7	1.4	1.0	3.7	4.9	2.2	-1.7	-.3	4.4	5.9	6.8	6.5	5.1	5.1	24	6.8	
22	6.1	5.9	3.1	2.7	4.4	4.4	5.6	6.7	5.1	5.4	6.3	6.0	6.2	10.1	7.4	1.7	3.1	3.3	2.3	1.0	1.9	.2	.2	4.7	24	10.1	
23	5.5	4.4	5.2	6.7	4.5	2.8	.8	1.9	1.9	.9	4.6	5.1	6.2	5.9	2.6	1.4	2.0	4.3	3.7	.4	-.7	2.2	3.0	.3	24	6.7	
24	3.2	5.6	2.5	.0	.8	4.3	4.2	2.4	1.9	2.7	4.2	2.5	6.4	9.7	5.1	2.4	3.1	4.3	3.7	1.3	-1.4	-2.4	.3	3.5	24	9.7	
25	6.1	6.6	3.9	4.9	6.2	5.7	4.7	2.6	1.9	3.0	6.1	9.0	10.3	8.4	4.1	.9	1.5	4.5	3.1	2.8	6.0	6.6	8.0	8.0	24	10.3	
26	4.1	4.4	4.8	4.1	5.5	5.6	6.3	6.5	5.2	4.1	5.6	8.1	5.9	4.8	4.7	2.3	.4	-.1	.4	1.0	2.3	1.2	1.6	5.1	24	8.1	
27	7.2	5.4	2.7	3.7	5.7	4.4	1.7	1.3	-1.0	.1	4.1	5.1	6.8	4.4	3.1	3.1	3.1	3.5	2.1	1.2	2.3	4.9	5.9	3.5	24	7.2	
28	2.0	3.7	1.2	2.7	4.0	2.3	4.5	2.9	2.9	3.9	4.8	5.7	5.7	6.1	4.2	2.0	-.5	.8	-1.1	-1.9	2.1	1.2	2.4	3.8	24	6.1	
29	2.3	.8	3.3	3.5	1.9	1.2	2.2	4.2	2.4	2.7	5.1	6.3	8.6	8.2	4.1	.5	-1.5	.1	4.8	4.2	1.7	3.1	2.7	4.6	24	8.6	
30	4.7	1.7	2.0	4.3	4.5	3.1	3.6	2.7	3.9	4.5	3.6	9.8	7.6	1.9	2.5	.9	1.7	2.9	4.9	7.2	6.3	6.3	7.4	5.4	24	9.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	7.2	11.3	8.9	11.3	8.0	7.9	8.2	6.7	6.8	6.3	7.5	16.9	17.6	16.8	14.9	8.3	6.9	6.9	9.1	7.4	6.8	7.0	8.0	8.0	8.2		
AVG:	3.31	3.79	3.68	3.95	4.06	3.46	3.77	3.27	2.93	3.53	4.76	6.22	7.11	6.20	4.75	3.19	2.38	2.82	3.34	2.87	2.41	3.09	3.54	3.38			

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: 3.83 MONTHLY MAX: 17.6

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0745) National Park Service

REPORT FOR: DECEMBER 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	3.3	1.3	3.1	3.9	.7	1.3	4.0	7.6	9.2	9.7	18.3	6.7	7.0	7.7	8.5	10.5	12.3	12.1	12.2	13.7	17.5	27.4	16.2	12.0	24	27.4	
2	10.2	4.7	2.3	5.8	5.3	1.4	2.4	6.5	6.9	5.2	4.0	6.5	11.2	7.3	4.3	3.6	4.0	2.4	-.9	3.0	4.9	5.8	6.0	4.6	24	11.2	
3	.1	-1.9	.3	1.2	1.7	1.2	2.4	3.0	5.4	6.7	6.0	4.4	5.9	8.2	3.3	1.5	4.4	4.5	2.6	6.4	8.8	6.3	6.7	6.3	24	8.8	
4	7.5	7.4	5.3	6.1	7.0	7.3	7.5	6.8	7.2	6.0	4.3	3.2	4.9	8.0	5.0	.4	-.7	.6	4.1	3.8	2.9	2.6	2.2	3.3	24	8.0	
5	2.1	1.7	2.5	5.5	4.8	3.9	3.9	4.3	7.6	5.1	2.6	3.1	4.2	1.7	2.7	4.5	2.9	3.1	3.2	5.1	5.0	3.4	4.5	3.3	24	7.6	
6	1.7	2.2	2.7	3.3	2.2	3.7	5.5	5.2	6.6	7.2	6.9	5.7	4.6	5.4	2.8	3.0	6.1	3.2	1.5	3.5	2.7	3.8	3.5	.8	24	7.2	
7	3.9	4.6	4.0	1.9	1.5	2.3	.2	.5	1.4	.5	1.8	6.0	6.8	8.7	4.7	-.4	3.4	4.6	1.5	-.5	1.7	2.1	1.2	2.6	24	8.7	
8	2.2	3.4	7.8	5.3	1.0	3.0	4.5	3.4	3.4	3.9	5.2	7.9	6.8	3.7	1.6	1.4	2.3	5.3	.7	-2.9	-.5	1.0	2.2	3.8	24	7.9	
9	7.4	9.6	7.0	2.3	4.2	5.0	3.4	3.1	2.1	1.7	2.1	2.4	3.3	4.0	3.1	-.1	-.8	.6	-1.0	.7	5.0	3.5	1.9	2.1	24	9.6	
10	1.3	2.9	3.3	2.6	2.1	1.9	2.1	1.7	1.4	1.7	3.0	2.6	3.9	5.6	3.9	1.3	.2	1.7	2.6	2.8	2.3	1.4	.7	.9	24	5.6	
11	1.4	.5	1.8	4.7	3.0	1.5	4.0	2.5	.8	3.7	6.2	5.8	6.2	5.4	3.7	3.0	1.4	2.2	3.8	2.9	3.0	1.8	-.1	4.3	24	6.2	
12	4.5	-.8	.4	5.0	4.0	1.7	4.0	7.7	6.4	4.7	3.6	3.4	4.6	5.9	3.3	2.0	4.6	5.6	5.9	2.4	-2.4	.4	5.1	5.3	24	7.7	
13	5.2	6.9	5.7	3.7	5.5	5.0	3.3	1.7	2.1	.4	1.0	3.5	3.5	2.7	5.0	5.3	1.2	2.9	3.2	.5	2.5	4.0	2.6	2.1	24	6.9	
14	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
15	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	5.3	4.8	6.3	6.9	4.1	2.2	2.5	1.6	-1.1	-1.9	1.9	5.9	6.7	7.5	14	7.5	
16	8.4	6.5	5.9	7.5	7.3	7.6	7.6	7.4	9.3	10.4	8.7	7.2	9.3	10.2	6.9	5.1	3.5	1.4	3.9	6.9	6.6	8.9	9.0	7.9	24	10.4	
17	8.1	7.5	7.4	7.1	8.4	8.9	8.3	7.9	5.9	4.0	4.1	8.2	10.6	7.8	5.2	6.0	5.5	4.5	4.7	2.9	2.1	3.5	6.8	6.5	24	10.6	
18	4.2	4.8	6.7	6.4	2.4	2.3	6.3	6.6	4.0	4.8	7.1	9.1	11.9	13.1	12.6	8.8	5.4	6.7	5.5	6.2	6.6	4.7	4.9	4.7	24	13.1	
19	4.3	6.0	6.9	7.2	5.8	4.9	6.0	6.4	9.3	10.2	9.2	9.2	10.2	10.2	8.4	4.8	4.0	6.1	8.5	7.8	3.1	-.1	1.2	3.5	24	10.2	
20	5.3	6.0	4.9	5.9	6.0	9.4	11.6	8.5	5.1	5.8	11.4	17.4	17.4	15.1	5.2	8.0	8.8	5.8	3.4	3.6	4.5	4.0	3.6	4.2	24	17.4	
21	4.0	3.2	2.9	6.6	8.1	4.1	3.8	4.1	2.9	3.3	5.5	7.1	6.4	5.0	5.1	7.4	8.6	5.6	3.7	4.4	1.8	-.5	2.3	4.8	24	8.6	
22	4.5	4.8	4.6	4.0	2.5	4.6	7.1	6.0	5.8	6.5	5.2	2.1	4.4	6.3	5.0	4.2	2.4	2.8	3.9	2.9	3.1	3.7	3.9	3.6	24	7.1	
23	2.3	1.8	1.9	1.4	1.4	2.0	2.1	1.7	1.5	1.9	3.2	4.7	5.9	6.2	8.9	6.6	1.4	-2.2	-3.0	1.5	3.7	4.5	5.6	4.4	24	8.9	
24	2.8	3.2	3.1	1.6	1.3	2.8	3.5	5.3	6.7	5.2	4.6	4.6	5.3	7.9	11.0	10.4	4.0	-2.3	-.6	3.4	4.7	4.8	3.6	3.4	24	11.0	
25	4.0	1.8	.5	2.5	2.5	3.0	3.0	1.3	1.8	2.9	3.3	3.9	4.8	7.1	6.7	3.3	2.2	2.5	1.5	.8	1.7	.3	.4	2.9	24	7.1	
26	1.7	.9	1.6	1.5	2.8	2.8	1.1	.4	-.9	-.6	3.6	7.9	14.0	.9	4.0	4.0	1.5	.5	-1.6	-1.2	2.3	2.3	.7	4.1	24	14.0	
27	5.2	2.5	2.4	4.2	4.3	4.1	4.5	2.6	1.0	1.2	2.3	3.5	5.8	5.4	2.8	2.5	1.9	1.2	.8	-.8	.8	3.6	1.9	1.4	24	5.8	
28	3.9	3.4	1.6	3.7	5.5	2.6	.7	1.6	1.5	3.2	4.3	4.2	5.4	8.8	8.2	4.0	2.3	5.3	8.7	5.4	1.1	2.2	4.3	3.2	24	8.8	
29	2.5	1.6	.4	1.7	2.4	1.3	1.6	.0	-1.8	-1.6	1.1	6.0	6.0	4.8	3.6	3.1	4.3	4.5	5.4	4.7	4.4	3.2	1.1	-.7	24	6.0	
30	-2.1	-.3	2.5	6.3	3.5	.1	3.6	4.4	3.6	4.0	3.9	6.0	5.6	4.0	4.1	2.9	6.5	7.7	5.1	6.0	5.2	1.6	1.4	4.0	24	7.7	
31	2.1	.1	2.1	4.0	3.1	1.2	1.3	1.8	1.9	3.9	5.7	7.5	8.4	7.8	9.1	7.9	5.3	6.3	4.4	-1.2	-1.3	1.0	2.8	4.5	24	9.1	
NO.:	29	29	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	10.2	9.6	7.8	7.5	8.4	9.4	11.6	8.5	9.3	10.4	18.3	17.4	17.4	15.1	12.6	10.5	12.3	12.1	12.2	13.7	17.5	27.4	16.2	12.0			
AVG:	3.86	3.32	3.50	4.24	3.80	3.48	4.11	4.14	4.07	4.19	5.12	5.82	7.02	6.73	5.43	4.24	3.71	3.56	3.09	3.09	3.52	3.90	3.76	4.04			

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 4.25 MONTHLY MAX: 27.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0002 POC: 1
 COUNTY: (057) Weber
 CITY: (55980) Ogden
 SITE ADDRESS: 228 32ND STREET, OGDEN, UTAH
 SITE COMMENTS: THIS SITE REPLACES OG (490570001) WHICH WAS DEMOLISHED FOR NEW CONST.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.206389
 LONGITUDE: -111.974722
 UTM ZONE: 12
 UTM NORTHING: 4561914
 UTM EASTING: 418278
 ELEVATION-MSL: 1316
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1		2.0	10.6	7.6	4.0	6.1	8.1	6.4 X	24.7	5.9	2.9	1.7
2		4.6	7.8	6.0	3.6	4.8	19.9	7.5 X	15.0	5.3	7.3 X	5.8
3	26.1 X	10.0	3.2	1.7	5.0	3.5	11.0	4.6 X	17.3	5.0	13.0	5.0
4	33.8 X	24.3	5.5	3.8	3.4	7.0	P 43.8 rh	4.7 X	11.8	3.4 X	3.3	6.0
5	P 41.0 X	14.3	5.1	4.3	4.3	5.8	9.1	4.6	10.7	1.4	3.7 X	5.5
6	P 49.6 X	3.2	3.2	5.1	6.4	8.5	AM	7.0	7.9	1.9	4.5 X	
7	P 64.6 X	3.8	5.9	3.4	8.6	2.4	8.2	6.5 X	11.9	3.2 X	4.5 X	AN
8	P 55.2 X	2.5	4.8		2.6	3.7	6.3 X	6.5 X	9.5	4.9 X	9.5	26.7
9	25.5 X	6.2	3.8	AN		3.1	4.7 X	6.9 X	6.1	5.8	11.4	34.0
10	11.0	9.1	4.8	4.0	AN	3.6	4.3	6.4 X	6.7 X	4.9	16.8	25.3
11	14.0 X	8.6	2.5	4.7	3.3	5.1	4.9 X	6.5 X	5.7	2.5 X	19.4	21.5
12	21.2 X	9.7		5.4	2.9	6.0	5.8 X	7.2 X	5.3	4.7	7.0	22.3
13	P 46.5 X	7.4	4.1	5.0	5.0	6.4	4.1	8.1 X	8.8	6.5	5.2	24.0
14	P 44.6 X	5.7		4.6	4.2	4.0	5.3	12.0 X	6.6	7.6	5.1	23.9
15	P 56.0 X	4.0	3.8	12.1	AM	4.7	.0	5.0 X	7.3	7.7	5.2	22.0
16	34.4 X	4.9	3.9	6.7	AN	4.2	5.4	15.7	6.5	4.8	7.7	21.0
17	2.7	3.3	3.2	3.0	2.7	3.8	5.8	12.2	5.9	3.2	6.9	29.8
18	4.1	5.1	13.1	1.7	1.6	4.1	5.3 X	8.5 X	6.2	5.1	2.6	34.3
19	2.5	3.5	9.5	4.4	2.0	2.2	5.8	7.7 X	5.0	8.4	4.2	25.8
20	8.2	2.4	5.0	4.6	2.8	3.7	6.5 X	8.3 X	5.3	5.9	8.5	27.4
21	12.8	7.2	8.4	3.5	5.6	5.0	7.0	5.7 X	6.3	7.0	16.4	17.2
22	3.8	4.4	1.6	5.4	4.8	5.6	6.5	6.6 X	5.5	6.4	11.0	5.9
23	7.1	AN	2.3	7.5	4.2	6.0	8.9 X	7.2 X	6.9	5.5	7.2	10.9
24	12.2	AM	3.2	6.3	2.8	6.7	18.4 X	8.1 X	7.6	5.0	6.2	15.2
25	15.4	AN	4.9	1.5	4.0	7.0	8.8	5.4	5.9	5.2	2.3	26.1
26	21.0 X	6.0	2.5	2.0	3.9	4.6	6.4 X	5.7 X	6.2	6.0 X	7.3	28.4
27	21.7 X	6.8	1.4	2.6	3.1	8.2	5.6 X	6.4 X	6.8	7.0	10.4	30.2
28	29.5	7.8	2.4	4.1	6.1	11.2	6.0 X	14.5 X	6.6	9.9 X	13.7	24.2
29	P 35.6		2.4	2.4	1.2	16.3	8.4 X	7.2 X	7.5	13.2	20.4	10.4
30	32.8		2.2	3.2	1.7	8.3	8.2 X	11.9 X	6.5	6.9		.0
31	10.6		3.9				7.2 X	7.7		5.9		5.1
NO.:	29	25	29	28	26	30	30	31	30	31	29	29
MAX:	64.6	24.3	13.1	12.1	8.6	16.3	43.8	15.7	24.7	13.2	20.4	34.3
MEAN:	25.64	6.67	4.66	4.52	3.84	5.72	8.52	7.70	8.33	5.68	8.40	18.47
ANNUAL OBSERVATIONS:		347		ANNUAL MEAN:	9.06	ANNUAL MAX:	64.6					

9 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

9 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (**) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-1003 POC: 1
 COUNTY: (057) Weber
 CITY: (00000) Not in a city
 SITE ADDRESS: 425 W 2550 NORTH, OGDEN, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.303683
 LONGITUDE: -111.987067
 UTM ZONE: 12
 UTM NORTHING: 4572719
 UTM EASTING: 417376
 ELEVATION-MSL: 1331
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1			10.4					AM					
2		4.3				3.5	9.7				4.5	3.6	
3				2.5	3.5				5.3	4.4			
4	P 38.4		3.1					4.1					
5		12.0				5.2	5.3				3.0	3.1	
6	P 52.6 X			4.3	5.4								
7			6.0					5.2					
8		2.1 Y				2.9	7.2				6.5	20.8	
9	32.9 X			4.6	1.1								
10			4.0					4.7					
11		7.7				2.8	4.2				14.7	24.3	
12				4.7	3.4					.7			
13			2.3					5.3					
14		5.0				3.2	2.8				3.9	20.2	
15				10.8	7.5				5.9	3.5			
16			3.4					15.3					
17		2.6				2.6	4.4				3.7	30.3	
18	3.6			1.3	1.6				4.3	3.2			
19			9.6					6.3					
20		2.3				2.9	4.7				9.5	26.3	
21	9.0			2.5	3.5				4.4	4.8			
22			1.4					4.8					
23		3.2				5.7	9.6				4.1	8.0	
24	9.0			7.2	2.6				5.2				
25			5.5					4.8		3.1			
26		7.1				4.0	6.8				3.5	24.9	
27	24.6			2.1	3.1				4.9	5.8			
28			1.2					5.2					
29						10.5	7.4				13.5		
30	28.5			3.8	1.6				6.4	6.6			
31			3.1					6.1					
NO.:	8	9	11	10	10	10	10	10	7	8	10	9	
MAX:	52.6	12.0	10.4	10.8	7.5	10.5	9.7	15.3	6.4	6.6	14.7	30.3	
MEAN:	24.83	5.14	4.55	4.38	3.33	4.33	6.21	6.18	5.20	4.01	6.69	17.94	
ANNUAL OBSERVATIONS:		112		ANNUAL MEAN:	7.47	ANNUAL MAX:	52.6	2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5					
								2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
3	Field Issue	QA
9	Negative value detected - zero reported	QA
AG	Sample Time out of Limits	NULL
AL	Voided by Operator	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AO	Bad Weather	NULL
AQ	Collection Error	NULL
AR	Lab Error	NULL
AT	Calibration	NULL
AV	Power Failure	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BF	Precision/Zero/Span	NULL
W	Flow Rate Average out of Spec.	QA
X	Filter Temperature Difference out of Spec.	QA
Y	Elapsed Sample Time out of Spec.	QA
rh	Fireworks	REQEXC

Note: Qualifier codes with regional concurrence are shown in upper case,
 and those without regional concurrence are shown in lower case.