

User ID: HPI

RAW DATA MAX VALUES REPORT

Report Request ID: 1439570

Report Code: AMP350MX

Apr. 26, 2016

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	49			88101							

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
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CRITERIA

SELECTED OPTIONS

Option Type	Option Value
SINGLE EVENT PROCESSING	INCLUDE EVENTS
MERGE PDF FILES	YES
AGENCY ROLE	PQAO

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2015 01 01	2015 12 31

APPLICABLE STANDARDS

Standard Description
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
NO2 Annual 1971
Ozone 8-Hour 2008
PM10 24-hour 2006
PM25 24-hour 2013
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: 41.4927067004  
 LONGITUDE: -112.01886314  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1334  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SPM

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

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			4.7	1.6				5.4				
2		5.4				3.9	8.6				2.0	
3	29.4				3.0				7.6	3.5		17.7
4			3.1	1.5				5.8				15.6
5		3.6				5.5	6.6				3.3	15.3
6	33.5				3.8				3.5	3.3		10.2
7			7.6	8.1				4.9				8.9
8		1.5				4.2	5.3				4.6	9.7
9	6.1				1.7				6.9	3.1		5.1
10			7.2	5.4				6.7				2.6
11		1.7				4.0	3.7				2.8	3.5
12	17.4				5.3				8.3	3.4		2.9
13			2.2	3.7				4.3				2.7
14		9.5				3.9	4.2		8.0	3.6		1.2
15				1.7	4.0							2.8
16			4.8					18.8				4.3
17		2.0				5.8	4.5					5.5
18	13.5			3.8	1.9				3.2	2.5		12.4
19			2.1	5.7				32.2				7.8
20		3.3				5.6	3.5					5.8
21	2.5			6.6	2.7				4.4	3.4		1.3
22			2.0					P 43.4				1.0
23		1.8				8.2	3.4					.8
24	12.6			5.7	2.8				6.1	4.2		1.5
25			.9					7.6				1.7
26		3.8				5.3	4.1					1.5
27	16.5			2.8	2.2				4.4	2.5		7.7
28			1.5					5.5				14.9
29						10.2	3.6				10.8	17.5
30	5.3			3.9	4.3				5.6	2.6		23.4
31								5.9				17.4
NO.:	9	9	10	12	10	10	10	11	10	10	5	29
MAX:	33.5	9.5	7.6	8.1	5.3	10.2	8.6	43.4	8.3	4.2	10.8	23.4
MEAN:	15.20	3.62	3.61	4.21	3.17	5.66	4.75	12.77	5.80	3.21	4.70	7.68
ANNUAL OBSERVATIONS:		135		ANNUAL MEAN:	6.43	ANNUAL MAX:	43.4					

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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: (4405) LOGAN, UT  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 41.731111  
 LONGITUDE: -111.8375  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 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: 2015

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	16.2	8.2	5.2	1.7	6.9	4.8	6.1	5.6	6.1	7.2	2.5	22.8
2	19.6	5.6	5.8	2.2	5.0	5.2	9.5	6.0	6.3	2.9	3.7	20.5
3	27.9	2.5	3.5	4.2	3.6	4.6	10.9	5.6	6.6	3.0	2.1	29.0
4	24.2	2.3	4.8	5.4	3.9	4.4	11.7	6.1	7.7	3.6	3.5	35.0
5	23.8	5.8	4.9	4.9	3.8	7.0	7.0	4.9	4.3	5.4	5.0	20.4
6	25.7	2.6	6.5	3.8	4.7	4.8	6.4	5.7	3.5	4.9	4.0	19.3
7	24.2	2.9	6.4	4.7	.3	3.4	6.3	5.3	4.1	4.2	6.8	14.4
8	20.3	1.6	5.7	4.0	2.4	4.2	5.8	3.6	4.1	4.4	8.0	12.0
9	16.6	2.2	6.1	4.4	1.6	3.7	2.5	5.6	6.3	5.0		6.6
10	12.0	1.5	6.2	5.0	1.2	4.7	3.0	8.8	6.3	4.7	3.5	3.9
11	24.1	2.8	6.0	5.9	4.4	3.6	3.8	6.5	7.8	4.1	4.0	6.5
12	24.2	4.5	2.8	1.8	5.1	4.2	3.7	3.8	7.5	5.1	3.3	6.4
13	21.8	3.9	4.5	5.1	6.1	3.2	4.4	4.6	13.3	6.8	6.4	3.6
14	7.4	8.7	3.8	9.2	5.0	4.9	4.8	5.8	10.8	6.1	11.5	2.1
15	10.0	5.3	3.2	1.5	3.4	4.1	4.4	7.1	6.1	6.2	7.7	4.6
16	22.3		5.2	5.3	1.4	4.6	5.7	17.0	2.6	8.3	3.1	4.1
17	17.5	3.8	4.7	4.3	1.3	5.6	5.6	13.2	3.9	6.4	5.7	6.9
18	16.7	4.3	2.9	5.0	2.0	5.9		22.7	2.7	2.8	2.5	22.1
19	6.9	8.0	3.0	5.5	1.9	6.4		34.5	4.3	2.2	4.4	26.2
20	4.5	4.4	4.0	6.4	2.1	5.9		33.8	3.7	2.7	2.5	8.2
21	4.1	2.9	4.3	9.7	2.6	4.7		P 40.4	5.2	3.6	5.1	2.4
22	5.7	1.7	3.3	9.8	3.3	6.0	5.2	P 59.3	5.7	4.8	9.3	1.8
23	9.7	2.7	2.0	5.6	2.2	8.2	3.5	P 45.2	6.9	5.3	13.0	1.6
24	9.2	4.7	1.7	4.5	2.5	7.4	4.3	12.9	10.4	5.6	16.6	2.7
25	16.6	4.8	2.2	2.4	2.2	6.9	5.3	7.4	7.8	5.0	11.7	4.5
26	13.1	6.0	2.0	1.7	2.4	8.0	4.1	5.7	6.9	3.9	3.7	5.8
27	16.4	6.3	3.5	2.7	2.4	6.9	3.9	5.2	5.2	4.5	4.9	12.3
28	11.0	5.1	3.3	3.5	3.6	8.4	2.5	6.1	5.1	5.0	30.3	18.7
29	10.5		2.0	4.2	3.0	8.6	3.3	6.7	9.1	5.7	18.0	27.3
30	11.5		3.1	4.5	5.3	9.2	4.0	4.7	9.2	3.4	7.4	27.4
31	8.9		6.8		5.5		4.8	4.5		2.4		15.3
NO.:	31	27	31	30	31	30	27	31	30	31	29	31
MAX:	27.9	8.7	6.8	9.8	6.9	9.2	11.7	59.3	13.3	8.3	30.3	35.0
MEAN:	15.57	4.26	4.17	4.63	3.26	5.65	5.28	13.04	6.32	4.68	7.25	12.72
ANNUAL OBSERVATIONS:	359		ANNUAL MEAN:	7.31	ANNUAL MAX:	59.3	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: (4405) LOGAN, UT  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: 2015

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											5.0	
3									7.6			
4												
5							7.2					
6	26.1				6.0							
7												
8												
9										4.9		
10		1.5						7.7				
11						3.8						
12				1.7								
13												
14											11.4	
15									6.1			
16												
17												
18	17.3				2.3							
19			3.2									
20												8.4
21										3.9		
22								P 59.6				
23		2.0										
24				4.7								
25												
26											4.3	
27									5.8			
28												
29							3.8					
30					5.3							
31			6.8									
NO.:	2	2	2	2	3	1	2	2	3	2	3	1
MAX:	26.1	2.0	6.8	4.7	6.0	3.8	7.2	59.6	7.6	4.9	11.4	8.4
MEAN:	21.70	1.75	5.00	3.20	4.53	3.80	5.50	33.65	6.50	4.40	6.90	8.40
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		8.66	ANNUAL MAX:		59.6	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0007 POC: 1  
 COUNTY: (005) Cache  
 CITY: (69640) Smithfield  
 SITE ADDRESS: 675 West 220 North  
 SITE COMMENTS:  
 MONITOR COMMENTS:

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

CAS NUMBER:  
 LATITUDE: 41.842649  
 LONGITUDE: -111.852199  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1  
 PROBE HEIGHT:

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: 2015

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		8.1	5.1	2.1	4.9		6.8	5.4	5.3	5.8	2.0	16.7
2		6.0	4.9	2.5	5.0	3.7	12.0	6.0	4.9	2.4	2.4	22.5
3		2.8	2.8	3.8	3.5	3.8	11.6	5.1	5.0	2.7	2.1	28.9
4		1.5	4.3	6.3	3.2	3.6	10.6	5.3	6.7	2.8	2.6	
5		4.1	5.8	5.1	3.2	5.7	6.3	4.4	6.0	4.7	5.7	
6		3.6		3.6	4.2	4.4	5.5	4.9	4.0	3.9	3.1	
7		2.9	5.9	4.4	2.1	3.0	6.5	5.7	3.6	3.8	5.6	
8		1.3		3.4	2.7	4.3	5.1	3.4	3.6	3.6	5.9	
9		1.5		4.0	1.6	3.9	2.1	5.1	5.4	3.6	4.8	5.8
10		1.4		4.7	2.9	4.7	3.1	6.9	7.2	3.6	1.7	2.1
11		2.2		4.7	5.3	3.1	3.4	7.7	6.8	1.8	3.0	4.0
12		4.4		1.7	4.5	3.7	3.9	3.9	7.2	2.7	3.3	6.0
13		4.1	3.5	3.3	6.2	3.8	4.4	4.7	12.7		4.2	3.4
14			4.4	10.1	4.2	3.9	9.0	5.3	10.2		6.6	1.8
15		6.5	3.2	1.8	2.4	4.8	4.6	8.1	6.0		6.2	4.2
16			4.5	4.9	.9	4.7	6.2	17.6	2.2		2.6	4.4
17		2.5	4.5	2.6	.9	5.7	5.2	12.3	2.5		2.9	6.1
18		4.2	2.2	4.6	.9	5.8	2.8	24.1	2.1		1.9	22.6
19		5.8	2.7	6.1	1.4	5.8	2.8	34.8	4.7		3.4	17.4
20		3.1	3.2	5.4	1.1	6.2	3.4	34.5	4.8	2.6	5.7	6.4
21		2.0	3.9	7.1	1.9	5.2	3.9	P 37.9	5.1	2.4	5.1	1.7
22		1.9	3.6	9.0	2.1	5.7	4.0	P 66.7	6.5	4.7	7.6	1.4
23		2.2	1.7	5.6	2.0	6.7	3.0	P 42.8	5.5	5.3	11.9	.9
24		3.7	1.5	4.0	2.4	7.5	3.9	14.1	7.2	5.0	13.6	
25		4.2	.9	2.5	1.8	6.2	6.0	6.1	6.1	6.1	9.8	3.2
26		4.3	2.6	1.7	1.7	5.9	4.5	5.3	5.1	4.1	3.7	
27		5.4	3.1	2.1	1.9	6.1	4.8	5.0	4.4	2.1	3.0	12.1
28		5.5	2.9	3.0	2.3	8.1		5.8	4.5	3.5	6.8	
29			1.8	3.4	2.1	17.8	3.1	6.5	6.2	4.2	13.3	
30			2.9	3.8	3.7	9.2	3.9	4.4	6.8	1.8		32.7
31			7.3		4.2		4.3	4.1		2.7		16.6
NO.:	0	26	25	30	31	29	30	31	30	24	29	22
MAX:		8.1	7.3	10.1	6.2	17.8	12.0	66.7	12.7	6.1	13.6	32.7
MEAN:		3.66	3.57	4.24	2.81	5.62	5.22	13.03	5.61	3.58	5.19	10.04
ANNUAL OBSERVATIONS:		307		ANNUAL MEAN:	5.69		ANNUAL MAX:	66.7	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0007 POC: 2  
 COUNTY: (005) Cache  
 CITY: (69640) Smithfield  
 SITE ADDRESS: 675 West 220 North  
 SITE COMMENTS:  
 MONITOR COMMENTS:

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

CAS NUMBER:  
 LATITUDE: 41.842649  
 LONGITUDE: -111.852199  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1  
 PROBE HEIGHT:

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: 2015

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									5.2			
4												
5							6.2					
6					4.8							
7			.0									
8												
9										3.8		
10								7.7				
11		4.9				3.4						
12				1.3								
13												
14												
15									6.6			
16												
17							4.2					
18					1.8							
19			.0									
20												
21										2.7		
22								P 66.5				
23		1.9				6.7						
24				4.3								
25												
26												
27									5.6			
28												
29							2.8					
30					3.6							
31			7.3									
NO.:	0	2	3	2	3	2	3	2	3	2	0	0
MAX:		4.9	7.3	4.3	4.8	6.7	6.2	66.5	6.6	3.8		
MEAN:		3.40	2.43	2.80	3.40	5.05	4.40	37.10	5.80	3.25		
ANNUAL OBSERVATIONS:		22		ANNUAL MEAN:	6.88	ANNUAL MAX:	66.5	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: 2015

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			11.6					6.7				
2		2.5				5.6	8.2				4.8	
3				4.1	4.5				3.4	3.5		
4			5.0					6.2				
5		3.5				6.2	9.7				5.1	
6	4.2			5.7	4.4				6.1	3.0		
7			7.2					4.6				
8		2.4				5.6	6.0				4.3	6.6
9	18.7			5.3	4.2				6.4	4.4		
10			4.7					7.2				
11		3.1				4.3	5.7					
12	34.7			2.6	5.6				9.7	3.7		
13			4.8					5.4				
14		9.4				5.1	7.4					1.9
15				1.5	3.4				4.6	4.6		
16			4.1					15.0				
17		3.1				6.2	5.1					
18	9.1			4.2	3.0				3.6			
19			4.1					31.4				
20		3.3				6.4	4.2				2.5	
21	5.9			8.3	4.1				5.3	5.7		
22			1.1					19.4				
23		2.0				9.1	5.7					1.5
24	17.9			4.6	2.6				7.0	5.0		
25			4.4					6.7				
26		6.0				5.5	4.7				2.4	
27	20.2			4.9	3.5				5.1			
28			7.3					6.9				
29						10.0	4.2					
30	13.2			4.9	5.4				5.8	3.3		
31			7.3					5.7				
NO.:	8	9	11	10	10	10	10	11	10	8	5	3
MAX:	34.7	9.4	11.6	8.3	5.6	10.0	9.7	31.4	9.7	5.7	5.1	6.6
MEAN:	15.49	3.92	5.60	4.61	4.07	6.40	6.09	10.47	5.70	4.15	3.82	3.33
ANNUAL OBSERVATIONS:		105		ANNUAL MEAN:	6.35	ANNUAL MAX:	34.7					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-011-0004 POC: 3  
 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: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	22.6	7.0	16.3	12.8	6.6	6.9	11.9	10.9				
2	28.8	6.2	17.5	8.3	3.3	10.1	11.9	13.1				
3	33.7	5.5	6.7	6.6	3.7	7.2	14.2	9.6				
4	34.0	5.6	5.5	7.7	3.4	9.8	34.5	8.9				
5	31.3	8.7	7.2	8.7	6.1	10.5	18.3	8.5				
6	37.7	2.7	7.6	12.7	6.2	6.3	10.8	11.1				
7	43.7	5.6	9.9	9.0	5.8	4.1	8.7	11.3				
8	59.3	5.0	11.2	4.8	5.3	6.6	8.3	8.7				
9	67.5	5.9	10.0	6.7	8.7	5.9	5.1	7.1				
10	61.6	4.1	6.3	7.6	14.4	6.1	6.3	9.7				
11	70.2	8.2	7.2	7.4	5.5	6.5	6.9	9.9				21.9
12	57.2	6.9	5.7	4.9	6.5	6.3	5.3					15.0
13	9.6	9.6	9.8	7.3	10.6	7.7	6.2					6.1
14	14.7	14.7	6.9	44.3	6.5	6.7	10.1					2.8
15	22.7	13.6	5.5	8.8	4.3	7.0	5.9					7.5
16	31.3	5.5	5.7	12.2	3.7	9.3	7.0					5.7
17	27.1	4.9	6.7	3.8	3.9	7.2	8.8					7.1
18	14.6	5.6	8.3	8.6	5.5	8.5	7.7					9.6
19	25.3	7.6	7.8	9.7	10.5	7.8	7.6					13.2
20	6.0	10.6	5.7	11.3	4.6	9.3	9.0					11.8
21	9.4	6.2	8.6	11.8	6.6	11.0	8.4					6.1
22	11.1	2.5	8.0	13.7	5.4	12.3	8.0					5.7
23	16.0	3.8	18.6	7.3	4.9	16.2	6.8					4.6
24	22.3	7.9	3.7	8.6	5.4	14.3	13.6					5.5
25	25.6	6.0	2.2	4.7	4.2	16.1	14.3					7.8
26	28.2	7.9	3.4	5.4	5.2	10.6	9.2					10.3
27	38.2	7.3	5.3	5.9	4.3	11.3	7.9					12.5
28	14.8	7.7	6.4	5.3	4.5	14.0	6.7					17.2
29	17.4		5.8	5.1	4.8	12.7	7.3					16.5
30	19.9		14.6	5.9	7.5	17.8	8.9					15.6
31	9.3		22.6		8.0		9.9					25.3
NO.:	31	28	31	30	31	30	31	11	0	0	0	21
MAX:	70.2	14.7	22.6	44.3	14.4	17.8	34.5	13.1				25.3
MEAN:	29.39	6.89	8.60	9.23	6.00	9.54	9.85	9.89				10.85
ANNUAL OBSERVATIONS:	244		ANNUAL MEAN:	11.32	ANNUAL MAX:	70.2						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-011-0004 POC: 3  
 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: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12.0	5.1	8.9	4.1	3.8	3.9	7.4	8.1				
2	18.8	2.8	9.9	3.4	2.5	6.4	8.2	9.1				
3	28.2	3.0	3.8	3.9	2.7	5.3	9.9	7.4				
4	24.6	2.9	3.6	4.6	2.0	6.2	11.8	6.5				
5	20.3	3.2	5.3	5.8	3.8	6.2	12.3	5.7				
6	22.2	1.6	4.6	7.6	4.4	3.8	7.4	7.6				
7	29.2	2.7	6.3	4.2	2.9	2.8	6.4	7.6				
8	34.3	3.4	6.3	3.1	2.8	4.4	6.6	5.4				
9	P 37.6	3.2	6.0	3.4	5.0	4.6		5.6				
10	P 41.4	2.4	4.5	3.5	5.5	4.7	4.4	7.8				
11	P 45.1	4.1	4.6	3.4	4.2	4.8	4.4					
12	14.1	4.8	4.1	2.5	4.7	4.2	3.9					6.2
13	5.3	5.5	4.7	3.7	6.8	4.8	4.3					2.5
14	8.9	8.3	3.5	13.2	5.1	4.2	6.8					1.4
15	15.2	6.7	3.7	5.2	3.2	5.0	4.8					3.8
16	27.0	2.7	3.9	5.1	2.6	6.2	5.1					3.4
17	14.2	3.0	4.8	2.6	2.7	5.8	6.3					3.3
18	6.7	4.3	4.6	4.5	4.0	6.3	5.0					6.8
19	15.7	5.1	4.0	7.7	3.5	5.3	5.3					5.7
20	3.5	4.1	3.9	8.6	2.6	6.9	5.6					7.2
21	5.1	3.6	4.4	8.4	4.4	7.7	6.0					1.3
22	5.6	1.9	4.7	9.3	4.0	8.0	5.5					1.6
23	10.1	2.4	4.3	5.9	3.2	10.5	5.3					1.0
24	14.8	4.7	2.8	6.0	3.0	10.3	6.7					1.7
25	19.0	3.5	1.8	3.2	2.7	10.9	9.3					2.8
26	21.4	5.8	2.2	3.0	3.2	7.2	5.9					5.6
27	17.9	4.7	2.7	3.3	2.7	7.7	4.9					8.3
28	5.8	4.7	4.3	3.2	2.7	9.8	4.8					12.5
29	9.2		3.5	3.3	2.9	9.9	5.3					11.0
30	11.8		3.6	3.9	5.1	10.3	6.3					11.9
31	5.2		5.8		5.1		6.8					13.6
NO.:	31	28	31	30	31	30	30	10	0	0	0	20
MAX:	45.1	8.3	9.9	13.2	6.8	10.9	12.3	9.1				13.6
MEAN:	17.75	3.94	4.55	4.99	3.67	6.47	6.42	7.08				5.58
ANNUAL OBSERVATIONS:	241		ANNUAL MEAN:		6.78	ANNUAL MAX:		45.1	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-0002 POC: 3  
 COUNTY: (013) Duchesne  
 CITY: (64670) Roosevelt  
 SITE ADDRESS: 290 S. 1000 W.  
 SITE COMMENTS:  
 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: 40.2941780318  
 LONGITUDE: -110.00973229  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1596  
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP  
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 24-HR BLK AVG  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	10.1	4.2	3.4	5.9	4.3	3.3	9.7	5.2	4.2	4.0	4.1	10.6
2	14.5	3.5		3.2	4.2	4.4	7.1	5.8	3.9	4.0	4.1	14.6
3	18.0	3.0		3.0	3.5	4.7		5.3	4.0	3.9	4.1	18.4
4	15.0	2.7	3.2	4.0	3.0			3.9	3.9	4.1	3.9	21.1
5	19.0	3.2	5.3	4.0	3.7	3.8	7.3	4.1	4.4	4.4	4.1	18.5
6	19.2	3.6	6.2	4.6	3.5	3.9	5.4	4.3	5.1	4.2	4.2	16.2
7	21.2	3.4	5.3	5.9	3.0	3.6	4.2	4.1	6.6	3.9	4.2	22.4
8	P 46.7	3.0	4.7	4.4	4.0	3.7	4.5	4.7	7.1	4.1	4.3	18.4
9	28.9	3.3	4.9	3.2	3.3	4.4	4.1	4.0	5.4		4.3	18.5
10	24.6	2.8	4.8	3.8		4.5	3.3	5.5	4.5	4.3	4.1	22.1
11	20.1	2.9	5.2	4.7	3.4	4.6	3.6	5.8	4.5	4.2	4.2	9.3
12	12.9	3.2	4.5	3.5	3.9	4.0	3.7		4.9	3.9	5.1	4.6
13	6.3	3.5	3.1	3.1	4.1	4.9	3.4		9.2	4.0	6.2	6.6
14	5.8	4.6	3.3	12.3	4.5	3.7	3.6	6.3	8.0	4.0	6.4	10.6
15	6.6	3.4	3.6	6.5	2.8	3.6	3.9	4.7	4.2	4.0	6.1	
16	8.8	3.7	3.7	2.8		4.1	3.5	4.7	4.1	4.3	4.4	
17	10.0	3.1	4.0		2.7	5.0	4.5	8.1	3.8	4.8	4.2	7.1
18	29.8	3.4	3.7		2.7	5.2	4.8	12.5	4.0	4.5	4.2	5.5
19	18.2	3.6	3.3		2.8	5.2	4.3	13.4	3.9	3.9	4.0	10.2
20	8.8	3.9	2.8		3.0	4.8	4.0	17.9	4.1	4.5	4.1	18.3
21	6.5	3.5			2.9	5.4	3.8	17.1	4.0	4.1	4.3	12.7
22	4.2	2.9	3.5		2.8	8.1	3.9	12.9	4.0	4.1	4.7	7.0
23	6.9		4.7	6.3	3.4	5.9	3.7	16.7	4.5	4.1	5.0	4.4
24	7.3	4.3	2.7	4.0	3.4	6.9	3.7	10.7	4.8		5.6	4.6
25	8.2	3.9	2.7	2.9	2.7	6.9	4.0	7.3	5.0	5.2	4.8	6.9
26		2.8	3.1	2.9	2.8	7.6	3.8	5.7	4.9	4.4	4.1	4.8
27	14.4	3.1	3.2	3.0	3.2	5.9	4.5	5.5	5.0	3.9	4.2	5.1
28	13.6	4.1	3.1	3.3	3.4	8.2	4.7	4.9	4.4	4.2	4.8	7.9
29	7.2		3.3	3.6	3.1	7.0	3.9	5.0	4.7	4.5	5.6	13.4
30	6.2		3.8	3.0	3.5	7.1	3.8	4.8	4.0	4.3	7.4	17.3
31	3.4		4.4		4.4		4.2	3.9		4.0		11.2
NO.:	30	27	28	24	30	29	29	29	30	29	30	29
MAX:	46.7	4.6	6.2	12.3	4.5	8.2	9.7	17.9	9.2	5.2	7.4	22.4
MEAN:	14.08	3.43	3.91	4.33	3.36	5.19	4.44	7.41	4.84	4.20	4.69	12.01
ANNUAL OBSERVATIONS:	344		ANNUAL MEAN:	6.04	ANNUAL MAX:	46.7	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-0002 POC: 3  
 COUNTY: (013) Duchesne  
 CITY: (64670) Roosevelt  
 SITE ADDRESS: 290 S. 1000 W.  
 SITE COMMENTS:  
 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: 40.2941780318  
 LONGITUDE: -110.00973229  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1596  
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SPM

REPORT FOR: 2015

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP

UNITS: Micrograms/cubic meter (LC)

PQAO: (1113) Utah Department Of Environmental Quality

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	15.0	5.8	4.6	9.5	6.0	3.9	12.6	6.7	5.3	4.2	4.2	14.7
2	18.7	4.1	4.2	4.3	6.0	5.7	9.0	7.5	4.4	4.5	4.3	20.0
3	22.8	3.7	3.2	3.7	4.8	6.0	9.1	7.8	4.7	4.1	4.3	24.2
4	19.5	2.8	4.5	5.6	4.4	5.8	9.8	4.8	4.4	5.0	4.1	27.4
5	25.4	5.2	7.1	4.7	5.1	5.4	13.8	5.6	5.7	5.2	4.4	22.5
6	22.7	5.3	9.7	5.5	5.1	5.7	8.2	5.6	6.7	4.7	4.6	25.4
7	30.2	4.5	7.2	8.5	3.8	5.3	5.2	4.9	12.3	4.1	4.9	30.6
8	97.7	3.8	6.8	6.8	5.2	5.1	6.3	7.0	10.1	4.4	4.7	27.2
9	32.4	4.6	6.3	4.1	4.3	5.5	5.8	5.3	7.8	4.2	4.9	27.2
10	37.8	3.2	7.1	5.0	2.8	6.8	5.6	6.6	5.5	5.3	4.7	27.7
11	30.1	3.7	6.3	6.2	4.3	6.5	4.6	8.2	5.6	4.9	5.2	17.2
12	19.3	4.2	6.0	5.2	5.1	5.5	4.6	5.3	6.7	4.2	8.0	5.7
13	11.7	4.6	4.2	3.8	4.9	6.9	3.8	11.7	11.5	4.2	13.3	8.5
14	10.8	6.0	4.3	55.9	6.7	4.7	4.4	10.7	12.2	4.3	10.1	12.6
15	11.4	5.2	4.7	14.6	3.4	5.1	5.2	6.1	5.4	4.6	7.5	16.4
16	13.1	5.4	4.7	3.2	3.4	6.2	4.1	7.5	4.7	5.0	5.1	8.0
17	14.5	4.0	5.0	4.1	2.7	7.0	6.6	11.0	3.9	5.3	4.8	8.8
18	44.0	4.1	5.1		2.9	6.8	6.7	18.2	4.9	5.6	5.1	8.7
19	29.1	4.5	4.4		3.1	6.4	6.4	19.0	4.0	4.1	4.6	18.3
20	10.9	7.5	3.3		3.9	6.4	5.3	21.2	4.6	5.4	4.4	23.4
21	8.8	5.0	5.0		3.3	8.3	4.7	21.3	4.5	4.4	5.4	21.9
22	9.0	3.8	4.3	6.2	3.4	13.6	5.3	18.0	4.4	4.4	6.7	9.7
23	11.6	4.8	9.4	9.6	4.6	7.3	4.9	23.9	5.6	4.4	7.1	5.5
24	9.3	6.6	3.0	4.9	4.6	8.6	4.6	14.0	6.0	4.6	7.7	5.9
25	10.2	6.8	3.3	3.5	3.0	9.2	5.2	9.7	6.0	6.6	6.3	8.5
26	16.9	3.3	4.1	3.8	3.6	11.1	4.9	7.5	6.1	5.1	4.3	5.9
27	17.7	4.1	4.1	4.1	4.3	9.0	7.1	8.0	6.9	4.1	4.6	9.0
28	18.6	6.6	3.9	4.7	4.6	12.7	6.8	6.3	5.2	5.0	5.6	9.9
29	10.9		4.4	4.9	4.3	10.2	5.0	5.9	6.3	5.9	8.9	19.3
30	9.7		4.6	3.8	4.5	8.9	4.8	6.3	4.4	5.7	9.0	22.0
31	4.5		5.8		6.9		5.3	4.4		4.3		14.6
NO.:	31	28	31	26	31	30	31	31	30	31	30	31
MAX:	97.7	7.5	9.7	55.9	6.9	13.6	13.8	23.9	12.3	6.6	13.3	30.6
MEAN:	20.78	4.76	5.18	7.55	4.35	7.19	6.31	9.87	6.19	4.77	5.96	16.35
ANNUAL OBSERVATIONS:	361		ANNUAL MEAN:	8.33	ANNUAL MAX:	97.7						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1317  
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SPM

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

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			8.0					9.0				
2		3.2				3.8	8.4				7.0	13.6
3	17.4			3.6	4.3				3.7	5.4		
4			4.2					6.8				
5		2.2				4.2	8.6					12.9
6				3.9	3.7				4.3	3.2		
7			7.6					4.7				
8		2.3				7.3	6.2				7.7	8.3
9	P 59.6			3.2	2.9				6.5	5.4		
10			3.8					8.0				
11		2.6				4.2	3.5					5.9
12	18.8				6.2				9.0	4.7		
13			3.3					4.5				
14		8.5				4.6	5.8					1.8
15	3.1			1.6	2.7				6.8	4.3		
16			3.4					17.3				
17		3.8				6.2	5.7				3.4	2.6
18				4.1	2.7				2.0	2.6		
19			2.2					29.5				
20		2.9				5.6	14.6				3.5	9.4
21	3.4			8.2	3.5				5.7	4.0		
22			4.1					17.3				
23		2.6				8.0	10.8				20.7	1.7
24	15.8			5.4	3.4				7.2	6.3		
25			.8					9.6				
26		4.3				4.7	7.5				2.3	3.2
27	22.9			2.1	2.6				4.1	3.3		
28			3.0					8.4				
29						9.2	9.2				11.1	22.7
30	11.8			3.9	5.0				5.7	3.2		
31			5.3					4.0				
NO.:	8	9	11	9	10	10	10	11	10	10	7	10
MAX:	59.6	8.5	8.0	8.2	6.2	9.2	14.6	29.5	9.0	6.3	20.7	22.7
MEAN:	19.10	3.60	4.15	4.00	3.70	5.78	8.03	10.83	5.50	4.24	7.96	8.21
ANNUAL OBSERVATIONS:		115		ANNUAL MEAN:	6.92	ANNUAL MAX:	59.6					

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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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:  
 UTM NORTHING:  
 UTM EASTING:  
 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: 2015

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		7.2	9.0	3.0	6.0	4.9	6.4	6.8		6.0	2.3	10.3
2	26.4	3.8	6.5	2.1	4.0	5.0	6.9	5.9		4.5	3.4	13.7
3	31.3	2.8	4.4	3.7	4.3	5.8	9.2	4.7	4.9	3.4	1.7	22.3
4	25.3	2.5	5.4	5.1	3.5	6.0	18.8	6.4	4.5	5.9	2.8	29.1
5	23.7	3.7	6.2	7.2	3.4	5.7	9.2	7.6	4.5	3.9	5.6	9.3
6	29.3	1.7	6.9	6.2	4.0	5.0	7.2	7.3	5.5	3.8	6.1	9.2
7	33.2	1.9	8.9	8.7	3.1	3.0	7.0	5.2	4.3	4.1	9.0	12.6
8	P 48.6	2.2	6.4	3.1	3.1	4.6	4.4	2.8	4.5	5.0	6.4	7.0
9	P 43.5		5.6	5.2	2.7	5.8	2.2	5.5	5.6	4.5	2.8	7.1
10	P 47.3	1.7	6.1	5.4	3.3	4.4	3.0	6.8	7.1	3.9	3.5	4.1
11	P 52.6	3.8	4.9	6.6	5.8	3.7	4.5	7.0	7.8	3.4	4.2	4.2
12	19.6	6.0	3.2	2.2	5.3	4.0	2.9	2.9	7.0	4.2	4.8	5.3
13	5.3	8.6	4.5	3.9	9.5	4.0	3.7	5.7	11.7	4.8	7.6	
14	12.4	10.9	3.7	27.1	5.0	4.7	5.5	4.8	5.3	4.6	9.8	.1
15	18.6	7.2	3.2	2.9	2.6	4.6	4.3	6.8	4.6	4.7	2.9	.3
16	29.3	4.7	4.4	5.2	1.9	5.3	5.5	13.3	2.2	5.2	4.4	.0
17	17.2	3.5	4.2	3.0	2.9	6.4	6.3	11.6	4.2	4.8	4.9	.1
18	9.2	5.2	4.1	4.4	4.4	5.9	5.6	17.6	2.7	1.8	4.2	7.6
19	15.0	5.8	3.6	6.6	1.4	4.7	5.4	28.4	4.2	2.2	5.6	5.4
20	7.5	3.1	4.8	8.8	3.9	6.3	5.7	30.6	4.5	3.6	3.6	12.1
21	8.1	2.9	4.5	9.4	4.2	6.1	5.0	23.8	5.9	2.9	7.5	3.6
22	8.7	1.2	5.0	8.5	6.9	5.7	4.5	17.5	6.2	5.1	11.1	5.1
23	14.3	1.7	5.6	5.5	3.8	8.4	5.5	13.7	5.9	4.3	17.1	2.5
24	18.2	4.9	2.2	5.2	2.9	8.3	18.3	10.4	6.9	5.0	14.1	2.7
25	20.8	3.9	1.0	2.4	2.5	7.7	6.4	7.2	5.8	5.2	3.0	3.9
26	26.8	6.7	3.4	2.2	2.6	5.8	4.6	4.8	5.1	3.6	2.6	7.2
27	17.0	5.0	3.5	3.4	3.1	7.1	6.3	4.7	4.2	3.4	2.0	14.1
28	7.2	3.6	4.8	3.8	2.8	7.4	3.5	6.0	7.4	5.5	6.6	24.4
29	12.2		3.0	4.7	2.8	7.5	4.2	6.3	6.1	5.4	13.0	25.3
30	15.2		4.6	4.3	4.7	12.9	5.0	5.2	4.7	2.9	10.3	28.7
31	6.2		7.4		5.0		5.5	6.1		4.3		24.0
NO.:	30	27	31	30	31	30	31	30	28	31	30	29
MAX:	52.6	10.9	9.0	27.1	9.5	12.9	18.8	30.6	11.7	6.0	17.1	29.1
MEAN:	21.67	4.30	4.87	5.66	3.92	5.89	6.21	9.68	5.48	4.25	6.10	10.24
ANNUAL OBSERVATIONS:	358		ANNUAL MEAN:	7.36	ANNUAL MAX:	52.6	4 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5					
							4 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3006 POC: 4  
 COUNTY: (035) Salt Lake  
 CITY: (67000) Salt Lake City  
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY  
 SITE COMMENTS:  
 MONITOR COMMENTS: FDMS CONTINUOUS MONITOR

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:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1306  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	31.7	7.3	10.4	14.8	7.9	7.0	16.3	10.0	7.4	10.6	9.7	18.6
2	30.7	9.0	9.7	4.1	6.5	8.2	10.8	8.3	10.0	5.2	8.7	28.8
3	33.7	5.6	5.8	7.1	7.0	24.1	11.5	8.0	10.4	5.6	4.0	40.2
4	51.2	4.3	6.0	7.9	11.8	25.2	57.5	8.2	9.7	5.2	4.9	43.1
5	32.9	6.0	8.0	15.0	6.3	10.1	26.4	11.6	54.6	11.6	8.6	10.5
6	36.6	3.5	10.8	10.3	6.8	7.1	8.8	13.0	17.4	7.5	19.3	22.1
7	51.6	3.1	12.1	14.8	5.3	5.6	9.3	24.6	9.7	8.2	20.9	25.9
8	63.5	4.3	11.2	9.4	5.5	7.1	7.0	22.3	8.8	10.8	15.8	9.6
9	65.2	4.4	8.4	8.9	5.1	6.3	4.7	6.8	13.0	7.6	4.9	15.6
10	63.1	5.0	8.0	6.4	8.3	5.2	4.2	7.5	13.7	9.7	10.4	10.0
11	73.2	8.7	7.4	15.0	6.5	5.5	3.5	8.2	10.9	7.8	6.4	10.6
12	46.8	9.3	7.0	9.1	9.5	5.9	4.6	8.0	14.7	8.8	9.4	15.3
13	10.5	15.0	11.2	5.9	16.7	6.4	5.0	7.7	20.3	10.0	15.1	7.6
14	15.4	20.3	8.6	279.8	8.8	5.9	9.7	10.5	5.9	9.2	27.6	7.0
15	23.5	16.4	5.4	7.4	5.2	6.4	6.0	8.9	13.9	8.2	11.5	17.5
16	29.6	7.5	6.3	14.3	4.2	7.6	6.4	20.9	6.1	13.4	14.6	9.1
17	29.7	5.7	6.8	4.3	4.9	9.5	6.7	45.2	7.3	9.6	6.6	11.1
18	14.7	7.9	9.5	9.0	5.8	8.5	8.5	23.2	7.5	3.7	8.3	24.6
19	22.0	8.6	7.6	8.9	4.1	8.0	8.7	32.7	7.4	5.1	7.4	14.7
20	9.6	7.8	7.5	17.4	4.1	9.3	8.7	36.2	7.6	7.9	12.2	20.8
21	9.8	5.1	7.8	14.0	7.1	8.6	9.2	32.3	10.0	5.9	20.5	10.0
22	11.9	2.5	7.8	14.5	5.0	8.6	6.7	29.3	11.6	12.9	24.7	8.5
23	16.9	3.5	20.8	9.5	7.9	10.9	7.0	17.0	8.1	8.6	39.6	15.2
24	22.5	6.9	4.9	8.8	7.8	11.7	46.5	16.0	9.2	10.0	26.2	6.6
25	24.8	7.1	3.3	5.1	4.3	12.7	21.9	9.7	10.7	15.4	4.9	8.6
26	33.0	7.6	4.0	6.4	3.8	8.9	8.3	7.1	8.7	5.5	7.0	16.7
27	31.1	6.0	5.5	6.1	6.1	9.3	17.7	6.0	7.4	7.8	3.2	20.3
28	11.4	10.4	9.4	6.1	4.5	11.0	7.6	7.8	9.1	11.9	11.3	31.0
29	14.5		8.4	7.5	5.0	16.3	9.1	10.1	8.4	11.6	17.6	37.7
30	16.9		6.7	6.9	6.2	22.1	7.3	9.7	6.0	6.7	18.5	41.6
31	9.9		16.2		8.6		7.5	9.5		9.8		29.7
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	73.2	20.3	20.8	279.8	16.7	25.2	57.5	45.2	54.6	15.4	39.6	43.1
MEAN:	30.25	7.46	8.47	18.49	6.66	9.97	12.04	15.36	11.52	8.77	13.33	18.99
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		13.49	ANNUAL MAX:		279.8				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3006 POC: 4  
 COUNTY: (035) Salt Lake  
 CITY: (67000) Salt Lake City  
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY  
 SITE COMMENTS:  
 MONITOR COMMENTS: FDMS CONTINUOUS MONITOR

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:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1306  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.8	5.5	6.8	4.8	5.6	3.8	10.5	6.7	4.9	5.3	3.0	8.5
2	22.4	4.4	6.3		4.8	6.0	8.2	5.8	4.8	3.0	3.5	12.5
3	29.2	3.7	3.3	3.7	4.6	8.8	10.0	4.7	4.1	3.0	2.6	21.1
4	26.1	2.7	4.6	5.2	4.9	11.6	13.6	6.1	5.4	3.1	3.4	27.0
5	21.5	3.9	5.7	6.2	3.7	7.0	14.8	7.4	10.3	5.2	5.9	6.4
6	26.2	2.2	5.8	7.5	4.8	4.7	6.6	7.7	6.5	3.7	6.4	8.5
7	28.8	2.4	8.4	7.5	3.2	4.0	6.9	10.3	5.2	4.8	8.9	12.0
8	P 43.1	3.0	7.5	6.2	4.2	5.1	5.0	5.8	4.8	5.6	7.1	6.5
9	P 37.9	2.8	6.0	4.6	3.7	4.5	3.3	5.2	6.6	4.2	3.0	7.0
10	P 44.1	2.5	5.9	4.9	3.7	3.9	2.6	5.7	7.4	4.3	3.9	3.4
11	P 51.1	3.8	5.7	5.6	5.3	3.6	2.4	6.3	7.2	3.5	3.6	3.6
12	18.2	5.7	4.6	4.2	6.7	4.1	2.9	5.0	7.9	5.1	5.8	5.1
13	4.6	7.5	5.1	4.1	9.3	4.5	3.9	4.4	13.6	5.1	7.1	4.1
14	10.5	10.6	4.6	31.6	6.1	4.6	6.4	6.2	3.6	4.6	10.6	2.4
15	15.0	8.4	3.3	4.1	3.7	4.5	4.5	6.4	5.0	4.8	3.2	5.2
16	25.7	4.9	4.8	5.8	2.9	5.8	4.8	12.5	3.0	5.5	4.7	4.4
17	14.7	3.6	4.3	3.0	3.1	7.4	5.5	21.7	4.6	5.1	4.0	4.8
18	8.0	5.3	5.1	4.5	4.2	6.8	3.8	18.4	3.5	2.3	4.7	10.7
19	13.2	6.5	4.1	6.2	2.8	6.3	5.7	28.6	3.7	2.6	4.8	4.6
20	5.6	4.1	4.7	10.4	2.9	6.7	4.7	31.2	4.1	4.3	3.8	12.8
21	6.3	3.5	5.1	11.1	4.2	7.3	7.2	25.8	5.5	4.0	6.4	3.6
22	6.5	1.9	5.4	9.7	3.9	6.7	5.2	18.0	6.1	6.3	9.7	4.0
23	12.9	2.3	6.4	7.0	4.1	9.4	4.7	14.1	5.1	4.9	19.1	4.0
24	16.1	4.1	3.4	6.1	4.1	9.4	9.8	10.9	6.8	4.6	13.0	3.6
25	19.6	4.6	2.2	3.4	2.7	10.3	12.7	7.3	6.5	5.5	3.2	4.6
26	23.6	5.0	2.7	2.9	2.8	6.2	5.1	4.4	5.0	4.0	2.8	6.9
27	17.7	4.5	3.9	3.7	3.5	6.1	8.6	3.7	4.1	4.1	2.0	12.5
28	6.9	3.5	4.5	4.1	3.0	8.1	4.7	5.5	5.7	5.2	6.6	21.4
29	10.2		4.1	5.0	3.2	12.5	5.9	5.9	5.9	7.5	11.4	23.5
30	13.2		4.9	5.1	4.6	12.2	4.9	5.2	3.2	3.8	9.1	26.0
31	5.9		6.4		5.7		5.4	6.0		4.3		
NO.:	31	28	31	29	31	30	31	31	30	31	30	30
MAX:	51.1	10.6	8.4	31.6	9.3	12.5	14.8	31.2	13.6	7.5	19.1	27.0
MEAN:	19.44	4.39	5.02	6.49	4.26	6.73	6.46	10.09	5.67	4.49	6.11	9.36
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	7.41	ANNUAL MAX:	51.1	4 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5					
							4 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: 2015

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	30.4	8.7	11.9	2.7	6.2	5.7	10.4	8.3		6.1	1.9	12.5
2	29.2	4.2	11.1	2.5	5.0	6.6	13.1	6.4	5.1	3.0	5.1	14.9
3	23.7	2.7	4.0	4.3	5.4	8.8	18.6	4.8	4.9	3.5	2.5	24.7
4	18.5	2.6	5.9	5.3	3.3	9.1	22.9	6.6	4.8	4.0	2.9	30.2
5	21.6	3.0	7.4	6.5	4.0		10.8	4.8	10.9	4.9	5.3	18.7
6	34.1	2.3	8.0	6.6	4.1	6.8	8.1	6.3	4.7	3.8	7.6	11.1
7	P 42.7	2.9	11.4	11.9	4.5	4.6	7.6	4.7	8.3	5.2	10.2	13.1
8	P 50.6	2.7	9.0	3.8	3.8	5.8	9.8	4.2	7.0	6.0	7.4	9.1
9	P 56.4	2.9	7.1	6.8	3.1	6.3	4.2	6.8	7.2	6.9	2.2	4.7
10	P 52.6	2.0	5.8	6.9	4.8	4.9	4.4	7.1	9.0	4.5	2.6	4.1
11	P 53.4	4.7	4.5	7.5	5.9	4.1	4.6	6.9	10.2	3.8	3.7	6.1
12	17.9	8.3	3.5	2.7	6.0	4.8	3.7	3.8	9.8	5.6	6.2	7.5
13	4.0		6.4	7.9	8.4	6.2	4.7	6.0	13.1	5.5	8.8	5.0
14	11.7	14.5	4.1	20.6	6.2	6.0	6.4	5.2	8.2	6.5	14.3	1.8
15	19.5	11.9	3.6	3.6	2.4	5.7	6.5	6.6	5.0	5.6	3.1	5.8
16	30.5	3.0	4.0	5.2	1.5	8.0	7.9	16.8		10.3	4.7	5.9
17	22.9	4.2	5.1	4.2	3.5	9.2	7.0	13.0		7.4	3.8	5.4
18	8.7	7.5	2.9	7.5	3.8	7.2	4.8	20.3		3.6	4.9	9.6
19	17.0	.0	2.9	8.4	2.0	5.3	6.1	29.4	2.7	2.4	5.9	4.9
20	5.2	3.9	4.3	10.7	3.0	19.0	6.2	33.4	4.0	3.6	4.3	12.2
21	8.6	4.8	5.7	11.4	4.2	7.7	6.5	27.4	4.3	4.3	9.6	3.8
22	10.2	1.0	4.7	9.8	4.3		8.1	25.6	5.4	6.9	15.2	3.2
23	15.8	4.7	5.0	7.0	3.7	10.4	6.6	17.2	6.6	5.8	21.1	2.2
24	20.8	6.1	2.0	5.7	3.7	11.2	16.0	10.3	8.5	5.3	16.4	2.8
25	23.1	4.6	1.2	2.7	2.8	11.2	11.1	7.2	7.6	5.6	2.7	3.3
26	31.2	5.4	3.1	3.6	3.0	10.2	5.4	7.3	5.5	4.1	2.8	8.6
27	22.8	7.0	3.7	2.8	3.8	13.0	10.8	5.4	4.7	4.6	3.7	15.7
28	11.1	7.3	4.4	4.2	2.9	14.8		7.0	7.6	5.7	7.8	25.5
29	12.8		2.9	5.6	4.2	14.2	4.9	5.9	8.6	4.9	11.7	24.3
30	13.0		5.0	3.8	6.5	18.7	6.6	5.5	5.6	3.0	11.1	34.6
31	6.1		8.2		5.5		8.1	5.5		2.9		27.7
NO.:	31	27	31	30	31	29	30	31	26	31	30	31
MAX:	56.4	14.5	11.9	20.6	8.4	19.0	22.9	33.4	13.1	10.3	21.1	34.6
MEAN:	23.42	4.92	5.45	6.41	4.24	8.74	8.30	10.51	6.90	5.01	6.98	11.58

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

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

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: 2015

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											4.8	
3									4.8			
4												
5							9.6					
6	34.2											
7			12.1									
8												
9					4.1					10.3		
10		1.5										
11						4.1						
12		8.3		3.6								
13												
14												
15									6.3			
16								3.2				
17							5.5					
18												
19			4.1									
20												
21					4.4					4.4		
22												
23						9.7						
24	20.7			5.3								
25												
26												
27								5.7	5.9			
28												
29												
30								5.7				
31			7.5									
NO.:	2	2	3	2	2	2	2	3	3	2	1	0
MAX:	34.2	8.3	12.1	5.3	4.4	9.7	9.6	5.7	6.3	10.3	4.8	
MEAN:	27.45	4.90	7.90	4.45	4.25	6.90	7.55	4.87	5.67	7.35	4.80	
ANNUAL OBSERVATIONS:		24		ANNUAL MEAN:	7.74		ANNUAL MAX:	34.2				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-047-1004 POC: 4  
 COUNTY: (047) Uintah  
 CITY: (80090) Vernal  
 SITE ADDRESS: 628 North 1700 West  
 SITE COMMENTS:  
 MONITOR COMMENTS:

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

CAS NUMBER:  
 LATITUDE: 40.4647097224  
 LONGITUDE: -109.56147150  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1  
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: Multiple Monitor Types  
 COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP  
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

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

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											4.6	17.5	
2										3.7	4.0	27.7	
3										3.4	10.3	25.7	
4										4.1	6.0	30.1	
5										5.1	6.0	18.1	
6										2.8	6.2	19.0	
7										2.9	6.7	24.2	
8										4.1	4.9	27.5	
9										3.8	5.2	17.4	
10										3.8	4.9	17.6	
11										3.6	10.8	14.0	
12										2.6	7.7	8.8	
13										3.4	11.7	10.4	
14										3.4	16.3	25.1	
15										6.4	12.1	26.7	
16										5.2	6.1	8.7	
17										5.1	5.5	7.3	
18										7.1	5.2	8.8	
19										4.8	6.8	24.8	
20										3.8	5.3	16.8	
21										4.3	7.1	31.4	
22										4.6	9.0	5.6	
23										5.4	9.2	3.0	
24										4.6	11.0	8.3	
25										5.5	6.0	10.8	
26										5.7	4.9	8.8	
27										4.6	3.1	9.4	
28										4.8	10.2	18.1	
29										5.0	13.3	29.0	
30										5.6	13.0	31.7	
31										4.0		17.5	
NO.:	0	0	0	0	0	0	0	0	0	0	30	30	31
MAX:											7.1	16.3	31.7
MEAN:											4.44	7.77	17.74
ANNUAL OBSERVATIONS:	91		ANNUAL MEAN:	10.07		ANNUAL MAX:	31.7						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-047-1004 POC: 4  
 COUNTY: (047) Uintah  
 CITY: (80090) Vernal  
 SITE ADDRESS: 628 North 1700 West  
 SITE COMMENTS:  
 MONITOR COMMENTS:

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

CAS NUMBER:  
 LATITUDE: 40.4647097224  
 LONGITUDE: -109.56147150  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1  
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: Multiple Monitor Types  
 COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP  
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 24-HR BLK AVG  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											2.9	8.7	
2										2.8	2.6	17.2	
3										2.5	5.0	18.1	
4										3.0	3.4	18.9	
5										3.9	3.2	11.3	
6										2.1	4.0	9.5	
7										2.3	3.5	13.1	
8										3.2	3.3	13.7	
9										2.6	3.4	10.3	
10										2.6	3.1	10.9	
11										2.3	3.6	6.9	
12										1.9	4.1	3.7	
13										2.7	5.8	5.4	
14										2.7	8.0	15.3	
15										3.2	7.2	7.9	
16										3.9	3.8	5.2	
17										4.3	3.4	5.5	
18										4.9	3.6	5.6	
19										2.6	3.1	10.5	
20										2.8	2.4	12.3	
21										2.9	3.8	12.6	
22										3.6	5.0	1.9	
23										3.9	5.3	1.9	
24										3.6	5.8	3.7	
25										4.3	2.8	7.2	
26										3.5	2.8	3.0	
27										2.7	2.2	4.7	
28										3.6	5.0	9.4	
29										3.2	7.2	17.6	
30										3.2	7.0	21.1	
31										2.8		9.6	
NO.:	0	0	0	0	0	0	0	0	0	0	30	30	31
MAX:											4.9	8.0	21.1
MEAN:											3.12	4.21	9.76
ANNUAL OBSERVATIONS:	91		ANNUAL MEAN:		5.74		ANNUAL MAX:		21.1				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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:  
 UTM NORTHING:  
 UTM EASTING:  
 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: 2015

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	15.4	7.2	9.5	6.9	6.7	5.5	14.1		5.9	5.5	2.0	7.6
2	17.3	5.5	6.9	2.5	4.9		10.8		5.4	5.4	6.9	11.0
3	25.8	2.7	2.5	3.5	4.0		14.6		3.7	3.9	3.5	13.8
4	20.6	2.7	6.9	4.8	6.1		22.6		4.9	3.6	3.3	12.9
5	26.7	4.7	6.7	10.4	6.2		9.2	8.5	6.9	3.3	5.2	9.5
6	24.5	3.7	7.4	9.3	2.6		7.2	6.7	7.2	3.0	7.6	4.1
7	3.9	2.8	7.0	12.7	4.3		6.1	4.6	6.5	5.4	3.3	8.7
8	9.5	3.9	5.8	2.4	4.7		4.6	3.8		5.8		8.9
9	25.0	3.8	6.2	3.8	.8		2.3	5.0		6.4	3.7	10.3
10	P 38.6		6.0	5.7	2.7		2.4	5.4		4.9		5.6
11	26.6	4.4	4.8	6.4	5.2		3.7	5.7		3.4	3.6	4.2
12	12.0	4.9	3.5	3.3	4.9		2.7	4.3		5.4	6.7	7.2
13	7.0	6.9	4.1	4.0	4.9		3.8	4.7		5.2	8.8	5.1
14	13.8	8.0	3.5	19.4	4.3		4.4	5.4	6.5	5.7	7.2	2.0
15	13.1	6.8	2.8	3.6	2.4		4.4	6.9	4.8	6.3	3.3	3.7
16	16.9	3.9	3.9	4.9	1.6			12.1	3.1	7.2	6.0	5.6
17	15.3	3.8	4.6	3.8	1.7	6.2	5.3	12.2	3.4	5.2	5.0	8.9
18	3.7	4.3	4.0	4.6	3.3	5.2	5.4	18.5	4.0	2.4	4.7	10.3
19	10.6	5.1	3.6	5.3		5.4	4.1	22.7	4.6	3.1	6.1	5.8
20	7.0	4.3	4.2	10.9		5.7	5.1	29.7	3.8	4.6	2.8	5.1
21	9.3	3.7	4.5	13.0		10.5		21.1	4.9	4.9		2.2
22	8.5	2.2	4.4	8.3		10.0	4.7	15.5	6.4	5.3	8.9	4.0
23	14.3	2.5	3.7	6.4		7.6	3.8	11.9	6.8	7.2	11.9	4.2
24	18.7	6.2	2.4	6.1		8.7	5.8	9.3	8.3	5.3	7.3	4.0
25	13.7	5.5	1.7			12.8	5.9	7.7	7.1	3.8	2.7	3.4
26	17.3	5.5	3.9	1.6	.0	8.2	4.2	5.2	6.0	3.7	2.7	7.5
27	10.3	10.0	3.8	4.2	4.5	7.5	6.6	5.1	5.1	4.9	3.4	13.1
28	8.9	5.5	3.5	3.8	3.1	6.3	3.7	6.4	7.0	12.7	8.3	23.7
29	17.8		3.0		3.7	9.7	5.0	5.8	5.7	4.9	13.5	35.2
30	15.2		4.8	5.2	5.3	10.9		5.2	5.6	5.5	7.1	27.8
31	10.2		7.1		4.6			5.5		3.6		22.5
NO.:	31	27	31	28	24	15	27	27	24	31	27	31
MAX:	38.6	10.0	9.5	19.4	6.7	12.8	22.6	29.7	8.3	12.7	13.5	35.2
MEAN:	15.40	4.83	4.73	6.31	3.85	8.01	6.39	9.44	5.57	5.08	5.76	9.61
ANNUAL OBSERVATIONS:	323		ANNUAL MEAN:	7.17	ANNUAL MAX:	38.6	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 1  
 COUNTY: (049) Utah  
 CITY: (45090) Lindon  
 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:  
 UTM NORTHING:  
 UTM EASTING:  
 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: 2015

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	17.3	7.5		5.3	5.9	8.0	9.4	6.8	4.7	4.6	1.8	11.7
2	22.5	5.8			4.9	6.5	14.0	6.0	4.5	3.6	3.9	13.5
3	32.4	2.0			8.6	7.8	16.0	4.9	3.3	2.9	2.8	18.3
4	30.4	3.1	7.6		5.5	7.5	22.5	5.9	4.0	3.2	2.6	12.1
5	P 39.3	3.1	8.4		3.3	6.1	7.9	7.1	6.7	3.3	5.2	10.8
6	24.6	2.0	9.0		3.2	4.2	7.4	7.0	7.5	2.9	5.0	5.0
7	26.9	2.2	9.0	7.5	3.7	3.5	5.0	4.2	10.9	4.0	6.3	13.0
8	27.3	2.9	8.1	2.1	5.6	4.6	4.4	3.4	18.4	5.1	3.8	9.5
9	31.0	2.2		4.0	1.2	5.3	1.9	6.2	8.5	5.6	3.5	9.4
10	30.0	2.6	5.8	5.3	4.3	5.7	2.9	5.7	10.5	3.7	4.2	4.0
11	26.1	3.6	4.5	5.0	6.0	4.2	3.6	5.4	7.9	4.2	4.7	3.5
12	11.5	6.2	3.2	2.9	5.1	4.8	2.6	3.3	8.7	4.3	9.0	8.6
13	7.0	8.4	2.9	.0	5.9	5.4	5.0	4.3	11.0	5.4	9.4	6.3
14	16.3	8.6	4.0	20.7	4.9	7.6	7.0	4.7	5.3	6.3	10.1	2.1
15	14.9	6.1	2.6	3.7	2.7	4.4	5.2	6.3	3.8	4.9	4.0	3.8
16	22.1	4.0	3.8	2.2	1.3	4.8		11.7	2.8	6.6	5.2	18.6
17	14.9	4.5	4.3	4.3	1.7	5.1	4.3	11.5	3.4	4.5	4.8	.5
18	6.6	6.1	3.8	4.2	3.4	4.8	7.4	18.0	3.4	2.1	7.1	8.9
19	12.1	6.4	3.6	4.6	3.5	5.7	8.1	22.6	4.5	1.9	7.2	5.6
20	8.5	5.4		5.8	2.5	5.6	6.0	28.7	4.2	3.9	3.7	3.4
21	10.5	4.8			3.7	6.6	6.7	20.9	4.5	4.0	7.4	1.6
22	11.4	3.4			3.9	5.6		14.8	5.2	4.2	9.2	5.0
23	15.2	4.6		6.4	2.7	6.8	4.1	11.6	5.7	7.3	13.8	2.8
24	18.7	6.6		6.0	2.9	7.7	12.2	8.7	6.8	4.4	7.3	4.6
25	15.2		1.5	1.8	2.6	8.6	10.4	7.5	5.8	4.5	3.2	4.7
26	19.7		3.8	1.6	2.3	8.4	4.2	5.9	5.1	2.7		10.7
27	9.6		3.8	4.1	2.6	6.0	5.6	4.8	5.0	2.6		16.4
28	6.8		3.2	5.6	4.0	6.9	3.9	5.8	5.9	5.1		27.2
29	18.9		3.4	4.5	4.6	9.3	5.0	5.3	5.7	5.0		
30	15.9		4.5	7.1	6.5	9.1	5.3	4.6	5.1	5.4		
31	9.7		7.1		5.7		5.8	5.9		4.6		26.2
NO.:	31	24	22	23	31	30	29	31	30	31	25	29
MAX:	39.3	8.6	9.0	20.7	8.6	9.3	22.5	28.7	18.4	7.3	13.8	27.2
MEAN:	18.49	4.67	4.90	4.99	4.02	6.22	7.03	8.69	6.29	4.24	5.81	9.23
ANNUAL OBSERVATIONS:	336		ANNUAL MEAN:	7.22	ANNUAL MAX:	39.3	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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 2  
 COUNTY: (049) Utah  
 CITY: (45090) Lindon  
 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:  
 UTM NORTHING:  
 UTM EASTING:  
 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: 2015

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									4.1			
4												
5							9.2					
6					2.7							
7			9.2									
8												
9										6.1		
10								5.7				
11		3.9				4.9						
12				3.6								
13												
14												
15									4.5			
16												
17							5.8					
18	7.0				3.6							
19			3.5									
20												
21										3.9		
22								15.5				
23		4.7				7.4						
24												
25												
26											.0	
27									5.1			
28												
29												
30	16.2				5.7							
31			6.9									
NO.:	2	2	3	1	3	2	2	2	3	2	1	0
MAX:	16.2	4.7	9.2	3.6	5.7	7.4	9.2	15.5	5.1	6.1	0.0	
MEAN:	11.60	4.30	6.53	3.60	4.00	6.15	7.50	10.60	4.57	5.00	0.00	
ANNUAL OBSERVATIONS:	23		ANNUAL MEAN:		6.05	ANNUAL MAX:		16.2				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: (0000) NOT IN AN URBAN AREA  
 LAND USE: INDUSTRIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.1363362851  
 LONGITUDE: -111.66050219  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1380  
 PROBE HEIGHT: 5

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

REPORT FOR: 2015

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			9.2					6.1				
2		5.3				4.8	8.0				4.4	6.5
3	26.5			3.0	4.5				5.9	3.1		
4			6.5					4.6				
5		2.4				4.1	5.9				4.9	6.2
6	28.1			7.6	2.4				8.6	2.5		
7			5.5					4.9				
8		2.7				4.2	6.0				1.9	6.9
9	31.4			3.9	1.7				7.3	3.5		
10			4.3					4.8				
11		3.8				3.5	3.1				3.4	4.4
12	19.8			2.6	4.6				7.4	3.6		
13			2.5					3.9				
14		6.6				4.3	4.3		4.3	4.5	4.0	2.1
15				1.7	2.2							
16			3.4					10.7				
17		3.5				6.3	4.8				6.1	6.3
18				4.1	3.0				4.0	2.7		
19			3.7					22.4				
20		3.1				5.5	5.1				3.7	3.6
21	9.9			12.9	3.4				4.2	4.5		
22			3.9					17.4				
23		2.7				7.5	5.1				7.4	2.4
24				5.8	2.7				5.8	3.8		
25			.9					7.5				
26		4.7					3.9				2.2	8.1
27				6.0	2.9				4.8	4.5		
28			3.1					5.7				
29							4.0				13.8	P 37.5
30	14.4			4.1	4.3				4.7	4.6		
31			5.7					5.9				
NO.:	6	9	11	10	10	8	10	11	10	10	10	10
MAX:	31.4	6.6	9.2	12.9	4.6	7.5	8.0	22.4	8.6	4.6	13.8	37.5
MEAN:	21.68	3.87	4.43	5.17	3.17	5.03	5.02	8.54	5.70	3.73	5.18	8.40
ANNUAL OBSERVATIONS:		115		ANNUAL MEAN:	6.19	ANNUAL MAX:	37.5					

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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0007 POC: 1  
 COUNTY: (053) Washington  
 CITY: (37170) Hurricane  
 SITE ADDRESS: 147 N 870 W, Hurricane, Utah  
 SITE COMMENTS:  
 MONITOR COMMENTS:

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

CAS NUMBER:  
 LATITUDE: 37.179125  
 LONGITUDE: -113.305096  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 846  
 PROBE HEIGHT:

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: 2015

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			18.6					3.7				
2		2.4				3.7	5.3				2.4	4.0
3				4.1	3.5					2.5		
4			7.8					3.5				
5		2.8					5.5				2.9	5.1
6				5.9					4.4	2.5		
7								2.8				
8		2.2					3.0				2.4	1.8
9				2.4					7.8	2.6		
10								5.0				
11		1.5					2.7				3.8	
12				4.6	1.3				4.8	3.3		
13			1.7					3.8				
14		2.8					3.9				.2	
15	3.1			3.7	4.0				5.5			
16			3.3					4.2				
17		2.8					4.9					2.3
18	2.0			6.2					2.7			
19			2.0					15.0				
20		3.2					3.9					4.6
21	1.7			7.1	2.3				3.6	2.3		
22			2.6					9.1				
23		2.6									1.6	6.5
24	1.4			6.2	3.5				3.4	3.1		
25			1.7					4.9				
26		2.1				9.6	2.3				3.6	2.4
27	1.9			1.9	1.8				4.1	1.5		
28			2.7									
29						7.8	3.7				4.3	
30	.4			2.9	2.5				4.0	2.3		
31			4.0									
NO.:	6	9	9	10	7	3	9	9	9	8	8	7
MAX:	3.1	3.2	18.6	7.1	4.0	9.6	5.5	15.0	7.8	3.3	4.3	6.5
MEAN:	1.75	2.49	4.93	4.50	2.70	7.03	3.91	5.78	4.48	2.51	2.65	3.81
ANNUAL OBSERVATIONS:		94		ANNUAL MEAN:	3.81	ANNUAL MAX:	18.6					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0007 POC: 3  
 COUNTY: (053) Washington  
 CITY: (37170) Hurricane  
 SITE ADDRESS: 147 N 870 W, Hurricane, Utah  
 SITE COMMENTS:  
 MONITOR COMMENTS:

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

CAS NUMBER:  
 LATITUDE: 37.179125  
 LONGITUDE: -113.305096  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 846  
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.2	5.1	4.2	29.6	12.7	16.0	10.9	7.3	6.6	4.6	2.2	10.4
2	11.8	8.0	3.6	20.3	5.5	7.2	8.7	6.6	6.2	6.0	10.9	28.2
3	16.4	6.4	2.8	16.7	6.7	8.0	8.9	5.8	4.0	5.1	11.7	26.1
4	13.1	3.4	4.6	10.8	7.7	8.5	10.9	4.9	11.6	9.0	3.0	15.1
5	9.4	5.4	6.0	23.1	6.6	7.3	9.5	5.0	18.7	14.8	10.5	10.3
6	13.7	5.2	5.1	27.5	6.3	8.9	5.5	9.7	13.2	5.2	4.7	9.0
7	12.0	4.5	6.4	15.2	7.8	7.6	6.0	7.9	13.7	5.9	2.6	27.7
8	9.2	4.5	5.2	6.4	9.7	6.1	7.4	6.0	12.5	7.0	10.5	11.0
9	10.7	3.8	4.2	6.4	4.3	6.4	5.3	7.8	15.4	2.7	9.3	36.0
10	13.3	4.7	5.8	5.9	6.2	8.3	5.3	7.5	11.3	4.8	3.4	9.8
11	15.5	3.1	9.4	14.3	5.9	8.0	4.4	9.0	8.2	3.6	9.2	6.7
12	7.1	5.0	9.5	15.7	5.9	4.8	6.2	3.8	11.2	4.3	8.2	3.1
13	3.8	5.3	4.1	6.5	9.5	5.8	7.8	5.8	15.1	4.1	12.6	4.3
14	5.7	9.0	5.1	53.3	7.1	5.2	8.2	6.9	12.8	10.0	19.3	4.9
15	10.9	4.1	5.8	27.6	8.6	5.4	7.8	5.4	8.9	8.8	7.1	6.2
16	9.5	6.5	5.6	15.1	6.0	6.7	5.6	6.2	9.1	10.5	4.3	11.1
17	6.2	10.0	5.5	26.9	3.4	5.1	6.8	6.6	4.4	8.1	13.1	8.3
18	6.5	5.4	6.4	14.7	5.2	8.7	12.4	14.6	6.6	6.5	16.7	27.0
19	7.1	6.8	5.1	14.4	4.8	16.8	8.4	17.6	4.9	9.9	13.6	36.1
20	8.2	5.8	4.9	13.4	5.9	11.4	5.1	18.6	5.2	4.8	4.7	7.6
21	5.4	6.9	5.9	24.1	7.4	12.5	8.8	9.0	8.7	4.0	11.9	12.8
22	6.7	6.7	4.5	11.2	7.2	9.4	4.7	20.9	9.7	16.0	31.3	14.7
23	17.2	8.8	8.9	9.6	6.4	13.4	4.6	9.2	6.0	7.5	15.5	19.2
24	5.0	5.3	8.6	15.8	7.2	11.3	8.2	5.9	6.1	2.4	17.7	3.4
25	4.2	5.5	5.0	9.5	6.0	7.9	8.6	40.8	3.2	5.0	11.1	3.2
26	6.0	6.5	3.9	4.4	4.4	10.2	3.2	24.5	9.7	4.3	4.6	5.0
27	6.1	4.4	4.7	3.7	6.7	13.1	6.9	9.0	10.3	5.2	12.1	14.0
28	7.1	3.2	4.5	4.9	5.7	10.6	6.9	6.0	9.2	15.6	14.4	13.8
29	8.0		9.9	4.9	7.2	10.5	6.0	7.5	9.5	13.2	11.3	8.7
30	4.0		6.7	6.2	6.2	9.3	7.5	7.8	14.5	4.2	15.0	8.4
31	6.3		6.0		7.0		6.9	8.6		3.1		6.9
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	17.2	10.0	9.9	53.3	12.7	16.8	12.4	40.8	18.7	16.0	31.3	36.1
MEAN:	8.95	5.69	5.74	15.27	6.68	9.01	7.21	10.07	9.55	6.97	10.75	13.19
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	9.10	ANNUAL MAX:	53.3						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0007 POC: 3  
 COUNTY: (053) Washington  
 CITY: (37170) Hurricane  
 SITE ADDRESS: 147 N 870 W, Hurricane, Utah  
 SITE COMMENTS:  
 MONITOR COMMENTS:

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

CAS NUMBER:  
 LATITUDE: 37.179125  
 LONGITUDE: -113.305096  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 846  
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2015

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	5.0	3.1	2.9	17.7	6.0	8.0	9.2	5.5	4.5	2.0	.4	3.9
2	7.0	3.9	2.5	10.2	4.7	5.9	6.9	5.0	3.2	1.2	1.0	6.1
3	7.7	3.7	2.4	6.3	4.4	6.8	6.9	4.6	1.2	.9	1.5	6.6
4	5.2	2.4	3.3	7.3	6.4	6.4	6.3	3.9	4.9	2.3	.5	4.4
5	4.5	2.9	3.8	8.5	5.2	6.2	6.8	3.8	7.4	7.5	2.6	3.8
6	4.9	3.0	3.7	12.5	4.8	5.3	4.9	4.0	5.3	3.5	.9	2.1
7	5.8	2.7	5.1	6.9	6.4	4.6	4.4	4.6	4.9	2.9	.2	6.3
8	4.5	3.5	4.2	3.8	6.5	4.7	5.0	4.4	4.8	2.2	1.6	3.6
9	5.1	2.9	3.3	3.5	3.1	5.5	3.4	6.7	8.6	1.1	1.8	6.6
10	7.4	2.3	3.4	4.2	4.2	6.3	3.9	6.0	7.4	1.4	.8	4.6
11	8.0	2.3	5.0	6.7	4.9	4.8	3.5	6.0	5.3	2.0	1.7	1.6
12	4.1	2.8	4.9	8.4	4.9	3.8	4.1	3.0	4.8	1.1	1.6	1.3
13	1.9	3.2	3.0	4.7	6.4	4.5	5.0	4.8	6.5	.7	3.9	1.9
14	3.3	3.4	3.6	12.0	5.9	4.4	5.3	5.8	6.7	1.9	3.9	2.3
15	5.1	3.1	4.4	6.2	4.8	4.5	5.5	4.4	6.2	2.8	2.6	2.0
16	4.9	4.0	4.1	7.2	3.5	5.1	4.5	5.0	3.6	3.5	1.0	3.0
17	3.2	3.8	4.0	9.2	2.8	4.0	5.5	5.0	2.6	5.6	1.1	3.5
18	3.5	3.9	4.5	9.6	4.0	6.6	9.4	10.5	2.7	3.2	2.2	6.3
19	3.5	3.7	3.3	7.7	3.6	11.0	5.8	15.0	2.5	3.2	2.9	6.9
20	4.7	3.6	3.4	9.5	4.7	9.5	3.7	13.7	1.9	2.8	1.5	5.1
21	2.5	5.4	3.7	15.1	4.8	10.8	5.4	7.1	2.8	2.7	2.0	6.9
22	3.3	3.8	3.7	7.8	5.4	8.3	3.5	8.7	4.4	3.5	6.4	6.1
23	5.2	4.5	5.0	7.8	5.2	9.1	3.3	5.4	4.7	1.9	3.6	8.1
24	3.0	3.7	6.0	10.0	4.4	3.7	3.3	3.7	2.8	1.2	1.9	1.7
25	2.6	2.8	3.1	6.7	3.4	6.4	4.5	7.8	1.1	2.0	2.8	2.0
26	2.6	3.2	2.8	2.8	3.3	8.6	2.6	9.6	2.5	2.6	1.1	2.9
27	3.8	2.4	3.3	2.6	4.7	9.5	4.5	4.0	3.8	2.1	1.6	4.3
28	4.8	2.7	3.0	3.6	4.9	9.4	5.0	4.0	4.7	3.3	4.8	6.3
29	3.2		6.1	3.3	4.6	8.9	4.6	4.4	3.3	2.8	3.0	5.1
30	2.5		5.6	3.8	5.0	7.6	6.2	4.1	3.4	.4	3.2	4.4
31	3.1		5.1		5.2		5.9	4.6		.7		4.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	8.0	5.4	6.1	17.7	6.5	11.0	9.4	15.0	8.6	7.5	6.4	8.1
MEAN:	4.38	3.31	3.94	7.52	4.78	6.81	5.12	5.97	4.28	2.42	2.14	4.31
ANNUAL OBSERVATIONS:		365		ANNUAL MEAN:	4.59		ANNUAL MAX:	17.7				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA MAX VALUES REPORT

Apr. 26, 2016

(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: 41.2063211134  
 LONGITUDE: -111.97552430  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 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: 2015

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	13.6	9.5	7.2	2.3	7.0	5.0		6.6		7.4	2.3	
2	22.5	3.8	5.6	2.2	5.3	4.6	8.7	5.7		2.9		
3	P 36.1	5.5	4.5	7.0	3.8	5.1	17.3	5.5		4.8		
4	23.6	3.7	6.4	7.2	3.3	5.1	21.9	6.2		3.5		
5	17.2	6.1	7.2	6.2	4.1	6.5	10.1	5.9		4.8		
6	26.5	4.3	8.5	5.2	4.1	3.7	7.2	6.2		4.3		
7	P 42.9	3.0	10.8	6.5	3.3	3.8	6.7	4.4		4.2		
8		4.7	8.5	4.0	3.5	4.6	5.5	4.7		4.6		
9		3.2	6.7	6.4	2.5	5.7	2.5	6.4		5.0		7.0
10	27.5	2.5	8.3	6.7	3.8	4.7	3.2	7.6		3.3		4.2
11	P 44.5	4.5	6.0	5.7	5.9	4.3	3.5			4.3		8.0
12	17.2	7.3	3.1	3.1	5.0	5.0	4.1		10.0	4.8		7.2
13	7.3	8.1	5.3	4.3	7.4	6.0	4.9		15.3	4.6		5.5
14	11.7	13.8	5.7	32.9	4.5		5.0		7.1	4.5		2.1
15	18.7	10.1	7.0	2.5	2.9		5.2		6.1	5.0		5.8
16	28.0	3.2	7.6	4.1	1.4				2.3	6.9		
17	22.2	5.2	5.5	3.5	2.2				3.4	5.6		
18	9.5	7.0	3.4	6.8	2.5	6.4			3.8	2.4		12.9
19	13.7	5.9	4.0	7.9	3.2	6.5			5.4	2.4		13.0
20	6.9	4.8	7.4	7.7	2.2	7.6			4.9	2.6		9.2
21	7.0	2.7	6.0	9.0	8.6	7.6			6.0	3.9		3.0
22	8.7	1.4	5.5	9.1	4.0	8.1	4.0		7.0	4.5		2.5
23	10.8	3.0	4.2	5.1	2.9	8.3	4.4		7.3			2.1
24	15.2	5.1	3.2	5.4	3.1	8.5	6.8		6.8	6.4		4.1
25	23.6	6.8	1.9		2.9	7.8	10.4		9.5	6.1	9.2	3.0
26	22.7	7.2	2.8	2.1	3.3	6.4	6.6		8.4	8.2	2.8	7.6
27	23.3	7.7	4.3	3.4	2.2	7.5	3.6		6.9	3.8		8.4
28	8.1	4.9	4.2	4.6	2.5	14.8	3.0		6.4	5.5		12.3
29	8.5		3.8	5.1	3.5	9.9	3.9		6.8	3.9		21.5
30	8.2		5.0	6.8	5.3	10.9	4.6		7.2	2.6		29.2
31	8.8		7.5		6.6		6.4			2.5		21.4
NO.:	29	28	31	29	31	26	24	10	19	30	3	21
MAX:	44.5	13.8	10.8	32.9	8.6	14.8	21.9	7.6	15.3	8.2	9.2	29.2
MEAN:	18.43	5.54	5.71	6.30	3.96	6.71	6.65	5.92	6.87	4.51	4.77	9.05
ANNUAL OBSERVATIONS:	281		ANNUAL MEAN:		7.24	ANNUAL MAX:		44.5				

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: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.