

User ID: HPI

RAW DATA MAX VALUES REPORT

Report Request ID: 1640997

Report Code: AMP350MX

Apr. 4, 2018

GEOGRAPHIC SELECTIONS

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

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
2017 01 01	2017 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 2012
SO2 1-hour 2010

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

Apr. 4, 2018

(44201) Ozone

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: 10028-15-6
 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: SLAMS

COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.025	.019	.043	.042			.064	.059	.062	.040	.037	.032
2	.025	.017	.042	.043			.068	.063	.064	.037	.035	.013
3	.023	.031	.038	.052			.065	.061	.058	.042	.034	.035
4	.042	.034	.052	.044			.073	.056	.056	.040	.034	.030
5	.042	.040	.052	.048		.056	.071	.056	.065	.039	.036	.032
6	.025	.042	.043	.045		.063	.068	.061	.072	.037	.035	.034
7	.016	.039	.046	.046		.064	.065	.062	.063	.041	.037	.024
8	.023	.025	.037	.046			.066	.052	.062	.039	.031	.019
9	.041	.017	.037	.043		.051	.064	.056	.053	.035	.027	.019
10	.042	.039	.031	.046		.045	.058	.061	.053	.036	.015	.018
11	.042	.042	.038	.049		.055	.059	.064	.054	.043	.037	.013
12	.034	.043	.046	.053		.055	.064	.054	.054	.040	.032	.012
13	.025	.033	.040	.056		.036	.066	.054	.044	.040	.025	.022
14	.030	.037	.045	.050		.050	.067	.049	.033	.039	.035	.021
15	.036	.036	.042	.051		.053	.065	.054	.044	.039	.026	.015
16	.034	.029	.044	.055		.038	.055	.062	.041	.040	.034	.027
17	.031	.037	.049	.047		.054	.051	.055	.050	.034	.035	.028
18	.026	.040	.049	.050		.052	.065	.054	.053	.036	.034	.016
19	.016	.039	.047	.056		.045	.053	.059	.043	.039	.030	.013
20	.024	.039	.038	.050		.055	.061	.053	.040	.042	.010	.040
21	.038	.044	.047	.050		.058	.061	.050	.033	.038	.018	.037
22	.040	.044	.043	.060		.061	.065	.049	.039	.037	.015	.040
23	.042	.041	.044	.057		.066	.057	.052	.035	.045	.010	.040
24	.039	.043		.046		.066	.059	.053	.031	.038	.025	.024
25	.038	.042	.043	.038		.059	.052	.053	.037	.036	.021	.020
26	.028	.046	.046	.043		.068	.054	.055	.041	.042	.019	.018
27	.031	.045	.039	.053		.050	.059	.059	.046	.038	.036	.007
28	.038	.041	.042	.041		.047	.059	.056	.047	.039	.025	.014
29	.035		.046			.050	.062	.054	.051	.037	.036	.014
30	.035		.038			.057	.055	.049	.047	.030	.021	.035
31	.020		.039				.057	.053		.030		.029
NO.:	31	28	30	28	0	25	31	31	30	31	30	31
MAX:	.042	.046	.052	.060		.068	.073	.064	.072	.045	.037	.040
MEAN:	.0318	.0366	.0429	.0486		.0542	.0615	.0557	.0490	.0383	.0282	.0239
ANNUAL OBSERVATIONS:		326		ANNUAL MEAN:	.0426		ANNUAL MAX:	.073				

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. 4, 2018

(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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	30.0	P 45.2	6.8	1.4	2.6	5.6	12.2	7.7	11.2			10.7		
2	13.0	P 60.1	4.2	2.2		7.4	8.4	10.6	12.7	1.3	5.3	21.3		
3	15.6	P 44.3	3.9	3.5	2.8	4.9	9.3	14.8	10.3	1.5	5.8	9.5		
4	9.8	6.0			4.1	8.1	9.8	17.2	11.1	4.3	2.7			
5	4.0	7.8			5.4	11.2	12.6	12.7	33.4	2.6	2.1			
6	15.3	1.1		4.6	6.1	11.5	11.9	23.9	P 41.6 +	3.8	2.6			
7	28.2	1.5		4.2	4.5	10.0	10.4	25.8	29.6	2.8	1.9			
8	32.5	4.8		1.3	4.3	9.2	14.8	14.2	9.7	2.1	4.3			
9	2.7	6.3		1.3	4.5	9.1	8.2	9.2	8.1	1.7	7.5			
10	1.3	2.3	2.7	2.7	5.1	4.2	7.7	7.9	7.5	2.7	8.1	10.3		
11	1.7	1.3		5.6	5.8	7.1	11.4	10.9	6.2	5.1	4.5	.3		
12	5.2	2.8		5.2		13.2	8.8	4.2	6.5	8.7	3.8	.1		
13	12.7	10.2		5.7	2.6	2.7	8.5	5.0	6.6	5.3	7.3			
14	23.6	13.8		1.6	2.2	3.4	13.5	7.9	2.3	2.1	6.2	16.0		
15	26.3	15.4	3.4	1.6	3.4	3.8	10.6	6.5	12.6	2.8	4.1	16.5		
16	22.5	15.7		3.5	3.1	3.3	8.5	7.2	11.8	4.0	17.7	22.4		
17		7.6	3.9	3.1	.7	1.7	9.1	7.4	9.4		.9	9.8		
18	P 40.5	2.1	5.1	2.2	1.0	2.1	9.8	6.0	7.2	7.3	2.0	4.5		
19	P 53.2	1.1	2.6	3.3	1.3	3.2	10.9	5.3	2.6	.1	6.2	12.4		
20	34.4	1.6	3.9	3.5	2.2	4.5		7.5	2.4	4.5	12.5	4.8		
21	7.1	1.2		1.6	2.9	8.2		9.2	1.0	4.3	14.8	1.8		
22	5.9	1.3	2.3	2.7	3.3	3.2		9.1	1.1	1.6	7.5	4.4		
23	1.1	.8	3.3	3.5	3.4	3.9		3.9	2.2	2.1	7.2	1.4		
24	2.7	1.2		2.6	6.9	3.9		4.3	1.8	3.9	2.4	3.3		
25	7.7	1.8		1.0	3.5	3.8		6.0	2.5	5.6	3.5	12.8		
26	18.7	2.1	1.7	1.3	3.3	5.5		5.0	3.2	3.8	6.0	8.3		
27	15.2	1.7		1.8	1.9	6.0		8.0	3.1	4.3	2.5	14.0		
28	20.9	7.4	1.5	1.2	3.0	4.8	5.4	9.9	5.7	5.4	3.5	13.3		
29	28.6		2.6	2.8	4.0	3.7	5.6	8.9	3.6	4.5		18.0		
30	P 36.0		1.9	3.2	5.1	19.7	5.1	9.0	3.2	2.6	8.9	8.8		
31	P 36.6		.9		7.4		6.1	7.4		3.7		2.5		
NO.:	30	28	16	28	29	30	23	31	30	29	28	24		
MAX:	53.2	60.1	6.8	5.7	7.4	19.7	14.8	25.8	41.6	8.7	17.7	22.4		
MEAN:	18.43	9.59	3.17	2.79	3.67	6.30	9.50	9.44	9.01	3.69	5.78	9.47		
ANNUAL OBSERVATIONS:	326		ANNUAL MEAN:		7.74	ANNUAL MAX:		60.1					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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-003-0003 POC: 3
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 MONITOR COMMENTS:

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 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
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 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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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			1.8	.9	4.4	9.2	4.8	8.5	15.0	2.3	4.8	12.0
2			5.3	4.3	2.7	8.2	6.2	13.7	12.7	1.2	9.1	22.2
3			8.3	5.1	3.0	6.5	9.4	17.3	9.6	1.1	7.8	10.4
4			3.7	2.2	5.6	7.7	11.1	19.1	11.1	5.1	3.5	1.5
5			4.1	3.2	7.2	9.3	12.5	13.6	P 36.2 +	2.7	1.6	4.1
6			.6	6.5	6.5	10.4	10.6	26.4	P 44.0 +	3.7	4.0	4.9
7			1.2	5.2	4.3	11.3	10.1	27.3	29.1	4.0	4.5	8.7
8			2.3	3.0	6.4	9.3	11.2	16.8	8.5	3.3	6.5	12.2
9			3.1	2.2	7.5	11.8	9.0	11.4	10.2	2.4	9.6	16.2
10			6.4	5.1	7.6	5.4	6.2	10.2	8.7	6.2	9.5	16.1
11		1.9	4.2	8.9	8.3	7.7	11.3	11.7	7.0	9.3	6.3	20.8
12		3.1	2.6	6.4	9.9	9.5	12.7	4.0	8.0	8.6	4.2	26.4
13		9.7	4.2		3.3	4.9	11.2	7.1	6.6	6.9	8.7	23.3
14		14.8	5.4		2.4	6.4	10.3	9.1	3.1	2.2	7.1	15.8
15		16.8	4.1		5.7	5.2	6.9	9.0	16.5	3.5	5.0	22.1
16		16.0	5.1		5.6	4.8	8.2	9.8	13.3	8.1	17.9	9.1
17		7.1	6.7	6.7	2.0	3.7	10.8	9.0	10.9	8.6	1.5	4.1
18		2.6	5.9	5.9	2.3	3.2	11.5	7.7	8.2	11.6	3.5	10.4
19		1.5	3.9	5.3	2.8	6.0	10.5	5.1	3.4	9.9	8.9	14.3
20		2.0	4.6	4.9	6.0	6.1	7.1	7.7	3.9	5.4	14.5	5.3
21		1.5	6.8	3.4	5.7	9.9	12.3	11.5	2.3	1.3	18.3	1.4
22			4.6	6.2	5.2	4.3	12.1	8.5	3.1	2.0	9.5	6.0
23			4.4	4.2	5.1	5.9	8.8	3.5	5.5	2.0	8.9	2.1
24		2.1	6.5	3.1	6.5	5.7	10.3	5.9	4.7	5.3	3.4	4.8
25		2.9	3.5	1.8	3.4	5.5	9.5	7.3	6.1	8.8	6.4	20.2
26		3.6	3.3	1.5	2.9	7.5	8.0	8.2	3.0	4.3	9.8	14.9
27		2.3	2.5	2.7	2.4	6.9	14.6	9.9	5.1	5.2	3.0	20.1
28		4.0	1.9	2.3	3.7	6.3	9.6	10.8	5.8	7.4	4.0	21.6
29			4.9	2.4	5.5	5.5	7.3	9.8	5.7	7.9	6.5	25.8
30			3.5	4.2	8.1	3.9	6.1	8.4	4.9	4.2	10.1	12.7
31			.8		10.3		7.9	6.4		6.9		3.2
NO.:	0	16	31	26	31	30	31	31	30	31	30	31
MAX:		16.8	8.3	8.9	10.3	11.8	14.6	27.3	44.0	11.6	18.3	26.4
MEAN:		5.74	4.07	4.14	5.24	6.93	9.62	10.80	10.41	5.21	7.28	12.67
ANNUAL OBSERVATIONS:		318		ANNUAL MEAN:	7.59	ANNUAL MAX:	44.0	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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-003-0003 POC: 3
 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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	3.1	7.9	15.7	8.9	12.4	23.2	4.8	8.1	23.6
2			11.7	14.3	4.7	14.3	8.1	19.1	19.2	2.5	14.0	34.3
3			13.7	6.9	5.9	8.4	13.7	31.6	13.2	1.9	16.9	27.0
4			9.7	4.1	15.1	9.8	15.6	30.2	13.1	40.3	7.8	4.9
5			12.0	5.2	16.5	20.6	18.0	21.6	56.8 +	4.1	5.2	10.0
6			1.0	11.5	20.0	14.5	16.9	44.4	52.6 +	6.5	7.7	9.8
7			3.2	8.6	8.8	13.3	15.6	44.7	51.9	5.7	7.4	11.9
8			6.7	8.7	10.0	20.9	18.0	24.3	13.7	6.1	11.3	19.6
9			7.0	3.3	9.5	21.3	13.0	19.8	15.2	4.9	12.3	23.7
10			11.8	8.4	9.3	13.9	8.1	24.1	12.5	10.3	13.3	24.1
11		5.0	9.2	13.9	17.3	14.6	38.6	21.6	10.8	42.7	14.5	37.0
12		10.0	5.1	8.5	19.1	25.3	19.1	8.1	11.3	37.9	7.2	36.9
13		14.2	7.4		6.2	10.2	14.9	14.8	17.1	17.2	14.2	31.3
14		20.3	10.2		5.8	13.3	13.9	14.0	6.0	5.4	18.0	22.9
15		25.9	6.6		10.0	10.5	9.0	12.0	28.5	8.0	9.9	29.9
16		24.2	11.4		8.7	9.0	10.6	13.1	22.9	13.5	49.7	26.8
17		11.2	10.1	12.4	3.8	5.7	20.5	15.1	12.8	12.0	3.6	6.8
18		5.8	11.0	12.8	4.3	5.8	17.7	12.7	13.4	18.5	7.8	14.5
19		3.9	6.1	11.3	6.1	12.9	12.7	8.4	9.4	14.7	14.8	20.4
20		5.6	6.9	8.1	10.2	10.4	13.3	12.2	7.5	14.7	19.8	14.5
21		3.1	18.8	4.9	7.8	15.6	18.9	17.8	5.2	4.6	23.3	3.4
22			6.7	9.1	10.3	6.6	38.0	15.9	9.3	4.6	20.2	11.7
23			11.5	6.5	10.1	12.9	13.5	6.5	9.7	3.3	22.9	4.9
24		3.1	12.0	5.1	21.5	12.4	20.7	8.7	10.6	8.6	9.1	8.0
25		5.2	13.6	3.9	6.7	11.6	16.4	12.6	9.3	19.4	15.1	31.4
26		7.3	9.7	3.1	4.5	11.6	14.8	15.2	4.5	10.5	20.2	21.8
27		4.3	5.2	6.7	4.8	16.1	34.9	11.9	6.4	13.8	8.1	27.5
28		14.1	4.3	4.0	5.7	9.3	18.0	15.6	8.5	11.7	13.0	31.6
29			11.3	7.5	6.8	10.8	11.6	16.4	9.4	14.8	16.2	34.3
30			19.6	12.8	12.9	7.5	7.4	11.2	9.5	7.2	21.8	27.6
31			1.6		14.3		10.6	11.0		14.5		12.6
NO.:	0	16	31	26	31	30	31	31	30	31	30	31
MAX:		25.9	19.6	14.3	21.5	25.3	38.6	44.7	56.8	42.7	49.7	37.0
MEAN:		10.20	9.02	7.87	9.83	12.83	16.48	17.65	16.45	12.41	14.45	20.80
ANNUAL OBSERVATIONS:		318	ANNUAL MEAN:	13.68	ANNUAL MAX:	56.8						

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. 4, 2018

(44201) Ozone

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 41.945874098
 LONGITUDE: -112.23397302
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1369
 PROBE HEIGHT: 4

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI
 PQAO: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.025	.031	.028	.027	.040	.056	.040	.057	.058	.041	.038	.034
2	.023	.029	.028	.031	.031	.056	.039	.056	.058	.038	.036	.026
3	.025	.029	.028	.038	.032	.064	.041	.061	.057	.037	.032	.038
4	.036	.026	.029	.035	.034	.061	.042	.056	.055	.040	.033	.037
5	.036	.026	.035	.030	.033	.055	.042	.058	.060	.040	.029	.030
6	.030	.031	.032	.030	.032	.063	.039	.065	.068	.040	.037	.028
7	.029	.031	.031	.026	.032	.062	.041	.056	.057	.041	.038	.028
8	.026	.027	.025	.034	.030	.060	.037	.057	.057	.041	.033	.027
9	.029	.022	.025	.032		.031	.035	.051	.051	.036	.034	.025
10	.027	.026	.022	.032	.057	.030	.034	.061	.052	.044	.034	.027
11	.029	.033	.027	.032	.059	.033	.035	.060	.056	.047	.039	.023
12	.028	.032	.033	.037	.059	.032	.039	.055	.052	.040	.037	.014
13	.029	.031	.027	.040	.058	.015	.040	.053	.045	.044	.036	.019
14	.031	.033	.029	.032	.051	.028	.038	.051	.035	.040	.041	.028
15	.030	.033	.028	.031	.052	.031	.041	.054	.042	.042	.027	.022
16	.031	.033	.031	.032	.048	.022	.036	.062	.042	.044	.036	.025
17	.032	.030	.030	.033	.050	.039	.032	.058	.053	.042	.040	.030
18	.031	.024	.030	.033	.044	.029	.037	.059	.051	.043	.031	.029
19	.029	.023	.027	.036	.041	.024	.034	.058	.041	.050	.035	.023
20	.022	.021	.024	.033	.047	.031	.034	.053	.041	.045	.023	.043
21	.027	.029	.027	.036	.048	.033	.039	.057	.031	.041	.028	.037
22	.026	.028	.030	.037	.051	.043	.040	.052	.036	.038	.026	.032
23	.031	.029	.032	.037	.054	.037	.037	.050	.040	.043	.022	.040
24	.026	.028	.028	.029	.052	.040	.036	.054	.028	.042	.033	.035
25	.026	.029	.033	.027	.056	.033	.033	.054	.036	.046	.027	.034
26	.029	.027	.027	.036	.050	.039		.057	.038	.042	.022	.040
27	.030	.033	.029	.042	.044	.034	.057	.056	.048	.040	.040	.031
28	.031	.029	.028	.036	.049	.031	.061	.057	.048	.038	.032	.026
29	.032		.025	.030	.052	.036	.058		.051	.038	.038	.028
30	.033		.029	.026	.063	.035	.054	.046	.044	.032	.030	.042
31	.029		.028		.063		.056	.054		.036		.037
NO.:	31	28	31	30	30	30	30	29	30	31	30	31
MAX:	.036	.033	.035	.042	.063	.064	.061	.065	.068	.050	.041	.043
MEAN:	.0290	.0287	.0285	.0330	.0471	.0394	.0409	.0559	.0477	.0410	.0329	.0303
ANNUAL OBSERVATIONS:	361		ANNUAL MEAN:	.0378		ANNUAL MAX:	.068					

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

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: 10102-44-0
 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: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.0	49.0	13.0	5.0		10.0	5.0	10.0	8.0	4.0	11.0	20.0
2	28.0	38.0	27.0	5.0		11.0	5.0	9.0	6.0	11.0	19.0	13.0
3	21.0	25.0	26.0	18.0		7.0	7.0	13.0	7.0	9.0	14.0	10.0
4	23.0	27.0	15.0	8.0		6.0	9.0	8.0	7.0	6.0	5.0	12.0
5	37.0	16.0	.0	12.0		10.0	7.0	6.0	22.0	8.0	5.0	25.0
6	39.0	15.0	7.0	10.0		8.0	9.0	7.0	18.0	14.0	4.0	18.0
7		28.0	1.0	4.0		7.0	7.0	16.0	11.0	9.0	10.0	23.0
8		25.0	8.0			9.0	5.0	7.0	13.0	6.0	29.0	23.0
9		30.0	14.0			5.0	7.0	8.0	9.0	18.0	19.0	17.0
10		20.0	15.0			6.0	7.0	8.0	8.0	13.0	26.0	9.0
11		9.0	10.0		7.0	4.0	7.0	6.0	16.0	17.0	12.0	22.0
12		10.0	7.0		6.0	4.0	11.0	5.0	16.0	8.0	13.0	28.0
13		27.0	25.0		5.0	5.0	7.0	9.0	7.0	18.0	16.0	22.0
14		35.0	14.0		5.0	7.0	6.0	8.0	7.0	4.0	16.0	30.0
15		29.0	22.0		9.0	8.0	9.0	10.0	7.0	12.0	21.0	33.0
16		23.0	8.0		6.0	7.0	6.0	11.0	7.0	21.0	12.0	21.0
17		14.0	20.0		10.0	6.0	6.0	9.0	7.0	25.0	8.0	23.0
18		13.0	8.0		5.0	4.0	9.0	9.0	13.0	19.0	9.0	29.0
19		5.0	5.0		3.0	8.0	10.0	8.0	5.0	26.0	16.0	37.0
20		5.0	18.0		8.0	6.0	11.0	8.0	9.0	16.0	18.0	26.0
21		3.0	19.0		5.0	7.0	7.0	13.0	3.0	12.0	20.0	30.0
22		4.0	5.0		7.0	9.0	7.0	8.0	3.0	6.0	21.0	25.0
23		14.0	7.0		11.0	8.0	7.0	6.0	7.0	10.0	13.0	8.0
24		11.0	18.0		9.0	6.0	10.0	8.0	4.0	20.0	13.0	16.0
25		12.0	10.0		5.0	5.0	9.0	12.0	12.0	16.0	18.0	24.0
26		9.0	10.0		5.0	7.0	8.0	7.0	12.0	11.0	20.0	32.0
27		6.0	23.0		4.0	6.0	12.0	5.0	17.0	19.0	10.0	38.0
28	25.0	23.0	3.0		4.0	6.0	9.0	21.0	15.0	20.0	25.0	38.0
29	20.0		11.0		6.0	5.0	7.0	14.0	9.0	12.0	19.0	34.0
30	29.0		7.0		7.0	6.0	6.0	12.0	6.0	19.0	28.0	18.0
31	31.0		11.0		8.0	8.0	13.0	10.0		19.0		22.0
NO.:	10	28	31	7	21	30	31	31	30	31	30	31
MAX:	39.0	49.0	27.0	18.0	11.0	11.0	13.0	21.0	22.0	26.0	29.0	38.0
MEAN:	27.00	18.75	12.48	8.86	6.43	6.77	7.90	9.39	9.70	13.81	15.67	23.42
ANNUAL OBSERVATIONS:		311		ANNUAL MEAN:	12.97		ANNUAL MAX:	49.0				

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. 4, 2018

(44201) Ozone

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: 10028-15-6
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.033	.036	.048	.043	.051	.055	.059	.049	.056	.039	.038	.033
2	.033	.040	.052	.044	.043	.054	.054	.050	.052	.038	.037	.019
3	.029	.039	.051	.054	.049	.062	.063	.057	.051	.032	.035	.041
4	.042	.043	.051	.050	.050	.059	.062	.055	.047	.038	.040	.036
5	.041	.047	.053	.053	.048	.054	.061	.052	.046	.038	.023	.030
6	.029	.050	.047	.051	.051	.062	.053	.054	.058	.040	.037	.030
7	.023	.049	.050	.047	.047	.063	.058	.055	.053	.040	.039	.026
8	.029	.044	.041	.052	.037	.061	.055	.046	.055	.040	.038	.021
9	.043	.026				.051	.053	.051	.052	.036	.036	.020
10	.043	.037	.030			.044	.058	.054	.050	.042	.023	.021
11	.043	.046	.045		.058	.050	.058	.054	.051	.046	.043	.019
12	.040	.049	.047		.057	.052	.054	.053	.048	.042	.038	.014
13	.035	.049	.046		.058	.031	.059	.050	.044	.044	.036	.013
14	.036	.049	.049		.047	.051	.055	.046	.033	.041	.042	.015
15	.034	.053	.049		.052	.052	.062	.052	.040	.042	.029	.016
16	.035	.044			.048	.038	.048	.059	.043	.043	.041	.025
17	.039	.042			.048	.055	.046	.056	.051	.040	.043	.031
18	.033	.040	.050		.042	.049	.056	.052	.050	.041	.038	.025
19		.042	.048		.043	.038	.054	.055	.042	.047	.039	.018
20		.039	.042		.048	.048	.058	.052	.039	.044	.023	.045
21	.044	.047	.047		.045	.049	.052	.051	.030	.041	.026	.036
22	.042	.052	.043		.050	.055	.055	.053	.035	.038	.023	.037
23	.045	.046	.043	.057	.053	.058	.049	.047	.034	.043	.021	.042
24	.045	.047	.048	.047	.048	.058	.052	.051	.025	.040	.030	.035
25	.042	.045	.051	.040	.055	.049	.045	.048	.031	.044	.026	.035
26	.038	.049	.048		.045	.057	.051	.051	.038		.024	.035
27		.049	.037	.051	.041	.047	.055	.051	.042	.043	.042	.030
28	.046	.047	.044	.039	.047	.041	.059	.052	.047	.041	.034	.030
29	.041		.048	.048	.051	.048	.052	.045	.048	.041	.038	.032
30	.041		.040	.042	.064	.049	.046	.036	.044	.030	.028	.043
31	.034		.037		.064		.049	.049		.037		.037
NO.:	28	28	28	15	29	30	31	31	30	30	30	31
MAX:	.046	.053	.053	.057	.064	.063	.063	.059	.058	.047	.043	.045
MEAN:	.0378	.0445	.0459	.0479	.0497	.0513	.0545	.0512	.0445	.0404	.0337	.0287
ANNUAL OBSERVATIONS:	341		ANNUAL MEAN:	.0440		ANNUAL MAX:	.064					

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. 4, 2018

(81102) PM10 Total 0-10um STP

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: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	25	72		6	6	28	20	27	79		21	17
2	18	95	17	5	6	14	28		64	5	24	9
3	18	72	26	7	10	15	32	47	45	5	16	10
4		10		4	13	27	34	46	21	6	3	5
5	13	13	23	8	20	40	38	37		8	2	10
6	25	7	11	14	20	27	33	64	44	7	4	13
7	40	3	3	14	10	31	32	58	30	10	5	12
8	37	6		2	15	41	38	36	27	11	11	18
9	2	11		2	22		24	26	32	9	16	14
10	2	2	4	6		21	24	25	29		18	9
11	2	3	4	10	19	24	31	32	31	26	7	12
12	8	7	8	14	0	27		21	39		6	19
13	22	16	9	25	38	7	38	17	24	16	13	19
14	33	28	10	3	12	11	38	24	10	17	10	26
15	44	30	13	4	1	14	28	14	21	7	15	30
16		37		8	19	19	33	21	18		80	16
17		22	13	12	1	11	28	25	14		2	9
18		12	21	6	2	10	30	21	19		5	16
19			5	5	3	15	36	24	4	24	9	27
20	54	4	11		6	27	27	27		24	14	12
21	18		29	3	5	28	32	34		4	12	7
22		1		6	11	22	29	32		6	14	14
23	7		5	9	14	26	31	25		8	12	2
24	3		10	4	18	19	40	16		17	6	7
25	13	7	4	2	9	19	20	28		18	9	19
26		8	3	2	11	27	16	22			13	15
27	23	5	4	5	6	28	20	22			8	25
28	23	7	3	4	10	24	17	26			7	27
29	29		6	4	15	19	20	42		12	9	30
30	47		3	6	19	15	22	30		18	14	14
31	53		2		22		23	70		15		7
NO.:	24	25	25	29	30	29	30	30	18	22	30	31
MAX:	54.	95.	29.	25.	38.	41.	40.	70.	79.	26.	80.	30.
MEAN:	23.3	19.2	9.9	6.9	12.1	21.9	28.7	31.3	30.6	12.4	12.8	15.2
ANNUAL OBSERVATIONS:		323		ANNUAL MEAN:	18.5	ANNUAL MAX:	95.					

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. 4, 2018

(81102) PM10 Total 0-10um STP

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: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	23			4	5							
2			12									
3												10
4									26			
5								32		7		
6		11				23	29			10		
7				12	9					11		
8			4							8		
9											17	15
10									20			
11								27				
12		7				22	40					
13				20	9							
14			9									
15											14	31
16									17			
17								23				
18						9	25					
19				4	6							
20			9									
21											12	6
22												
23								23				
24		2				14	33					
25	12			2	7							
26			3									
27												26
28										19		
29								36				
30						12	19					
31					19							
NO.:	2	3	5	5	6	5	5	5	3	5	3	5
MAX:	23.	11.	12.	20.	19.	23.	40.	36.	26.	19.	17.	31.
MEAN:	17.5	6.7	7.4	8.4	9.2	16.0	29.2	28.2	21.0	11.0	14.3	17.6
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:	15.5	ANNUAL MAX:	40.					

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. 4, 2018

(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: 2017

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				2.1	2.9			8.0	12.3			
2								12.3	15.8			
3								18.9	12.5		4.7	5.5
4								22.6	11.1	2.3		
5			1.9					15.0	P 38.2 +			
6						6.3	7.8	35.2	P 47.2 +			
7				2.9	4.0			32.6	34.4			
8								17.5	15.2			
9								11.1	8.6		7.8	12.7
10								11.2	7.4	3.1		
11								12.5	7.2			
12						6.6	8.6	5.7	7.9			
13				5.2	3.4			6.4	4.3			
14			3.3					7.4				
15								6.1			6.3	19.2
16								7.5	9.5	4.8		
17								7.3				
18						2.8	8.4	6.2				
19				2.9	1.2			7.3				
20			4.0					9.4				
21								9.9			7.4	2.9
22								7.8	1.0	1.6		
23								4.9				
24							9.2	5.2				
25				.9	2.2		7.2	8.6				
26			2.0				4.9	6.2				
27								8.9			2.5	
28							5.4	9.8		5.3		
29							5.1	10.2				
30						4.7	5.4	11.6				
31					5.3		7.2	9.8				
NO.:	0	0	4	5	6	4	10	31	15	5	5	4
MAX:			4.0	5.2	5.3	6.6	9.2	35.2	47.2	5.3	7.8	19.2
MEAN:			2.80	2.80	3.17	5.10	6.92	11.39	15.51	3.42	5.74	10.08
ANNUAL OBSERVATIONS:		89	ANNUAL MEAN:	9.05	ANNUAL MAX:	47.2	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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0007 POC: 3
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	29.5	78.1	5.3	7.5	4.4	8.3	9.9			3.8	11.2	22.1
2	29.5	98.8	18.7	7.9	4.9	7.1	26.5			3.8	12.9	15.2
3	18.9	97.4	22.1	6.2	7.2	10.8	8.8			5.3	7.0	12.7
4	27.6	19.0	24.1	4.8	6.3	9.6	49.8			7.0	9.9	5.1
5	47.5	19.3	12.3	4.3	9.7	11.9	21.5			5.0	5.7	11.5
6	188.7	10.3	3.5	8.0	13.6	9.3	12.3			6.2	7.3	16.5
7	53.5	7.6	4.6	9.1	6.7	10.8	13.0			6.6	7.2	15.7
8	42.4	13.2	5.0	2.3	7.3	10.8	12.1			5.2	18.6	26.6
9	8.6	15.4	7.7	4.6	5.9	14.2	9.6			5.8	13.9	15.7
10	5.7	6.7	16.3	7.7		5.3	9.8			6.3	12.3	11.9
11	3.4	3.9	8.1	7.8	8.8	5.8	10.3			39.5	12.6	13.0
12	13.5	9.9	5.8	8.8		10.0	12.4			29.0	8.4	23.6
13	23.6	49.2	7.8	20.6	7.2	6.5	14.9			9.7	16.5	20.5
14	37.8	27.7	15.1	4.5	7.5	6.5	13.5			6.2	10.3	25.9
15	98.6	25.4	13.6	14.4	7.2	7.2	11.7			7.0	11.7	22.5
16	41.2	44.5	13.4	6.3	6.6	7.4	11.8			9.0	25.7	25.8
17	50.5	24.1	8.4	7.7	3.8	5.5	14.4			12.9	7.4	10.6
18	53.1	13.4	7.2	16.9	4.2	7.4	13.2			12.6	9.2	17.1
19	73.8	12.0	8.6	6.1	3.6	8.9	19.0			11.3	14.3	25.0
20	77.4	7.9	9.2	7.1	6.5	12.0	12.5			12.5	15.9	16.5
21	25.7	9.4	9.3	5.1	8.9	12.5	12.2			6.2	13.5	8.4
22	14.5	5.4	11.9	16.3	6.9	8.2	11.7			7.8	9.7	9.6
23	12.4	4.3	2.1	15.2	7.1	8.1	47.8			7.4	10.0	3.8
24	5.7	7.5	10.1	8.8	9.1	7.1	19.3			10.7	9.7	10.3
25	25.7	11.9	8.0	3.5	5.1	7.4	13.2			11.5	10.8	24.7
26	35.2	97.8	6.8	3.3	4.7	7.8	10.0			11.7	14.5	22.1
27	29.9	6.9	6.7	4.4	6.9	13.6	10.5			7.4	4.7	26.1
28	55.7	35.4	3.4	4.5	7.7	7.6			6.2	10.3	9.3	27.9
29	40.1		4.2	7.7	7.1	7.7			8.7	8.7	16.7	25.0
30	51.0		7.8	8.1	8.5	6.2			10.1	7.7	22.2	16.7
31	65.8		9.0		10.5					10.5		13.4
NO.:	31	28	31	30	28	30	27	0	3	31	30	31
MAX:	188.7	98.8	24.1	20.6	13.6	14.2	49.8		10.1	39.5	25.7	27.9
MEAN:	41.50	27.23	9.55	7.98	7.03	8.72	15.99		8.33	9.83	11.97	17.47
ANNUAL OBSERVATIONS:	300		ANNUAL MEAN:	15.68	ANNUAL MAX:	188.7						

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0007 POC: 3
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	21.2	P 58.4	2.1	3.0	2.4	5.2	4.8			1.1	5.7	11.5	
2	15.9	P 83.3	7.1	3.2	2.0	3.2	6.2			1.5	5.5	8.5	
3	13.9	P 66.2	16.3	3.3	3.0	4.9	5.9			2.7	4.5	5.3	
4	14.4	8.4	10.1	1.1	3.2	5.4	11.7			2.0	4.6	2.6	
5	7.1	9.2	2.2	1.4	4.2	5.7	9.2			2.0	2.8	6.6	
6	26.9	2.9	.5	3.4	4.8	5.3	7.8			2.4	3.7	7.4	
7	33.3	1.0	.9	1.2	3.4	7.4	7.6			2.5	3.2	8.6	
8	31.9	5.5	1.6	.0	5.1	5.7	7.7			2.7	6.8	13.8	
9	2.0	7.5	3.4	.3	3.9	4.5	5.6			2.3	8.7	11.3	
10	.8	1.5	6.0	2.6		1.6	5.2			3.9	9.2	8.2	
11	1.2	1.4	2.0	4.2	5.4	3.8	7.2			7.0	6.1	8.6	
12	4.8	3.7	1.7	4.8		3.2	8.6			6.9	4.1	14.0	
13	15.4	11.5	3.9	3.8	3.5	2.4	8.2			4.8	7.0	14.9	
14	24.6	19.0	4.8	-1.4	2.8	3.9	8.4			2.0	4.4	16.1	
15	34.5	17.5	3.3	2.2		3.1	6.5			3.4	6.5	15.2	
16	30.0	22.4	4.1	2.3	2.3	2.7	5.9			6.3	8.7	11.3	
17	29.6	13.4	3.9	2.1	1.2	1.6	6.1			7.2	2.5	6.1	
18	P 38.3	7.8	3.6	3.6	1.9	2.4	7.0			8.1	3.2	11.3	
19	P 62.5	2.0	3.5	.7	1.6	3.5	9.3			7.5	6.7	13.0	
20	P 46.5	2.4	4.1	2.6	3.5	4.2	5.1			5.5	9.9	4.9	
21	14.1	1.0	4.0	1.0	3.6	5.3	7.2			3.2	7.8	3.3	
22	7.6	.7	5.9	5.2	3.8	3.5	7.4			4.0	6.0	6.4	
23	4.6	1.5	-1.0	7.0	3.7	3.9	9.9			3.9	7.1	1.6	
24	2.4	2.5	2.7	2.3	4.9	3.8	7.6			6.4	3.1	4.7	
25	9.7	5.7	2.0	.2	2.4	4.7	5.5			7.3	5.3	14.6	
26	25.4	12.9	2.6	1.0	2.1	4.5	4.5			5.4	7.8	10.6	
27	14.6	2.2	.9	1.0	2.1	4.8	7.0			3.3	2.3	17.8	
28	18.4	3.7	.3	2.1	3.9	4.1				3.2	5.9	3.1	18.0
29	19.6		2.3	3.1	4.4	4.3				5.1	5.4	6.0	18.9
30	P 36.0		2.5	4.2	4.6	2.4				4.4	5.1	7.4	6.8
31	P 39.3		.4		5.9						5.0		4.0
NO.:	31	28	31	30	28	30	27	0	3	31	30	31	
MAX:	62.5	83.3	16.3	7.0	5.9	7.4	11.7		5.1	8.1	9.9	18.9	
MEAN:	20.85	13.40	3.47	2.38	3.41	4.03	7.15		4.23	4.41	5.66	9.87	
ANNUAL OBSERVATIONS:	300		ANNUAL MEAN:	7.45	ANNUAL MAX:	83.3	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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0007 POC: 4
 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: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	38.6	79.0	6.3		7.4	11.4	13.3	12.4	16.0	5.2	7.7	21.2
2	30.9	93.7	18.9		9.5	10.0	22.7	23.3	17.1	5.0	9.2	13.0
3	22.4	102.6	32.8		10.6	9.8	15.2	35.5	18.3	7.4	8.5	16.0
4	33.3	13.3	32.0		11.4	17.8	39.5	42.7	14.8	4.7	7.8	7.4
5	16.0	16.2	5.7		11.8	17.8	29.6	23.6	52.7 +	5.3	4.2	12.5
6	45.1	14.2	1.4		10.0	10.5	15.4	62.1 +	64.1 +	10.3	9.0	16.2
7	53.1	10.9	3.6			10.4	15.2	57.7 +	54.7 +	12.7	5.0	17.4
8	51.9	8.7	6.1	6.7		15.5	16.5	31.7	30.8	15.4	9.2	21.1
9	7.2	20.1	5.1	8.6		17.5	14.3	22.3	14.1	10.3	8.7	18.7
10	2.3	6.1	9.2	13.1		7.4	14.4	30.3	15.4	38.8	7.2	12.9
11	6.3	4.6	7.0	14.4		9.9	14.1	24.4	11.2	80.1	6.2	15.0
12	19.2	16.6	6.5	17.1		11.3	17.4	8.2	12.8		11.5	22.7
13	32.8	16.4	13.5	32.5		7.0	18.8	20.3	10.9		14.0	21.7
14	47.4	35.4	11.7	4.2		11.1	16.9	14.3	7.0		6.8	30.1
15	62.3	35.1	9.0	6.8		10.8	15.5	13.5	37.5		9.9	26.6
16	48.8	35.3		10.3		13.6	15.9	12.3	18.4		26.0	31.8
17	43.6	22.7		9.1	4.9	7.2	11.9	14.9	10.8		2.2	10.2
18	56.3	13.7		11.2	4.8	7.5	13.2	10.9	12.4		4.3	16.3
19	77.5	10.4		11.2	4.1	8.4	13.0	22.4	9.5		7.6	21.0
20	83.5	6.6		15.4	10.8	18.7	14.9	15.4	5.1		9.6	17.5
21	32.0	3.3		7.4	6.6	11.2	21.4	17.9	2.0		8.1	9.0
22	9.7	7.3		13.9	8.5	7.7	14.3	10.4	2.8		10.9	9.7
23	16.6	3.9		20.3	14.8	9.6	22.3	8.7	5.6		11.0	3.3
24	3.7	10.2		9.0	11.5	11.4	19.0	10.4	3.6		10.1	7.9
25	25.7	10.4		4.0	5.3	9.5	16.3	17.5	11.0		9.9	26.4
26	35.1	8.0		5.0	4.1	11.0	14.0	15.9	4.6		18.9	22.3
27	34.0	8.4		7.2	8.1	20.5	15.5	14.5	11.7		3.7	33.2
28	29.1	8.1		7.4	9.5	9.6	14.6	14.2	10.4		11.2	30.1
29	39.5			8.5	11.3	11.7	11.3	17.2	15.2		19.9	28.1
30	57.6			14.6	12.1	7.9	14.0	18.0	11.1		17.5	16.8
31	55.2				13.8		14.1	12.3		10.3		13.5
NO.:	31	28	15	23	21	30	31	31	30	12	30	31
MAX:	83.5	102.6	32.8	32.5	14.8	20.5	39.5	62.1	64.1	80.1	26.0	33.2
MEAN:	36.02	22.19	11.25	11.21	9.09	11.46	16.92	21.14	17.05	17.13	9.86	18.37
ANNUAL OBSERVATIONS:	313		ANNUAL MEAN:		17.45	ANNUAL MAX:		102.6				

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0007 POC: 4
 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: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH														
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	26.7	P 60.5	2.5		4.8	8.2	6.9	8.3	11.0	2.4	4.0	13.8		
2	16.5	P 86.1	7.2		5.5	7.0	9.0	15.3	15.2	2.1	5.0	8.5		
3	14.4	P 66.0	20.5		6.5	7.1	10.4	20.2	13.6	3.6	4.6	5.5		
4	16.7	5.7	11.8		7.1	9.5	14.0	24.5	12.0	2.8	2.8	2.0		
5	4.7	9.2	2.2		6.7	8.9	15.1	17.4	P 37.1 +	3.7	2.5	7.3		
6	26.5	2.6	.8		8.1	8.0	11.1	P 38.5 +	P 52.3 +	5.4	3.0	11.0		
7	P 43.1	1.7	2.0			8.4	10.5	P 36.7 +	P 37.9 +	7.3	1.7	10.8		
8	P 42.1	2.9	2.2	2.3		8.5	12.7	21.0	16.0	6.3	5.5	15.5		
9	1.7	10.7	2.7	3.6		6.3	9.9	13.9	9.2	5.5	5.3	13.9		
10	1.1	2.5	3.9	8.2		3.2	8.6	14.6	10.1	13.6	4.9	9.8		
11	1.6	1.8	3.8	10.2		5.7	11.0	14.7	8.3	34.7	3.2	10.1		
12	6.1	3.5	2.8	9.8		5.8	12.5	5.1	9.9		3.3	15.7		
13	19.3	11.6	4.2	9.3		1.9	12.8	7.7	5.2		5.9	17.2		
14	30.6	22.1	5.6	2.5		6.4	12.1	9.9	3.0		2.9	20.8		
15	P 43.6	25.8	5.3	3.9		8.2	9.9	9.1	19.1		4.9	18.9		
16	P 41.6	26.6		6.0		6.9	10.8	9.2	11.2		8.0	13.3		
17	34.8	13.3		6.1	1.8	4.0	8.5	10.9	9.0		.8	6.5		
18	P 47.6	8.4		6.2	3.1	4.2	8.9	7.9	8.6		2.2	11.5		
19	P 68.5	2.1		7.0	2.7	4.6	9.9	8.4	2.8		5.0	15.3		
20	P 52.2	3.7		8.3	6.5	8.5	9.6	11.8	3.1		6.4	6.1		
21	16.1	1.5		4.8	3.5	8.9	15.4	12.7	.7		5.1	3.0		
22	6.5	2.9		7.9	4.4	5.1	10.8	7.9	1.2		6.7	7.5		
23	6.3	2.3		8.9	7.2	6.4	12.3	4.8	3.7		7.5	1.6		
24	1.5	3.2		4.5	7.4	6.4	12.6	6.2	2.3		3.3	3.9		
25	12.7	7.0		2.1	3.4	5.7	10.0	11.5	5.8		4.9	19.6		
26	29.5	6.4		2.7	2.8	7.3	8.1	8.1	3.4		9.2	10.7		
27	27.0	3.8		3.9	3.4	9.3	9.5	12.0	5.3		1.9	20.4		
28	21.1	3.5		4.2	4.2	7.0	8.5	11.3	6.6		3.4	20.8		
29	28.6			3.9	6.7	6.1	7.7	13.2	8.1		6.2	21.5		
30	P 41.0			7.9	7.3	4.9	9.4	14.0	6.4		7.0	8.2		
31	P 49.9				8.8		8.6	8.6		4.7		3.5		
NO.:	31	28	15	23	21	30	31	31	30	12	30	31		
MAX:	68.5	86.1	20.5	10.2	8.8	9.5	15.4	38.5	52.3	34.7	9.2	21.5		
MEAN:	25.15	14.19	5.17	5.83	5.33	6.61	10.55	13.40	11.27	7.68	4.57	11.43		
ANNUAL OBSERVATIONS:	313		ANNUAL MEAN:		10.74	ANNUAL MAX:		86.1					17 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5	
													17 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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-007-1003 POC: 1
 COUNTY: (007) Carbon
 CITY: (62030) Price
 SITE ADDRESS: On Prperty of Resident at 351 W 2500 E. Price, Utah
 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: 10102-44-0
 LATITUDE: 39.6099601288
 LONGITUDE: -110.80074869
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1722
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	19.0	17.0	7.0	4.0	4.0	3.0	4.0	2.0	3.0	3.0		
2	15.0	17.0	6.0	10.0	4.0	3.0	2.0	3.0	2.0	2.0		
3	13.0	10.0	7.0	9.0	4.0	5.0	4.0	4.0	2.0	6.0		
4	22.0	14.0	7.0	4.0	7.0	3.0	4.0	4.0	4.0	3.0		7.0
5	6.0	8.0	5.0	8.0	5.0	3.0	4.0	3.0	6.0	3.0		5.0
6	9.0	14.0	3.0	5.0	5.0	4.0	3.0	3.0	5.0			4.0
7	12.0	12.0	6.0	11.0	4.0	3.0	3.0	4.0	4.0			6.0
8	14.0	13.0	8.0	3.0		6.0	2.0	4.0	3.0			5.0
9	25.0	14.0	6.0	4.0		2.0	3.0	5.0	4.0			4.0
10	26.0	19.0	8.0	9.0	4.0	1.0	5.0	3.0	3.0			4.0
11	15.0	9.0	5.0	9.0	5.0	2.0	5.0	2.0	4.0			12.0
12	25.0	4.0	5.0	17.0	4.0	3.0	3.0	3.0	2.0			11.0
13	15.0	7.0	17.0	7.0	5.0	1.0	3.0	3.0	3.0			16.0
14	14.0	6.0	7.0	4.0	3.0	3.0	3.0	3.0	2.0			4.0
15	6.0	13.0		4.0		6.0	3.0	5.0	1.0			3.0
16	5.0	11.0	7.0	4.0		3.0	2.0	3.0	3.0			8.0
17	13.0	13.0	8.0	9.0		2.0	4.0	4.0	3.0			4.0
18	12.0	10.0	9.0	8.0		1.0	3.0	4.0	3.0			6.0
19		8.0	5.0	3.0		2.0	3.0	4.0	3.0			8.0
20	14.0	8.0	18.0	10.0		8.0	5.0	2.0				9.0
21	23.0	10.0	14.0	3.0		6.0	4.0	7.0	10.0			3.0
22	22.0	4.0	10.0	4.0		2.0	6.0	6.0	10.0			5.0
23	13.0	4.0	5.0	4.0		2.0	4.0	4.0	2.0			4.0
24	9.0	7.0	4.0	9.0		2.0	5.0	5.0	2.0			13.0
25	16.0	9.0	4.0	6.0	2.0	2.0	3.0	4.0	4.0			11.0
26	21.0	7.0	4.0	7.0	3.0	3.0	4.0	2.0	4.0			5.0
27	12.0	14.0	12.0	6.0	2.0	5.0	4.0	3.0	5.0			5.0
28	18.0	4.0	4.0	4.0	1.0	3.0	4.0	6.0	3.0			6.0
29	17.0		5.0	4.0	3.0	2.0	3.0	3.0	6.0			4.0
30	17.0		9.0	5.0	1.0	3.0	2.0	6.0	5.0			4.0
31	15.0		7.0		1.0		5.0	6.0				5.0
NO.:	30	28	30	30	19	30	31	31	29	5	0	28
MAX:	26.0	19.0	18.0	17.0	7.0	8.0	6.0	7.0	10.0	6.0		16.0
MEAN:	15.43	10.21	7.40	6.47	3.53	3.13	3.61	3.87	3.83	3.40		6.46
ANNUAL OBSERVATIONS:		291		ANNUAL MEAN:	6.42	ANNUAL MAX:	26.0					

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. 4, 2018

(44201) Ozone

SITE ID: 49-007-1003 POC: 1
 COUNTY: (007) Carbon
 CITY: (62030) Price
 SITE ADDRESS: On Prperty of Resident at 351 W 2500 E. Price, Utah
 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: 10028-15-6
 LATITUDE: 39.6099601288
 LONGITUDE: -110.80074869
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1722
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.034	.045	.052		.054	.058	.067	.058	.061	.046	.041	.035
2	.030	.046	.051		.056	.058	.060	.054	.062	.042	.042	.038
3	.037	.048	.049		.057	.067	.066	.056	.062	.047	.042	.045
4	.040	.046	.047		.061	.062	.064	.053	.060	.050	.033	.038
5	.053	.047	.054		.052	.065	.061	.052	.062	.053	.040	.040
6	.042	.045	.050	.051	.053	.062	.059	.050	.067	.047	.041	.043
7	.039	.037	.047	.043	.051	.057	.061	.053	.059	.040	.043	.038
8	.037	.043	.047	.059	.059	.055	.060	.056	.055	.047	.047	.036
9	.044	.036		.053	.055	.055	.061	.056	.051	.040	.045	.034
10	.040	.033		.059	.057	.048	.055		.051	.041	.037	.032
11	.046	.048		.054	.054	.042	.058	.053	.051	.045	.045	.031
12	.041	.053		.061	.053	.063	.061	.046	.052	.056	.042	.028
13	.037	.050		.059	.060	.045	.057	.053	.046	.052	.043	.043
14	.042	.051		.065	.062	.055	.058	.049	.037	.051	.041	
15	.045	.053		.060	.062	.056	.058	.055	.048	.053	.041	.042
16	.052	.050		.059	.059	.046	.059	.061	.058	.052	.037	.040
17	.046	.038		.048	.056	.040	.054	.063	.054	.045	.043	.040
18	.047	.041		.054	.053	.044	.057	.058	.052	.045	.039	.037
19	.034	.038		.060	.047	.044	.052	.052	.053	.043	.039	.033
20	.037	.038		.061	.054	.046	.059	.050	.049	.047	.038	.045
21	.048	.032		.062	.056	.059	.059	.049	.047	.045	.031	.043
22	.043	.053		.063	.056	.057	.056	.051	.047	.043	.032	.038
23	.049	.051		.058	.052	.064	.061	.053	.047	.048	.033	.045
24	.050	.046		.052	.051	.065	.054	.053	.044	.047	.038	.043
25	.043	.046		.049	.060	.059	.047	.057	.041	.045	.042	.042
26	.046	.047		.050	.056	.059	.055	.052	.049	.045	.036	.040
27	.048	.053		.061	.050	.055	.059	.055	.050	.047	.045	.034
28	.048	.052		.052	.057	.056	.054	.059	.049	.045	.045	.032
29	.053			.050	.062	.060	.058	.053	.050	.044	.042	.035
30	.051			.053	.065	.062	.055	.054	.046	.036	.042	.033
31	.048				.063		.057	.048		.043		.045
NO.:	31	28	8	25	31	30	31	30	30	31	30	30
MAX:	.053	.053	.054	.065	.065	.067	.067	.063	.067	.056	.047	.045
MEAN:	.0435	.0452	.0496	.0558	.0562	.0555	.0581	.0537	.0520	.0461	.0402	.0383
ANNUAL OBSERVATIONS:		335		ANNUAL MEAN:	.0495	ANNUAL MAX:	.067					

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

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: 10102-44-0
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	36.0			10.0	26.0	20.0	19.0	27.0		14.0	33.0	
2	34.0			21.0	16.0	20.0	15.0	21.0		27.0	33.0	
3	37.0			35.0	25.0	35.0	27.0	35.0		28.0	30.0	
4	38.0		24.0	29.0	23.0	13.0	20.0	16.0		43.0	9.0	
5	37.0		8.0	41.0	26.0	15.0	42.0	8.0		28.0	20.0	
6	43.0		12.0	39.0	21.0	26.0	26.0	12.0		24.0	32.0	
7	46.0		30.0	11.0	8.0	26.0	23.0	14.0		21.0	27.0	
8	43.0		37.0	14.0	12.0	12.0	29.0	35.0		14.0	42.0	
9	27.0		34.0	10.0	18.0	17.0	15.0	27.0		13.0	40.0	
10	25.0		35.0	41.0	10.0	15.0	11.0	20.0		31.0	36.0	
11	27.0		26.0	39.0	32.0	11.0	17.0	19.0			30.0	
12	30.0		28.0	42.0	11.0	12.0	13.0	11.0		30.0	35.0	
13	32.0		38.0	10.0	9.0		28.0	12.0		35.0	42.0	
14	28.0		35.0	11.0	15.0	23.0	35.0	18.0		18.0	37.0	
15	10.0	43.0	36.0	19.0	18.0	28.0	21.0	14.0	4.0	23.0	36.0	
16	24.0	41.0	42.0	23.0	15.0	17.0	12.0	34.0	2.0	34.0	16.0	
17	37.0	44.0	31.0	12.0	15.0	10.0	29.0	27.0	4.0	43.0	16.0	
18	38.0		23.0	28.0	13.0	12.0	18.0	29.0	6.0	37.0	31.0	
19	37.0		25.0	20.0	8.0	21.0	11.0	24.0	15.0	41.0	32.0	
20	27.0		45.0	33.0	14.0	26.0	27.0	13.0	30.0	19.0	43.0	34.0
21			8.0	20.0	11.0	19.0	19.0	21.0	14.0	19.0	39.0	30.0
22			27.0	23.0	13.0	18.0	21.0	27.0	11.0	22.0	29.0	41.0
23			37.0	13.0	26.0	21.0	23.0	32.0	20.0	26.0	25.0	27.0
24			35.0	34.0	36.0	15.0	27.0	16.0	12.0	41.0	22.0	35.0
25			21.0	13.0	10.0	17.0	14.0	30.0	17.0	33.0		43.0
26	38.0		25.0	30.0	28.0	22.0	18.0	22.0	28.0	44.0		38.0
27	48.0		25.0		7.0	10.0	14.0	23.0	22.0	34.0		49.0
28	47.0		27.0	17.0	16.0	22.0	30.0	29.0	11.0	30.0		58.0
29			27.0	5.0	14.0	14.0	15.0		29.0	28.0		48.0
30			32.0	23.0	29.0	16.0	17.0		26.0	35.0		41.0
31			30.0		29.0		25.0			27.0		36.0
NO.:	23	3	28	29	31	29	31	28	16	30	24	12
MAX:	48.0	44.0	45.0	42.0	36.0	35.0	42.0	35.0	30.0	44.0	43.0	58.0
MEAN:	34.30	42.67	28.68	22.97	17.87	18.38	21.32	22.00	15.69	28.73	30.63	40.00
ANNUAL OBSERVATIONS:		284		ANNUAL MEAN:	24.92		ANNUAL MAX:	58.0				

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. 4, 2018

(44201) Ozone

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: 10028-15-6
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.023	.016	.043	.046	.052	.060	.074	.065	.061	.042	.034	.022
2	.022	.008	.039	.040	.045	.061	P .077	.066	P .078	.038	.041	.018
3	.020	.042	.038	.052	.048	.069	.064	.063	.071	.045	.043	.041
4	.035	.041	.053	.048	.064	.064	P .077	.063	.072	.042	.043	.030
5	.034	.046	.053	.051	.060	.061	P .082	.057	.072	.041	.033	.027
6	.020	.046	.043	.050	.056	.075	P .080	.058	P .081	.034	.040	.025
7	.015	.036	.047	.051	.055	.062	.073	.066	.065	.038	.037	.024
8	.027	.039	.037	.049	.046	.063	.075	.060	.056	.040	.032	.020
9	.028	.029	.039	.046	.053	.059	.068	.062	.053	.038	.023	.017
10	.042	.038	.030	.053	.059	.050	.064	.063	.055	.039	.019	.017
11	.039	.040	.042	.043	.066	.052	.063	.067	.060	.048	.037	.008
12	.017	.043	.042	.059	.057	.055	.074	.057	.055	.043	.034	.007
13	.028	.037	.043	.061	.057	.038	.072	.056	.049	.041	.030	.005
14	.032	.032	.043	.051	.056	.048	.075	.049	.042	.032	.023	.023
15	.040	.029	.047	.051	.052	.059	P .077	.058	.047	.042	.040	.014
16	.037	.033	.044	.058	.054	.046	.070	.066	.045	.038	.041	.023
17	.026	.041	.051	.050	.049	.051	.072	.058	.059	.034	.035	.028
18	.028	.037	.056	.047	.046	.054	.070	.057	.056	.041	.035	.016
19	.017	.037	.050	.057	.049	.052	.050	.069	.045	.043	.032	.020
20	.037	.042	.044	.052	.052	.056	.057	.061	.047	.048	.010	.037
21	.034	.045	.047	.051	.054	.058	.064	.055	.043	.040	.018	.029
22	.041	.047	.037	.062	.056	.058	.073	.051	.039	.040	.021	.034
23	.046	.037	.056	.056	.056	.064	.073	.054	.034	.041	.020	.035
24	.041	.040	.045	.046	.048	.069	.068	.055	.024	.039	.028	.022
25	.038	.043	.040	.040	.055	.067	.064	.062	.039	.040	.023	.009
26	.037	.047	.050	.042	.047	.068	.062	.060	.042	.038	.032	.012
27	.026	.046	.038	.054	.047	.049	.061	.062	.048	.036	.036	.012
28	.036	.043	.042	.044	.054	.051	.058	.060	.047	.040	.029	.011
29	.039		.047	.050	.061	.052	.065	.071	.052	.043	.025	.012
30	.032		.045	.048	.070	.062	.062	.055	.044	.031	.021	.007
31	.027		.046		.064		.066	.060		.032		.027
NO.:	31	28	30	30	31	30	31	31	29	31	30	31
MAX:	.046	.047	.056	.062	.070	.075	.082	.071	.081	.048	.043	.041
MEAN:	.0311	.0379	.0440	.0503	.0545	.0578	.0687	.0602	.0531	.0399	.0308	.0204
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	.0457		ANNUAL MAX:	.082		7 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									7 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 49-011-0004 POC: 5
 COUNTY: (011) Davis
 CITY: (07690) Bountiful
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH
 SITE COMMENTS: NEW SITE TO REPLACE 490110001
 MONITOR COMMENTS: SAMPLING FOR METALS ANALYSIS ONLY.

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:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (126) R - P Co Partisol Model 2000 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	41			3	7							
2			18									
3											15	38
4										18		
5								26				
6		7				28	26					
7				20	13							
8			15									
9											30	40
10									12	13		
11								23				
12						34	27					
13	20			35	22							
14		30	17									
15											23	39
16									23	18		
17								24				
18		8				11	27					
19	48			5	3							
20			32									
21												9
22									4	8	18	
23								17				
24		4				22	29					
25	5			2	11							
26												
27											31	37
28			6						8	18		
29												
30						17	15					
31	48				20							
NO.:	5	4	5	5	6	5	5	4	4	5	5	5
MAX:	48.	30.	32.	35.	22.	34.	29.	26.	23.	18.	31.	40.
MEAN:	32.4	12.3	17.6	13.0	12.7	22.4	24.8	22.5	11.8	15.0	23.4	32.6
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	20.1	ANNUAL MAX:	48.					

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. 4, 2018

(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:
 UTM NORTHING:
 UTM EASTING:
 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: 2017

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	P 38.0	30.4	1.6	1.4	2.7	6.4	9.3	8.2	10.6	2.1	5.2	18.8	
2	14.3	P 39.8	5.4	2.3	2.4	8.3	11.2	10.6	13.7	1.5	4.7	20.6	
3	18.0	29.3	4.5	3.2	3.0	8.0	10.9	17.2	12.1	2.5	4.0	8.8	
4	13.6	3.1	3.3	2.0	4.4	9.4	18.5	14.0	11.1	4.3	3.2	1.8	
5	6.0	3.5	4.3	2.8	4.5	10.9	17.1	13.1	28.9	3.9	3.1	4.8	
6		2.6		3.5	5.1	11.9	9.5	16.8	P 43.7 +	3.1	3.7	7.9	
7		1.9		5.8	7.9		15.2	16.6	17.1	3.2	3.8	12.2	
8	30.6	2.1		1.9	4.7	8.5	16.9	11.4	8.6	2.3	6.8	18.3	
9	1.9	3.0		1.2	5.4	10.0	17.5	8.8	8.2	2.1	11.9	19.2	
10	1.8	2.9		3.8	5.3	9.5	9.8	6.1	6.0	3.4	12.6	25.7	
11	2.2	2.9		6.8	6.8	6.9	8.6	6.4	6.3	5.8	7.1	P 36.0	
12	11.0	4.1		4.9	8.7	5.7	16.5	4.1	6.3	11.1	6.3	34.6	
13	16.4	8.6		6.7	4.0	3.4	14.7	5.2	5.2	11.1	11.2	34.7	
14	21.8	18.0		1.2		5.2		9.0	2.2	2.0	7.2	19.9	
15	19.1	19.0	4.1	2.1	5.1	6.7	9.2	5.9	9.5	3.0	6.4	23.2	
16	18.2	8.3	4.1	4.2	6.9	5.3	8.8	7.8	14.3	6.8	13.4	19.1	
17	29.0	11.9	6.2	3.8	1.1	3.6	9.9	8.3	11.0	8.6	1.2	5.2	
18	35.2	2.5	5.5	3.7	1.2	4.9	9.8	7.5	6.0	10.8	3.1	11.5	
19	P 43.2	1.5	4.0	3.3	1.5	11.6	8.0	7.3	3.2	7.4	6.9	12.5	
20	17.6	1.2	6.8	3.6	2.8	11.1	6.0	6.4	3.6	11.2	16.1	7.7	
21	5.0	1.6	6.9	1.9	2.8	12.7	9.8	5.5	1.6	2.3	15.4	3.5	
22	1.9	2.9	4.6	3.4	3.5	6.3	12.3	6.2	2.0	3.3	5.4	7.3	
23	1.0	1.3	2.7	2.8	6.5	7.9	11.2	5.0	4.1	3.3	4.9	1.8	
24		1.2	3.4	2.5	5.9	8.7		5.2	2.7	4.9	3.2	8.3	
25	3.6	3.4	2.0	1.1	4.1	6.3		7.7	2.8	6.7	5.9	31.6	
26	8.6	2.5	1.7	2.0	3.8	13.1	4.8	7.8	3.9	6.5	8.6	22.5	
27	24.2	1.6	2.1	1.9	3.0	18.8	4.5	8.1	4.0	4.8	6.1	26.6	
28	21.7	3.2	1.9	1.8	4.3	11.1	6.0	8.5	3.7	5.3	4.5	29.7	
29	30.2		3.4	2.9	5.8	7.8	5.4	13.9	6.0	4.8	10.3	24.2	
30	P 45.2		2.6	3.1	6.8	7.8	6.0	8.6	3.8	3.8	14.2	8.6	
31	P 37.8		1.4		7.8		7.3	9.1		6.5		9.7	
NO.:	28	28	22	30	30	29	28	31	30	31	30	31	
MAX:	45.2	39.8	6.9	6.8	8.7	18.8	18.5	17.2	43.7	11.2	16.1	36.0	
MEAN:	18.47	7.65	3.75	3.05	4.59	8.54	10.53	8.91	8.74	5.11	7.21	16.65	
ANNUAL OBSERVATIONS:		348		ANNUAL MEAN:	8.66	ANNUAL MAX:	45.2						

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

7 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. 4, 2018

(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:
 UTM NORTHING:
 UTM EASTING:
 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: 2017

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	46.7		4.3				22.7	14.1	28.4	7.9	8.8	24.3
2	17.0		19.2				18.2	17.4	19.6	1.8	13.2	26.2
3	21.2		7.8				23.5	32.3	17.5	5.4	8.4	22.6
4	19.6		5.7				77.3	27.0	16.9	18.7	8.0	4.7
5	8.6		18.0				53.3	27.2	46.0	8.8	13.3	9.0
6	29.0		1.6	9.8			22.6	47.8	63.8 +	13.5	10.6	15.7
7	49.0		4.1	16.3			16.0	29.2	44.9	4.8	9.5	18.3
8	54.0		9.1	5.4			19.6	19.3	12.2	5.4	12.2	23.8
9	3.9		12.2	3.2		28.7	22.5	19.1	13.9	6.9	17.2	29.5
10	2.1		13.7	9.7		18.7	12.6	10.4	12.5	7.9	19.6	36.7
11	5.3		7.9	14.1		19.9	13.5	14.6	11.0	9.5	21.3	47.6
12	31.1		5.8	8.1		17.5	15.9	12.0	14.5	34.8	13.3	37.4
13	25.8		9.3	18.8		5.1	19.4	12.0	15.2	19.9	26.3	55.5
14	29.7		11.6	2.8		10.3	21.3		7.7	3.4	22.9	27.9
15	23.1			5.5		12.1	18.6	12.1	30.0	10.1	12.8	27.7
16	21.8			9.0		15.5	16.3	12.3	22.6	18.3	47.8	39.1
17	33.6	27.3		9.6		16.3	29.3	10.4	17.2	25.9	3.6	10.3
18	48.2	4.6		11.2		15.1	20.7	13.1	10.5	22.6	6.9	15.8
19	47.8	3.6		10.4		14.9	15.8	12.6	7.6	22.0	18.2	17.5
20	35.6	2.5		12.6		32.5	17.2	12.3	8.9	42.8	26.0	26.2
21	7.7	5.5		7.7		33.1	22.8	10.6	5.4	8.7	31.7	5.4
22	3.1	18.8		12.0		16.2	21.6	13.3	8.5	9.5	11.3	14.9
23	1.8	2.7		6.1		17.1	17.9	13.7	10.6	6.3	16.2	6.3
24	4.1	1.3		9.2		19.8	39.5	10.5	10.8	19.5	13.0	12.8
25		4.1		4.8		24.5	8.0	14.2	7.0	19.9	19.6	45.4
26		6.4		6.5		20.7	14.6	14.6	9.8	23.0	17.2	33.8
27		4.3				58.6	12.1	15.1	9.7	23.3	25.8	30.8
28		10.9				13.2	11.7	13.2	6.8	12.2	8.1	44.0
29						9.3	10.4	76.2	12.2	11.6	30.7	45.2
30						28.1	9.4	19.7	8.4	15.8	22.7	14.2
31							12.3	12.8		15.2		25.9
NO.:	24	12	14	21	0	22	31	30	30	31	30	31
MAX:	54.0	27.3	19.2	18.8		58.6	77.3	76.2	63.8	42.8	47.8	55.5
MEAN:	23.74	7.67	9.31	9.18		20.33	21.18	18.97	17.00	14.69	17.21	25.63
ANNUAL OBSERVATIONS:		276		ANNUAL MEAN:	17.88		ANNUAL MAX:	77.3				

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. 4, 2018

(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:
 UTM NORTHING:
 UTM EASTING:
 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: 2017

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	P 36.4		2.4				11.4	10.3	14.4	2.4	6.3	18.1	
2	10.8		5.4				13.9	13.4	15.9	.8	6.7	19.8	
3	15.5		5.1				14.7	20.6	14.0	1.8	5.4	8.6	
4	11.4		3.6				21.3	15.3	12.2	3.9	4.7	2.1	
5	3.8		4.5				28.4	13.8	32.5	5.1	5.6	4.9	
6	15.6		1.0	5.7			14.8	18.5	P 43.4 +	5.2	5.2	8.1	
7	P 35.5		1.7	5.7			11.9	18.8	17.7	3.6	3.9	13.0	
8	35.2		3.4	2.3			12.8	13.2	9.2	3.2	6.9	17.4	
9	1.4		5.5	1.5		10.6	11.2	10.3	10.6	2.6	12.8	19.1	
10	1.1		7.4	5.8		10.0	8.3	7.0	8.7	3.8	13.4	24.4	
11	1.8		4.0	9.8		8.4	10.7	6.5	8.2	6.3	7.9	35.2	
12	11.2		3.2	6.2		8.0	12.7	4.5	7.4	13.9	6.2	34.7	
13	15.2		3.5	7.3		1.9	12.6	6.2	8.6	12.6	16.2	34.3	
14	20.0		4.7	1.6		4.9	12.1		3.6	1.5	9.4	18.2	
15	17.4			2.6		6.7	10.6	6.8	14.2	4.2	6.9	19.6	
16	15.6			5.7		8.0	10.2	8.1	17.1	10.1	14.7	18.8	
17	25.4	12.3		4.9		4.8	10.6	7.1	13.1	13.0	1.8	4.5	
18	32.9	2.7		5.7		4.3	11.7	8.6	6.4	13.9	3.8	9.8	
19	P 39.3	2.1		5.8		5.4	8.6	7.8	3.9	9.6	7.9	11.8	
20	13.4	1.5		5.9		11.2	8.6	6.3	4.5	6.3	18.5	6.8	
21	3.0	2.1		4.0		15.2	13.7	6.0	2.6	1.7	17.8	3.1	
22	1.5	4.2		5.7		7.3	14.8	8.3	4.5	3.1	5.9	8.0	
23	.8	1.2		4.5		8.5	11.3	6.7	5.6	3.7	6.8	2.6	
24	1.4	.9		4.1		7.8	11.9	6.7	3.5	7.2	4.5	7.1	
25		2.0		1.3		10.0	6.0	8.9	4.1	9.4	7.6	31.3	
26		2.9		2.4		12.4	6.0	7.9	5.6	8.7	9.8	21.8	
27		2.6				12.6	5.8	11.2	5.0	6.0	5.0	22.2	
28		4.2				7.4	7.4	9.6	4.3	6.0	4.0	27.7	
29						5.8	6.9	14.2	7.2	6.4	12.0	23.2	
30						10.6	7.2	11.8	5.2	5.6	13.8	7.4	
31							9.4	10.1		7.0		7.4	
NO.:	24	12	14	21	0	22	31	30	30	31	30	31	
MAX:	39.3	12.3	7.4	9.8		15.2	28.4	20.6	43.4	13.9	18.5	35.2	
MEAN:	15.23	3.23	3.96	4.69		8.26	11.53	10.15	10.44	6.08	8.38	15.84	
ANNUAL OBSERVATIONS:		276		ANNUAL MEAN:	9.59	ANNUAL MAX:	43.4	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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-013-0002 POC: 1
 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: 10102-44-0
 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: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	16.6	26.3	6.2	3.3	2.8	15.4	16.8	5.6	8.1	5.7	6.1	14.4
2	21.6	25.2	14.1	3.4	4.3	6.6	7.6	6.8	5.2	3.1	12.2	11.1
3	25.0	25.6	6.5	9.9	9.2	5.3	8.6	13.0	3.2	10.8	12.2	10.7
4	20.6	22.3	9.1	2.9	18.6	3.9	6.1	10.7	4.8	10.5	11.6	7.4
5	19.1	22.9	7.6	8.7	8.7	3.7	13.1	13.8	15.6	13.7	5.4	11.8
6	15.5	22.7	3.7	21.7	4.7	6.7	15.5	6.8	10.7	7.0	12.7	14.0
7	25.0	23.3	6.8	12.3	3.9	6.4	9.7	5.7	15.5	6.1	13.3	21.1
8	12.0	12.0	11.3	2.1	5.4	15.9	4.9	6.1	9.0	8.9	10.6	17.5
9	19.5	19.8	20.3	2.4	6.5	9.5	4.5	4.7	3.6	6.1	9.7	14.6
10	27.5	11.1	10.0	7.4	3.8	5.5	5.9	16.2	5.6	12.6	13.7	13.4
11	13.7	8.9	6.5	7.0	16.7	4.9	10.0	7.0	6.9	14.2	8.1	20.4
12	19.0	5.8	5.4	10.6	5.8	5.1	8.0	5.9	10.6	14.8	11.3	24.0
13	12.4	12.0	11.3	19.0	6.7	5.7	16.7	6.3	6.9	12.6	27.5	
14	12.6	9.0	7.1	4.7	3.1	4.3	6.8	3.6	17.4	10.1	21.7	
15	8.0	22.6	10.0	4.3	5.8	17.8	5.7	7.2	7.6	15.2	19.0	
16	20.0	22.9	19.6	3.6	4.1	5.2	5.9	5.2	8.2	18.2	21.9	
17	11.6	17.9	8.7	9.0	2.9	5.4	9.2	18.3	6.6	10.6	19.0	
18	17.8	10.9	5.0	10.4	14.6	3.3	4.4	6.2	8.7	11.9	18.2	
19	23.0	6.8	7.0	2.7	9.1	6.4	5.4	4.0	8.2	9.3	17.0	
20	19.1	9.4	9.6	14.6	2.6	8.6	21.1	3.5	5.8	15.9	15.8	
21	16.1	10.4	8.0	4.4	3.4	7.0	5.4	12.7	16.1	14.0	12.8	
22	9.4	3.5	9.3	3.8	7.5	18.2	5.4	8.3	5.4	16.9	19.0	
23	27.2	16.5	17.0	5.7	5.9	7.9	4.8	8.7	3.6	12.2	10.8	
24	17.9	6.2	6.8	4.4	5.9	5.6	5.7	14.1	2.0	6.4	15.7	
25	22.4	4.0	4.2	2.7	18.3	6.0	5.8	9.2	8.8	8.3	9.4	
26	12.8	7.1	4.9	4.1	8.5	8.5	12.4	3.9	9.7	11.8	7.8	
27	27.1	7.4	4.5	17.3	2.5	10.2	16.0	5.1	8.7	17.8	17.3	
28	24.2	6.3	6.2	6.4	3.1	5.6	7.0	10.5	18.7	16.7	13.9	
29	24.1		9.1	3.5	4.2	13.7	3.9	11.5	12.2	15.5	10.2	
30	27.4		17.3	8.0	5.0	6.3	4.3	7.8	8.7	16.9	9.5	
31	30.1		5.7		7.2		5.1	18.3			6.6	
NO.:	31	28	31	30	31	30	31	31	30	12	30	31
MAX:	30.1	26.3	20.3	21.7	18.6	18.2	21.1	18.3	18.7	14.8	18.2	27.5
MEAN:	19.30	14.24	8.99	7.34	6.80	7.82	8.44	8.60	8.74	9.46	12.24	15.27
ANNUAL OBSERVATIONS:	346		ANNUAL MEAN:	10.65	ANNUAL MAX:	30.1						

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. 4, 2018

(44201) Ozone

SITE ID: 49-013-0002 POC: 1
 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: 10028-15-6
 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: SLAMS

COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.044	P .080	.049	.044	.053	.056	.061	.059	.057	.045	.041	.032
2	.037	P .076	.051	.041	.052	.061	.060	.053	.060	.041	.041	.034
3	.041	P .086	.053	.051	.053	.064	.060	.057	.058	.039	.040	.041
4	.030	P .078	.054	.053	.053	.061	.061	.057	.060	.051	.034	.036
5	.040	P .078	.048	.052	.047	.058	.059	.054	.061	.052	.038	.031
6	.036	.075	.048	.053	.048	.060	.058	.052	.059	.047	.039	.034
7	.036	.044	.048	.043	.050	.059	.058	.045	.063	.041	.039	.031
8	.039	.047	.042	.052	.056	.056	.056	.048	.056	.047	.041	.031
9	.041	.052	.043	.052	.055	.056	.054	.054	.054	.038	.041	.030
10	.045	.033	.037	.055	.052	.048	.051	.053	.049	.040	.030	.030
11	.044	.042	.045	.053	.053	.044	.055	.054	.052	.045	.043	.029
12	.039	.048	.049	.055	.052	.056	.052	.048	.051	.051	.036	.030
13	.037	.048	.045	.056	.060	.042	.056	.047	.047	.048	.040	.024
14	.040	.046	.048	.061	.059	.052	.058	.048	.035	.045	.043	.041
15	.043	.046	.049	.056	.058	.053	.059	.049	.039	.048	.037	.034
16	.046	.048	.050	.055	.056	.039	.053	.057	.046	.049	.035	.034
17	.045	.046	.054	.046	.054	.044	.053	.058	.049	.048	.039	.030
18	.048	.032	.052	.041	.049	.047	.054	.056	.052	.051	.037	.025
19	.050	.026	.049	.057	.039	.041	.047	.054	.046	.048	.036	.028
20	.053	.036	.044	.056	.048	.050	.056	.050	.048	.045	.032	.039
21	.055	.038	.042	.055	.049	.056	.051	.048	.047	.044	.032	.038
22	.048	.050	.043	.057	.050	.056	.056	.050	.045	.040	.029	.027
23	.039	.049	.045	.055	.052	.060	.059	.049	.040	.042	.035	.044
24	.047	.044	.048	.050	.048	.061	.055	.050	.046	.048	.036	.036
25	.048	.045	.044	.044	.059	.055	.046	.052	.038	.048	.035	.041
26	.047	.050	.049	.047	.054	.055	.050	.047	.044	.042	.033	.035
27	.050	.047	.044	.060	.047	.053	.056	.054	.046	.038	.033	.031
28	.052	.048	.044	.054	.050	.052	.057	.060	.047	.043	.041	.034
29	.068		.049	.049	.054	.059	.054	.054	.046	.043	.033	.030
30	P .076		.042	.050	.056	.053	.054	.053	.041	.032	.032	.039
31	P .084		.046				.058	.044		.034		.039
NO.:	31	28	31	30	30	30	31	31	30	31	30	31
MAX:	.084	.086	.054	.061	.060	.064	.061	.060	.063	.052	.043	.044
MEAN:	.0467	.0514	.0469	.0518	.0522	.0536	.0554	.0521	.0494	.0443	.0367	.0335
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	.0478		ANNUAL MAX:	.086		7 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									7 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	8.0	26.3	2.3	1.2	2.3	6.5	13.5	7.2	10.4	3.1	5.7	4.4
2	6.1	27.1	4.1	2.6	3.2	4.3	15.4	9.4	14.1	1.4	5.5	4.6
3	4.6	31.8	3.9	2.1	6.0	4.9	11.9	14.8	12.5	2.8	4.9	
4	8.2	P 40.6	3.6	2.8	5.4	5.8	11.0	19.1	11.4	5.4	3.2	
5	3.1	29.9	3.8	3.8	5.0	8.3	12.4	9.8	28.8	4.9	1.6	4.1
6	4.2	31.4	.5	5.6	6.6	7.3	11.4	10.0	28.2	4.4	3.1	3.9
7	5.0	11.5	1.0	3.8	5.9	7.5	12.4	9.5	33.9	4.0	4.6	4.9
8	6.1	1.6	1.3	3.6	6.4	7.5	8.8	10.7	21.2	4.6	6.2	5.9
9	7.2	8.4	2.9	1.3	5.5	8.7	8.2	7.5	12.3	2.8	5.5	6.3
10	3.3	5.5	4.5	6.1	5.0	7.4	10.1	3.8	8.0	4.3	4.5	8.9
11	2.6	4.9	3.4	7.4	6.0	5.2	11.3	4.2	5.8	4.0	3.7	7.6
12	2.2	2.9	3.8	5.7	5.1	14.0	11.8	3.4	5.5	8.6	3.8	10.3
13	4.2	3.9	4.1	5.2	7.0	4.5	8.2	4.3	4.8	8.1	4.3	11.0
14	5.0	5.2	3.7	6.5	5.6	3.9	8.0	4.8	2.9	2.4	4.0	10.8
15	2.1	5.6	4.6	3.1	4.9	3.3	6.0	6.3	3.9	3.7	6.8	8.0
16	5.2	6.4	4.6	3.7	4.5	4.6	7.3	6.3	11.9	4.0	11.5	9.2
17	5.6	6.7	4.0	4.3	2.4	4.3	6.8	6.6	8.0	4.7	12.6	6.6
18	4.6	3.0	4.7	2.9	1.6	3.6	6.5	6.7	6.3	5.9	6.8	6.1
19	5.6	4.8	5.2	1.7	1.9	3.8	9.2	5.6	3.6	5.4	3.0	8.0
20	8.5	4.0	4.2	4.0	3.1	5.9	6.0	4.9	4.1	7.5	5.8	5.3
21	8.5	2.2	4.6	.6	3.7	7.3	5.5	4.8	4.6	4.7	4.6	2.8
22	4.7	.5	4.5	1.6	4.5	7.7	8.2	6.9	2.9	4.2	4.4	7.8
23	5.1	2.0	.9	1.8	4.4	5.0	7.8	4.1	3.7	4.7		5.3
24	4.2	1.8	2.2	1.3	3.6	5.1	5.1	3.1	1.6	3.8		3.8
25	4.2	2.9	2.6	.5	10.4	7.8	3.0	5.4	2.9	4.4	6.2	3.8
26	4.5	3.5	1.6	.5	5.3	9.8	5.6	5.4	4.3	3.9	5.1	3.4
27	6.3	2.9	1.7	1.9	2.8	8.0	6.8	7.6	5.3	4.8	10.7	5.6
28	9.2	1.1	2.4	2.6	3.3	6.6	5.7	12.5	4.3	6.4	6.5	4.2
29	10.8		3.0	1.7	4.7	5.5	3.6	9.1	4.6	4.1	2.2	4.5
30	19.1		2.7	2.9	6.5	7.3	5.4	7.6	4.8	4.2	4.3	2.1
31	32.3		1.9		6.1		7.5	6.3		4.3		1.2
NO.:	31	28	31	30	31	30	31	31	30	31	28	29
MAX:	32.3	40.6	5.2	7.4	10.4	14.0	15.4	19.1	33.9	8.6	12.6	11.0
MEAN:	6.78	9.94	3.17	3.09	4.80	6.38	8.40	7.35	9.22	4.56	5.40	5.88
ANNUAL OBSERVATIONS:		361		ANNUAL MEAN:	6.23	ANNUAL MAX:	40.6					

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. 4, 2018

(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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.3	52.1	6.7	6.3	3.7	12.6	34.6	11.4	14.6	5.4	12.6	8.1
2	13.7	38.0	7.4	4.7	4.4	6.4	64.5	13.6	17.9	4.9	7.5	11.5
3	12.4	46.0	18.6	3.5	10.1	7.0	30.0	35.2	16.9	7.2	8.7	
4	16.4	62.1	9.5	4.1	8.3	7.1	18.0	37.1	15.6	7.9	5.4	
5	15.6	42.5	9.7	5.2	7.9	24.6	17.8	11.9	51.7	8.1	3.4	27.9
6	13.1	47.2	5.3	11.1	9.9	9.7	15.9	13.8	31.1	8.2	7.6	9.1
7	13.7	33.7	2.4	7.0	7.8	10.7	18.8	13.2	39.8	5.2	17.3	9.5
8	8.4	5.6	2.8	6.3	8.8	14.2	13.5	16.1	39.1	14.5	10.2	16.3
9	12.8	22.8	5.9	3.1	7.0	13.7	11.1	12.3	14.6	5.9	13.5	13.0
10	8.2	9.9	9.5	11.5	7.7	27.5	14.0	8.2	13.9	29.2	7.8	24.2
11	6.4	13.8	8.7	11.9	7.7	15.1	15.2	8.3	7.4	27.6	6.8	13.3
12	8.2	10.3	9.5	9.1	6.9	95.8	17.7	4.9	9.8	20.6	9.9	20.7
13	14.0	9.6	10.2	9.2	11.4	33.5	13.3	5.5	8.3	13.1	10.6	20.4
14	13.4	7.9	8.3	9.4	7.6	6.7	10.6	6.2	5.9	8.5	8.8	19.9
15	5.7	12.9	10.0	4.8	7.2	4.9	9.6	8.0	6.5	6.3	19.5	11.6
16	12.0	13.7	8.5	4.9	6.8	6.5	11.6	10.2	20.6	12.4	31.0	14.6
17	9.3	10.4	6.6	8.5	5.1	7.1	10.4	8.2	10.7	11.4	38.6	13.2
18	6.4	6.5	7.8	5.1	3.2	6.7	11.4	9.2	12.0	11.7	36.6	8.8
19	7.7	8.1	10.1	4.1	3.2	7.2	17.6	8.5	6.0	20.9	8.0	18.8
20	11.0	7.5	15.6	8.1	6.7	16.4	10.3	7.6	6.3	22.4	10.7	12.9
21	10.9	9.1	7.3	1.4	8.3	9.9	8.8	7.4	11.4	44.4	11.8	9.0
22	8.4	3.1	9.6	5.9	9.0	13.7	11.5	11.6	3.9	10.7	8.6	16.1
23	10.1	11.4	5.0	5.8	8.2	8.1	12.0	8.7	5.3	11.4		11.6
24	9.3	4.6	4.2	2.4	8.9	7.7	7.7	5.9	3.2	6.4		14.1
25	10.4	4.5	4.2	1.6	24.4	36.1	5.3	7.3	9.6	10.6	13.6	9.2
26	9.3	7.5	3.1	1.8	14.2	64.3	9.0	8.5	15.7	6.1	9.8	6.3
27	12.6	5.7	2.5	4.0	10.2	16.4	12.7	10.8	9.6	8.6	77.9	12.3
28	17.7	2.8	5.1	3.8	6.2	21.0	17.6	18.4	5.6	16.2	31.6	10.3
29	22.1		5.8	3.1	6.0	7.6	7.6	11.7	9.1	10.2	6.6	9.3
30	48.0		5.1	4.2	16.4	27.3	9.6	10.9	6.5	12.0	12.2	5.7
31	44.9		5.0		10.0		9.8	10.3		7.2		2.8
NO.:	31	28	31	30	31	30	31	31	30	31	28	29
MAX:	48.0	62.1	18.6	11.9	24.4	95.8	64.5	37.1	51.7	44.4	77.9	27.9
MEAN:	13.85	18.19	7.42	5.73	8.49	18.18	15.40	11.64	14.29	12.75	15.95	13.12
ANNUAL OBSERVATIONS:	361		ANNUAL MEAN:		12.85	ANNUAL MAX:		95.8				

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

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: 10102-44-0
 LATITUDE: 40.2167789200
 LONGITUDE: -110.18274169
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	6.7	23.8	7.7	6.8	17.5	18.5	22.7	15.4	21.2			
2	13.6	19.1	11.1	4.4	17.4	18.2	18.7	13.2	18.4			
3	9.8	15.5	8.9	3.4	25.7	21.8	16.5	15.5	22.2			
4	12.3	15.3	6.8	3.0	23.9	17.6	16.6	16.1	14.6			
5	6.9	13.6	10.2	9.9	25.3	16.8	14.4	17.5	22.2			
6	10.8	15.2	1.8	7.1	25.1	17.1	14.2	16.8	18.0			
7	14.1	14.9	3.4	8.4	19.2	15.0	14.5	15.8	23.6			
8	10.1	6.1	4.7	7.9	23.5	16.3	22.8	17.1	19.2			
9	16.7	12.6	4.5	2.8	22.2	24.1	12.4	21.0	17.2			
10	11.7	8.6	4.4	7.5	21.2	14.4	10.7	15.1	13.1			
11	10.1	6.0	3.3	6.1	25.0	13.8	17.7	15.2	16.6			
12	6.3	6.4	4.0	4.8	22.9	24.9	17.2	13.7	15.2			
13	9.1	8.5	5.0	12.3	24.3	19.8	21.2	13.9	23.6			
14	6.3	6.3	5.8	5.0	18.7	18.6	13.9	19.3	21.2			
15	5.9	12.9	10.2	3.8	28.7	21.5	15.0	18.8	5.0			
16	12.8	8.9	7.0		22.3	13.1	16.4	18.9	8.5			
17	9.2	7.6	5.8		21.1	14.6	11.5	19.7	14.9			
18	9.5	5.5	10.0	42.2	24.4	22.0	10.4	18.3	6.9			
19	14.6	6.1	7.7	19.4	19.1	19.2	10.8	19.3	3.8			
20	10.8	6.8	7.6	17.9	24.7	13.0	11.2	16.2	16.3			
21	9.4	7.7	7.7	17.5	29.0	13.2	13.6	12.6	10.3			
22	8.8	5.0	6.4	25.2	19.0	14.2	13.7	15.0	2.2			
23	11.2	6.3	4.8	29.4	24.3	22.4	13.6	14.5	3.4			
24	9.9	6.9	5.5	25.6	24.5	25.2	14.1	16.8	3.0			
25	8.7	2.4	5.0	17.8	24.4	23.0	12.5	23.1	6.6			
26	9.2	15.6	3.7	17.1	24.4	15.4	14.8	20.0	6.9			
27	12.3	6.7	4.0	17.8		17.4	13.0	16.8	6.3			
28	21.0	2.2	5.4	26.8		24.8	14.5	17.3	5.2			
29	13.5		5.4	18.6		26.1	15.6	16.9	6.2			
30	15.3		11.0	25.7		33.2	14.0	14.4	4.4			
31	15.1		5.1		22.6		18.0	18.3				
NO.:	31	28	31	28	27	30	31	31	30	0	0	0
MAX:	21.0	23.8	11.1	42.2	29.0	33.2	22.8	23.1	23.6			
MEAN:	11.02	9.73	6.25	14.08	22.98	19.17	15.04	16.85	12.54			
ANNUAL OBSERVATIONS:		267		ANNUAL MEAN:	14.09	ANNUAL MAX:	42.2					

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. 4, 2018

(44201) Ozone

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: 10028-15-6
 LATITUDE: 40.2167789200
 LONGITUDE: -110.18274169
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.046	.068	.048	.044	.051	.056	.059	.055	.055			
2	.037	P .076	.050	.041	.052	.059	.058	.052	.055			
3	.040	P .081	.051	.050	.053	.062	.060	.057	.054			
4	.030	P .083	.053	.053	.053	.059	.059	.054	.057			
5	.037	.071	.049	.052	.046	.057	.059	.052	.058			
6	.037	.074	.047	.053	.045	.060	.057	.048	.056			
7	.037	.054	.048	.044	.050	.058	.057	.045	.060			
8	.037	.046	.041	.052	.052	.054	.056	.047	.053			
9	.040	.053	.042	.051	.055	.057	.055	.050	.052			
10	.044	.034	.040	.055	.053	.047	.052	.051	.047			
11	.042	.044	.046	.054	.051	.044	.051	.049	.050			
12	.038	.049	.051	.056	.049	.052	.050	.044	.050			
13	.038	.052	.045	.058	.058	.037	.053	.046	.043			
14	.037	.050	.048		.057	.051	.054	.045	.037			
15	.040	.050	.050	.056	.058	.051	.057	.047	.041			
16	.049	.048	.049		.054	.038	.051	.055	.045			
17	.048	.043	.056		.051	.041	.049	.055	.047			
18	.048	.032	.053		.047	.045	.051	.053	.051			
19	.050	.030	.050	.054	.036	.041	.047	.051	.044			
20	.050	.035	.043	.054	.047	.047	.052	.047	.045			
21	.054	.040	.043	.054	.048	.054	.049	.047	.046			
22	.048	.050	.043	.052	.049	.054	.052	.049	.044			
23	.042	.049	.043	.053	.050	.062	.057	.046	.041			
24	.051	.044	.048	.048	.046	.061	.052	.048	.042			
25	.051	.045	.045	.044	.056	.054	.045	.051	.037			
26	.053	.047	.049	.045	.052		.047	.045	.042			
27	.053	.046	.043	.056		.050	.054	.050	.045			
28	.058	.047	.045	.050		.051	.053	.059	.046			
29	.071		.049	.046		.056	.052	.053	.046			
30	P .088		.042	.046		.053	.051	.051	.040			
31	P .088		.047		.058		.053	.042				
NO.:	31	27	31	26	27	29	31	31	30	0	0	0
MAX:	.088	.083	.056	.058	.058	.062	.060	.059	.060			
MEAN:	.0478	.0515	.0470	.0508	.0510	.0521	.0533	.0498	.0476			
ANNUAL OBSERVATIONS:	263		ANNUAL MEAN:	.0501	ANNUAL MAX:	.088	5 Values marked with 'P' exceed the PRIMARY STANDARD of: .076					
							5 Values marked with 'S' exceed the SECONDARY STANDARD of: .076					

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. 4, 2018

(14129) Lead (TSP) LC

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: 7439-92-1
 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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (191) Hi-Vol Inductively Coupled Plasma-
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .00002

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.103			.030	.012							
2			.088									
3												
4												
5												
6		.005				.046						
7	.029			.011	.006							
8			.086									
9												
10												
11												
12		.073				.008						
13	.047			.010	.005							
14			.075									
15												
16												
17												
18		.004				.008						
19	.129			.007	.005							
20			.050									
21												
22												
23												
24		.016				.021						
25	.033			.030	.004							
26			.019									
27												
28												
29												
30						.012						
31	.116				.007							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	.129	.073	.088	.030	.012	.046						
MEAN:	.0762	.0245	.0636	.0176	.0065	.0190						
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:		.0353	ANNUAL MAX:		.129				

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. 4, 2018

(14129) Lead (TSP) LC

SITE ID: 49-035-1001 POC: 2
 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: 7439-92-1
 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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (191) Hi-Vol Inductively Coupled Plasma-
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .00002

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				.027								
2												
3												
4												
5												
6												
7	.038				.006							
8			.115									
9												
10												
11												
12		.076				.008						
13				.008								
14												
15												
16												
17												
18												
19	.148				.005							
20												
21												
22												
23												
24		.016				.020						
25				.032								
26												
27												
28												
29												
30												
31	.134				.007							
NO.:	3	2	1	3	3	2	0	0	0	0	0	0
MAX:	.148	.076	.115	.032	.007	.020						
MEAN:	.1067	.0460	.1150	.0223	.0060	.0140						
ANNUAL OBSERVATIONS:	14		ANNUAL MEAN:	.0457	ANNUAL MAX:	.148						

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. 4, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 49-035-1001 POC: 3
 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: SLAMS

COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	31	27	8	5	7	23	25	25	31	6	23	20
2	7	38	13	6	7	14	28	29	33	4	39	27
3	11	33	16	6	8	21	29	39	30	10	25	16
4	12	8	18	5	16	21	47	31	27	16	9	4
5	5	6		13	21	34	38	30	56	11	4	10
6		11	3	15	23	30	37	37	73	13	6	9
7		5	7	32	17	27	37	25	49	15	4	14
8	16	13	9	5	12	43	36	23	31	11	16	23
9	3	10	9	3	14	38	29	33	16	6	25	27
10		6	11	8	17	19	29	24	13	15	19	33
11	3	2	8	12	24	30	23	19	21	10	10	36
12	4	8	7	15	53	24	26	18	29	21	16	35
13	16	12	18	40	11	7	32	17	27	25	23	34
14	19	21	17	4	9	14	31	38	17	9	10	24
15	21	31	18	3	12	18	23	15	18	11	18	29
16	17	23	15	12	9	18	30	22	28	22	62	21
17	31	25	20	16	3	11	41	26	23	26	3	6
18	39	6	32	7	1	8	33	23	24	29	6	16
19	36	4	16	6	3	18	30	26	8	29	12	20
20	18	6	33	7	6	30	20	23	19	64	26	P 170 +
21	5	9	50	3	4	39	24	26	3	6	27	9
22	3	3	18	6	7	17	25	22	6	8	13	14
23	2	3	4	11	11	19	29	21	5	5	15	8
24	4	4	7	7	17	14	24	20	4	10	8	11
25	4	5	3	2	15	15	12	27	9	20	11	30
26	7	7	4	6	11	27	14	20	10	14	27	25
27	17	4	4	5	5	69	15	23	11	12	17	29
28	19	10	4	3	8	24	21	29	15	12	9	32
29	33		8	5	12	17	18	44	16	14	12	42
30	42		5	6	24	16	20	45	9	23	19	13
31	44		2		28		23	32		18		7
NO.:	28	28	30	30	31	30	30	31	30	31	30	31
MAX:	44.	38.	50.	40.	53.	69.	47.	45.	73.	64.	62.	170.
MEAN:	16.8	12.1	12.9	9.1	13.4	23.5	27.5	27.0	22.0	16.3	17.1	25.6
ANNUAL OBSERVATIONS:	360		ANNUAL MEAN:	18.7	ANNUAL MAX:	170.	1 Values marked with 'P' exceed the PRIMARY STANDARD of: 155					
							1 Values marked with 'S' exceed the SECONDARY STANDARD of: 155					

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. 4, 2018

(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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	26.9	20.6	2.5		2.8	6.8	7.7	7.7	11.0	2.3	4.9	14.2
2	6.2	30.1	4.4		3.0	5.2	6.6	9.7	13.5	1.4	5.7	18.4
3	9.7	24.6	5.6		2.9	7.2	7.6	13.4	11.9	2.6	4.4	3.8
4	10.3	3.6	2.7		5.2	7.6	20.3	9.4	9.5	3.2	2.9	.9
5	3.1	2.7		3.4	5.4	6.8	13.3	10.1	27.1	3.0	2.5	5.6
6	16.8	2.8	1.0	3.5	5.3	7.3	10.0	17.3	P 37.1 +	3.4	1.8	5.8
7	26.4	1.5	1.5	4.7	4.7	7.7	18.6	9.0	18.7	2.8	1.5	6.6
8	13.9	2.9	2.4	2.1	4.3	8.0	12.4	9.9	7.8	2.0	6.2	13.8
9	1.4	2.0	2.7	3.2	5.1	7.5	10.2	7.8	6.6	2.0	10.0	19.4
10	1.1	2.1	3.3	3.5	5.5	3.8	9.3	5.9	5.1	3.1	8.6	25.8
11	2.7	1.7	3.2	5.9	6.3	5.6	5.9	5.9	6.3	4.2	5.8	32.6
12	3.5	4.4	2.7	5.0	8.3	4.6	9.3	1.9	6.5	7.1	8.0	31.3
13	13.3	7.2	3.2	6.9	2.9	2.6	8.8	5.0	4.6	8.1	10.7	29.0
14	16.4	12.4	3.5	1.2	2.8	4.3	9.5	9.3	2.2	1.9	3.6	18.2
15	19.0	17.8	3.7	1.9	3.6	6.4	7.6	5.5	11.5	3.9	4.1	20.1
16	14.7	11.8	3.5	5.0	3.3	4.9	8.1	6.3	14.2	7.5	6.3	17.4
17	24.4	8.8	5.4	3.5	1.2	3.5	11.2	7.8	11.8	8.8	1.3	3.9
18	32.0	1.8	5.1	2.2	1.0	2.5	9.9	8.2	5.9	9.3	3.3	
19	31.1	1.8	4.0	3.3	1.4	6.0	6.5	7.2	3.2	7.2	8.2	10.9
20	16.4	1.3	6.5	3.4	3.1	7.4	3.5	6.1	3.5	5.0	17.9	21.7
21	3.0	1.3	7.8	2.0	2.3	10.9	8.3	5.8	1.0	2.3	13.7	2.0
22	1.0		3.6	3.3	7.5	3.4	9.5	4.9	2.9	2.2	5.0	5.1
23	1.2	.9	2.7	4.0	4.2	5.0	9.9	3.8	3.2	1.9	8.6	2.6
24	2.2	1.4	2.8	2.6	4.1	4.7	7.0	4.0	2.3	3.2	3.3	7.2
25	2.9	2.2	1.4	1.0	2.9	5.6	4.3	5.8	3.3	5.2	5.3	25.2
26	5.6	3.9	1.8	2.3	3.1	7.0	4.8	5.3	3.7	4.1	10.7	21.3
27	14.6		1.7	1.7	2.8	19.7	5.2	8.0	4.2	3.5	2.3	21.7
28	14.7		2.0	1.4	3.8	7.3	5.4	8.8	5.1	4.6	3.8	23.8
29	27.8			2.8	4.7	5.5	5.5	9.3	5.3	5.1	6.4	28.3
30	34.2			3.8	6.4	5.5	5.6	8.3	4.0	5.3	10.7	6.2
31	P 36.9				7.4		6.8	7.4		5.7		3.9
NO.:	31	25	27	25	31	30	30	31	30	31	30	30
MAX:	36.9	30.1	7.8	6.9	8.3	19.7	20.3	17.3	37.1	9.3	17.9	32.6
MEAN:	13.98	6.86	3.36	3.16	4.11	6.34	8.76	7.57	8.43	4.25	6.25	14.89
ANNUAL OBSERVATIONS:	351		ANNUAL MEAN:		7.43		ANNUAL MAX:		37.1			

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: 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. 4, 2018

(42101) Carbon monoxide

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:

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

CAS NUMBER: 630-08-0
 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: (593) INSTRUMENTAL Gas Filter Correlatio
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG END HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .02

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.500		.500	.300	.300	.300	.200	.200	.400	.300		.800
2	.600	.800	.400	.300	.300	.200	.400	.300	.400	.300		.700
3	1.200	1.100	.500	.500	.300	.300	.300	.300	.400	.600		.700
4	.500	.400	.300	.300	.400	.200	.200	.300	.400	.300		.200
5	.400	.500	.100	.500	.400	.200	.300	.200	.500	.500		.600
6	.700	.300	.300	.300	.300	.300	.400	.300	.600	.400		.900
7	1.300	.200	.400	.200	.200	.200	.200	.300	.600	.300		.700
8	.900	.600	.400	.200	.200	.200	.200	.300	.400	.300		.900
9	.500	.300	.400	.200	.200	.200	.200	.200	.300	.400		.900
10	.600	.300	.400	.500	.200	.200	.300	.200	.300	.500		1.000
11	.400	.300	.300	.400	.300	.200	.200	.200	.500	.400		1.000
12	.400	.300	.400	.400	.300	.200	.200	.200	.400	.400		.800
13	.500	.700	.800	.400	.200	.200	.400	.200	.300	.600		.800
14	.400	.700	.500	.200	.300	.200	.300	.400	.300	.400		.900
15	.300	.800	.600	.300	.300	.300	.200	.200	.300	.300		1.000
16	.400	.800	.300	.300	.200	.200	.200	.300	.400	.700	.400	.800
17	1.000	.600	.600	.300	.200	.200	.400	.400	.400	.700	.200	.400
18	1.000	.200	.400	.400	.200	.200	.400	.400	.400	.800	.300	.900
19	1.700	.400	.300	.200	.200	.300	.300	.300	.200	.700	.700	1.000
20	1.300	.400	.600	.300	.200	.300	.300	.300	.400	.400	.900	.700
21	.900	.200	.300	.200	.200	.300	.300	.300		.400	.800	.300
22	.900	.300		.300	.300	.500	.200	.400	.200	.500	.800	.600
23	.400	.200	.500	.300	.300	.200	.200	.200	.400	.600	.900	.700
24	.300	.200	.500	.400	.300	.200	.300	.300	.200	.600	.600	.500
25	.300	.300	.300	.300	.200	.200	.200	.300		.700	.600	.800
26	.400	.400	.400	.300	.300	.300	.200	.300	.500		.800	1.100
27	.600	.300	.300	.200	.200	.200	.200	.300	.300		.300	1.200
28	.500	.400	.400	.200	.200	.300	.400	.500			.600	1.300
29	.600		.500	.200	.300	.200	.200	.500	.300		.800	1.500
30	.600		.400	.300	.300	.100	.200	.300	.300		.800	1.100
31	.500		.300		.300		.400	.300				.900
NO.:	31	27	30	30	31	30	27	31	27	25	15	31
MAX:	1.700	1.100	.800	.500	.400	.500	.400	.500	.600	.800	.900	1.500
MEAN:	.6645	.4444	.4133	.3067	.2613	.2367	.2630	.2968	.3741	.4840	.6333	.8290
ANNUAL OBSERVATIONS:	335		ANNUAL MEAN:	.4272	ANNUAL MAX:	1.700						

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. 4, 2018

(42401) Sulfur dioxide

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:

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

CAS NUMBER: 7446-09-5
 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: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	1.6	3.1	.0	.4	.3	.3	.4	.8		.6		2.2
2	2.1	2.1	.0	.2	.2	3.3	.2	1.0		.7		1.7
3	1.1	1.6	.3		.4	.9		.7		2.8		1.0
4	.6	1.6	.0	.6	.5	.6	.7	.5		.7		
5	1.1	1.2	.0	.6	.4	.8	.2	.5		2.6		1.9
6	2.6	1.6	.4	.2	.6	.8	1.1	2.1		1.1		2.1
7	2.5	.1	.0	.3	.4	.3	.8	.7		.6		1.6
8	2.0	.2	.0	.3	1.1	.3	.1	.4		.9		1.6
9	2.3	.9	.1	.3	1.6	1.3	.2	.7		1.7		1.8
10	.3	1.4	.3	.3	1.0	1.1	.1	.9		1.1		2.8
11	.2	.2	.3	.6	.2	.9	.3	.8		1.2		3.3
12	.9	1.2	.2	.2	.4	.2	.2	.3		1.5		2.6
13	1.6		.3	.1	.5	.3	.4	.5		1.9		2.2
14	1.3		.5	.7	.4	1.2	.6	1.4		.6		2.7
15	1.4		.5	.3	.7	1.6	.1	1.4		2.9		2.3
16	1.9		.5	.8	.1	.5	.7	.4		3.9	.7	1.5
17	1.4		.6	.4	.1	.8	.4	.5		2.4	1.0	.6
18	1.4		.4	.8	.8	1.1		.8		2.7	1.9	2.3
19	2.4		.7	.6	.8	1.6		.2		2.3	1.6	2.9
20	2.0		1.0	.8	.3	.8		.8		.8	2.8	1.0
21	.4		.1	.4	.2	.5		1.1		.8	1.8	.6
22	1.4		.3	.2	1.1	1.0		.4		.7	1.8	1.1
23	1.9		.1	.8	.5	.3		.0		1.1	.8	.3
24	.8		.5	.2	.8	.6		.4		2.2	2.0	1.6
25	.9		.1		1.1	.7		.4	1.1	2.2	2.6	1.3
26	1.4		.3	.1	1.8	.1		.4	2.4	2.5	2.4	3.1
27	1.6	1.1	.2	.2	.9	.2		1.8	.7	2.3	.6	3.5
28	1.0	.1	1.9	.4	1.1	1.2			1.6	2.0	1.5	3.1
29	1.5		.7	1.7	1.6	.4			.7	1.1	2.3	3.1
30	1.9		.2	.4	.4	1.1			.6		2.9	1.9
31	1.9		.5		.2							1.9
NO.:	31	14	31	28	31	30	16	27	6	29	15	30
MAX:	2.6	3.1	1.9	1.7	1.8	3.3	1.1	2.1	2.4	3.9	2.9	3.5
MEAN:	1.46	1.17	.35	.46	.66	.83	.41	.74	1.18	1.65	1.78	1.99
ANNUAL OBSERVATIONS:		288		ANNUAL MEAN:	1.04	ANNUAL MAX:	3.9					

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. 4, 2018

(42401) Sulfur dioxide

SITE ID: 49-035-3006 POC: 2
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 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: 7446-09-5
 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: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 5 MINUTE

UNITS: Parts per billion

MIN DETECTABLE: .2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	2.4	3.4	.1	.7	.4	.3	.8	.9		.9		2.5
2	1.2	2.6	.1	2.3	.4	1.6	1.8	2.8		.8		2.1
3	1.3	1.4	.6		.7	1.2		.9		5.0		1.0
4	.8	.3	.2	1.2	.6	.9	1.6	.8		1.0		
5	1.5	.4	.3	1.0	2.2	.9	.5	.8		4.7		2.1
6	3.9	.6	1.1	1.1	.9	1.3	1.6	3.4		1.6		2.8
7	4.7	.1	.1	.6	1.1	.4	1.6	1.5		.7		2.2
8	2.4	.3	.2	.6	1.5	.2	.7	.7		1.1		3.6
9	.5	.1	.5	.7	2.7	3.3	.2	1.0		2.1		3.4
10	.9	.5	.7	.6	1.9	3.1	.2	1.4		1.4		3.5
11	.5	.5	.6	.8	1.1	1.6	.6	1.2		2.0		3.7
12	.6	1.1	.6	.3	1.4	.4	.4	.6		1.3		2.6
13	1.4		.4	.7	.7	.6	.4	.9		2.3		2.5
14	1.6		.9	1.4	1.0	1.9	.9	2.2		.7		3.0
15	1.8		.7	.6	.9	2.0	1.0	1.8		3.7		3.1
16	2.2		.7	1.1	.5	1.6	1.0	.8		5.8	1.0	3.6
17	1.2		1.0	.7	.3	1.3	.9	.8		2.7		.9
18	1.8		.8	1.4	1.1	2.0		1.4		3.2	.4	
19	3.6		1.5	.9	1.5	2.2		.4		2.9	2.2	3.3
20	1.9		1.4	1.5	.9	1.8		1.0		1.6	3.3	1.1
21	.4		.7	1.6	.5	1.2		1.6		1.0	1.8	1.2
22	1.0		.9	.7	2.2	1.7		.7		.9	2.6	2.3
23	.5		.7	1.4	1.0	1.2		.1		1.4	1.5	1.7
24	1.2		.9	.4	1.8	1.0		.9		2.5	3.0	3.3
25	2.1		.5		2.1	.9		.7		2.4	1.4	1.8
26	2.2		.9	.2	4.2	.2		.5	2.8	3.2	2.7	3.5
27	1.0	.0	.3	.4	3.1	.3		2.3	.8	2.6	1.2	4.5
28	1.2	.2	3.6	1.6	2.4	1.8			.7	2.8	1.7	3.3
29	1.7		1.3	2.9	1.9	.6			1.3	1.3	3.0	3.8
30	1.7		.7	1.2	.7	1.5			.8		3.4	2.6
31	3.1				.5							2.4
NO.:	31	14	30	28	31	30	16	27	5	29	14	29
MAX:	4.7	3.4	3.6	2.9	4.2	3.3	1.8	3.4	2.8	5.8	3.4	4.5
MEAN:	1.69	.82	.77	1.02	1.36	1.30	.89	1.19	1.28	2.19	2.09	2.67
ANNUAL OBSERVATIONS:	284		ANNUAL MEAN:	1.48	ANNUAL MAX:	5.8						

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

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:

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

CAS NUMBER: 10102-44-0
 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: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	48.0	25.0	41.0	25.0	23.0	27.0	20.0	30.0	28.0	16.0	48.0	
2	46.0	43.0	42.0	21.0	31.0	16.0	11.0	32.0	22.0	26.0	40.0	
3	50.0	37.0	42.0	27.0	25.0	17.0			15.0	33.0	37.0	
4	49.0	34.0	22.0	39.0	30.0	15.0	12.0	17.0	22.0	37.0	22.0	
5	51.0	34.0	3.0	44.0	30.0	12.0	21.0	10.0	31.0	31.0	28.0	
6	58.0	11.0	12.0	38.0	14.0	24.0	28.0	19.0	35.0	28.0	29.0	
7		11.0	38.0	8.0	15.0	26.0	24.0	20.0	42.0	27.0	35.0	
8	58.0	40.0	32.0	16.0	13.0	23.0	13.0	26.0	34.0	22.0	42.0	
9	43.0	26.0	27.0	13.0	22.0	18.0	13.0	21.0	23.0	33.0	44.0	
10	31.0	33.0	29.0	33.0	21.0	8.0	13.0	11.0	14.0	38.0	47.0	
11	40.0	29.0	24.0	41.0	27.0	12.0	11.0	22.0	25.0	49.0	36.0	
12	42.0	38.0	28.0	43.0	24.0	10.0	20.0	10.0	31.0	32.0	41.0	
13	42.0	40.0	37.0	19.0	10.0	13.0	25.0	15.0	26.0	39.0		
14	38.0	44.0	35.0	26.0	26.0	16.0	22.0	27.0	11.0	26.0	39.0	
15	16.0	46.0	45.0	26.0	26.0	22.0	14.0	14.0	19.0	32.0	41.0	
16	47.0	39.0	39.0	30.0	15.0	21.0	8.0	30.0	20.0	46.0	9.0	
17	51.0	33.0	36.0	13.0	12.0	19.0	23.0	37.0	17.0	50.0		
18	55.0	21.0	33.0	35.0	20.0	7.0		29.0	31.0	51.0		
19		25.0	26.0	21.0	11.0	16.0		22.0	19.0	51.0		
20	35.0	23.0	38.0	24.0	18.0	20.0	12.0	13.0	29.0	32.0		
21	41.0	11.0	35.0	19.0	13.0	24.0	14.0	22.0		32.0		
22	40.0	23.0	29.0	31.0	23.0	17.0	11.0	31.0		35.0		
23	37.0	25.0	37.0	27.0	21.0	21.0	13.0	25.0		29.0		
24	22.0	11.0	33.0	34.0	25.0	18.0	19.0	32.0	16.0	39.0		
25	23.0	37.0	24.0	22.0	11.0	12.0	14.0	32.0	20.0	49.0		
26	30.0	38.0	28.0	22.0	29.0	14.0	13.0	23.0	34.0	53.0		
27	49.0	37.0	24.0	11.0	13.0	14.0	18.0	19.0	25.0	33.0		
28	50.0	42.0	31.0	19.0	15.0	22.0	31.0	31.0	17.0	33.0		
29	49.0		35.0	13.0	23.0	11.0	19.0	33.0	26.0	41.0		
30	47.0		36.0	29.0	19.0	7.0	10.0	29.0	26.0	26.0		
31	45.0		25.0		25.0		31.0	27.0		37.0		
NO.:	29	28	31	30	31	30	28	30	27	31	15	0
MAX:	58.0	46.0	45.0	44.0	31.0	27.0	31.0	37.0	42.0	53.0	48.0	
MEAN:	42.52	30.57	31.16	25.63	20.32	16.73	17.25	23.63	24.37	35.68	35.87	
ANNUAL OBSERVATIONS:	310		ANNUAL MEAN:	27.26	ANNUAL MAX:	58.0						

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. 4, 2018

(44201) Ozone

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:

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

CAS NUMBER: 10028-15-6
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.026		.047	.045	.050	.054	P .083	.071	.063	.040	.032	.015
2	.021		.044	.039	.045	.058	.066	.069	P .083	.037	.039	.016
3	.022		.038	.054	.051	.074	.066	.064	.073	.042	.041	.040
4	.037		.054	.050	.062	.057	.071	.065	P .076	.044	.041	
5	.035		.054	.051	.049	.060	.065	.061	P .079	.039	.030	.024
6	.028		.047	.048	.052	.073	P .083	.059	P .076	.037		.013
7	.016		.048	.049	.054	.059	.071	.068	.062	.038	.036	.020
8	.031		.035	.048	.044	.059	.067	.062	.051	.040		.014
9	.032			.043	.054	.055	.064	.064	.049	.038	.023	.014
10	.044		.030	.054	.059	.049	.072	.068	.059	.037	.011	
11	.041		.039	.036	.061	.049	.066	.070	.064	.047	.037	
12	.015		.042	.059	.055	.054	.070	.059	.055	.042	.028	
13	.027		.040	.061	.057	.036	P .078	.051	.044	.039	.014	
14	.032		.041	.052	.055	.050	P .079	.046	.035	.040	.028	
15	.039		.046	.052	.050	.061	.069	.055	.046	.040	.037	
16	.039		.043		.050	.045	.069	.064	.049	.032	.038	
17	.023		.046		.045	.047	.064	.059	.057	.028		
18	.023	.039	.053		.045	.050		.060	.055	.040		
19	.013	.035	.048		.046	.056		.062	.041	.032		
20	.038	.044	.040		.052	.061	.056	.059	.044	.045		
21	.033	.042	.045		.053	.066	.068	.056		.040	.005	
22	.040	.048	.037		.053	.058	.075	.053	.038	.037	.013	
23		.043	.035		.054	.062	P .081	.048	.035	.041	.015	
24		.042	.045		.048	.069	.072	.058	.021	.039	.024	
25		.043	.038		.056	.070	.058	.053	.038	.035	.017	
26		.047	.050		.047	.063	.069	.055	.042	.032	.027	
27		.045	.033		.045	.048	.068	.065	.044	.036	.033	.008
28		.044	.042		.055	.049	.066	.062	.041	.036	.027	.011
29			.046		.062	.052	.067	.068	.049	.038	.023	.008
30			.040	.048	.068	.067	.065	.058	.042	.029	.014	.003
31			.044		.062		.072	.055		.027		.025
NO.:	22	11	30	16	31	30	29	31	29	31	24	13
MAX:	.044	.048	.054	.061	.068	.074	.083	.071	.083	.047	.041	.040
MEAN:	.0298	.0429	.0430	.0493	.0529	.0570	.0697	.0602	.0521	.0376	.0264	.0162
ANNUAL OBSERVATIONS:		297		ANNUAL MEAN:	.0470	ANNUAL MAX:	.083					

9 Values marked with 'P' exceed the PRIMARY STANDARD of: .076

9 Values marked with 'S' exceed the SECONDARY STANDARD of: .076

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. 4, 2018

(81102) PM10 Total 0-10um STP

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 USED TO COLLECT PM-10 DATA.

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: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1		66	16	5	8	18	18	21	27	5	29	35
2		52		6	13	11	20	30	30	5	34	34
3		61	25	8	8	15	21	32	25	13	20	37
4		34	19	7	18	20	24	34	24	20	13	8
5		15	38	14	19	48	29	21	57	14	6	16
6		12	6	17	15	29	29	27	63	10	8	21
7		12	11	31	15	23	25	30	45	13	9	22
8			16	4	13	36	29	21	30	11	20	32
9			16	2	13	53	30	22	21	13	33	33
10			21	10	15	27	23	16	12	19	42	36
11			16	23	17	28	22	19	21	24	16	58
12			10		41			13	27	27	19	77
13	26		16	34	16	7	25	12	23	32	36	67
14	28		20	8	11	14	26	30	15	7	27	39
15		43	24	7	19	17	17	15	15	7	28	41
16		30	23	14	12	16	21	18	24	25	75	27
17	24	26	28	16	3	10	41	24	19	36	4	11
18		6	31	15	4	8	21	24	21	33	6	28
19		4	18	6	4	15	29	19	9	34	15	36
20		5	34	8	6	20	16	16	17	76	38	84
21		14	47	4	5	35		19	7	7	32	13
22		3	30	7	8	17		24	5	12	23	29
23		3	6	9	11	18		18	8	13	14	14
24		7	11	8	20	15		24	3	18	13	18
25		16	5	4	14	14		22	8	31	15	35
26		9	4	6	13	19		17	13	28	23	38
27	28	4	5	5	6	52	14	19	11	19	35	46
28	34	11	6	5	9	19	22	27	6	17	13	48
29	43		14	3	13	13	14	39	11	15	22	62
30			8	6	20	14	16	32	10	13	31	40
31	59		5		22		23	23		23		24
NO.:	7	21	30	28	31	29	24	31	30	31	30	31
MAX:	59.	66.	47.	34.	41.	53.	41.	39.	63.	76.	75.	84.
MEAN:	34.6	20.6	17.6	10.3	13.3	21.8	23.1	22.8	20.2	20.0	23.3	35.8
ANNUAL OBSERVATIONS:		323		ANNUAL MEAN:	21.1	ANNUAL MAX:	84.					

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. 4, 2018

(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: 2017

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		32.2	4.1	2.3	3.5	7.3	7.4	7.6	12.4	2.6	6.1	19.1
2		P 42.2		3.2	2.6	4.5	8.7	11.1	15.1	1.5	5.6	20.8
3		16.8		3.3	3.2	5.9	8.0	14.7	13.0	3.3	6.6	6.6
4		3.3	3.3	2.1	5.5	6.7	10.7	14.3	11.6	3.7	3.2	2.4
5	5.4	3.5	4.8	3.7	6.1	12.1	11.9	10.8	30.0	4.5	3.3	6.5
6	16.3	2.9	1.0	3.4	5.6	9.6	10.6	13.9	P 35.5 +	3.5	3.3	10.7
7	P 36.5	2.4	1.7	5.2	6.4	9.1	10.3	13.5	22.2	3.5	3.1	10.6
8			2.6	1.8	5.8	8.8	9.0	8.8	10.1	3.3	7.9	18.2
9		2.3	3.2	1.8	5.5	11.7	10.3	6.7	7.7	3.2		20.5
10	1.2	3.7	4.4	3.8	7.0	7.5	9.0	5.3	5.7	4.5	17.0	25.7
11	2.4	3.5	3.9	8.2	7.5	8.5	8.7	5.0	6.8	5.6	7.1	P 45.2
12	13.2	4.8	3.0	5.7	9.2	8.3		3.4	6.7	11.2	8.3	P 62.5
13	18.3	10.6	3.3	6.3	6.1	2.7	9.5	4.2	5.8	10.1	13.3	P 51.2
14	21.8	18.3	3.4	2.2	5.1	5.0	8.8	8.6	2.0	2.5	8.8	23.7
15	18.4	20.3	4.6	2.9	4.9	5.8	7.8	6.3	9.9	3.9	5.5	23.4
16	20.2	9.0	4.1	5.4	3.9	5.1	7.9	7.4	14.8	8.3	11.5	18.8
17	28.9	9.6	5.7	5.7	1.4	2.4	9.2	8.4	10.9	10.0	1.3	6.4
18	P 39.4	1.9	5.3	5.1	1.6	2.9	7.6	7.9	5.9	10.0	2.8	12.6
19	P 38.5	2.1	4.5	4.3	1.8	4.3	6.9	6.3	3.4	8.2	8.6	11.9
20	20.1	1.9	6.7	3.9	2.7	5.7	3.9	5.5	3.8	9.2	18.8	11.2
21	7.1	1.7	7.6	2.6	2.6	10.0	7.1	5.4	1.6	2.7	14.5	3.7
22	3.1	2.3	5.0	3.4	3.4	4.6	8.2	8.2	2.2	3.3	7.1	9.7
23	2.0		3.8	3.9	3.7	4.4	8.9	5.7	4.7	3.7	5.9	4.7
24	4.7		3.9	2.9	4.9	5.6	8.2	6.2	2.5	5.1	4.8	8.5
25	4.6	3.8	2.7	1.7	3.5	5.6	5.1	6.7	3.3	8.8	6.8	28.5
26	7.8	3.3	2.1	2.6	3.7	5.2	4.4	5.7	4.7	8.2	10.7	29.3
27	13.4	2.3	2.5	2.3	2.8	15.6	4.8	8.3	4.3	5.7	7.8	27.0
28	22.7	3.6	2.5	2.3	3.9	6.4	6.2	10.5	3.3	5.6	5.0	26.0
29	32.8		3.7	2.0	5.8	5.1	5.2	13.4	4.1	5.2	11.3	27.3
30	P 41.1		2.6	2.8	8.0	4.6	5.4	9.4	4.0	3.0	21.2	9.6
31	P 45.5		1.4		7.7		7.4	7.4		6.3		11.9
NO.:	25	25	29	30	31	30	30	31	30	31	29	31
MAX:	45.5	42.2	7.6	8.2	9.2	15.6	11.9	14.7	35.5	11.2	21.2	62.5
MEAN:	18.62	8.33	3.70	3.56	4.69	6.70	7.90	8.28	8.93	5.49	8.18	19.17
ANNUAL OBSERVATIONS:	352		ANNUAL MEAN:	8.52	ANNUAL MAX:	62.5						

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: 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. 4, 2018

(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: 2017

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	30.6	26.4	2.5	2.7	2.9	6.2	8.6	7.5	12.7	3.8	6.6	17.4
2	8.6	P 36.4	3.6	3.9	3.5	5.1	11.0	11.0	14.5	2.1	5.9	18.0
3	11.3	14.4	7.1	3.6	3.2	5.3	7.5	14.0	12.7	3.6	4.3	8.1
4	7.1	3.6	2.9	3.7	5.5	7.7	8.9	13.8	10.2	3.6	3.7	2.7
5	4.3	4.5	4.7	3.9	4.9	10.3	11.9	10.4	25.6	4.7	3.4	4.1
6	11.9	2.8	6.5	3.6	5.3	7.9	9.0	13.7	35.2	4.4	3.8	9.4
7	34.1	2.8	2.3	5.0	4.1	7.0	9.2	13.0	22.4	3.3	3.6	9.2
8	28.0	2.3	3.2	6.0	5.0	10.5	10.1	9.8	10.1	3.6	6.2	15.6
9	2.9	2.3	3.0	2.1	5.8	13.3	9.3	7.1	7.8	3.8	11.5	17.7
10	1.6	4.0	5.1	3.7	5.9	8.6	9.4	5.4	5.8	3.8	15.9	21.7
11	2.7	2.9	5.0	9.2	6.9	7.0	8.7	5.3	6.1	5.0	6.8	P 41.9
12	10.8	4.4	3.4	5.8	8.5	7.8	11.0	3.3	7.0	11.5	7.2	P 56.8
13	16.0	9.2	3.2	6.2	7.4	4.1	10.4	3.8	5.3	10.3	12.4	P 46.8
14	18.7	14.8	3.0	3.0	4.5	4.8	9.3	8.2	3.6	4.0	10.0	21.1
15	15.6	18.5	4.6	3.3	5.4	6.7	7.0	7.6	5.2	4.5	4.6	20.4
16	15.8	9.0	4.3	5.7	6.5	4.2	7.8	6.8	7.0	7.7	9.5	18.3
17	23.5	9.1	5.8	4.9	3.1	3.7	7.9	8.4	5.7	10.3	4.0	4.5
18	P 36.0	2.0	4.8	3.7	2.1	2.3	8.2	8.0	3.8	10.4	2.9	9.9
19	P 35.7	2.9	4.9	3.7	2.6	4.2	5.7	7.0	3.2	9.5	7.4	10.4
20	16.7	1.8	5.7	4.8	3.7	6.4	2.2	6.7	3.5	7.6	17.6	10.3
21	4.5	2.3	7.0	2.7	3.6	8.2	7.8	6.3	2.7	3.9	15.7	3.8
22	3.2	2.0	6.0	2.9	4.6	6.9	8.1	5.9	2.7	3.7	6.7	7.1
23	2.0	1.8	4.3	4.2	8.4	5.3	9.2	4.2	6.1	3.3	6.4	5.5
24	3.2	1.8	8.1	3.7	5.6	5.7	7.1	4.7	3.6	5.3	6.4	4.9
25	4.2	2.2	4.0	2.9	3.9	5.8	5.1	5.7	3.2	7.4	5.8	25.0
26		2.3	2.7	3.7	4.2	5.6	3.9	5.2	5.8	8.1	10.6	26.0
27	13.0	2.1	3.0	2.4	3.6	16.2	5.3	8.3	5.1	6.3	6.2	21.7
28	18.8	2.4	2.5	3.6	3.2	7.7	5.6	8.3	4.2	6.2	4.2	22.8
29	30.7		4.6	2.2	5.4	5.3	4.7	10.7	3.4	5.0	10.0	25.5
30	P 41.4		4.7	3.1	5.7	6.8	5.2	8.0	4.4	3.4	13.5	9.6
31	P 43.6		2.1		7.7		7.5	6.9		5.6		9.4
NO.:	30	28	31	30	31	30	31	31	30	31	30	31
MAX:	43.6	36.4	8.1	9.2	8.5	16.2	11.9	14.0	35.2	11.5	17.6	56.8
MEAN:	16.55	6.82	4.34	4.00	4.93	6.89	7.83	7.90	8.29	5.67	7.76	16.95
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	8.16	ANNUAL MAX:	56.8	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: 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. 4, 2018

(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: 2017

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	37.5	30.7	3.8	8.7	5.9	9.1	12.9	9.7	27.1	7.2	9.0	21.6
2	19.1	52.7	8.1	6.4	6.2	7.8	14.7	12.9	19.1	2.9	8.7	25.3
3	22.1	46.5	13.1	6.5	5.3	9.2	10.6	24.9	17.2	5.0	8.9	22.1
4	21.2	6.2	10.1	6.3	9.0	10.2	16.0	23.8	12.9	5.0	5.1	3.8
5	8.5	11.8	13.5	5.5	8.2	16.7	24.4	16.6	38.3	7.6	4.1	9.2
6	31.7	3.8	8.0	5.7	7.7	10.5	12.6	26.2	55.1	5.9	6.4	11.6
7	51.8	4.3	7.1	13.1	6.4	10.0	13.4	17.5	46.6	5.8	4.7	13.6
8	49.3	4.3	4.9	10.5	7.1	16.0	17.3	14.5	12.6	6.5	12.4	20.2
9	6.3	4.1	5.0	3.3	8.2	21.3	22.5	12.2	13.0	5.9	18.8	28.8
10	3.3	10.5	11.7	7.1	8.8	11.1	15.5	9.8	9.1	7.1	20.4	35.1
11	4.5	6.0	8.3	11.5	8.8	13.4	11.4	7.9	8.2	11.0	11.8	61.5
12	20.9	13.6	6.1	11.5	18.5	14.2	14.8	5.3	10.0	26.8	14.4	69.1
13	25.4	13.7	6.8	12.1	12.8	6.5	13.4	7.8	9.2	13.6	17.0	60.2
14	27.6	20.6	6.8	4.6	7.2	7.0	12.8	13.0	6.5	8.8	18.5	25.8
15	21.3	28.6	9.1	7.0	8.4	9.3	9.9	11.0	8.9	7.4	8.5	26.4
16	21.4	24.0	7.4	9.4	10.4	6.7	9.9	8.6	7.8	15.6	24.1	32.3
17	34.0	18.0	9.1	8.2	6.0	7.4	24.5	11.4	6.6	20.4	8.4	7.1
18	44.0	2.6	9.8	5.6	3.1	4.0	11.3	9.6	4.7	12.7	6.6	14.4
19	53.3	5.2	6.9	6.0	5.2	5.8	17.1	9.0	3.9	15.2	16.0	14.6
20	40.0	4.0	10.3	6.7	6.1	9.4	7.6	9.8	4.6	25.7	20.7	53.4
21	10.6	3.9	15.4	5.0	6.0	11.8	14.5	9.9	4.6	6.4	25.7	5.4
22	8.3	4.4	13.3	6.0	7.4	11.9	11.6	7.8	4.0	6.1	12.8	10.6
23	3.6	3.1	9.1	6.7	15.7	8.4	12.6	6.1	8.2	5.4	11.1	10.9
24	5.6	2.1	13.2	5.0	9.0	8.9	12.4	7.8	4.7	8.8	14.1	11.2
25	6.4	3.2	7.3	5.5	6.6	8.3	7.5	8.0	5.2	14.1	14.5	37.8
26		3.0	5.9	6.5	7.5	8.1	5.9	7.0	9.3	13.7	17.5	36.2
27	28.8	2.9	5.1	3.4	7.9	47.4	7.1	11.3	8.4	10.1	18.9	34.9
28	31.5	3.8	3.8	7.1	6.4	9.5	9.1	9.6	6.9	9.0	9.3	38.3
29	40.8		9.1	6.2	9.6	8.3	6.3	26.3	5.8	7.8	13.8	52.0
30	52.7		8.9	5.3	7.3	10.4	7.2	11.9	6.8	6.1	21.4	16.0
31	61.5		3.0		11.0		9.7	10.0		8.6		25.8
NO.:	30	28	31	30	31	30	31	31	30	31	30	31
MAX:	61.5	52.7	15.4	13.1	18.5	47.4	24.5	26.3	55.1	26.8	25.7	69.1
MEAN:	26.43	12.06	8.39	7.08	8.18	11.29	12.79	12.17	12.84	10.07	13.45	26.94
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	13.48	ANNUAL MAX:	69.1						

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3006 POC: 5
 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: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	41.6	38.7	12.8	11.4	7.8	13.1	10.1	10.3	25.4	9.1	14.6	30.4
2	22.9	48.9	11.2	7.0	5.9	9.7	11.9	14.6	18.6	4.7	10.9	29.6
3	24.2	40.9	9.6	7.2	9.9	8.2	12.4	24.5	17.9	14.8	15.7	22.5
4	24.0	7.8	6.2	4.3	14.1	11.1	29.1	24.7	12.9	6.2	11.5	8.2
5	18.2	12.5	15.5	16.3	8.9	14.8	20.7	17.8	41.5	14.0	10.4	15.4
6	30.3	9.0	4.1	8.8	8.7	11.3	14.1	18.6	51.7	6.4	7.3	19.4
7	68.6	5.5	6.7	11.4	9.1	11.2	10.6	10.6	47.5	8.2	9.3	20.9
8	41.8	6.1	6.4	6.1	8.7	11.2	12.9	12.4	12.4	6.0	16.4	27.5
9	11.6	6.3	11.0	3.8	8.4	22.2	28.4	11.5	9.0	15.8	15.8	30.5
10		10.7	10.6	8.3	11.9	9.6	11.5	10.3	9.6	7.0	24.9	36.9
11		12.0	9.4	14.6	9.6	10.7	12.2	11.2	14.6	14.6	18.5	58.9
12	19.9	11.2	7.8	10.0	13.1	10.8	12.8	13.6	10.8	30.2	18.1	80.2
13	25.2	18.2	10.7	20.0	6.3	6.4	15.8	22.6	17.8	19.2	19.2	66.2
14	29.3	28.2	9.2	6.0	9.4	7.6	14.8	6.8	8.0	20.7	11.8	36.0
15	24.3	27.0	10.6	10.7	7.3	9.8	10.6	22.2	11.9	11.9	11.8	28.7
16	26.7	27.4	8.3	13.7	6.1	7.9	12.5	24.2	7.9	16.1	25.4	34.4
17	40.5	22.2	13.5	10.0	3.5	8.5	20.8	21.2	23.1	7.6	14.1	14.1
18	59.5	4.6	8.5	9.3	5.4	8.2		11.6	19.2	9.3	17.9	17.9
19	53.1	6.6	9.3	8.1	5.0	7.9		9.4	9.9	22.0	19.8	18.9
20	46.0	3.8	14.9	7.6	6.8	7.8	7.6	7.5	8.3	38.5	24.7	79.5
21	23.3	4.7	15.2	5.1	6.8	12.0	13.7	6.2	5.8	13.6	31.2	7.2
22	10.9	5.9	13.8	8.3	15.3	8.6	15.0	9.1	7.1	9.8	15.2	15.2
23	8.4	4.9	13.5	8.1	6.4	6.4	12.1	13.2	13.2	10.8	16.0	10.3
24	14.1	11.0	9.2	4.5	11.4	9.6	14.8	8.6	7.3	12.5	16.9	15.1
25	9.6	7.8	9.4	9.1	9.7	9.3	11.0	9.6	10.3	15.9	15.2	40.5
26	14.1	7.3	5.3	7.1	7.5	9.0	11.3	6.9	18.3	19.6	19.2	51.9
27	41.3	7.7	5.4	4.8	7.7	34.2	9.0	10.0	7.1	9.7	28.7	48.0
28	34.4	7.9	6.6	10.4	6.7	9.3	12.7	12.3	9.6	15.8	13.9	43.9
29	44.1		10.0	7.5	11.2	9.7	12.8	28.7	7.3	10.9	17.3	43.9
30	55.8		7.9	8.3	12.1	7.8	9.9	14.1	8.7	11.6	27.3	18.8
31	59.4		4.0		10.6		13.6	10.9		20.5		32.3
NO.:	29	28	31	30	31	30	29	19	30	31	30	31
MAX:	68.6	48.9	15.5	20.0	15.3	34.2	29.1	28.7	51.7	38.5	31.2	80.2
MEAN:	31.83	14.46	9.57	8.93	8.75	10.80	13.96	13.53	16.53	14.11	17.09	32.36
ANNUAL OBSERVATIONS:	349		ANNUAL MEAN:	16.04	ANNUAL MAX:	80.2						

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3006 POC: 5
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	32.6	30.7	3.7	2.6	2.1	5.5	5.9	6.6	11.1	3.5	5.7	19.9
2	11.8	P 40.2	4.0	3.3	2.8	4.0	6.2	10.2	13.4	1.9	4.1	19.7
3	13.6	16.5	4.4	3.6	3.2	4.8	6.5	12.6	10.9	3.2	4.4	6.8
4	8.2	3.4	2.8	2.6	6.2	6.3	8.4	13.5	9.2	2.3	4.3	2.7
5	5.4	4.6	3.6	4.5	5.9	7.7	8.6	9.5	25.4	5.4	3.6	5.8
6	13.2	3.0	1.2	4.0	4.3	7.7	8.3	13.6	33.2	3.5	3.7	10.3
7	P 36.7	2.4	1.7	3.3	4.8	5.9	7.5		21.6	3.3	2.4	9.7
8	26.1	3.0	2.9	.9	4.7	4.7	7.3		9.0	2.7	7.3	18.3
9	1.8	2.3	4.1	1.9	3.3	7.6	8.3		7.8	3.1	9.9	19.8
10		3.6	4.2	3.6	5.2	5.2	6.5		6.1	3.4	15.7	25.1
11		3.8	5.5	9.5	4.3	4.6	6.7		6.3	5.1	7.1	P 39.5
12	11.6	4.3	4.1	5.0	5.7	3.6	9.3		6.4	12.2	8.2	P 59.0
13	16.1	10.4	4.0	5.6	3.7	2.4	8.3		6.4	10.2	13.2	P 49.3
14	19.9	17.7	3.4	2.4	3.8	4.7	8.2		2.5	2.5	10.0	21.9
15	17.8	19.0	4.6	2.9	4.0	5.5	6.6		9.6	4.8	5.5	20.5
16	18.7	9.6	4.4	6.2	3.8	4.2	7.5		15.9	10.3	7.8	18.3
17	27.1	9.6	6.2	3.8	.5	2.8	7.4		11.6	11.3	.8	6.0
18	P 36.2	2.2	4.4	2.6	2.7	2.2			5.8	11.9	3.5	11.7
19	P 35.6	2.6	4.6	4.0	2.0	3.1		5.6	3.7	10.0	8.9	10.6
20	15.9	1.9	6.9	3.7	3.2	4.1	3.2	4.7	3.4	6.8	18.1	10.3
21	7.6	2.3	6.0	2.9	1.8	7.3	8.1	4.6	2.3	3.9	16.8	3.2
22	2.5	1.9	5.1	3.4	4.3	2.8	8.8	5.3	3.0	2.1	7.8	8.6
23	2.5	.9	4.7	4.2	3.8	2.2	8.7	4.2	6.6	3.9	6.1	4.2
24	4.9	2.5	4.9	2.3	3.8	4.9	7.5	3.9	3.4	5.2	5.2	7.1
25	5.3	3.6	3.4	2.6	3.7	4.9	4.7	5.2	4.0	9.3	6.3	25.5
26	8.1	2.9	2.6	3.7	4.3	4.0	5.0	4.4	7.2	8.3	11.6	25.0
27	12.2	2.6	2.7	1.5	2.7	8.9	3.9	6.4	3.8	4.9	5.4	22.9
28	21.2	3.1	3.1	3.2	3.9	4.1	5.7	7.6	4.4	6.9	4.9	24.0
29	32.1		4.9	2.0	5.0	3.8	4.8	10.1	3.6	4.8	9.0	26.1
30	P 40.5		2.7	3.6	6.0	3.4	5.6	7.3	4.6	3.7	16.8	9.1
31	P 42.0		1.4		5.3		6.9	6.1		6.4		10.1
NO.:	29	28	31	30	31	30	29	19	30	31	30	31
MAX:	42.0	40.2	6.9	9.5	6.2	8.9	9.3	13.6	33.2	12.2	18.1	59.0
MEAN:	18.18	7.52	3.94	3.51	3.90	4.76	6.91	7.44	8.74	5.70	7.80	17.77
ANNUAL OBSERVATIONS:	349		ANNUAL MEAN:	8.01	ANNUAL MAX:	59.0	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: 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. 4, 2018

(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: 2017

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	35.4	28.5		2.2	4.6	7.4	11.4	9.7	12.9	2.4	7.1	17.6
2	10.9	P 47.1		2.9	4.5	9.6	9.3	11.8	15.0	2.5	5.8	19.8
3	14.8	24.3		4.0	5.1	8.6	14.5	16.0	12.4	4.1	4.3	
4	11.6	3.8			6.7	8.3	P 37.8 +	12.9	12.0	3.7	3.0	3.8
5	4.7	3.0		3.8	7.2	10.4	14.0	11.2	27.3	4.7	3.4	7.5
6		2.8		4.0	6.8	10.3	10.3	14.4	P 37.8 +	4.7	3.5	12.3
7		2.9		6.2	5.3	9.4	10.7	14.0		3.5	4.0	12.2
8		3.2	2.3	2.1	5.2	10.9	10.2	10.0	9.4	2.5	8.0	19.3
9		2.7	3.6	2.1	6.4	8.2	9.0	8.5	8.3	3.2	12.1	27.0
10		2.9	4.7	4.2	6.7	5.9	8.0	7.0	6.7	5.5	16.8	32.3
11		3.3	3.3	9.5	7.0	8.0	8.5	6.2	9.8	5.0	8.4	P 39.8
12	7.8	4.3	4.0	5.8	9.2		18.7	3.8	8.0	10.7	8.8	P 51.4
13	13.2	11.3	4.0	7.0	3.7	3.1	11.4	4.6	5.2	10.0	18.4	P 40.8
14	19.3	16.8	5.7	1.5	4.7	7.3		10.2	2.8	3.0	9.4	22.4
15		23.8	4.7	2.4	4.6	7.5		6.9	10.6	6.7	7.2	26.5
16	18.7	11.1	4.4	5.8	4.5	10.1		8.4	15.5	13.5	16.5	18.6
17	31.2	14.7	7.2	4.2	1.5	4.0		9.1	13.0	14.3	1.3	6.0
18	P 38.8	2.5	5.5	3.6	1.2	5.2		9.2	6.5	13.8	5.2	
19	34.8	2.1	4.2	3.6	2.1	6.2		7.5	3.8	9.6	11.2	
20	16.8	3.6	7.3	4.1	3.7	6.7		5.7	3.9	7.9		
21	5.9	1.4	8.2	2.2	3.3	10.2	8.6	6.1	1.6	4.0		
22	3.2	2.4		3.4	4.1	4.6	11.5	6.5	3.5	3.7	8.3	8.5
23	2.0	1.3	4.0	4.0	4.8	4.7	12.4	4.6	5.5	4.0	7.7	4.6
24	3.5	2.0	4.2	3.1	5.4	8.7	11.9	5.0	3.3	6.3	8.3	
25	4.3	5.1	2.3	1.4	3.8	18.4	4.6	6.3	4.1	8.9	7.5	
26	9.9	3.9	2.8	2.5	3.9	9.2	5.2	6.5	6.3	9.6	13.5	
27	21.4	2.3	1.9	1.8	3.2	14.9		8.7	7.2	5.4	10.1	
28	24.8	4.0	1.7	2.4	6.2	8.0	7.0	9.9	5.9	7.3	5.5	
29	P 36.9		4.3	4.1		10.0	6.3	13.0	6.5	5.6	12.4	
30	P 40.5		2.9	4.9		13.6	6.4	9.0	4.0	8.8	20.1	
31	P 38.5		1.1		9.0		8.0	7.5		8.0		
NO.:	24	28	23	29	29	29	23	31	29	31	28	18
MAX:	40.5	47.1	8.2	9.5	9.2	18.4	37.8	16.0	37.8	14.3	20.1	51.4
MEAN:	18.70	8.47	4.10	3.75	4.98	8.60	11.12	8.72	9.27	6.55	8.85	20.58
ANNUAL OBSERVATIONS:	322		ANNUAL MEAN:	9.00	ANNUAL MAX:	51.4	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: 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. 4, 2018

(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: 2017

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	15.8			2.3	3.1	6.4	12.6	9.7	13.1	2.3	7.6	19.6
2				3.0	3.2	9.4	11.0	11.7	14.8	2.4	5.6	20.7
3				3.9	4.0	8.2	19.1	15.8	12.4	3.8	5.0	
4				2.3	5.5	7.5	P 40.9 +	12.3	11.8	3.2	3.0	3.4
5				3.6	5.7	9.6	16.9	11.0	27.1	4.6	3.2	7.7
6		2.9		4.0	5.9	9.1	12.8	14.3	P 37.7 +	4.2	3.1	12.3
7	P 36.2			6.0	5.8	7.2	13.4	13.9	19.0	3.1	3.2	12.4
8			2.3	1.8	4.3	10.0	12.6	9.7	9.2	2.6	7.5	20.4
9				1.7	6.2	9.3	11.4	8.5	8.4	2.6	11.2	27.2
10				4.0	6.5	5.2	11.0	7.1	6.8	4.8	16.0	32.6
11				9.3	6.4	6.7	11.5	6.3	8.8	4.5	8.4	P 39.6
12		4.2		5.5	8.5		15.6	3.9	7.7	10.1	8.7	P 51.5
13					3.6	2.4	12.9	4.7	5.4	10.0	17.7	P 40.5
14			5.9		4.5	7.5		9.6	2.7	2.9	8.2	22.9
15				2.4	4.4	7.6	8.1	6.9	9.9	6.0	8.9	26.3
16				5.6	4.0	8.4	8.3	8.1	15.7	13.6	16.0	18.2
17				4.1	1.2	4.3	11.4	8.6	12.9	14.1	1.4	5.7
18		2.4		3.5	1.1	6.8	9.8	9.8	6.0	13.4	5.0	12.9
19	35.4			3.6	2.0	6.8	8.4	7.5	3.9	9.5	10.3	12.8
20			7.5	4.0	3.6	9.6	4.5	5.8	3.8	8.6	18.0	
21				2.3	3.0	11.8	9.7	6.0	1.2	4.5	15.1	3.4
22				3.5	4.1	4.8	11.1	6.2	3.0	4.1	7.6	8.4
23				3.7	4.6	6.2	12.5	6.6	5.3	4.0	7.1	3.7
24		1.7		3.0	5.7	8.5	11.9	5.8	3.1	6.7	7.3	8.4
25	4.3			1.2	3.6	9.2	4.5	7.0	3.7	8.8	7.3	27.8
26			2.8	2.2	3.8	8.3	5.1	6.2	6.1	9.5	13.1	22.8
27				1.6	3.3	17.2	5.5	9.7	6.9	5.9	9.3	28.2
28				2.3	6.0	8.2	6.7	9.9	5.7	7.8	3.7	32.4
29			4.5	3.5	6.7	5.2	6.3	13.2	6.3	5.7	12.2	P 36.1
30			2.9	3.4	7.9	8.3	6.4	12.1	4.1	9.1	19.2	7.4
31	P 38.4		1.1		6.7		8.3	7.7		7.6		10.2
NO.:	5	4	7	28	31	29	30	31	30	31	30	29
MAX:	38.4	4.2	7.5	9.3	8.5	17.2	40.9	15.8	37.7	14.1	19.2	51.5
MEAN:	26.02	2.80	3.86	3.48	4.67	7.92	11.34	8.89	9.42	6.45	9.00	19.84

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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 3
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	43.1	35.7	11.7	8.8	6.5	7.2	31.4	16.0	24.7	9.7	12.4	25.8
2	18.6	57.9	9.9	6.9	7.0	50.1	24.6	16.8	22.6	5.1	7.6	26.8
3	22.1	52.7	16.1	9.4	7.3	22.2	63.1	29.0	15.1	11.2	10.1	29.6
4	22.1	9.0	6.0	4.3	11.9	12.2	357.8 +	26.8	16.3	10.6	4.5	11.4
5	7.3	8.7	11.5	10.5	7.8	11.6	54.0	22.8	45.4	7.8	7.7	14.0
6	28.3	4.6	3.3	9.6	5.8	13.9	13.1	34.0	47.3 +	10.4	7.6	35.8
7	60.0	3.8	5.7	10.5	6.1	9.5	14.3	18.3	49.7	6.7	12.8	23.2
8	28.6	6.3	6.9	8.4	6.7	10.4	12.9	13.8	11.6	4.3	11.2	
9	6.6		8.6	4.2	23.6	9.5		13.4	15.8	6.3	17.7	
10	5.7		7.5	8.0	8.7	9.0		10.7	11.6	7.6	26.2	
11	6.2	8.3	10.1	12.0	8.6	6.9		16.5	13.9	6.9	19.2	
12	12.6	6.8	8.3	11.0	9.8	7.3		6.7	13.4	29.4	12.8	
13	17.9	32.9	7.3	13.6	8.8	5.9		7.1	8.2	15.8	38.1	
14	25.0	32.9	32.0	2.9	8.1	14.8		12.2	4.4	6.9	27.2	
15	22.1		10.7	8.5	8.2	11.6		10.5	24.0	15.2	9.8	
16	22.0		7.7	10.7	5.3	18.3		11.3	21.7	24.0	37.1	
17	37.9		19.7	7.5	6.1	12.6		11.9	21.8	23.1	5.5	
18	40.7	6.6	10.2	5.5	4.4	11.5		12.8	11.3	23.6	11.7	
19		5.5	7.8	6.3	8.8	10.4		8.7	6.8	17.2	14.1	
20		4.4	10.6	8.8	9.2	11.7		8.1	12.1	26.5	27.5	
21		4.5	12.1	5.4	5.7	12.1	19.5	9.1	4.5	13.7	29.8	
22	10.6	6.4	10.7	9.5	9.4	6.7	25.0	9.9	9.2	8.3	18.2	
23	3.8	5.5	11.3	10.9	7.3	8.2	23.5	8.0	9.2	9.4	13.0	
24	8.2	7.5	9.5	4.8	8.2	19.1	118.5	8.3	6.4	11.7	20.1	
25	7.0	15.0	7.8	4.4	5.4	12.9	6.9	11.0	10.4	16.2	13.9	
26	20.8	9.7	10.7	3.8	10.6	12.1	6.7	10.2	12.9	16.3	22.0	
27	36.8	5.8	6.5	5.1	11.3	53.4	7.8	12.1	14.3	10.5	40.1	
28	35.7	10.0	5.4	5.7	14.6	9.2	15.0	14.3	13.1	15.4	11.7	
29	44.7		8.6	16.2	12.4	9.0	8.8	38.7	13.1	10.7	20.8	
30	48.0		6.5	6.4	10.8	14.2	12.6	17.4	8.6	13.6	26.9	
31	52.4		4.6		8.2		11.7	10.8		22.9		
NO.:	28	23	31	30	31	30	19	31	30	30	30	7
MAX:	60.0	57.9	32.0	16.2	23.6	53.4	357.8	38.7	49.7	29.4	40.1	35.8
MEAN:	24.81	14.80	9.85	7.99	8.79	14.12	43.54	14.75	16.65	13.67	17.91	23.80
ANNUAL OBSERVATIONS:	320		ANNUAL MEAN:	16.17	ANNUAL MAX:	357.8						

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 3
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	31.2	23.6	4.5	1.9	3.1	4.2	10.0	9.7	11.8	3.2	5.3	17.8
2	10.0	P 40.0	5.1	2.8	3.0	8.4	8.8	10.9	14.2	1.4	4.0	18.1
3	11.0	23.7	6.0	3.8	3.7	7.1	11.7	15.4	11.8	4.3	3.3	12.8
4	10.4	2.8	2.6	1.4	5.6	5.9	P 40.0 +	11.5	10.5	2.4	2.2	2.4
5	3.1	2.9	2.4	5.0	5.2	6.2	12.9	9.0	26.2	3.8	3.1	6.4
6	12.7	1.6	1.1	3.1	3.5	7.4	8.3	12.5	P 36.8 +	4.3	3.7	13.5
7	29.3	1.4	1.6	3.6	3.8	5.5	8.8	11.1	19.4	2.9	3.7	10.7
8	20.7	1.7	2.2	1.7	3.7	5.5	8.7	9.6	7.6	1.3	6.6	
9	1.4		3.3	1.2	7.4	5.3		7.9	7.9	2.6	10.0	
10	2.2		4.6	3.8	5.3	4.0		6.2	6.8	4.3	15.3	
11	1.3	2.9	4.1	8.8	5.0	4.4		5.9	7.8		8.0	
12	6.7	3.3	3.8	4.7	5.7	2.2		2.7	7.0	8.7	7.7	
13	10.2	10.3	3.4	4.6	3.0	1.6		3.5	4.3	10.0	16.6	
14	16.3	14.6	5.3	.7	3.0	5.5		8.2	1.9	2.1	9.4	
15	14.9		3.9	2.5	3.9	5.9		6.4	9.0	6.2	6.2	
16	16.2		3.2	5.6	2.9	5.5		7.3	15.8	12.9	10.4	
17	26.7		7.7	2.5	.9	2.8		7.8	14.1	14.1	1.1	
18	30.5	2.4	4.3	2.5	.6	4.5		8.3	5.6	14.0	4.1	
19		1.7	3.0	3.8	1.3	5.1		6.4	3.4	10.5	8.4	
20		1.2	6.5	3.4	2.5	5.0		4.8	3.9	4.7	16.6	
21		1.3	5.4	2.3	2.5	7.2	6.5	4.1	1.8	3.4	15.5	
22	3.4	2.5	3.4	3.7	4.1	3.0	8.7	5.2	3.5	3.2	7.7	
23	.0	2.0	3.9	3.0	4.4	3.7	11.3	4.0	5.4	3.1	6.6	
24	2.8	2.1	4.8	2.5	3.7	6.5	12.2	4.0	2.3	5.2	7.3	
25	3.5	5.2	2.3	1.6	2.4	6.9	3.7	5.0	4.3	7.7	7.3	
26	8.1	4.4	3.6	1.5	3.8	5.8	3.4	5.7	6.3	8.0	12.7	
27	19.2	2.8	2.1	.2	2.8	9.5	4.1	6.7	7.3	4.6	5.7	
28	22.1	3.8	2.0	2.4	6.3	4.9	6.2	8.5	5.7	7.3	4.7	
29	32.1		4.8	3.2	6.3	4.0	5.2	10.8	5.7	5.7	10.4	
30	P 36.2		3.1	3.2	6.6	4.9	5.5	8.8	3.0	7.9	16.3	
31	P 35.8		1.5		5.2		6.9	6.5		7.0		
NO.:	28	23	31	30	31	30	19	31	30	30	30	7
MAX:	36.2	40.0	7.7	8.8	7.4	9.5	40.0	15.4	36.8	14.1	16.6	18.1
MEAN:	14.93	6.88	3.73	3.03	3.91	5.28	9.63	7.56	9.04	5.89	8.00	11.67
ANNUAL OBSERVATIONS:	320		ANNUAL MEAN:	7.03	ANNUAL MAX:	40.0	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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 4
 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: (184) Thermo Scientific Model 5030 SHARP
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												36.4
17												10.2
18												16.3
19												14.3
20												20.6
21												10.4
22												9.7
23												8.8
24												13.2
25												40.0
26												38.0
27												40.8
28												40.1
29												44.9
30												11.7
31												27.6
NO.:	0	0	0	0	0	0	0	0	0	0	0	16
MAX:												44.9
MEAN:												23.94
ANNUAL OBSERVATIONS:	16		ANNUAL MEAN:	23.94		ANNUAL MAX:	44.9					

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 4
 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: (184) Thermo Scientific Model 5030 SHARP
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												14.3
17												3.8
18												10.9
19												11.3
20												3.4
21												2.0
22												6.0
23												2.9
24												5.9
25												27.7
26												20.5
27												24.9
28												30.1
29												32.4
30												5.0
31												7.8
NO.:	0	0	0	0	0	0	0	0	0	0	0	16
MAX:												32.4
MEAN:												13.06
ANNUAL OBSERVATIONS:	16		ANNUAL MEAN:	13.06		ANNUAL MAX:	32.4					

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-035-3013 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (34970) Herriman
 SITE ADDRESS: 14058 Mirabella Dr.
 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: 10102-44-0
 LATITUDE: 40.496392
 LONGITUDE: -112.036298
 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: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	37.0	43.0	25.0	8.0	11.0	3.0	13.0	14.0	14.0	18.0	10.0	26.0
2	14.0	48.0	15.0	14.0	19.0	9.0	13.0	13.0	16.0	12.0	5.0	29.0
3	22.0	30.0	8.0	9.0	22.0	10.0	7.0	19.0	19.0	20.0	4.0	3.0
4	3.0	4.0	1.0	12.0	12.0	18.0	8.0	4.0	23.0	5.0	8.0	11.0
5	20.0	13.0	17.0	14.0	15.0	10.0	6.0	4.0	22.0	12.0	12.0	28.0
6	29.0	1.0	3.0	5.0	3.0	13.0	10.0	10.0	22.0	19.0	12.0	20.0
7	37.0	2.0	14.0	1.0		3.0	12.0	7.0	15.0	9.0	8.0	19.0
8		14.0	12.0	4.0		3.0	18.0	9.0	10.0	18.0	22.0	31.0
9		4.0	11.0	17.0		3.0	19.0	10.0	3.0	14.0	17.0	31.0
10		7.0	11.0	11.0		6.0	11.0	13.0	11.0	14.0	28.0	34.0
11		9.0	8.0			10.0	6.0	15.0	16.0	10.0	16.0	39.0
12		22.0	22.0			5.0		4.0	17.0	19.0	18.0	49.0
13	33.0	20.0	16.0			5.0	13.0	9.0	15.0	22.0	29.0	52.0
14	32.0	25.0	18.0			14.0	12.0	7.0	4.0	8.0	23.0	25.0
15	21.0	29.0	5.0			14.0	13.0	11.0	96.0	27.0	8.0	39.0
16	21.0	16.0	12.0			11.0	11.0	13.0	8.0	31.0	4.0	35.0
17	26.0	10.0	11.0			6.0	8.0	9.0	22.0	36.0	13.0	9.0
18	38.0	2.0	2.0	10.0		12.0	5.0	14.0	11.0	27.0	9.0	22.0
19	35.0	19.0	11.0	14.0		10.0	4.0	8.0	7.0	20.0	26.0	19.0
20	23.0	3.0	2.0	16.0		13.0	4.0		11.0	6.0	38.0	6.0
21	17.0	6.0	2.0	12.0	11.0	10.0	5.0		7.0	18.0	30.0	10.0
22	17.0	16.0	9.0	18.0	12.0	5.0	11.0		8.0	16.0	13.0	14.0
23	11.0	17.0	11.0	9.0	14.0	11.0	15.0		9.0	10.0	6.0	12.0
24	25.0	14.0	11.0	12.0	8.0	11.0	10.0		17.0	17.0	10.0	13.0
25	19.0	9.0	7.0	10.0	5.0	13.0	12.0		15.0	24.0	25.0	29.0
26	25.0	22.0	18.0	10.0	7.0	9.0	8.0		17.0	27.0	4.0	32.0
27	14.0	10.0	16.0	3.0	7.0	9.0	14.0		16.0	20.0	5.0	30.0
28	24.0	19.0	4.0	5.0	14.0	11.0	16.0	14.0	16.0	12.0	20.0	18.0
29	38.0		17.0	8.0	11.0	10.0	20.0	14.0	11.0	24.0	18.0	14.0
30	45.0		8.0	21.0	9.0	8.0	20.0	20.0	9.0	31.0	23.0	7.0
31	52.0		12.0		5.0		11.0	15.0		17.0		15.0
NO.:	26	28	31	23	17	30	30	23	30	31	30	31
MAX:	52.0	48.0	25.0	21.0	22.0	18.0	20.0	20.0	96.0	36.0	38.0	52.0
MEAN:	26.08	15.50	10.94	10.57	10.88	9.17	11.17	11.13	16.23	18.16	15.47	23.26
ANNUAL OBSERVATIONS:	330		ANNUAL MEAN:	15.09	ANNUAL MAX:	96.0						

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. 4, 2018

(44201) Ozone

SITE ID: 49-035-3013 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (34970) Herriman
 SITE ADDRESS: 14058 Mirabella Dr.
 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: 10028-15-6
 LATITUDE: 40.496392
 LONGITUDE: -112.036298
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.032	.029	.048	.049	.050	.059	P .077	.070	.063	.046	.039	.029
2	.044	.029	.049	.045	.044	.057	.062	.069	P .083	.040	.041	.043
3	.043	.046	.050	.053	.051	.070	.069	.065	P .076	.044	.042	.044
4	.041	.046	.051	.051	.067	.058	.070	.058	.070	.058	.042	.035
5	.040	.047	.052	.054	.054	.061	.064	.059	P .083	.044	.035	.030
6	.036	.045	.047	.051	.054	.064	.070	.057	P .082	.046	.037	.031
7	.046	.041	.047	.051	.057	.062	P .078	.053	.062	.042	.039	.029
8	.038	.042	.043	.051	.050	.065	.071	.061	.058	.036	.026	.026
9	.038	.033	.041	.048	.055	.060	.071	.065	.054	.038	.024	.024
10	.042	.045	.037	.055	.055	.051	.065	.072	.063	.031	.021	.021
11	.044	.045	.043	.056	.060	.054	.067	.056	.071	.056	.040	.013
12	.028	.043	.043	.061	.059	.056	.067	.054	.059	.044	.043	.008
13	.022	.040	.045	.061	.056	.041	.067	.054	.051	.044	.014	.014
14	.028	.035	.045	.049	.060	.058	.075	.052	.045	.039	.038	.025
15	.037	.034	.050	.053	.055	.067	.074	.056	.049	.039	.041	.027
16	.039	.045	.045	.055	.054	.067	.065	.074	.054	.034	.041	.031
17	.030	.041	.055	.052	.050	.048	.060	.062	.060	.035	.038	.030
18	.039	.041	.057	.052	.051	.057	.058	.064	.060	.040	.039	.025
19	.041	.037	.050	.058	.047	.070	.047	.056	.050	.043	.034	.038
20	.044	.041	.047	.054	.055	.058	.057	.054	.055	.046	.020	.044
21	.039	.045	.048	.054	.053	.066	.064	.061	.045	.041	.023	.039
22	.046	.048	.042	.060	.055	.059	.069	.057	.044	.040	.025	.036
23	.049	.042	.042	.054	.057	.063	.067	.053	.046	.041	.025	.037
24	.039	.044	.049	.046	.053	.072	.057	.063	.035	.041	.028	.034
25	.036	.044	.045	.039	.057	.072	.052	.051	.041	.042	.035	.033
26	.039	.050	.049	.047	.050	.060	.063	.064	.048	.036	.033	.026
27	.041	.047	.044	.057	.047	.054	.073	.061	.052	.037	.043	.027
28	.043	.046	.045	.045	.057	.057	.069	.066	.047	.038	.035	.031
29	.045	.046	.046	.052	.071	.053	.067	.064	.054	.038	.037	.037
30	.040	.042	.049	.066	.069	.062	.056	.053	.025	.026	.040	.040
31	.026	.044	.064	.071	.054	.071	.054	.031	.034	.034	.034	.034
NO.:	31	28	31	30	30	30	31	30	30	27	30	31
MAX:	.049	.050	.057	.061	.071	.072	.078	.074	.083	.058	.044	.044
MEAN:	.0385	.0418	.0465	.0521	.0553	.0603	.0661	.0599	.0571	.0410	.0356	.0304
ANNUAL OBSERVATIONS:	359		ANNUAL MEAN:	.0488		ANNUAL MAX:	.083		6 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									6 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 49-035-3013 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (34970) Herriman
 SITE ADDRESS: 14058 Mirabella Dr.
 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: 40.496392
 LONGITUDE: -112.036298
 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: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	29	60	4	3	9	16	27	36	35	6	21	27
2	7	42	8	4	10	24	31	47	39	7	27	20
3	4	7	4	8	17	29	37	42	37	13	21	25
4	3	5	16	8	29	23	33	24	37	13	11	4
5	7	4	37	9	19	50	36	26	87	25	4	12
6	15	8	2	10	19	34	41	31	86	22	7	11
7	17	5	3	29	18	18	5	24	52	8	4	14
8	1	9	4	3	16	32	46	23	26	11	11	23
9	3		14	2	18	39	21	28	17	11		21
10	2	6	14	7	24	27	32	20	21	11	25	28
11	3	1	10	14	20	27	21	21	31	10	9	52
12	7	5	9	12	39	32	26	12	42	39	7	50
13	23	15	13	38	20	9	31	14	29	42	18	48
14	23	23	20	10	17	21	39	34	13	7	21	33
15	20	28	11	9	20	24	43	29	19	14	12	46
16	21	9	25	12	9	28	34	35	28	41	49	21
17	29	22	17	17	3	15	37	44	18	53	4	7
18	41	2	28	11	5	12	33	41	18	57	4	17
19		1	18	6	11	27	24	35	11	23	7	10
20	8	3	23	7	11	31	12	30	16	46	24	P 229 +
21	4	10	31	3	4	33	21	29	10	16	17	7
22	2	1	13	6	9	27	33	35		10	11	9
23	1	4	3	7	15	27	32	18		8	5	6
24	6	4	5	7	26	38	22	24		21	16	7
25	8	4	3	2	18	23	11	29		32	32	9
26	6	4	2	3	14	38	15		13	35	13	13
27	11	4	2	4	10	58	20	34	17	28	19	14
28	19	5	3	3	14	32	22	42	21	20	9	9
29	38		13	4	19	28	27	54	13	13		6
30	57		4	6	29	20	25	46	8	39	27	5
31	70		2		18		29	27		34		7
NO.:	30	27	31	30	31	30	30	30	26	31	28	31
MAX:	70.	60.	37.	38.	39.	58.	46.	54.	87.	57.	49.	229.
MEAN:	16.2	10.8	11.6	8.8	16.5	28.1	28.7	31.1	28.6	23.1	15.5	25.5
ANNUAL OBSERVATIONS:	355		ANNUAL MEAN:	20.4	ANNUAL MAX:	229.	1 Values marked with 'P' exceed the PRIMARY STANDARD of: 155					
							1 Values marked with 'S' exceed the SECONDARY STANDARD of: 155					

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3013 POC: 3
 COUNTY: (035) Salt Lake
 CITY: (34970) Herriman
 SITE ADDRESS: 14058 Mirabella Dr.
 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: 40.496392
 LONGITUDE: -112.036298
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	20.3	34.9		1.1	1.0	2.7	3.5	5.0	9.1	2.7	2.7	13.5	
2	5.3	23.0		7.3	1.1	2.3	5.4	7.9	12.1	1.6	1.5	9.1	
3	1.2	3.6		4.2	2.2	4.2	5.4	8.6	9.3	2.9	2.2	3.3	
4	.3	.9		10.7	4.4	2.6	10.2	6.2	8.1	2.2	1.9	.8	
5	5.1	2.3		2.7	2.5	5.9	8.6	8.4	24.8	3.3	1.6	3.4	
6	9.6	1.6		2.0	3.2	4.4	6.1	8.0	32.3	2.9	1.3	3.5	
7	11.5	-.1	2.4	12.1	2.0	4.0	8.5	8.4	7.4	2.0	2.8	6.5	
8	1.3	.9	12.1	8.2	4.4	4.4	7.2	8.3	4.0	.5	4.7	9.3	
9	.8		20.4	21.6	4.0	3.1	5.1	8.1	4.0	.7	4.3	9.8	
10	.7		10.1	18.3	3.1	2.3	5.0	4.9	3.7	2.1	8.2	14.9	
11	.0	-.3	12.5	18.7	1.8	3.4	6.7	4.1	4.1	2.0	3.6	22.1	
12	6.9	1.6	1.6	17.3	3.9	.5	6.8	2.4	5.2	9.1	2.9	28.2	
13	16.5	7.5	1.3		1.6	1.5	6.8	2.8	2.1	8.2	3.6	29.4	
14	20.3	18.1			1.8	3.3	6.8	5.5	.5	-.3	3.2	17.1	
15	16.3	9.3			2.3	3.7	6.3	6.3	11.4	3.8	2.1	15.7	
16	17.1	3.4	1.2		.7	3.5	5.1	6.7	13.0	8.1	4.1	13.4	
17	18.8	3.6	1.8		.0	1.7	8.5	4.8	8.6	6.5	2.0	2.3	
18	20.9	.4	1.9		2.4	1.7	9.4	6.5	4.1	11.8	1.3	5.8	
19	2.1	3.1	1.7	1.8	1.3	4.1	8.8	3.3	3.4	5.1	4.5	2.0	
20	4.3	-.4	3.3	1.0	2.0	4.0	6.2	3.8	2.2	4.0	1.9	8.8	
21	2.6	.9	3.8	.5	1.3	5.2	4.5	3.0	1.5	3.2	7.1	.9	
22	1.1	-.2	1.5	.7	1.9	2.1	6.3	3.7	1.3	.8	2.8	2.4	
23	1.1	4.4	4.2	.6	4.3	2.1	7.6	3.8	2.8	1.3	.4	2.1	
24	5.0	1.2	2.9	1.5	2.2	4.3	3.8	2.1	2.4	4.3	.8	1.2	
25	7.8	2.7	1.8	.8	2.1	4.3	23.3	3.0	3.6	4.8	2.7	6.3	
26	5.7	1.5	7.4	.0	2.8	3.8	20.7		3.5	4.1	1.8	7.3	
27	7.4		3.5	.0	.6	6.4	8.0	5.5	3.6	2.9	1.7	5.2	
28	16.9		1.4	.6	2.4	3.7	.4	6.6	3.6	4.9	2.0	2.2	
29	30.0		3.7	1.5	3.4	5.3	-1.4	7.2	3.7	2.3	4.6	1.0	
30	P 39.4		6.0	1.9	3.5	3.8	1.0	5.4	3.6	4.6	9.4	-1.1	
31	P 46.4		4.6		4.2		3.5	5.1		8.8		1.1	
NO.:	31	24	23	24	31	30	31	30	30	31	30	31	
MAX:	46.4	34.9	20.4	21.6	4.4	6.4	23.3	8.6	32.3	11.8	9.4	29.4	
MEAN:	11.05	5.16	4.83	5.63	2.40	3.48	6.91	5.51	6.63	3.83	3.35	8.44	
ANNUAL OBSERVATIONS:		346		ANNUAL MEAN:	5.64	ANNUAL MAX:	46.4	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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3013 POC: 3
 COUNTY: (035) Salt Lake
 CITY: (34970) Herriman
 SITE ADDRESS: 14058 Mirabella Dr.
 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: 40.496392
 LONGITUDE: -112.036298
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	34.0	69.6		16.1	4.8	7.0	10.5	13.3	16.2	7.5	7.8	21.2
2	23.9	38.3		56.1	4.5	6.1	13.1	26.5	16.6	6.9	5.4	21.9
3	7.9	12.8		35.0	7.1	10.2	15.4	13.1	15.1	7.6	7.6	8.0
4	2.9	5.3		60.4	9.1	7.2	75.3	11.3	11.5	5.8	5.3	5.2
5	29.9	6.4		23.1	9.3	10.7	19.9	20.3	44.8	7.4	8.3	9.6
6	21.7	6.1		13.3	7.7	7.0	13.1	28.6	43.7	6.4	6.2	10.0
7	31.1	5.5	33.8	51.1	7.2	9.1	12.1	16.0	20.2	7.0	7.4	13.8
8	14.1	6.8	47.4	74.4	6.9	12.4	14.4	22.6	8.3	5.8	11.7	18.4
9	7.3		75.1	67.8	8.9	7.8	11.0	26.4	10.1	5.5	26.3	23.7
10	5.1		48.4	74.3	7.1	7.3	12.6	12.6	7.3	7.3	14.5	31.0
11	3.9	1.7	88.3	94.5	6.4	10.5	14.0	7.2	7.8	6.2	11.5	47.4
12	19.0	7.1	6.7	79.4	8.0	5.1	16.7	6.9	9.7	30.5	12.4	44.4
13	28.3	13.3	4.2		5.0	7.5	13.1	7.8	7.5	18.6	14.4	45.6
14	29.4	151.6			4.8	8.3	12.3	13.1	7.2	2.9	17.4	22.0
15	24.6	16.0			8.8	6.2	13.0	10.8	41.1	10.4	4.8	23.8
16	25.8	18.0	5.9		4.2	8.1	10.4	14.2	18.2	18.8	10.6	36.1
17	58.6	19.9	7.1		4.0	6.9	28.3	10.6	12.1	13.9	5.8	5.5
18	37.2	4.1	4.8		9.3	4.2	22.8	12.3	9.1	22.3	7.1	11.6
19	11.8	39.1	6.2	6.2	4.9	10.3	24.4	9.2	8.3	12.7	9.7	7.7
20	10.4	8.8	9.0	5.8	4.7	10.4	16.6	7.2	5.8	8.2	17.1	161.7
21	10.8	22.9	10.3	4.4	4.3	8.5	11.5	9.6	6.6	14.9	18.6	3.7
22	5.9	2.3	5.3	3.5	4.9	6.6	15.0	7.5	7.1	4.9	6.6	6.1
23	5.0	48.0	28.8	4.3	15.6	6.0	15.7	8.7	7.1	3.1	5.8	6.9
24	10.5	5.1	8.7	4.4	6.2	22.1	22.2	5.9	5.8	7.2	6.8	4.6
25	12.8	11.4	39.7	4.8	5.4	11.2	33.2	5.7	7.1	17.1	31.4	13.9
26	11.2	6.3	46.6	3.9	6.2	20.4	31.3		10.4	12.1	12.0	22.4
27	15.7	38.1	3.0	3.0	5.3	15.8	18.3	10.3	7.1	8.4	10.6	16.3
28	49.5	20.7	20.7	5.5	5.9	8.3	9.0	13.6	8.5	9.9	5.7	6.1
29	45.6	8.4	6.5	12.0	10.7	9.7	14.3	7.5	6.2	14.0	5.0	5.0
30	49.4	50.7	5.4	6.8	9.8	9.8	13.9	10.0	10.3	17.7	3.7	3.7
31	67.2	41.5	8.6									
NO.:	31	24	23	24	31	30	31	30	30	31	30	31
MAX:	67.2	151.6	88.3	94.5	15.6	22.1	75.3	28.6	44.8	30.5	31.4	161.7
MEAN:	22.92	21.93	27.64	29.30	6.90	9.39	17.92	12.97	13.26	10.40	11.35	21.43
ANNUAL OBSERVATIONS:	346		ANNUAL MEAN:	16.59	ANNUAL MAX:	161.7						

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. 4, 2018

(44201) Ozone

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003-PC CALIBRATOR
 MONITOR COMMENTS: DASIBI 1003-AH ANALYZER AND DASIBI 1003-PC CALIBRATOR

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

CAS NUMBER: 10028-15-6
 LATITUDE: 38.45832
 LONGITUDE: -109.82126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1794
 PROBE HEIGHT: 10

SUPPORT AGENCY: (0745) National Park Service

MONITOR TYPE: NON-EPA FEDERAL

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0745) National Park Service

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1		.044		.058	.052		.063	.053	.056	.047	.044	.037
2	.041	.045		.049	.056			.054	.057	.047	.041	.040
3	.041	.043		.051	.054		.059	.054	.055	.046	.043	.044
4	.041	.045		.058	.051		.062	.050	.056		.035	.040
5	.046	.045		.056	.056		.058	.052	.059	.048	.041	.038
6	.043	.044		.050	.057		.055	.049	.053	.048	.041	.041
7	.038	.042		.051	.051	.056	.057	.050	.055	.039	.042	.042
8	.034	.040	.044	.056	.056	.053	.058	.051	.054	.047	.043	.038
9	.041	.037	.046	.056	.063	.052	.057	.048	.049	.039	.041	.036
10	.043	.035	.041	.058	.069	.051	.057	.048	.047	.039	.041	.036
11	.047	.043	.050	.059	.060	.048	.055	.045	.049	.048	.046	.034
12	.045	.043	.049	.059	.058		.056	.048	.047	.052	.039	.033
13	.041	.045	.048	.061	.063	.051	.055	.048	.043	.053	.041	.038
14	.035	.047	.046	.063		.048	.057	.050	.045	.054	.043	.047
15	.039	.047	.050	.057		.052	.054	.053	.052	.048	.038	.042
16	.046		.049	.058	.058	.053	.056	.059	.053	.046	.038	.037
17	.046		.052	.057	.056	.044	.052	.053	.051	.041	.042	.037
18	.043		.053	.051	.053	.033	.051	.056	.056	.041	.041	.037
19	.034		.049	.060	.043	.042	.059	.049	.051	.044	.037	.035
20	.046		.049	.059		.043	.064	.048	.051	.045	.033	.043
21	.045		.046	.061	.056	.056		.050	.047	.046	.033	.040
22	.045		.046	.062		.057	.054	.048	.045	.042	.035	.040
23	.049		.058	.061		.056	.054	.048	.045	.044	.034	.042
24	.046		.049	.059		.070	.058	.047	.044	.045	.031	.042
25	.044		.049	.052		.056	.046	.051	.038	.043	.031	.039
26	.046		.049	.047			.050	.049	.045	.043	.031	.037
27	.046		.052	.064		.059	.054	.048	.043	.045	.043	.034
28	.043		.044	.057		.060	.053	.051	.042	.043	.043	.035
29	.044		.050	.051		.060	.054	.049	.047	.036	.038	.034
30	.044		.058	.053		.062	.052	.051	.042	.035	.039	.037
31	.039		.061				.055	.049		.040		.037
NO.:	30	15	24	30	18	22	29	31	30	30	30	31
MAX:	.049	.047	.061	.064	.069	.070	.064	.059	.059	.054	.046	.047
MEAN:	.0427	.0430	.0495	.0565	.0562	.0528	.0557	.0503	.0492	.0445	.0389	.0385
ANNUAL OBSERVATIONS:	320		ANNUAL MEAN:	.0479		ANNUAL MAX:	.070					

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-045-0004 POC: 1
 COUNTY: (045) Tooele
 CITY: (23640) Erda
 SITE ADDRESS: 2163 W. Erda Way
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 40.6005316002
 LONGITUDE: -112.35341432
 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: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.0	14.0	6.0	6.0	8.0	4.0	6.0		6.0	4.0	5.0	13.0
2	6.0	16.0	14.0	4.0	4.0	6.0	5.0		6.0	6.0	2.0	17.0
3	6.0	15.0	17.0	8.0	8.0	7.0	5.0		4.0	8.0	4.0	8.0
4	12.0	5.0	10.0	8.0	6.0	4.0	5.0		4.0	3.0	3.0	7.0
5	4.0	4.0	3.0	6.0		5.0	4.0		5.0	7.0	3.0	18.0
6	12.0	.0	3.0	5.0	3.0	5.0	6.0		7.0	8.0		14.0
7	11.0	1.0	6.0	2.0	4.0	6.0	5.0		8.0	3.0	7.0	25.0
8	7.0	4.0	7.0	2.0	6.0	5.0	4.0		4.0	3.0	12.0	21.0
9	2.0	7.0	14.0	3.0	7.0	6.0	4.0		3.0	5.0	12.0	20.0
10	1.0	4.0	7.0	5.0	11.0	7.0	5.0		4.0	7.0	15.0	19.0
11	7.0	5.0	6.0	6.0	6.0	5.0	7.0		8.0	6.0	5.0	17.0
12	3.0	3.0	4.0	7.0	2.0	3.0	5.0		10.0	6.0	15.0	29.0
13	6.0	5.0	7.0	2.0	3.0	6.0	5.0		7.0	16.0	16.0	25.0
14	5.0	8.0	8.0	8.0	3.0	5.0	5.0		2.0	4.0	10.0	27.0
15	4.0	13.0	9.0	7.0	6.0	6.0	7.0	6.0	26.0	9.0	19.0	24.0
16	7.0	16.0	7.0	10.0	4.0	7.0	5.0	4.0	14.0	12.0	2.0	13.0
17	12.0	9.0	8.0	6.0	3.0	4.0	7.0	4.0	14.0	15.0	2.0	10.0
18	17.0	1.0	3.0	7.0	4.0	4.0	5.0	6.0	4.0		6.0	24.0
19	13.0	8.0	4.0	9.0	12.0	7.0	3.0	6.0	10.0	15.0	12.0	24.0
20	17.0	.0	15.0	5.0	6.0	10.0	3.0	8.0	4.0	2.0	14.0	12.0
21	10.0	.0	5.0	12.0	3.0	6.0	5.0	8.0	2.0	5.0	15.0	7.0
22	1.0	1.0	9.0	7.0	7.0	5.0	5.0	6.0	5.0	8.0	18.0	14.0
23	1.0	12.0	5.0	5.0	5.0	5.0	4.0	6.0	4.0	9.0	11.0	8.0
24	11.0	6.0	6.0	4.0	3.0	5.0	4.0	4.0	3.0	17.0	8.0	6.0
25	5.0	4.0	5.0	4.0	4.0	4.0	5.0	6.0	5.0	9.0	13.0	17.0
26	5.0	3.0	3.0	4.0	7.0	6.0	3.0	5.0	11.0	11.0	10.0	21.0
27	11.0	5.0	6.0	2.0	5.0	8.0	5.0	9.0	10.0	11.0	5.0	19.0
28	8.0	9.0	3.0	3.0	5.0	7.0	7.0	7.0	6.0	5.0	12.0	37.0
29	10.0		7.0	4.0	4.0	10.0	6.0	6.0	9.0	6.0	15.0	21.0
30	14.0		4.0	4.0	5.0	3.0		4.0	6.0	12.0	15.0	24.0
31	10.0		5.0		4.0			4.0		8.0		13.0
NO.:	31	28	31	30	30	30	29	17	30	30	29	31
MAX:	17.0	16.0	17.0	12.0	12.0	10.0	7.0	9.0	26.0	17.0	19.0	37.0
MEAN:	7.97	6.36	6.97	5.50	5.27	5.70	5.00	5.82	7.03	8.00	9.86	17.87
ANNUAL OBSERVATIONS:	346		ANNUAL MEAN:	7.72	ANNUAL MAX:	37.0						

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. 4, 2018

(44201) Ozone

SITE ID: 49-045-0004 POC: 1
 COUNTY: (045) Tooele
 CITY: (23640) Erda
 SITE ADDRESS: 2163 W. Erda Way
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 40.6005316002
 LONGITUDE: -112.35341432
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.029	.010	.048	.045	.048	.058	P .082	.073		.042	.038	.028
2	.044	.006	.046	.043	.045	.058	.071	.061	.064	.035	.041	.029
3	.043	.041	.045	.049	.046	.072	.063	.058	.061	.037	.043	.041
4	.042	.042	.049	.050	.059	.059	.071	.059	.056	.049	.044	.035
5	.042	.044	.050	.053	.069	.054	P .076	.058	P .077	.041	.033	.033
6	.038	.044	.046	.048	.053	.069	.074	.056	.072	.042	.041	.034
7	.041	.039	.047	.050	.052	.061	P .077	.055	.060	.038	.039	.030
8	.035	.040	.041	.051	.045	.063	P .084	.063	.054	.041	.039	.030
9	.037	.031	.038	.047		.050	.063	.056	.049	.039	.037	.025
10	.041	.042	.033	.052		.047	.060	.065	.054	.044	.030	.025
11	.044	.043	.040	.048	.061	.054	.063	.064	.054	.049	.038	.019
12	.040	.045	.042	.062	.059	.056	.066	.054	.046	.041	.032	.014
13	.037	.047	.044	.062	.054	.039	.074	.053	.042	.046	.037	.013
14	.037	.045	.044	.050	.053	.047	.065	.049	.039	.039	.035	.031
15	.042	.037	.047	.047	.049	.059	.071	.051	.049	.043	.038	.025
16	.043	.033	.043	.054	.053	.044	.058	.072	.043	.048	.039	.029
17	.037	.044	.048	.046	.048	.045	.063	.053	.057	.043	.039	.026
18	.035	.040	.053	.049	.049	.058	.066	.054	.054	.048	.036	.028
19	.024	.037	.051	.056	.047	.047	.049	.061	.045	.047	.034	.023
20	.033	.041	.039	.056	.050	.045	.052	.051	.047	.047	.024	.042
21	.040	.046	.045	.051	.052	.069	.060	.051	.040	.042	.024	.038
22	.045	.046	.043	.057	.056	.057	.071	.050	.043	.039	.023	.036
23	.045	.043	.046	.057	.052	.056	.069	.054	.041	.041	.016	.039
24	.041	.044	.043	.051	.052	.064	.065	.051	.030	.045	.026	.032
25	.037	.044	.046	.043	.053	.069	.058	.055	.039	.047	.024	.027
26	.037	.045	.047	.045	.050	P .076	.066	.048	.044	.036	.032	.023
27	.044	.050	.045	.054	.044	.052	.060	.061	.049	.041	.041	.022
28	.043	.045	.043	.046	.053	.050	.066	.056	.051	.043	.033	.022
29	.040		.047	.053	.061	.053	.062	.050	.053	.038	.028	.030
30	.038		.043	.049	.072	.063	.057	.049	.048	.027	.027	.028
31	.030		.040		.061		.063	.059		.030		.036
NO.:	31	28	31	30	29	30	31	31	29	31	30	31
MAX:	.045	.050	.053	.062	.072	.076	.084	.073	.077	.049	.044	.042
MEAN:	.0388	.0398	.0446	.0508	.0533	.0565	.0660	.0565	.0504	.0415	.0337	.0288
ANNUAL OBSERVATIONS:	362		ANNUAL MEAN:	.0467		ANNUAL MAX:	.084		6 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									6 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-045-0004 POC: 1
 COUNTY: (045) Tooele
 CITY: (23640) Erda
 SITE ADDRESS: 2163 W. Erda Way
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 40.6005316002
 LONGITUDE: -112.35341432
 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: 2017

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	23.3	24.3	.6	1.0	3.2	6.4	6.0	8.3	10.9	1.9	5.1	12.2
2	10.1	22.4	1.4	1.2	2.5	4.7	7.5	12.6	13.2	2.4	10.5	15.5
3		20.1	3.4	2.9	2.4	5.6	8.4	16.7	12.3	3.3	5.5	4.3
4		1.9	2.5	1.9	3.7	7.2	11.4	18.8	10.3	2.6	3.0	1.4
5	8.9	2.0	4.4	2.4	4.7	8.1	10.1	29.7	25.4	2.9	4.3	3.7
6	8.2	2.2	.5	2.8	7.9	7.4	10.8	17.5	P 38.0 +	2.9	2.3	4.3
7	17.1	1.4	.7	5.0	4.5	6.9	11.6	9.2	15.3	2.6	4.3	7.9
8	14.5	2.7	1.1	1.9	4.7	13.1	11.5	8.6	9.6	2.2	5.0	12.2
9	2.0	1.8	2.4	1.5	4.5	6.2	9.6	6.3	6.1	2.3	10.1	18.1
10	1.0	2.2	4.0	4.0	5.4	3.9		5.1	4.6	2.7	10.4	24.7
11	.8	1.0	2.0	5.4	5.4	11.7	8.3	5.1	5.6	6.2	3.4	32.5
12	2.3	2.8	1.7	4.9	9.5	13.3	9.7	5.0	7.3	8.1	6.2	23.7
13	10.2	5.1	1.9	7.8	2.9	14.4	9.1	5.2	4.2	7.2	8.8	21.2
14	15.0	9.6	2.5	1.7	2.4	4.7	9.8	8.8	10.4	2.2	6.9	17.2
15	15.6	14.4	3.6	2.7	3.6	4.3	10.0	6.4	13.4	2.5	4.0	20.3
16	12.0	13.3	3.9	3.6	2.8	3.4	9.8	7.2	13.8	5.2	8.9	15.8
17	17.7	9.1	4.0	3.6	1.0	2.5	15.4	7.2	11.8	8.4	1.4	7.5
18	28.8	1.1	9.3	2.0	1.0	2.3	8.4	8.2	6.3	9.6	2.0	5.6
19	30.5	.5	3.7	3.0	1.2	3.6	8.6	7.9	3.8	9.2	4.8	11.6
20	16.7	1.4	4.8	2.6	2.4	7.8	6.5	6.5	2.7	31.2	15.1	3.8
21	2.5	1.1	10.8	1.4	2.0	9.6	10.7	5.6	1.3	3.5	13.6	1.7
22	1.4	.6	2.9	3.1	2.5	4.3	9.4	4.9	2.1	2.5	3.4	3.6
23	.9	.8	1.5	2.8	3.2	3.6	9.3	3.2	3.0	2.7	9.4	3.0
24	1.1	.8	1.8	2.1	4.0	3.8	6.6	3.9	3.0	3.3	6.9	3.3
25	2.4	1.1	1.0	.6	2.9	4.4	4.0	2.4	2.7	4.1	5.8	16.5
26	2.4	1.5	1.1	.9	2.1	6.8	7.4	5.3	3.3	5.3	10.2	9.4
27	5.3	.8	1.3	1.9	2.1	8.3	9.5	7.5	4.3	3.3	1.9	15.4
28	9.3	.6	1.4	1.3	3.0	5.4	8.7	8.1	4.7	3.5	2.4	17.9
29	22.0		2.1	2.9	5.0	5.2	6.6	8.6	4.7	3.9	6.9	19.8
30	29.7		1.6	2.3	5.9	4.0	6.1	8.5	4.2	7.6	7.3	13.3
31	32.8		1.0		7.1		7.4	6.1		8.7		3.0
NO.:	29	28	31	30	31	30	30	31	30	31	30	31
MAX:	32.8	24.3	10.8	7.8	9.5	14.4	15.4	29.7	38.0	31.2	15.1	32.5
MEAN:	11.88	5.24	2.74	2.71	3.73	6.43	8.94	8.53	8.61	5.29	6.33	11.95
ANNUAL OBSERVATIONS:	362		ANNUAL MEAN:	6.85	ANNUAL MAX:	38.0	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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-045-0004 POC: 3
 COUNTY: (045) Tooele
 CITY: (23640) Erda
 SITE ADDRESS: 2163 W. Erda Way
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 40.6005316002
 LONGITUDE: -112.35341432
 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: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.1	20.9	.3	.0	3.0	9.5	7.5		15.7	2.2	4.1	10.4
2	3.9	19.3	.9	.7	2.0	6.8	9.2		15.9	3.4	10.3	13.0
3	3.6	18.0	2.6	4.0	3.0	6.2			15.4	2.8	5.2	5.3
4	4.1	1.6	2.4	1.9	3.5	8.2			11.8	2.8	2.9	1.2
5	3.8	1.4	4.2	2.3	4.1	11.6			26.4	2.8	5.2	3.7
6	.2	1.3	-1.1	2.2	8.2	9.9			P 43.4 +	3.4	2.3	5.4
7	6.0	.8	.0	6.1	6.5	8.9			16.4	2.7	5.1	8.2
8	5.0	1.1	.0	1.2	12.2	12.6			10.4	2.8	5.1	11.0
9	1.1	1.4	2.1	.6	4.1	7.5			6.4	3.5	10.1	18.2
10	1.0	1.2	4.1	3.0	6.8	4.8			5.9	3.0	9.1	23.5
11	1.3	.0	1.9	8.7	6.6	14.2		5.2	7.1	7.8	3.6	28.9
12	1.7	1.2	1.3	5.4	11.3	13.4		4.3	8.5	8.9	6.7	23.8
13	5.2	3.8	.6	8.8	2.9	3.7		4.3	3.5	9.1	9.8	20.5
14	4.8	9.6	1.2	1.1	2.4	4.5		11.0	8.5	2.5	8.4	16.1
15	5.5	12.0	2.3	2.6	5.1	5.3		8.2	17.3	3.5	3.7	18.1
16	4.6	11.4	4.0	3.3	2.5	4.4		9.0	16.6	10.9	7.5	15.7
17	6.4	7.2	6.1	5.5	.8	4.4		8.8	13.4	9.8	2.0	5.9
18	8.1	.4	9.4	3.5	1.0	8.8		10.2	6.6	10.8	2.9	5.1
19	9.1	.0	4.6	2.7	1.1	8.5		9.6	4.4	8.3	5.8	10.7
20	5.7	.0	6.5	2.3	1.9	13.5		9.4	3.0	17.3	16.7	4.2
21	1.3	.6	9.9	.7	1.4	15.2		7.5	1.8	3.3	14.5	1.4
22	.9	.1	3.5	2.4	1.9	12.5		6.5	3.5	2.8	3.7	2.3
23	.8	.5	2.3	2.8	3.4	7.0		5.2	3.9	3.5	9.9	3.5
24	1.0	.2	2.4	1.7	3.9	6.5		5.9	2.7	3.3	8.1	3.9
25	1.5	.7	.8	-.5	4.8	6.4		6.2	2.7	4.5	4.6	17.8
26	1.6	1.1	.7	.0	2.3	15.5		6.7	5.0	5.7	11.0	9.0
27	2.0	.8	1.2	1.4	.8	14.6		10.2	5.8	3.5	1.5	15.3
28	3.0	.8	2.1	.8	1.8	8.0		10.0	6.2	4.7	2.7	16.9
29	7.1		2.9	.6	3.2	6.1		9.3	5.6	3.0	7.0	19.4
30	11.9		2.8	.7	7.1	6.0		9.0	5.3	8.1	5.3	12.8
31	30.5		.8		10.4			8.3		8.4		2.3
NO.:	31	28	31	30	31	30	2	21	30	31	30	31
MAX:	30.5	20.9	9.9	8.8	12.2	15.5	9.2	11.0	43.4	17.3	16.7	28.9
MEAN:	4.90	4.19	2.67	2.55	4.19	8.82	8.35	7.85	9.97	5.45	6.49	11.40
ANNUAL OBSERVATIONS:	326		ANNUAL MEAN:	6.20	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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-045-0004 POC: 3
 COUNTY: (045) Tooele
 CITY: (23640) Erda
 SITE ADDRESS: 2163 W. Erda Way
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 40.6005316002
 LONGITUDE: -112.35341432
 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: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13.9	30.3	.7	1.0	17.8	18.8	17.7		31.5	4.8	7.9	15.4
2	10.5	27.6	3.1	2.6	3.9	26.4	23.4		24.9	11.2	41.3	21.9
3	8.3	38.2	4.8	5.3	11.0	13.3			25.9	8.2	28.6	23.2
4	13.1	4.5	10.6	6.1	10.0	12.7			19.2	4.8	5.9	1.8
5	6.5	4.1	23.6	5.4	7.9	37.6			54.5	7.3	26.8	8.1
6	4.7	1.6	-.7	9.1	21.2	16.1			53.6 +	6.3	4.1	8.9
7	9.6	2.5	.8	15.0	12.2	16.1			37.8	4.2	16.9	16.5
8	7.3	3.1	.8	6.5	31.6	29.1			36.5	6.5	8.2	19.5
9	1.5	5.2	13.7	1.4	17.1	18.4			7.8	12.9	17.1	25.0
10	1.3	2.9	19.8	9.2	16.0	11.9			7.8	5.0	16.5	41.0
11	1.8	.8	4.7	14.2	9.4	40.7		13.6	14.0	33.3	6.0	44.1
12	4.5	2.9	3.6	8.3	20.0	67.2		27.0	17.3	35.0	13.2	34.2
13	8.9	12.2	4.0	20.3	6.9	12.0		6.5	7.0	14.0	21.2	31.8
14	6.7	13.9	5.1	5.6	6.0	10.2		20.3	33.6	4.4	25.0	39.8
15	7.2	16.6	8.6	13.8	15.8	8.4		16.9	35.4	6.6	7.7	21.1
16	6.3	18.8	10.0	6.6	3.9	10.0		19.6	23.8	28.2	21.2	35.1
17	8.7	16.7	16.7	14.8	2.7	11.2		19.4	16.9	15.1	4.0	19.0
18	9.6	.7	39.0	25.6	10.3	22.7		14.4	11.1	17.4	4.3	7.8
19	11.2	1.2	15.8	5.2	3.7	17.5		16.5	9.4	16.9	14.3	26.6
20	10.8	.4	19.9	4.5	11.2	30.6		23.8	4.5	102.0	25.0	18.8
21	2.3	1.5	34.1	1.6	3.9	22.7		16.2	9.5	15.1	22.6	2.2
22	1.0	.8	5.5	23.4	4.9	25.9		22.3	13.2	5.8	8.1	4.6
23	1.0	3.4	4.0	7.2	17.8	16.3		9.3	9.3	7.2	32.5	7.2
24	1.3	.6	4.7	3.0	8.4	11.2		14.7	7.4	9.9	18.3	9.7
25	2.1	1.3	4.4	.0	11.5	11.7		10.3	4.6	8.1	23.1	27.1
26	2.1	1.8	1.9	.3	3.8	39.5		24.4	9.8	15.5	19.9	17.9
27	3.7	2.0	3.0	5.3	6.7	35.0		12.9	17.3	9.4	2.8	28.0
28	5.4	1.3	6.0	5.0	5.2	14.9		13.2	17.9	12.1	3.8	30.8
29	10.5		7.2	2.9	9.3	18.9		30.6	11.9	7.5	17.6	39.1
30	29.0		7.3	2.0	11.7	22.2		15.8	26.4	28.5	10.1	25.7
31	33.0		3.4		14.7			11.8		25.0		6.6
NO.:	31	28	31	30	31	30	2	21	30	31	30	31
MAX:	33.0	38.2	39.0	25.6	31.6	67.2	23.4	30.6	54.5	102.0	41.3	44.1
MEAN:	7.86	7.75	9.23	7.71	10.85	21.64	20.55	17.12	19.99	15.75	15.80	21.24
ANNUAL OBSERVATIONS:	326		ANNUAL MEAN:	14.06	ANNUAL MAX:	102.0						

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. 4, 2018

(44201) Ozone

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT: 10

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQA0: (0745) National Park Service

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.039	P .077	.047	.045	.053	.059	.062	.054	.056	.041	.040	.029
2	.043	.075	.046	.047	.053	.061	.061	.052	.059		.042	.029
3	.043	.071	.050	.053	.054	.069	.062	.056	.057		.041	.042
4	.037	.075	.051	.052	.053	.064	.062	.056	.059	.045	.031	.037
5	.043	.074	.049	.052	.047	.058	.061	.054	.053	.048	.037	.034
6	.039	.067	.049	.053	.052	.061	.061	.052	.056	.046	.041	.038
7	.039	.040	.049	.044	.055	.059	.058	.048	.066	.038	.040	.035
8	.043	.045	.045	.050	.060	.054	.055	.050	.055	.046	.039	.032
9	.040		.044	.054	.055	.055	.058	.053	.051	.037	.043	.028
10	.038		.041	.057	.051	.047	.056	.054	.048	.038	.030	.029
11	.043	.048	.047	.054	.056	.047	.056	.054	.052	.047	.042	.029
12	.034	.044	.050	.056	.052	.060	.060	.050	.053	.049	.036	.034
13	.039	.043	.047	.056	.061	.043	.057	.052	.047	.049	.041	.042
14	.039	.046		.062	.059	.052	.056	.047	.036	.044	.042	.044
15	.039	.050		.058	.057	.053	.058	.051	.044	.047	.038	.038
16	.042	.053		.057	.057	.046	.055	.056	.048	.049	.034	.033
17	.046	.046		.050	.055	.050	.053	.062	.051	.048	.043	.031
18	.048	.033	.051	.046	.049	.048		.056	.051	.046	.040	.031
19	.048	.037	.050	.056	.040	.037	.046	.055	.048	.044	.035	.031
20	.049	.038	.046	.059	.046	.047	.055	.052	.047	.044	.033	.044
21	.054	.032	.045	.056	.051	.056	.052	.049	.046	.042	.033	.038
22	.051	.050	.043	.053	.051	.054	.059	.051	.044	.040	.031	.028
23	.046	.050	.048	.057	.051	.062	.063	.049	.042	.046	.029	.042
24	.045	.044	.049	.053	.049	.057	.055	.051	.046	.046		.038
25	.048	.046	.048	.047	.065	.053	.046	.051	.035	.048	.034	.039
26	.050	.047	.050	.047	.054	.055	.048	.050	.043	.038	.034	.036
27	.054	.049	.045	.062	.048	.055	.055	.056	.041	.036	.042	.035
28	.058	.048	.045	.052	.048		.057	.058	.046		.043	.035
29	.061		.048	.051	.053	.059	.056	.051	.046		.037	.033
30	.068		.046	.051	.058	.053	.052	.052	.044		.037	.039
31	.072		.041		.062		.056	.045		.033		.041
NO.:	31	26	27	30	31	29	30	31	30	26	29	31
MAX:	.072	.077	.051	.062	.065	.069	.063	.062	.066	.049	.043	.044
MEAN:	.0464	.0511	.0470	.0530	.0534	.0543	.0564	.0525	.0490	.0437	.0375	.0353
ANNUAL OBSERVATIONS:	351		ANNUAL MEAN:	.0483		ANNUAL MAX:	.077		1 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									1 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-047-1004 POC: 1
 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: 10102-44-0
 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: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	20.0	37.0	8.0	15.0	9.0	6.0	4.0	6.0	7.0	3.0		
2	15.0	48.0	11.0	5.0	9.0	7.0	6.0	4.0	17.0	6.0		
3	22.0	39.0	12.0	3.0	7.0	17.0	5.0	4.0	4.0			
4	15.0	27.0	15.0	6.0	6.0	5.0	5.0	7.0	3.0	8.0		
5	10.0	32.0	7.0	10.0	7.0	2.0	5.0	2.0	14.0	13.0		
6	13.0	31.0	3.0	9.0	16.0	3.0	10.0	2.0		10.0		
7	25.0	18.0	5.0	6.0	5.0	6.0	6.0	17.0	11.0	17.0		17.0
8	19.0	18.0	7.0	16.0	11.0	9.0	20.0	8.0	5.0	3.0		19.0
9	34.0	11.0	7.0	4.0	5.0	6.0	3.0	3.0	4.0	5.0		20.0
10	29.0	13.0	10.0	6.0	6.0	8.0	10.0	7.0	3.0	12.0		14.0
11	10.0	19.0	13.0	9.0	8.0	3.0	11.0	5.0	5.0	19.0		17.0
12	16.0	11.0	7.0	8.0	4.0	5.0	10.0	18.0	4.0	14.0		24.0
13	16.0	9.0	14.0	5.0	8.0	5.0	5.0	4.0	4.0	10.0		33.0
14	22.0	13.0	9.0	4.0	3.0	5.0	7.0	4.0	4.0	10.0		17.0
15	7.0	11.0	11.0	17.0	5.0	4.0	21.0	4.0	4.0	5.0		17.0
16	18.0	22.0	11.0	6.0	5.0	7.0	4.0	4.0	16.0	10.0		19.0
17	8.0	15.0	7.0	7.0	5.0	11.0	4.0	5.0	8.0	11.0		15.0
18	16.0	21.0	19.0	7.0	4.0	2.0	7.0	6.0	5.0	17.0		16.0
19	21.0	11.0	4.0	6.0	4.0	4.0	4.0	17.0	9.0	12.0		17.0
20	21.0	13.0	7.0	3.0	18.0	4.0	7.0	3.0	8.0	6.0		11.0
21	28.0	8.0	10.0	6.0	3.0	5.0	7.0	5.0	9.0	18.0		6.0
22	12.0	3.0	16.0	17.0	4.0	3.0	5.0	3.0	5.0	5.0		14.0
23	17.0	8.0	10.0	4.0	10.0	6.0	7.0	4.0	17.0	11.0		10.0
24	21.0	13.0	14.0	6.0	5.0	12.0	6.0	9.0	3.0	15.0		15.0
25	26.0	18.0	9.0	10.0	4.0	6.0	7.0	4.0	6.0	10.0		6.0
26	14.0	12.0	6.0	4.0	6.0	5.0	7.0	16.0	13.0	10.0		7.0
27	18.0	11.0	9.0	6.0	17.0	6.0	5.0	5.0	6.0			14.0
28	22.0	9.0	16.0	6.0	4.0	4.0	10.0	10.0	8.0			12.0
29	24.0		17.0	7.0	3.0	3.0	18.0	11.0	6.0			7.0
30	32.0		12.0	6.0	4.0	6.0	7.0	8.0	20.0			5.0
31	39.0		8.0		7.0		9.0	10.0				5.0
NO.:	31	28	31	30	31	30	31	31	29	25	0	25
MAX:	39.0	48.0	19.0	17.0	18.0	17.0	21.0	18.0	20.0	19.0		33.0
MEAN:	19.68	17.89	10.13	7.47	6.84	5.83	7.81	6.94	7.86	10.40		14.28
ANNUAL OBSERVATIONS:		322		ANNUAL MEAN:	10.37		ANNUAL MAX:	48.0				

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. 4, 2018

(44201) Ozone

SITE ID: 49-047-1004 POC: 1
 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: 10028-15-6
 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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.042	.065	.050	.046	.052	.059	.062	.056	.054	.039	.041	.035
2	.041	.057	.052	.042	.054	.058	.060	.051	.060	.038	.042	.034
3	.043	.064	.056	.052	.054	.069	.061	.058	.059	.044	.044	.044
4	.037	.068	.051	.052	.055	.064	.063	.056	.062	.044	.038	.036
5	.042	.069	.050	.051	.048	.058	.058	.055	.055	.051	.039	.034
6	.040	.061	.049	.052	.051	.061	.061	.051		.046	.041	.036
7	.036	.043	.050	.044	.051	.059	.059	.050	.065	.041	.040	.032
8	.038	.045	.046	.051	.058	.056	.057	.047	.056	.046	.030	.030
9	.030	.044	.043	.055	.055	.057	.056	.051	.054	.037	.037	.030
10	.042	.036	.040	.055	.051	.054	.052	.050	.049	.037	.031	.030
11	.042	.044	.046	.052	.054	.055	.056	.054	.054	.042	.040	.027
12	.043	.050	.048	.056	.053	.060	.055	.049	.051	.052	.033	.037
13	.036	.049	.048	.061	.062	.042	.056	.048	.048	.047	.038	.040
14	.040	.048	.046	.064	.061	.054	.056	.047	.035	.047	.042	.041
15	.041	.053	.047	.057	.058	.054	.059	.047	.040	.046	.034	.037
16	.041	.054	.053	.056	.057	.047	.057	.055	.046	.049	.034	.028
17	.046	.051	.053	.049	.055	.044	.053	.061	.047	.050	.043	.031
18	.049	.035	.052	.043	.049	.051	.051	.057	.051	.047	.040	.025
19	.049	.028	.050	.054	.039	.041	.049	.055	.050	.044	.034	.027
20	.047	.034	.045	.058	.046	.048	.056	.051	.045	.044	.028	.046
21	.054	.037	.044	.056	.050	.055	.049	.047	.046	.043	.034	.038
22	.053	.052	.045	.056	.049	.056	.056	.052	.045	.042	.033	.028
23	.042	.051	.045	.058	.052	.059	.061	.049	.041	.042	.030	.038
24	.045	.044	.046	.054	.049	.055	.058	.051	.044	.045	.033	.040
25	.046	.047	.045	.045	.063	.054	.049	.051	.033	.046	.036	.039
26	.049	.050	.047	.046	.053	.054	.045	.049	.043	.039	.033	.039
27	.052	.050	.045	.059	.046	.055	.054	.056	.043	.036	.033	.034
28	.056	.049	.047	.054	.048	.054	.058	.061	.044	.040	.042	.039
29	.063		.048	.052	.053	.059	.055	.055	.046	.043		.038
30	.067		.044	.051	.056	.054	.052	.053	.041	.033	.035	.040
31	.069		.044		.059		.058	.044		.033		.041
NO.:	31	28	31	30	31	30	31	31	29	31	29	31
MAX:	.069	.069	.056	.064	.063	.069	.063	.061	.065	.052	.044	.046
MEAN:	.0458	.0492	.0476	.0527	.0529	.0549	.0559	.0522	.0485	.0430	.0365	.0353
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	.0479		ANNUAL MAX:	.069					

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. 4, 2018

(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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	23.9	46.2	4.8	3.2	4.9	13.0	5.4	7.2	12.0	8.8	5.5	7.5
2	21.3	44.2	5.6	5.3	3.6	19.8	7.3	9.4	12.9	3.4	7.5	14.7
3	8.8	42.7	8.9	2.6	4.6	6.5	10.7	24.0	13.4	4.3	7.1	7.2
4	12.8	41.1	11.8	5.4	5.3	7.0	28.2	28.0	13.8	5.7	7.9	6.8
5	7.0	36.9	5.5	5.2	4.5	17.8	122.1	9.0	24.5	5.9	6.5	22.8
6	11.9	45.7	4.6	4.8	6.3	7.1	24.0	12.4	29.6	3.8	5.5	30.0
7	29.2	14.9	3.8	3.2	4.8	7.2	25.8	18.8	32.2	5.3	4.9	6.4
8	23.0	8.5	4.4	4.3	4.8	9.5	14.2	12.7	25.4	13.4	8.9	7.8
9	23.2	10.3	6.5	5.8	4.7	32.8	8.3	8.4	17.9	9.2	6.4	9.0
10	16.0	19.2	8.0	6.2	4.2	18.0	9.3	6.5	8.1	5.8	7.8	12.1
11	13.9	5.7	5.0	6.9	5.2	18.2	8.6	5.1	7.0	4.9	7.3	15.7
12	6.3	5.9	4.9	6.2	8.0	146.9	11.2	5.3	6.4	8.3	27.0	22.9
13	20.4	8.1	4.8	5.6	7.2	42.2	8.2	3.9	12.1	9.4	5.0	21.5
14	13.7	11.3	4.8	8.3	6.2	20.8	24.4	5.1	5.0	7.9	5.5	11.3
15	11.8	7.8	4.3	4.9	8.0	13.5	25.2	6.4	5.8	3.9	5.2	8.7
16	18.3	15.5	4.2	12.2	6.8	14.2	15.7	4.9	13.5	4.9	18.9	22.1
17	10.4	11.5	4.2	5.6	4.5	40.1	11.5	6.6	8.0	4.9	7.3	10.2
18	16.4	13.7	5.1	4.0	3.9	24.4	10.6	8.5	8.1	16.4	6.3	7.9
19	22.8	5.4	3.8	4.6	2.9	15.7	8.5	6.5	4.7	6.4	7.9	9.3
20	20.2	8.8	6.3	4.2	3.7	13.2	7.5	6.5	6.4	8.2	10.1	6.2
21	42.0	8.7	5.3	3.8	3.3	11.5	5.8	4.9	3.2	6.1	5.2	10.2
22	16.5	5.5	4.7	3.4	4.3	16.8	6.9	6.8	6.8	6.3	5.3	57.4
23	20.0	4.4	3.2	2.7	4.3	14.5	6.2	9.7	4.9	7.2	4.5	24.7
24	16.3	5.4	4.5	3.2	13.2	10.7	6.5	5.3	10.7	13.6	4.6	8.8
25	14.8	6.9	7.6	2.7	45.8	7.7	6.1	4.8	10.3	5.2	5.5	10.9
26	10.6	10.9	3.5	2.4	8.3	23.8	9.0	5.2	5.2	7.2	6.4	5.7
27	37.3	7.1	3.1	2.7	13.3	30.9	4.2	12.7	4.3	5.2	7.3	4.9
28	43.9	5.2	3.0	3.1	8.8	8.5	5.5	16.7	4.2	7.0	8.2	4.0
29	66.3		18.7	3.4	5.7	7.6	6.4	9.8	5.6	6.3	5.3	4.1
30	53.4		4.5	3.4	18.6	5.9	5.3	7.3	4.7	7.5	6.9	7.1
31	46.9		3.9		39.1		6.9	8.3		5.7		4.3
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	66.3	46.2	18.7	12.2	45.8	146.9	122.1	28.0	32.2	16.4	27.0	57.4
MEAN:	22.56	16.34	5.59	4.64	8.67	20.86	14.69	9.25	10.89	7.04	7.59	12.97
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	11.73	ANNUAL MAX:	146.9						

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. 4, 2018

(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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	11.6	22.2	2.6	2.2	2.6	8.5	3.8	5.9	7.9	2.9	3.1	4.5
2	8.9	19.8	2.9	2.8	2.6	4.9	4.8	7.6	11.3	2.1	5.1	4.4
3	3.4	17.9	4.2	1.9	3.5	4.3	7.6	10.7	10.8	2.0	4.1	4.7
4	7.3	21.3	3.5	2.8	3.7	5.7	11.8	15.1	9.4	3.0	3.9	4.0
5	2.8	18.1	3.1	3.3	3.0	7.5	20.6	7.2	19.5	3.9	3.1	7.6
6	4.7	19.0	2.8	3.0	4.3	6.0	13.4	8.5	21.0	2.1	2.8	5.2
7	8.7	6.4	2.1	2.3	3.8	5.3	11.8	11.2	26.1	3.0	3.3	3.2
8	13.1	3.7	2.3	2.4	3.7	6.4	8.1	9.5	15.0	3.9	5.4	4.9
9	17.6	3.6	3.6	3.2	3.5	12.4	6.2	6.3	9.1	2.8	5.3	5.1
10	5.5	3.9	3.1	3.8	3.1	8.4	7.1	4.4	5.8	2.3	3.8	5.3
11	3.8	3.2	2.6	5.0	3.8	4.8	6.6	4.0	5.0	2.9	4.2	7.9
12	2.6	2.8	2.8	4.8	4.2	20.5	8.4	3.5	4.6	4.9	6.7	10.6
13	6.7	3.7	3.0	4.4	5.0	16.4	6.7	3.2	4.2	7.1	2.2	13.0
14	7.8	4.6	2.7	5.7	3.9	8.5	8.4	3.8	2.7	3.0	3.0	6.4
15	5.0	4.4	2.8	3.4	5.1	5.5	6.9	5.3	2.8	2.6	2.3	5.6
16	9.9	7.0	3.0	5.9	4.6	8.2	7.1	4.3	8.5	2.8	5.3	6.9
17	6.6	5.4	2.8	4.0	2.6	11.8	6.0	5.6	5.8	3.2	2.8	5.2
18	8.4	5.3	3.5	2.7	2.1	9.1	6.8	6.2	5.0	4.3	2.9	5.2
19	12.5	4.1	2.8	2.7	2.2	9.3	6.8	4.7	3.1	4.6	3.6	4.9
20	14.3	4.5	4.1	2.9	2.4	10.7	5.0	4.6	4.2	4.5	4.1	4.2
21	22.7	3.0	3.9	2.1	2.3	6.2	4.0	3.9	2.2	2.2	2.6	4.3
22	7.4	2.1	3.3	2.4	3.0	8.9	4.4	5.3	2.7	3.1	2.5	13.1
23	5.8	2.5	1.9	2.1	2.9	6.0	5.6	4.5	2.5	4.0	2.8	12.6
24	6.5	2.9	2.9	2.2	5.5	5.7	4.9	3.4	3.4	3.9	2.4	4.1
25	4.8	3.1	3.2	2.0	10.3	4.7	4.6	3.5	2.9	3.4	3.0	3.8
26	4.8	3.8	2.4	2.0	6.4	7.7	5.0	4.4	2.4	3.3	3.0	2.4
27	9.5	4.0	2.2	2.2	4.8	12.4	3.2	5.9	2.4	3.2	3.5	2.8
28	15.6	3.0	2.0	2.5	4.0	5.5	4.0	11.0	2.9	3.1	3.9	2.3
29	20.4		3.9	2.2	3.8	5.4	4.2	8.2	2.3	2.8	3.2	2.6
30	23.7		2.8	2.1	8.0	3.8	4.0	6.6	3.0	3.1	3.7	2.5
31	23.8		2.5		10.5		5.0	6.6		2.9		2.2
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	23.8	22.2	4.2	5.9	10.5	20.5	20.6	15.1	26.1	7.1	6.7	13.1
MEAN:	9.88	7.33	2.95	3.03	4.23	8.02	6.86	6.29	6.95	3.32	3.59	5.53
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	5.65	ANNUAL MAX:	26.1						

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.7	17.1	5.1	1.3	6.8	4.1	3.2	6.8	5.7			
2	5.4	18.6	11.6	2.1	2.9	3.4	9.9	4.1	11.7			
3	6.5	13.3	8.8	5.4	8.0	2.9	4.0	4.2	3.5			
4	10.9	10.5	7.3	.9	3.5	7.6	5.0	3.2	4.2			
5	2.8	13.6	2.8	5.1	3.8	5.9	7.1	4.7	2.4			
6	5.7	11.7		3.8	2.5	3.4	4.4	2.0	4.3			
7	7.6	6.6	7.1	8.6	3.0	5.2	2.0	3.3	9.9			
8	4.8	3.9	3.5	1.3	10.0	5.1	3.3	10.4	8.0			
9	8.9	9.9	3.3	1.2	7.3	7.8	3.0	5.3	6.0			
10	3.8	8.3	6.6	5.4	2.7	3.4	5.4	2.5	4.5			
11	6.5	1.5	1.7	2.3	7.2	2.1	5.1	8.8	12.9			
12	5.3	9.0		4.7	2.4	2.2	5.3	2.8	7.4			
13	6.7	8.4		7.5	1.5	4.7	6.1	3.7	9.7			
14	3.9	5.2	3.5	3.1	1.2	5.4	4.9	3.8	3.9			
15	4.5	7.6	7.7	1.8	3.7	6.2	3.5	7.7	4.7			
16	8.4	6.6	4.6	4.0	2.7	4.6	3.4	6.8	3.4			
17	7.0	7.6	4.4	4.6	1.6	3.8	4.3	7.2	6.4			
18	4.8	3.9	4.2	3.0	.9	1.7	3.5	5.7	5.2			
19	20.2	5.5	2.5	5.1	.6	2.0	4.3	4.9	1.6			
20	9.2	3.6	3.3	6.3	2.0	6.5	4.8	5.9	3.0			
21	7.7	2.4	6.8	3.2	2.8	7.2	6.0	5.9	1.5			
22	6.0	3.4	6.1	2.7	6.5	5.9	12.8	9.0	3.9			
23	9.0	2.4	2.5	3.3	6.4	1.4	7.1	4.5	3.2			
24	7.9	5.5	1.7	4.6	6.6	1.5	3.5	5.8	2.2			
25	6.4	5.4	4.5	4.3	3.4	2.7	5.9	7.1	5.8			
26	9.3	4.0	5.3	3.1	1.7	7.7	6.5	3.6	8.2			
27	8.4	2.7	3.6	1.9	1.3	6.5	16.4	5.3	7.1			
28	12.2	3.9	4.2	3.7	2.0	9.1	5.4	6.7	4.0			
29	12.8		5.1	.7	1.9	3.2	9.2	3.0	5.2			
30	15.4		2.7	3.0	6.6	1.8	2.5	5.9	4.3			
31	13.2		3.2		11.0		5.6	7.1				
NO.:	31	28	28	30	31	30	31	31	30	0	0	0
MAX:	20.2	18.6	11.6	8.6	11.0	9.1	16.4	10.4	12.9			
MEAN:	8.06	7.22	4.78	3.60	4.02	4.50	5.59	5.41	5.46			
ANNUAL OBSERVATIONS:		270		ANNUAL MEAN:	5.40	ANNUAL MAX:	20.2					

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. 4, 2018

(44201) Ozone

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.042	P .080	.046	.042	.051	.057	.059	.052	.054			
2	.037	P .084	.044	.042		.056	.058	.049	.057			
3	.040	.069	.048	.050	.051	.068	.061	.054	.057			
4	.035	.069	.047	.050	.050	.061	.058	.053	.058			
5	.041	P .076		.054	.045	.056	.060	.051	.054			
6	.040	.071		.051	.050	.060	.060	.050	.060			
7	.035	.049	.047	.044	.051	.058	.057	.045	.068			
8	.042	.047	.041	.050	.056	.050	.053	.047	.055			
9	.039	.041	.043	.051	.051	.052	.055	.052	.051			
10	.043	.037	.036	.055	.052	.046	.055	.050	.049			
11	.044	.043	.046	.051	.054	.047	.052	.050	.054			
12	.038	.045		.054	.051	.057	.055	.048	.052			
13	.040	.046		.056	.059	.042	.056	.049	.046			
14	.041	.046	.048	.059	.057	.051	.056	.045	.036			
15	.041	.050	.044	.057	.055	.051	.056	.046	.042			
16	.044	.047	.049	.055	.056	.042	.053	.056	.049			
17	.045	.041	.052	.048	.053	.043	.051	.057	.051			
18	.045	.033	.048	.044	.048	.050	.051	.053	.053			
19	.046	.030	.049	.053	.038	.038	.046	.052	.051			
20	.051	.035	.044	.056	.045	.044	.055	.049	.048			
21	.052	.033	.042	.054	.052	.055	.052	.046	.047			
22	.049	.048	.042	.057	.050	.054	.056	.047	.043			
23	.047	.048	.045	.055	.049	.057	.061	.046	.041			
24	.048	.043	.048	.051	.046	.056	.051	.049	.043			
25	.049	.044	.042	.045	.059	.052	.040	.050	.036			
26	.053	.047	.047	.047	.049	.052	.047	.048	.041			
27	.056	.047	.041	.060	.044	.052	.052	.053	.042			
28	.059	.047	.041	.052	.049	.051	.055	.056	.048			
29	.067		.048	.048	.051	.058	.052	.052	.048			
30	.072		.043	.051	.056	.052	.051	.050	.044			
31	P .077		.041		.059		.052	.043				
NO.:	31	28	27	30	30	30	31	31	30	0	0	0
MAX:	.077	.084	.052	.060	.059	.068	.061	.057	.068			
MEAN:	.0470	.0499	.0449	.0514	.0512	.0523	.0541	.0499	.0493			
ANNUAL OBSERVATIONS:	268		ANNUAL MEAN:	.0501		ANNUAL MAX:	.084		4 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									4 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12.6	17.1	3.8	3.0	2.3	4.6	3.2	2.9	3.8			
2	12.7	18.4	6.5	3.0	1.6	3.0	4.8	5.5	3.6			
3	5.6	19.1	9.3	3.1	3.2	3.2	3.1	5.1	5.3			
4	6.4	14.6	7.8	1.3	4.3	3.3	4.1	4.1	3.6			
5	8.3	18.8	5.5	4.0	2.9	2.6	3.0	4.1	4.1			
6	8.7	15.6	.9	7.2	5.6	7.0	3.3	2.7	5.4			
7	12.5	16.2	3.1	5.8	2.6	3.1	5.7	3.6	5.5			
8	6.7	9.7	3.8	1.2	4.1	2.7	4.6	3.0	4.2			
9	8.7	8.2	4.9	1.3	2.2	3.9	4.9	2.4	4.0			
10	8.2	13.3	3.0	3.1	2.1	1.5	3.3	2.6	2.0			
11	8.7	9.7	4.2	5.9	3.9	1.9	4.9	2.4	8.8			
12	4.8	6.8	4.8	2.7	5.1	2.0	6.6	3.4	3.6			
13	6.3	8.5	4.5	6.2	1.2	4.8	3.2	3.5	4.3			
14	6.3	11.8	8.4	1.4	6.2	5.1	4.9	3.0	3.8			
15	5.9	9.8	5.4	1.2	3.9	4.4	3.3	4.5	2.6			
16	9.0	10.4	6.1	3.9	2.6	3.1	5.3	3.9	4.5			
17	7.9	8.0	4.9	4.6	1.7	2.9	3.1	3.8	8.2			
18	7.5	6.0	6.3	3.7	1.9	3.6	3.0	4.7	4.3			
19	11.6	4.3	6.2	1.0	2.0	3.4	5.2	4.1	5.8			
20	6.9	5.4	6.4	2.7	2.9	4.0	4.3	2.4	4.4			
21	8.6	5.3	4.9	1.3	2.9	2.1	8.7	2.3	4.5			
22	6.9	2.0	4.0	1.7	3.1		5.6	3.6	1.3			
23	6.4	1.2	1.7	5.7	2.9	4.8	4.2	2.8	1.9			
24	8.8	1.9	2.1	2.2	3.6	4.5	3.6	3.0	1.8			
25	7.2	4.9	5.0	2.5	2.9	4.1	2.4	2.3	3.0			
26	9.1	3.5	1.7	1.6	2.4	3.9	6.1	2.2	4.0			
27	12.6	5.0	3.7	1.5	3.0	3.4	5.2	3.1	4.1			
28	13.0	3.1	1.8	2.3	4.3	4.0	4.2	3.2	2.8			
29	14.3		2.8	4.8	4.0	2.6	2.8	4.1	2.8			
30	13.2		3.3	4.4	4.8	3.8	2.1	3.2	4.7			
31	13.1		2.1		3.9		4.6	4.5				
NO.:	31	28	31	30	31	29	31	31	30	0	0	0
MAX:	14.3	19.1	9.3	7.2	6.2	7.0	8.7	5.5	8.8			
MEAN:	8.98	9.24	4.48	3.14	3.23	3.56	4.30	3.42	4.09			
ANNUAL OBSERVATIONS:		272		ANNUAL MEAN:	4.91	ANNUAL MAX:	19.1					

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. 4, 2018

(44201) Ozone

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.048	P .110	.049	.046	.055	.059	.061	.056	.061			
2	.041	P .103	.052	.044	.058	.063	.060	.053	.061			
3	.041	P .105	.053	.052	.056	.072	.063	.057	.057			
4	.037	P .094	.049	.053	.058	.065	.061	.057	.061			
5	.041	P .111	.051	.055	.050	.060	.061	.054				
6	.038	P .097	.049	.052	.051	.064	.062	.051	.060			
7	.039	.074	.050	.047	.053	.058	.062	.050	.065			
8	.045	.053	.043	.053	.059	.052	.060	.048	.056			
9	.046	.067	.043	.055	.054	.056	.058	.052	.051			
10	.053	.056	.042	.056	.061	.048	.055	.054	.051			
11	.046	.046	.048	.056	.057	.045	.057	.051	.056			
12	.042	.050	.052	.058	.056	.065	.058	.048	.052			
13	.045	.049	.049	.059	.063	.044	.058	.052	.048			
14	.049	.051	.050	.062	.062	.054	.061	.048	.038			
15	.045	.050	.049	.060	.061	.054	.060	.051	.045			
16	.055	.052	.051	.059	.059	.040	.057	.062	.050			
17	.050	.051	.055	.050	.056	.047	.053	.060	.051			
18	.054	.024	.053	.049	.053	.047	.052	.055	.053			
19	.054	.031	.050	.057	.040	.040	.047	.058	.051			
20	.058	.038	.045	.059	.051	.048	.059	.051	.049			
21	.059	.034	.045	.059	.054	.057	.055	.049	.048			
22	.054	.052	.044	.060	.053		.057	.050	.045			
23	.053	.052	.048	.058	.055	.063	.062	.050	.042			
24	.060	.046	.051	.053	.049	.062	.054	.051	.045			
25	.059	.045	.047	.050	.062	.058	.045	.052	.039			
26	.054	.049	.051	.048	.055	.058		.049	.044			
27	.058	.049	.045	.063	.048	.054	.058	.054	.044			
28	.060	.049		.058	.053	.055	.057	.060	.050			
29	.073			.051	.058		.058	.055	.049			
30	P .087		.044	.054	.060	.055	.057	.052	.045			
31	P .097		.050		.062		.061	.044				
NO.:	31	28	29	30	31	28	30	31	29	0	0	0
MAX:	.097	.111	.055	.063	.063	.072	.063	.062	.065			
MEAN:	.0529	.0603	.0486	.0545	.0555	.0551	.0576	.0527	.0506			
ANNUAL OBSERVATIONS:		267	ANNUAL MEAN:	.0542	ANNUAL MAX:	.111						

8 Values marked with 'P' exceed the PRIMARY STANDARD of: .076

8 Values marked with 'S' exceed the SECONDARY STANDARD of: .076

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 40.4835983220
 LONGITUDE: -109.90679622
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1893
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.3	4.7	10.8	11.9	7.9	9.7	6.0	4.5	8.5			
2	2.6	9.4	16.8	10.6	7.5	9.7	7.5	7.1	8.5			
3	2.7	8.6	19.4	6.9	8.1	7.2	6.4	6.4	6.3			
4	3.5	10.5	13.9	4.7	7.1	6.2	5.7	6.2	7.2			
5	2.3	4.7	8.4	10.6	7.4	9.6	6.4	7.8	6.9			
6	2.7	4.9	4.7	10.4	7.6	6.9	5.5	7.8	8.4			
7	10.3	2.2	5.1	11.0	7.9	6.2	5.5	9.5	7.8			
8	7.4	2.0	8.5	9.0	9.4	6.3	8.0	8.6	7.9			
9	7.7	2.8	7.0	8.3	9.4	6.0	5.3	8.1	6.3			
10	2.2	1.1	10.8	11.2	9.1	6.2	6.2	7.4	9.0			
11	1.9	1.5	8.7	11.4	7.1	6.7	11.8	7.3	6.8			
12	1.3	1.5	9.0	8.4	8.5	9.3	10.4	7.1	7.1			
13	3.2	1.7	11.2	6.8	9.4	6.5	8.5	8.2	8.2			
14	2.8	3.0	6.5	8.1	7.3	6.2	7.7	6.5	8.2			
15	3.9	2.2	6.7	7.2	10.3	6.7	5.4	7.7	10.5			
16	3.6	14.2	6.0	8.2	9.9	9.6	8.1	7.5	8.9			
17	2.6	10.3	7.2	8.5	7.2	6.0	6.6	7.9	7.2			
18	4.1	8.4	8.1	11.8	6.9	7.8	8.1	5.4	8.1			
19	6.7	11.6	6.3	8.4	7.7	6.5	6.0	7.5	8.6			
20	7.7	11.5	7.7	7.6	7.3	7.1	12.0	5.9	11.9			
21	8.7	7.3	8.2	8.1	8.9	7.1	10.6	7.6	7.2			
22	3.9	8.0	8.5	10.0	6.7	5.2	8.4	6.5	10.0			
23	4.0		5.9	8.8	9.8	7.7	5.8	9.2	7.8			
24	5.4	7.9	11.0	6.8	6.0	6.7	7.1	5.5	7.7			
25	5.0	11.1	9.8	7.7	10.7	7.5	13.8	6.2	14.7			
26	4.0	9.2	9.0	9.4	8.3	5.8	12.0	7.0	9.1			
27	5.3	8.9	8.9	8.6	6.7	6.4	7.4	5.6	8.7			
28	6.2	7.4	9.4	6.6	8.2	7.5	7.3	6.8	11.7			
29	6.0		10.0	5.2	7.1	5.8	6.3	6.6	9.3			
30	11.1		9.0	8.9	7.3	7.7	5.5	6.1	9.3			
31	9.0		9.2		6.9		5.3	6.7				
NO.:	31	27	31	30	31	30	31	31	30	0	0	0
MAX:	11.1	14.2	19.4	11.9	10.7	9.7	13.8	9.5	14.7			
MEAN:	4.91	6.54	9.09	8.70	8.05	7.13	7.63	7.04	8.59			
ANNUAL OBSERVATIONS:		272		ANNUAL MEAN:	7.53	ANNUAL MAX:	19.4					

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. 4, 2018

(44201) Ozone

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 40.4835983220
 LONGITUDE: -109.90679622
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1893
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.045	.057	.047	.041	.049	.056	.057	.052	.053			
2	.041	.066	.048	.041	.049	.057	.056	.048	.056			
3	.040	.063	.047	.050	.052	.060	.058	.054	.054			
4	.037	.069	.048	.050	.043	.057	.056	.054	.054			
5	.040	.054	.046	.050	.044	.054	.057	.051	.055			
6	.041	.054	.046	.050	.048	.057	.055	.046	.052			
7	.040	.044	.047	.044	.047	.056	.056	.046	.061			
8	.038	.048	.041	.049	.054	.053	.052	.042	.053			
9	.038	.041	.042	.055	.054	.056	.051	.047	.051			
10	.045	.036	.038	.053	.046	.048	.049	.045	.046			
11	.042	.052	.045	.053	.050	.047	.050	.049	.049			
12	.043	.052	.047	.052	.050	.054	.047	.042	.042			
13	.042	.050	.046	.056	.059	.040	.048	.044	.043			
14	.042	.049	.046	.061	.056	.051	.049	.044				
15	.045	.050	.048	.054	.056	.052	.052	.045	.038			
16	.047		.051	.054	.052	.042	.049	.051	.042			
17	.049	.044	.052	.047	.049	.039	.049	.055	.047			
18	.048	.031	.052	.040	.045	.048	.050	.053	.050			
19	.051	.031	.049		.036	.039	.046	.051	.044			
20	.050	.034	.045	.053	.043	.045	.050	.046	.045			
21	.052	.036	.044	.051	.047	.052	.046	.042	.044			
22	.048	.042	.043	.052	.046	.051	.052	.049	.043			
23	.044	.044	.043	.054	.049	.057	.054	.044	.039			
24	.047	.042	.046	.050	.047	.057	.052	.046	.042			
25	.050	.046	.042	.042	.060	.051	.041	.047	.032			
26	.052	.046	.046	.044	.053	.052	.042	.043	.038			
27	.053	.044	.041	.059	.043	.051	.050	.051	.041			
28	.058	.045	.044	.049	.045	.052	.052	.057	.040			
29	.062		.046	.047	.050	.058	.049	.049	.042			
30	P .076		.041	.047	.053	.051	.046	.048	.040			
31	.070		.040		.058		.053	.041				
NO.:	31	27	31	29	31	30	31	31	28	0	0	0
MAX:	.076	.069	.052	.061	.060	.060	.058	.057	.061			
MEAN:	.0476	.0470	.0454	.0499	.0495	.0514	.0508	.0478	.0462			
ANNUAL OBSERVATIONS:		269		ANNUAL MEAN:	.0484	ANNUAL MAX:	.076					

1 Values marked with 'P' exceed the PRIMARY STANDARD of: .076

1 Values marked with 'S' exceed the SECONDARY STANDARD of: .076

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. 4, 2018

(42101) Carbon monoxide

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: 11

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

CAS NUMBER: 630-08-0
 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: (054) INSTRUMENTAL NONDISPERSIVE INFRARE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG END HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .5

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.5	1.3	.6	.2	.3	.3	.4	.3	.3	.1	.8	1.2
2	.4	1.0	.7	.2	.3	.2	.5	.3	.4	.3	.6	1.3
3	.7	1.0	.9	.4	.4	.3	.3	.3	.4	.3	.4	1.3
4	.7	.6	.8	.2	.4	.3	.4	.3	.3	.3	.4	.8
5	.3	.6	.4	.4	.4	.3	.3	.2	.5	.5	.4	1.0
6	.6	.4	.4	.3	.2	.3	.3	.3	.6	.3	.5	1.1
7	.5	.3	.7	.2	.2	.3	.3	.3	.5	.3	.6	1.0
8	.8	.7	.6	.1	.2	.2	.3	.3	.3	.4	.9	1.2
9	.5	.4	.7	.2	.3	.3	.2	.2	.3	.3	1.0	1.3
10	.3	.3	.6	.3	.2	.2	.3	.2	.3	.4	.9	1.3
11	.3	.5	.5	.5	.2	.2	.3	.3	.4	.5	.9	1.3
12	.7	.6	.5	.4	.3	.2	.3	.2	.4	.5	.9	1.6
13	.6	.6	.7	.4	.2	.2	.3	.2	.3	.6	1.0	1.6
14	.6	.8	.8	.2	.2	.3	.3	.2	.1	.5	1.1	.8
15	.3	.7	.7	.2	.4	.3	.3	.2	.3	.5	1.0	1.1
16	.3	.7	.4	.2	.2	.3	.3	.3	.3	.8	1.0	1.2
17	.4	.6	.5	.2	.3	.3	.3	.4	.3	.7	.5	.4
18	.7	.3	.4	.4	.2	.2	.3	.3	.3	.7	.8	.7
19	.7	.4	.4	.2	.3	.3	.3	.3	.3	.1	.7	.8
20	.6	.4	.6	.3	.3	.3	.3	.3	.2	.3	.4	1.3
21	.5	.3	.5	.3	.3	.3	.3	.3	.2	.4	1.4	.3
22	.5	.5	.3	.3	.4	.3	.3	.3	.3	.2	.5	.5
23	.3	.5	.4	.4	.3	.3	.3	.3	.2	.3	.5	1.1
24	.5	.4	.4	.4	.3	.3	.3	.2	.3	.1	.6	.4
25	.3	.6	.2	.3	.2	.3	.2	.3	.3	.3	.8	1.0
26	.4	.6	.1	.4	.3	.3	.2	.3	.4	.8	1.0	.9
27	.5	.5	.2	.2	.3	.2	.2	.3	.4	.5	.7	1.0
28	.5	.6	.2	.3	.3	.3	.3	.5	.3	.6	.9	1.0
29	.6	.3	.3	.3	.3	.3	.3	.4	.3	.6	1.0	1.1
30	1.0	.3	.3	.3	.3	.3	.2	.3	.3	.8	1.2	
31	1.0	.2	.2	.3	.3	.3	.3	.3	.6			
NO.:	31	28	30	30	31	30	31	31	30	31	30	29
MAX:	1.0	1.3	.9	.5	.4	.3	.5	.5	.6	.8	1.4	1.6
MEAN:	.54	.58	.49	.29	.28	.27	.30	.28	.31	.51	.86	.99
ANNUAL OBSERVATIONS:	362		ANNUAL MEAN:		.47	ANNUAL MAX:		1.6				

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

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: 14

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

CAS NUMBER: 10102-44-0
 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: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	46.0	59.0	44.0	20.0	24.0	20.0		23.0	30.0	12.0	36.0	42.0
2	25.0	61.0	53.0	28.0	33.0	21.0		27.0	33.0	24.0	19.0	36.0
3	48.0	44.0	52.0	31.0	28.0	18.0		31.0	17.0	29.0	24.0	32.0
4	43.0	36.0	37.0	25.0	32.0	16.0		26.0	27.0	35.0	17.0	33.0
5	29.0	34.0	16.0	38.0	25.0	18.0		17.0	36.0	30.0	15.0	38.0
6	45.0	19.0	16.0	34.0	13.0	24.0		18.0	37.0	29.0	26.0	37.0
7	46.0	14.0	48.0	18.0	23.0	22.0		23.0	40.0	26.0	35.0	34.0
8	39.0	40.0	54.0	9.0	29.0	23.0		16.0	30.0	19.0	39.0	37.0
9	56.0	30.0	36.0	13.0	25.0	28.0		21.0	22.0	28.0	39.0	38.0
10	31.0	25.0	33.0	31.0	21.0	13.0		19.0	21.0	34.0	43.0	35.0
11	25.0	35.0	34.0	36.0	23.0	13.0		32.0	31.0	46.0	33.0	41.0
12	40.0	35.0	30.0	31.0	21.0	15.0		14.0	29.0	33.0	33.0	48.0
13	37.0	52.0	30.0	23.0	11.0	16.0		14.0	31.0	40.0	40.0	41.0
14	36.0	48.0	33.0	11.0	18.0	16.0		29.0	14.0	31.0	37.0	32.0
15	19.0	50.0	40.0	16.0	37.0	19.0		19.0	18.0	33.0	37.0	35.0
16	24.0	57.0	41.0	18.0	10.0	21.0		29.0	28.0	46.0	33.0	34.0
17	41.0	36.0	34.0	20.0	18.0			35.0	20.0	44.0	13.0	27.0
18	45.0	19.0	28.0	26.0	16.0			28.0	36.0	47.0	31.0	33.0
19	43.0	27.0	28.0	19.0	21.0			22.0	17.0	34.0	33.0	33.0
20	35.0	27.0	35.0	21.0	13.0			13.0	24.0	31.0		32.0
21	35.0	8.0	31.0	21.0	11.0			27.0	24.0	30.0	34.0	23.0
22	35.0	46.0	20.0	31.0	22.0			33.0	21.0	31.0	31.0	34.0
23	38.0	38.0	22.0	22.0	26.0			21.0	19.0	28.0	23.0	36.0
24	50.0	26.0	29.0	24.0	23.0			28.0	10.0	41.0	22.0	27.0
25	27.0	52.0	29.0	20.0	17.0			31.0	21.0	48.0	29.0	29.0
26	34.0	44.0	20.0		24.0			20.0	29.0	37.0	26.0	31.0
27	32.0	35.0	27.0	12.0	14.0			22.0	38.0	31.0	27.0	37.0
28	52.0	45.0	27.0	24.0	16.0			33.0	32.0	34.0	37.0	32.0
29	52.0		41.0	20.0	21.0			36.0	28.0	29.0	35.0	37.0
30	58.0		33.0	23.0	21.0		15.0	26.0	30.0	33.0	37.0	
31	61.0		17.0		25.0		29.0	26.0		34.0		
NO.:	31	28	31	29	31	16	2	31	30	31	29	29
MAX:	61.0	61.0	54.0	38.0	37.0	28.0	29.0	36.0	40.0	48.0	43.0	48.0
MEAN:	39.58	37.21	32.84	22.93	21.32	18.94	22.00	24.48	26.43	33.13	30.48	34.62
ANNUAL OBSERVATIONS:	318		ANNUAL MEAN:	29.64	ANNUAL MAX:	61.0						

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. 4, 2018

(44201) Ozone

SITE ID: 49-049-0002 POC: 2
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.029	.010	.047	.049	.053	.057		.061	.067	.039	.040	.016
2	.027	.026	.035	.039	.048	.062		.067	P .078	.036	.040	.023
3	.020	.029	.037	.053	.056	.064		.062	.067	.034	.042	.042
4	.033	.041	.048	.050	.057	.059		.057	.073	.053	.040	.034
5	.033	.042	.051	.054	.051	.068		.061	.073	.040	.034	.023
6	.028	.039	.044	.047	.054	.064		.053	.065	.041	.030	.016
7	.018	.036	.047	.042	.056	.058		.052	.057	.037	.030	.022
8	.020	.031	.040	.052	.057	.059		.055	.053	.041	.029	.019
9	.027	.027	.039	.050	.060	.058		.057	.045	.035	.033	.018
10	.038	.033	.033	.057	.064	.053	.065	.060	.052	.039	.024	.019
11	.038	.035	.043	.051	.058	.050	.058	.057	.061	.044	.034	.013
12	.022	.040	.047	.060	.055	.053	.064	.053	.058	.040	.027	.007
13	.016	.034	.043	.060	.058	.040	.062	.053	.047	.042	.031	.003
14	.025	.031	.041	.053	.062	.059	.065	.051	.035	.042	.032	.016
15	.032	.039	.047	.054	.058	.061	.075	.058	.043	.041	.025	.013
16	.033	.039	.046	.055	.057	.051	.068	.063	.045	.031	.030	.019
17	.033	.032	.052	.050	.049	.041	.059	.060	.054	.032	.034	.022
18	.025	.040	.054	.051	.046	.053	.056	.062	.052	.031	.033	.016
19	.016	.035	.051	.060	.046	.043	.043	.056	.046	.034	.029	.012
20	.031	.038	.044		.058		.057	.053	.048	.044	.013	
21	.035	.041	.043	.054	.054		.058	.052	.038	.041	.020	.028
22	.032	.039	.043	.059			.062	.053	.040	.038	.015	.027
23	.040	.036	.040	.053	.060		.066	.053	.034	.040	.017	.036
24	.039	.040	.044	.044	.049		.060	.054	.032	.033	.027	.023
25	.038	.039	.041	.041	.064		.051	.051	.036	.039	.020	.014
26	.035	.043	.052	.043	.054		.056	.054	.040	.034	.020	.014
27	.033	.044	.031	.056	.050		.062	.062	.044	.039	.037	.009
28	.035	.043	.042	.042	.057		.053	.067	.040	.038	.033	.012
29	.037		.051	.051	.067		.066	.068	.049	.035	.021	.010
30	.030			.052	.064		.066	.062	.046	.028	.018	
31	.017		.029		.062		.061	.042		.031		
NO.:	31	28	30	29	30	18	22	31	30	31	30	28
MAX:	.040	.044	.054	.060	.067	.068	.075	.068	.078	.053	.042	.042
MEAN:	.0295	.0358	.0435	.0511	.0561	.0561	.0606	.0571	.0506	.0378	.0286	.0188
ANNUAL OBSERVATIONS:	338		ANNUAL MEAN:	.0431		ANNUAL MAX:	.078		1 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									1 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 49-049-0002 POC: 2
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS:

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: (127) R - P Co Partisol Model 2025 Gravi
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	37	109	13	6	12	21	32	22	25	6	31	42
2	9	35	29	7	13	17	27	26	28	10	23	26
3	18	22	33	11	15	17	26	28	24	16	19	31
4	4	13	15	10	20	20	44	27	26	17	14	10
5	8	10	49	11	20	49	38	20	46	23	7	18
6	20	11	4	16	28	28	26	22	56	18	12	30
7	29	9	9	22	17	25	31	21	33	14	12	25
8	11	17		14	18	33	33	16	26	17	20	32
9	3	17	17	3	20	70	21	21	17	13	19	31
10	5	9	19	11	19	32	25	13	14	19	34	24
11	4	9	13	20	15	35	21	16	22	31	19	42
12	11	12	9	18	25	37	21	12	31	49	15	56
13	28	30	16	44	30	6	24	11	24	32	20	51
14	32	41	23	11	13	17	22	30	15	14	24	38
15	19	34	26	9	21	19	21	26	14	13		46
16	21	26	22	11	11	16	27	21	22	28	29	31
17	27	16	22	16	4	15	30	25	16	30	15	11
18		6	26	17	7	10		25	18	33	9	29
19		5	18	7	8	15	70	20	15	28	11	35
20		7	46	10	9	30	16	15	16	53	30	29
21		22	29	6	6	29	20	23	24	11	31	15
22		5	18	8	11	24	21	23	7	9	23	20
23		5	4	9	13	20	26	17	10	18	11	17
24		7	14	10	18	18	18	22	2	25	9	13
25	10	20	5	4	20	16	10	20	9	28	17	26
26	12	12	4	6	19	21	15	21	15	29	10	24
27	22	6	4	5	10	29	21	19	18	21	26	39
28	33	9	9	7	10	21	16	34	18	23	13	34
29	42		12	6	16	19	15	56	14	15	22	37
30	67		10	6	22	22	15	44	12		34	
31	88		8		24		19	16		24		
NO.:	24	28	30	30	31	30	30	31	30	30	29	29
MAX:	88.	109.	49.	44.	30.	70.	70.	56.	56.	53.	34.	56.
MEAN:	23.3	18.7	17.5	11.4	15.9	24.4	25.0	23.0	20.6	22.2	19.3	29.7
ANNUAL OBSERVATIONS:		352		ANNUAL MEAN:	20.9		ANNUAL MAX:	109.				

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. 4, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 49-049-0002 POC: 3
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS: PM10 AT LOCAL CONDITIONS.

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:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	38			7	12							
2			29									
3											19	29
4									28	18		
5								19				
6		11				27	28					
7	31			18	18							
8												
9											18	32
10									14	18		
11												
12		12				36	23					
13	28			50	27							
14			23									
15											14	46
16									23	28		
17								24				
18		5				10	22					
19	16			7	8							
20			46									
21											29	15
22									7	9		
23								16				
24		7				17	18					
25				4	20							
26			4									
27											23	39
28									18	24		
29								56				
30						21	15					
31	90				23							
NO.:	5	4	4	5	6	5	5	4	5	5	5	5
MAX:	90.	12.	46.	50.	27.	36.	28.	56.	28.	28.	29.	46.
MEAN:	40.6	8.8	25.5	17.2	18.0	22.2	21.2	28.8	18.0	19.4	20.6	32.2
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	22.7	ANNUAL MAX:	90.					

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. 4, 2018

(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: 2017

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	28.7	P 59.6	3.6	2.1	3.5	5.6	15.9	7.9	10.9	2.7	7.6	22.9	
2	6.9	11.0	8.7	3.2	4.0	7.6	11.4	9.4	13.9	2.9	5.2	12.6	
3	12.1	9.4	9.9	4.1	4.4	8.0	11.2	11.2	12.9	3.7	3.6	3.6	
4	2.1	4.1	3.0	2.6	5.4	8.0	24.5	11.1	12.7	4.2	3.8	3.7	
5	5.3	3.6	6.5	2.7	5.1	12.2	16.7	9.1	21.6	5.2	2.6	9.3	
6	14.5	2.7	.9	3.2	5.8	12.6	11.1	8.7	28.9	5.3	4.7	16.4	
7	20.5	2.2	2.2	4.1	4.8	9.5	12.3	8.8	11.7	9.5	5.4	14.1	
8	10.0	3.7	3.0	3.5	6.1	8.5	11.7	5.9	9.4	2.8	7.5	17.5	
9	1.7	2.8	3.4	1.4	6.0	13.2	9.5	6.1	8.1	3.7	4.4	16.9	
10	2.0	2.9	4.3	4.4	6.6	8.3	12.1	4.1	7.2	4.5	8.3	14.9	
11	1.4	3.9	3.6	7.4	8.2	12.3	9.7	5.2	8.2	5.6	6.4	21.2	
12	9.3	6.1	2.8	5.5	7.1	14.6	10.9	3.6	7.6	12.6	5.5	28.1	
13	23.0	13.0	3.1	9.1	8.8	4.7		4.5	5.1	12.2	5.3	31.1	
14	24.2	16.4	5.2	2.2	5.6	7.5	9.4	8.1	2.3	3.5	4.4	25.7	
15	16.1	10.1	4.2	3.0	7.2	8.6	8.5	8.5	8.4	4.9	5.7	23.0	
16	14.9	4.2	4.3	3.9	4.8	7.0	7.8	8.6	13.5	7.0	5.4	18.1	
17	15.5	3.5	5.3	3.8	2.0	6.4	10.2	9.3	10.2	7.4	3.4	6.6	
18	16.4	1.6	5.2	3.3	2.6	5.1	7.8	9.3	9.2	9.7	3.6	12.0	
19	11.1	1.8	4.7	3.1	2.8	6.2	7.9	7.6	4.7	6.9	5.9	11.2	
20	11.1	1.9	8.3	4.2	3.7	8.6	4.9	4.8	4.3	8.5	10.5	4.3	
21	5.7		5.6	2.7	2.7	10.2	6.7	6.6	3.3	2.3	12.2	4.3	
22	5.4		3.8	3.5	4.0	8.6	7.7	7.5	2.6	2.8	5.9	7.3	
23	2.0		1.7	3.7	4.9	6.4	9.3	5.1	5.6	3.7	4.1	4.1	
24	7.0		5.1	4.0	5.4	7.1	5.8		1.7	6.6	2.8	5.6	
25	7.9		2.4	1.3	5.4	6.6	4.6	10.4	3.5	7.2	5.1	20.6	
26	9.8		2.2	2.2	5.0	7.5	5.2	7.3	5.1	7.0	3.2	17.8	
27	13.8		2.7	1.9	3.7	9.6	6.0	8.1	5.6	5.6	3.4	18.9	
28	22.8		3.1	2.4	4.3	9.2	6.3	15.0	5.3	6.5	5.0	14.9	
29	32.4		3.8	2.2	6.2	8.3	5.3	17.0	5.0	4.3	9.3	11.9	
30	P 45.5		2.9	2.6	6.2	8.5	5.1	13.1	3.8	5.5	12.3		
31	P 60.4		2.9		6.6		6.6	6.9		7.0			
NO.:	31	20	31	30	31	30	30	30	30	30	31	30	29
MAX:	60.4	59.6	9.9	9.1	8.8	14.6	24.5	17.0	28.9	12.6	12.3	31.1	
MEAN:	14.82	8.23	4.14	3.44	5.13	8.55	9.40	8.29	8.41	5.67	5.75	14.43	
ANNUAL OBSERVATIONS:	353		ANNUAL MEAN:	7.99	ANNUAL MAX:	60.4	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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-0002 POC: 3
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24-HR BLK AVG

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	26.2	P 57.1	2.1	-.1	2.1	3.1	9.6	3.7	6.2	.9	4.7	18.9
2	3.9	9.2	6.6	1.7	2.0	2.8	6.8	6.2	9.3	2.3	2.3	10.6
3	8.5	5.3	8.0	2.5	2.1	3.4	6.5	6.6	8.1	1.9	1.0	1.4
4	.0	2.1	.3	1.9	4.5	5.2	19.1	8.3	7.4	1.4	.9	1.8
5	3.8	2.1	3.4	1.6	2.2	6.2	13.0	5.3	18.8	4.4	.7	5.8
6	11.3	-.3	-.4	1.3	1.4	6.9	4.5	4.7	24.5	4.1	3.0	13.3
7	17.7	-.8	.5	1.8	1.4	3.4	7.3	5.4	8.7	1.8	2.7	10.7
8	7.8	.8	.9	1.1	3.5	3.5	7.7	3.3	6.8	.3	4.4	14.2
9	-.8	-.4	1.6	.0	3.4	6.4	4.0	2.8	6.6	1.8	3.5	10.6
10	.5	-.8	3.0	2.3	3.4	3.8	5.3	3.3	5.6	2.6	6.2	11.5
11	-.8	1.9	2.4	5.8	2.3	3.4	4.4	.6	6.1	3.4	4.7	16.4
12	6.3	3.8	.2	3.1	4.0	3.5	6.3	.0	5.9	10.4	4.0	23.7
13	17.4	9.5	.9	4.7	3.3	.2	5.4	2.4	3.7	8.9	4.6	21.9
14	19.8	12.3	2.0	.5	3.5	3.7	6.6	3.0	1.3	1.9	2.8	21.2
15	12.1	7.5	3.2	1.6	4.0	4.3	5.8	1.6	7.4	3.2	2.9	14.2
16	10.7	3.5	2.3	1.9	2.0	2.1	5.3	4.2	10.6	6.3	2.6	15.1
17	12.6	2.0	2.7	.4	.0	1.7	7.8	5.0	6.3	4.2	1.5	4.5
18	13.3	-.6	1.3	-.1	2.6	1.4	6.9	4.7	3.0	5.6	3.1	8.6
19	7.3	.0	2.5	.5	1.2	2.4	7.1	4.3	.2	3.8	5.0	8.4
20	7.5	.0	4.4	2.4	3.1	3.6	3.1	3.0	1.7	2.2	9.1	1.6
21	2.9	.1	2.9	.6	.9	5.0	3.9	1.4	.9	.2	11.0	1.1
22	2.6	1.6	.3	2.4	1.9	2.9	6.4	3.0	.9	1.2	4.0	4.3
23	.0	.0	-.7	.7	2.8	2.0	7.6	3.1	4.9	2.0	2.0	2.0
24	4.5	1.1	4.8	1.7	3.4	3.6	4.6	1.9	.5	4.5	.0	2.9
25	5.7	3.8	1.6	-.7	2.5	3.0	9.1	3.9	2.8	5.2	2.9	16.2
26	7.1	2.8	2.1	.6	3.3	2.2	2.0	4.4	3.5	4.7	1.2	13.0
27	10.8	.4	.4	.0	2.4	4.0	2.9	3.3	3.3	3.6	2.0	15.1
28	16.7	1.3	2.3	1.1	.9	4.4	3.9	7.0	2.9	5.3	3.0	11.5
29	21.9		3.2	.1	4.0	2.6	2.0	11.6	3.3	2.8	7.0	8.7
30	P 38.0		1.7	1.5	4.9	3.3	1.9	7.7	3.0	4.1	9.4	
31	P 47.8		1.8		3.8		3.5	4.9		6.0		
NO.:	31	28	31	30	31	30	31	31	30	31	30	29
MAX:	47.8	57.1	8.0	5.8	4.9	6.9	19.1	11.6	24.5	10.4	11.0	23.7
MEAN:	11.07	4.48	2.20	1.43	2.67	3.47	6.14	4.34	5.81	3.58	3.74	10.66

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-0002 POC: 3
 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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	37.2	79.8	5.8	2.6	9.7	9.5	60.7	9.7	13.3	6.8	16.7	28.4
2	8.6	21.6	13.5	6.6	9.1	7.1	18.9	13.8	12.9	14.2	5.7	21.4
3	20.5	16.8	15.7	7.4	6.2	9.1	22.2	14.3	13.2	4.5	4.8	18.3
4	8.4	6.8	4.5	3.9	9.4	12.4	128.1	15.7	12.7	4.5	3.2	5.7
5	8.5	9.6	22.0	5.5	6.0	13.5	61.6	13.0	38.3	13.8	3.7	13.7
6	16.4	3.7	7.5	4.3	4.1	17.8	11.0	11.9	36.4	16.8	10.1	23.1
7	26.9	3.8	6.2	5.9	4.3	16.1	12.4	8.7	19.1	6.1	7.6	16.7
8	16.7	5.6	5.7	11.3	9.6	12.4	13.1	10.0	11.7	3.6	12.4	25.4
9	4.6	3.2	5.9	3.5	6.7	18.1	8.4	9.7	12.4	6.0	7.9	20.4
10	3.6	3.3	6.7	6.6	10.1	9.2	13.3	9.7	10.9	6.2	19.0	41.1
11	2.6	11.3	6.0	9.2	8.9	15.6	8.7	4.9	15.1	20.0	11.6	26.2
12	13.3	9.4	4.6	6.7	10.6	12.9	14.6	4.6	11.8	22.6	12.4	40.9
13	28.2	13.2	6.2	21.5	8.4	3.9	11.6	10.7	12.2	15.3	10.7	35.4
14	29.4	17.6	9.1	5.2	7.7	7.3	13.8	9.5	5.7	10.0	17.0	29.1
15	20.9	13.0	10.1	7.7	11.2	10.7	17.7	10.2	19.7	10.6	9.4	26.1
16	19.7	10.1	7.8	5.1	9.7	8.6	12.7	9.1	17.8	28.6	9.6	29.6
17	24.0	9.2	9.8	4.2	4.1	5.0	20.3	10.1	12.2	9.5	6.4	12.2
18	20.0	2.6	5.1	4.0	6.0	5.0	18.4	12.2	7.2	10.7	13.3	14.2
19	10.9	4.4	7.0	4.6	9.3	8.9	18.2	8.1	5.4	9.3	9.8	16.3
20	15.4	10.5	11.6	6.4	8.3	7.2	12.9	10.0	7.0	20.2	27.1	12.1
21	13.7	6.2	8.8	3.4	5.2	9.8	10.1	5.8	8.8	4.5	22.5	5.9
22	8.8	7.7	6.0	8.0	6.4	8.3	14.5	9.7	6.7	3.8	12.9	8.9
23	4.6	4.8	4.6	4.0	8.3	4.2	19.2	8.1	11.0	6.2	14.6	8.9
24	9.3	6.6	10.1	7.0	7.9	9.7	13.5	6.5	4.8	9.6	3.8	9.7
25	9.5	12.8	4.5	2.5	7.4	6.6	18.5	11.7	6.9	8.8	9.7	28.3
26	12.5	10.0	6.2	12.5	10.7	5.0	8.7	12.6	10.2	7.7	10.6	24.8
27	19.3	3.5	4.8	4.6	8.3	8.2	11.7	12.5	7.8	9.8	10.9	31.1
28	35.9	8.2	5.6	6.2	9.4	8.8	8.2	13.7	6.3	10.7	8.7	30.0
29	36.4		7.4	4.0	11.0	8.2	6.8	33.5	9.0	7.3	13.0	18.2
30	51.8		5.6	5.0	9.5	7.7	8.3	15.0	10.3	11.0	15.7	
31	69.6		4.8		8.9		9.1	10.6		14.8		
NO.:	31	28	31	30	31	30	31	31	30	31	30	29
MAX:	69.6	79.8	22.0	21.5	11.2	18.1	128.1	33.5	38.3	28.6	27.1	41.1
MEAN:	19.59	11.26	7.72	6.31	8.14	9.56	20.23	11.15	12.56	10.76	11.36	21.45
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	12.50	ANNUAL MAX:	128.1						

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. 4, 2018

(81102) PM10 Total 0-10um STP

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:

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: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	32	116		5	8	21	25	25	29	6	25	43
2	10	35		5	27	19	34	31	32	8	22	20
3	12	19		12	18	20	33	33	29	14	16	36
4	4	8	10	10	22	20	71	21	32	15	14	6
5	8	7	61	9	23	42	44	21	49	22	6	20
6	18	8	3	14	24	26	27	22	60	15	10	26
7	18	9	5	17	16	23	39	24	33	11	12	29
8	13			7	18	33	32	17	29	15	24	34
9	3			2	20	71	20	26	21	10	14	29
10	3		18	8	24	33	25	13	19	15	43	23
11	3	5	13	16	13	23	23	17	33	17	19	43
12	10	9	9	16	25	43	22	15	39	37	14	56
13	29	24	16	59	27	7	27	13	23	27	18	51
14	31	36	20	12	14	18	29	33	14	12	20	37
15	24	32	16	9	20	22	27	30	13	14	16	44
16	20	15	18	13	12	23	41	28	20	26	25	30
17	58	15	21	17	4	15	33	31	15	44	15	11
18		3	26	15	7	11	25	27	18	41	7	26
19	13	3	17	6	8	25	34	23	16	24	8	42
20	13	1	46		15	52	18	18		40	27	33
21	7	18	23	6	6	32	28	29		6	28	14
22	7	2	16	7	11	25	24	30	5	9	24	22
23	2	2	3	9	13	25	30	19	8	10	12	12
24	12	6	11	10	19	21	27	27	2	22	8	13
25	13	8	5	4	18	18	10	23	8	27	17	32
26	14	6	4	4	17	21	15	25	12	32	8	29
27	22	4	2	6	12	33	17	24	13	23	16	39
28	36	7	7	9	12	25	17	38	15	23	15	42
29	39		13	7	17	21	16	49	10	14	21	31
30	63		11	5	31	21	15	70	10	28	31	12
31	82		7		21		21	17		27		14
NO.:	30	25	26	29	30	30	31	31	28	31	30	31
MAX:	82.	116.	61.	59.	31.	71.	71.	70.	60.	44.	43.	56.
MEAN:	20.6	15.9	15.4	11.0	17.0	26.3	27.4	26.4	21.7	20.5	17.8	29.0
ANNUAL OBSERVATIONS:		352		ANNUAL MEAN:	21.0		ANNUAL MAX:	116.				

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. 4, 2018

(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:
 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: 2017

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	27.0	P 63.0	3.6	2.2	3.3	6.9	6.7	8.1	10.3	3.3	5.4	22.5
2	7.4	13.1	7.9	2.8	9.5	4.7	8.5	10.0	12.7	6.0	4.7	10.0
3	9.2	9.9	10.6	3.7	5.2	13.1	11.3	11.8	13.6	3.5	3.6	3.1
4	1.7	2.9	3.3	2.9	6.1	7.0	P 46.6 +	8.7	13.6	6.0	3.1	3.0
5	6.1	3.2	7.4	3.2	7.3	9.6	13.1	9.3	18.4	6.2	2.8	8.4
6	17.7	2.5	.9		5.9	8.3	12.3	8.1	27.6	4.0	3.8	15.9
7	24.3	2.2	1.3	4.9	4.9	11.8	12.2	7.9	10.0	3.5		16.9
8	12.7	2.3	2.3		6.3	11.5	12.6	6.4	9.1	2.7	7.7	18.8
9	2.6	2.0	3.6	1.6	10.9	16.4	9.8	6.4	7.8	2.7	3.6	17.3
10	2.1	2.3	4.3	5.0	10.1	7.5	7.7	4.3	6.8	3.8	10.0	15.0
11	2.1	3.7	4.9	8.0	7.8	6.0		4.3	12.3	4.3	7.7	21.6
12	10.1	6.4	3.1	5.4	6.9	8.1	8.4	4.8	12.2	14.2	6.0	27.0
13	24.4	12.5	2.9	10.8	6.8	16.5	7.7	6.8	13.1	10.7	4.7	31.9
14	26.4		3.6	2.5	4.9	10.0	9.1	7.2	3.7	3.6	7.1	26.7
15	22.4	18.0	3.2	3.4	8.0	12.4	8.6	8.1	8.7	6.4	4.4	24.2
16	17.0	12.0	3.9	3.9	4.4	12.1	9.1	9.1	12.9	9.1	5.3	18.9
17	19.2	4.2	4.6	4.3	2.1	5.4	10.5	11.9	9.5	12.3	3.3	8.0
18		1.3	5.4	3.1	3.7	6.9	9.4	8.8	9.1	11.2	3.7	11.9
19	9.8	2.7	4.8	3.7	3.4	5.6	10.3	7.1	6.0	7.9	5.6	12.8
20	10.3	1.2	9.7	3.8	6.2	9.7	4.4	4.9	5.5	9.7	9.8	3.3
21	6.4	2.9	5.3	2.6	2.9	8.4	8.6	5.7	4.7	3.0	11.0	5.3
22	5.8	2.9	5.0	3.1	5.0	6.4	9.5	4.8	2.3		6.8	8.1
23	1.8	1.5	1.3	3.4	6.8	4.2	11.3	7.8	5.1	2.8	5.1	2.9
24	28.9	2.6	5.1	4.0	5.3	5.8	10.8	5.8	1.7	7.4	2.3	7.2
25	14.7	4.1	2.6		6.5	7.9	6.1	9.4	3.6	6.8	5.0	26.0
26	27.4	3.5	3.2		6.9	6.1	4.9	6.4	4.8	8.1	2.6	20.2
27	P 36.8	2.3	1.7		4.3	6.5	5.1	8.4	4.7	6.3	2.2	19.7
28		3.8	2.8	2.6	5.4	6.4	5.8	12.4	5.4	8.0	4.9	16.6
29	P 53.4		5.6	2.4	10.5	4.8	5.0	13.5	4.6	4.1	10.3	13.1
30	P 62.5		3.7	3.3	8.5	5.1	4.8	15.0	5.1	5.6	12.5	4.0
31			3.9		8.1		6.4	8.4				8.2
NO.:	28	27	31	25	31	30	30	31	30	29	29	31
MAX:	62.5	63.0	10.6	10.8	10.9	16.5	46.6	15.0	27.6	14.2	12.5	31.9
MEAN:	17.51	7.00	4.24	3.86	6.25	8.37	9.89	8.12	8.83	6.24	5.69	14.47
ANNUAL OBSERVATIONS:	352		ANNUAL MEAN:	8.41	ANNUAL MAX:	63.0	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. 4, 2018

(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:
 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: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	26.6	P 61.0		2.6	4.8							
2		12.6	9.0									
3		9.1									3.9	3.9
4		2.8							12.0	4.0		
5		3.1						9.0				
6		2.4				8.9	10.0					
7	22.8	2.1		4.7	5.9							
8		2.2	2.4									
9		2.0									4.1	17.5
10		2.0							6.3	4.0		
11		3.3						4.1				
12		5.6				8.5	9.0					
13	23.4	11.8		10.8	8.5							
14		16.3	4.0									
15		11.4									6.4	24.3
16		4.0							12.7	7.2		
17		3.7						8.6				
18		1.8				5.1	8.9					
19	10.1	2.2		3.2	2.7							
20	9.3	1.2	8.6									
21	6.1	2.8									11.0	5.7
22	5.7								2.4	2.9		
23	1.4							4.9				
24	6.9	2.4				5.5	9.4					
25	9.6			1.4	5.8							
26	10.9		3.1									
27	14.9										2.4	
28	26.0								5.2	8.0		
29	P 35.6							12.5				
30	P 51.2					6.2	4.8					
31	P 60.7				7.4							

NO.:	16	22	5	5	6	5	5	5	5	5	5	4
MAX:	60.7	61.0	9.0	10.8	8.5	8.9	10.0	12.5	12.7	8.0	11.0	24.3
MEAN:	20.08	7.54	5.42	4.54	5.85	6.84	8.42	7.82	7.72	5.22	5.56	12.85

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 3
 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:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1442
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	34.8		8.4	5.0	7.0	17.3	24.2	11.8	26.2	5.7		
2	10.5		11.7	6.9	6.0	9.8	13.5	16.5	27.4	3.6		
3	20.7		16.1	6.7	7.7	14.2	33.7	15.8	34.5	5.6		
4	2.4		12.6	6.6	8.8	8.9	395.7 +	15.2	28.4	5.8		
5	11.2		22.8	6.8	8.8	11.8	58.7		43.0	8.1		
6	38.0		1.7	8.6	9.2	11.8	12.7		49.4 +	4.8		
7	25.0		3.8	11.2	7.3	10.5	11.4		31.7	5.5		
8	19.6		7.0	4.0	7.8	15.1	31.2		29.2	7.1		
9	4.0		9.1	3.4	10.6	20.9	12.0		32.1	5.1		
10	3.4		9.7	8.2	11.9	8.7	17.2		33.1	6.5		
11	4.4		12.0	16.8	6.8	11.5	8.9		38.0	7.6		
12	15.6		9.7	7.9	6.6	18.6	12.5		38.2	19.5		
13	25.4		11.9	30.9	7.3	7.4	15.6		27.2	11.2		
14	28.2		8.5	5.3	6.7	12.0	18.0		6.7	6.4		
15	26.8		6.4	6.5	4.9	9.3	13.9		20.9	7.6		
16	19.9		5.6	5.7	8.7	9.9	14.6		18.4	10.7		
17	32.8		10.8	6.6	5.8	7.3	18.0		13.6	12.9		
18	29.9		8.0	5.1	5.3	8.5	18.4		12.1	14.2		
19	14.7		8.2	8.5	5.7	8.7	12.2		7.6	6.9		
20	12.9		16.8	5.7	17.2	18.6	13.9		10.1	10.8		
21	15.4		8.9	7.9	7.2	10.1	13.5		8.4	6.8		
22	11.6	15.8	6.3	9.5	8.0	11.0	22.1			4.4		
23	2.9	2.9	5.6	7.3	6.9	6.0	19.8			5.2		
24	10.6	4.6	13.2	5.3	18.0	9.7	38.5			9.0		
25	14.2	6.1	7.8	2.7	6.2	8.4	11.5					
26	11.6	8.4	10.5	3.6	5.9	8.1	10.0					
27	21.1	7.2	3.5	3.2	10.1	8.5	8.7					
28	38.9	13.9	6.4	5.9	22.8	9.0	10.4					
29	52.3		10.4	4.4	16.0	7.5	10.0	33.9				
30	52.7		7.2	5.3	15.6	9.6	8.3	20.9				
31	65.3		10.8		12.6		13.5	18.1				
NO.:	31	7	31	30	31	30	31	7	21	24	0	0
MAX:	65.3	15.8	22.8	30.9	22.8	20.9	395.7	33.9	49.4	19.5		
MEAN:	21.83	8.41	9.40	7.38	9.34	10.96	29.76	18.89	25.53	7.96		
ANNUAL OBSERVATIONS:		243	ANNUAL MEAN:	15.02	ANNUAL MAX:	395.7						

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 3
 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:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	24.1		3.3	1.1	1.9	5.1	5.8	6.1	18.1	2.7		
2	4.6		7.3	2.4	2.6	4.5	7.0	7.7	20.5	1.5		
3	7.2		9.9	3.2	3.8	4.5	8.7	9.9	21.3	.9		
4	.7		3.5	2.6	5.4	5.7	P 39.9 +	7.7	19.6	1.4		
5	5.0		5.3	3.0	3.7	6.2	11.4		26.4	2.2		
6	13.8		.0	2.4	4.6	5.5	7.8		35.0 +	2.8		
7	16.9		.9	3.4	3.2	5.8	8.2		20.8	2.2		
8	10.3		1.8	1.8	4.7	5.4	9.8		21.8	1.4		
9	.5		2.9	.3	5.0	7.8	5.1		25.0	1.9		
10	.0		4.1	4.0	6.3	3.8	7.1		25.0	2.6		
11	1.2		5.0	6.7	3.8	3.5	4.9		26.5	2.4		
12	7.1		3.2	4.4	3.8	3.9	6.6		24.6	10.0		
13	18.8		2.8	7.6	4.1	2.3	7.5		12.6	6.9		
14	20.7		2.8	1.5	3.6	4.6	8.7		4.6	1.9		
15	18.9		2.3	3.1	2.6	2.8	7.2		10.5	3.1		
16	12.3		2.7	3.1	2.6	5.4	8.2		13.0	5.2		
17	14.7		4.4	2.4	1.4	3.3	7.9		10.3	6.4		
18	18.2		4.1	3.1	3.1	3.5	6.9		7.9	7.4		
19	7.0		3.1	3.7	2.0	4.0	5.1		5.6	3.2		
20	5.2		5.9	3.1	4.3	6.0	3.4		5.5	3.4		
21	4.3		3.2	2.4	3.1	6.3	6.5		4.1	2.7		
22	3.9	2.7	2.1	2.8	4.3	5.3	8.1			1.5		
23	-1.2	.1	1.6	2.9	3.7	3.0	7.8			.6		
24	5.1	2.4	5.3	2.1	5.0	4.3	7.2			3.9		
25	7.0	3.0	2.7	.3	3.1	3.4	3.5					
26	8.8	3.3	3.1	1.9	2.4	4.2	4.3					
27	11.0	2.1	1.2	1.5	4.2	4.7	2.6					
28	21.5	3.3	2.9	1.6	4.6	3.5	2.4					
29	28.8		4.7	1.6	6.3	4.5	4.3	14.2				
30	P 37.6		3.4	3.1	6.3	3.5	4.0	14.4				
31	P 48.2		3.7		4.9		5.5	12.9				
NO.:	31	7	31	30	31	30	31	7	21	24	0	0
MAX:	48.2	3.3	9.9	7.6	6.3	7.8	39.9	14.4	35.0	10.0		
MEAN:	12.33	2.41	3.52	2.77	3.88	4.54	7.53	10.41	17.08	3.26		
ANNUAL OBSERVATIONS:	243		ANNUAL MEAN:	6.55	ANNUAL MAX:	48.2	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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 5
 COUNTY: (049) Utah
 CITY: (45090) Lindon
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL
 MONITOR COMMENTS: 16

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: 3

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: 2017

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												11.8
2												8.2
3												9.6
4												13.1
5												14.6
6												13.9
7												11.1
8												9.0
9											11.3	8.5
10											20.1	7.1
11											12.1	15.1
12											9.4	17.5
13											10.2	31.9
14											15.1	23.5
15											12.7	17.3
16											11.7	18.9
17											12.8	9.8
18											16.4	8.0
19											7.8	10.7
20											16.9	6.1
21											17.7	7.5
22											8.2	14.1
23											7.9	6.5
24											8.1	11.0
25											12.1	19.2
26											6.3	13.7
27											5.0	20.1
28											8.1	
29											10.9	27.5
30											9.0	6.7
31												29.9
NO.:	0	0	0	0	0	0	0	0	0	0	22	30
MAX:											20.1	31.9
MEAN:											11.35	14.06
ANNUAL OBSERVATIONS:	52		ANNUAL MEAN:	12.92		ANNUAL MAX:	31.9					

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 5
 COUNTY: (049) Utah
 CITY: (45090) Lindon
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL
 MONITOR COMMENTS: 16

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: 3

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: 2017

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												9.6	
2												4.6	
3												1.2	
4												2.4	
5												7.0	
6												8.2	
7												7.0	
8												7.5	
9											3.4	6.9	
10											9.2	6.2	
11											6.7	8.8	
12											4.6	12.3	
13											3.6	18.6	
14											4.0	15.7	
15											4.1	11.7	
16											4.5	10.3	
17											3.0	3.3	
18											4.4	6.1	
19											4.0	6.8	
20											7.4	2.1	
21											9.5	4.4	
22											5.2	5.9	
23											4.6	2.1	
24											2.3	5.0	
25											6.1	12.2	
26											2.8	10.2	
27											1.2	12.0	
28											4.7		
29											7.0	10.0	
30											6.7	2.8	
31												5.4	
NO.:	0	0	0	0	0	0	0	0	0	0	0	22	30
MAX:												9.5	18.6
MEAN:												4.95	7.54
ANNUAL OBSERVATIONS:	52		ANNUAL MEAN:		6.45		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. 4, 2018

(44201) Ozone

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: 10028-15-6
 LATITUDE: 40.1363362851
 LONGITUDE: -111.66050219
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.030	.022	.046	.050	.023	.055	.068	.060	.072		.042	.026
2	.042	.028	.044	.039	.047	.060	.059	.066		.042	.043	.032
3	.039	.038	.047	.060	.054	.059	.067	.060		.052	.044	.043
4	.041	.042	.049	.055	.046	.054	.066	.055		.062	.038	.034
5	.041	.044	.053	.057	.046	.067	.060	.056		.056	.037	.032
6	.034	.043		.050	.046	.061	.065	.054		.042	.035	.025
7	.038	.039	.044	.042	.048	.056	P .079	.050		.045	.035	.028
8	.037	.035	.039	.053	.048	.057	.067	.054		.045	.030	.023
9	.034	.029	.040	.053	.063	.056	.061	.057		.038	.040	.025
10	.041	.042	.035	.061	.069	.050	.060	.055		.041	.031	.026
11	.040	.042	.043	.051	.058	.048	.059	.062		.050	.041	.022
12	.028	.044	.046	.065	.054	.051	.063	.050		.049	.033	.013
13	.027	.039	.045	.064	.060	.036	.061	.054		.046	.036	.005
14	.028	.040	.043	.058	.063	.053	.063	.050		.043	.036	.023
15	.035	.038	.047	.057	.060	.060	.067	.057		.045	.031	.022
16	.040	.046	.049	.055	.056	.046	.064	.063		.044	.032	.028
17	.038	.038	.056	.051	.054	.047	.062	.064		.041	.039	.030
18	.036	.041	.053	.049	.051	.056	.056	.068		.043	.036	.024
19	.035	.036	.052	.059	.044	.048	.043	.059		.036	.036	.025
20	.038	.037	.045	.053	.057	.050	.056	.054		.046	.027	.043
21	.038	.047	.044	.057	.057	.063	.054	.055		.043	.027	.034
22	.043	.051	.048	.055	.063	.066	.054	.050		.038	.022	.030
23	.050	.044	.043	.052	.063	.069	.059	.059		.043	.020	.037
24	.046	.046	.049	.040	.051	.075	.060	.057		.042	.032	.032
25	.044	.044	.042	.044	.063	.062	.055	.052		.043	.027	.024
26	.038	.052	.052	.044	.057	.059	.060	.051		.040	.029	.022
27	.038	.053	.041	.054	.050	.056	.062	.063		.041	.042	.023
28	.044	.047	.044	.040	.051	.054	.060	.072		.044	.036	.028
29	.045		.050	.050	.063	.062	.067	.069		.038	.028	.025
30	.047		.045	.049	.062	.067	.065	.065		.028	.028	.034
31	.037		.036		.059		.063	.046		.036		.036
NO.:	31	28	30	30	31	30	31	31	1	29	30	31
MAX:	.050	.053	.056	.065	.069	.075	.079	.072	.072	.062	.044	.043
MEAN:	.0385	.0410	.0457	.0522	.0544	.0568	.0615	.0576	.0720	.0437	.0338	.0275
ANNUAL OBSERVATIONS:	333		ANNUAL MEAN:	.0467		ANNUAL MAX:	.079		1 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									1 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(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: SLAMS

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

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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	27.5	P 75.3	4.8	1.9	3.5	7.1	4.6	6.5	9.5	2.7	7.3	22.8
2	6.0	15.1	4.6	2.5	4.9	5.7	6.0	7.9	13.3	2.4	9.7	11.2
3	8.4	5.4	3.1	3.4	5.7	6.1	10.8	10.5	12.9	2.8	4.6	7.1
4	2.5	3.3	2.1	2.7	5.8	8.0	11.5	9.7	14.6	3.9	4.0	4.0
5	4.2	2.5	5.9	2.5	5.9	11.8	14.5		26.2	4.8	2.5	7.7
6	14.9	2.5	.6	3.4	8.0	9.5	10.9		33.9	4.7	5.0	11.6
7	16.0	2.1	2.1	4.3	5.4	8.7	11.7	7.6	13.3	3.1		13.7
8	1.9	2.8	1.7	3.3	7.5	8.1	11.6	5.3	17.6	2.2		13.0
9	2.4	3.3	2.4	1.6		12.0	10.8	4.4	13.3	3.4	5.0	12.1
10	2.5	2.3	2.9	4.5		8.1		3.5	9.4	2.8	7.9	14.7
11	1.6	2.3	3.2	7.9		7.6	3.0	3.9	8.8	6.0	6.1	23.8
12	7.6	5.4	2.1	5.5	6.3	8.3	7.8	2.8	11.7	12.5	3.9	27.6
13	25.4	11.5	2.9	9.9	4.8	3.5	7.5	3.5	7.3	11.9	4.0	30.2
14	24.0	12.3	4.0	2.1	3.9	4.7	7.9	8.7	2.8	3.9	4.3	22.2
15	19.1	8.6	3.5	2.6	5.9	7.0	7.4		6.9	4.0	4.1	19.5
16	21.0	2.7	4.3	3.7	6.0	7.6	7.0		12.0	6.4	5.1	16.6
17	19.6	2.2	4.3	4.0		4.3	11.9		9.2	4.9	2.6	5.1
18	14.0	1.5	4.9			2.5	7.3		5.5	7.1	1.9	8.8
19	7.1	1.6	4.1			3.2			3.8	5.7	2.7	6.8
20	9.5	1.7	7.7		4.2	4.8	3.4		4.3	8.6	9.2	3.0
21	5.9	2.1	5.4	2.0	3.8	8.4	4.4		2.7	3.1	9.4	3.6
22	1.8	3.3	4.8	2.4	5.5	6.0	7.0		2.1	2.4	4.8	
23	1.8	3.1	1.3	2.5	8.0	4.1	9.4		4.9	3.2	3.0	
24	6.2	2.2	3.7	3.3	7.6	4.8	6.0	4.3	2.0	5.9	2.0	
25	6.4	4.3	1.3	1.2	6.3	5.2	4.1	4.7	3.0	5.8	4.4	
26	8.7	4.0	1.4	2.0	5.3	8.3	4.5	5.1	4.8	6.6	1.7	
27	14.1	2.3	2.3	2.0	3.2	13.4	4.9	10.6	4.5	6.2	2.9	10.7
28	22.2		2.4	2.0	5.0	7.5	4.3	16.8	4.3	6.2	4.8	10.0
29	33.5		3.8	2.4	6.5	5.9	3.7	19.4	3.5	4.1	8.4	6.4
30	P 48.0		2.6	2.9	7.8	4.0	4.1	14.5	3.8	4.9	9.9	3.6
31	P 63.7		2.6		9.1		5.1	5.8		7.0		5.0
NO.:	31	27	31	27	25	30	29	20	30	31	28	26
MAX:	63.7	75.3	7.7	9.9	9.1	13.4	14.5	19.4	33.9	12.5	9.9	30.2
MEAN:	14.44	6.88	3.32	3.28	5.84	6.87	7.35	7.78	9.06	5.14	5.04	12.34
ANNUAL OBSERVATIONS:	335		ANNUAL MEAN:	7.28		ANNUAL MAX:	75.3		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. 4, 2018

(42602) Nitrogen dioxide (NO2)

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: 10102-44-0
 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: (099) INSTRUMENTAL GAS PHASE CHEMILUMINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2.7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7.0		10.0	3.0	4.0	9.0	9.0		4.0	5.0	9.0	25.0
2	6.0			1.0	6.0	11.0	3.0		22.0	2.0	17.0	10.0
3	19.0			7.0	1.0	7.0	7.0		4.0	15.0	16.0	7.0
4	22.0			13.0	9.0	5.0	10.0	5.0	5.0	26.0	6.0	4.0
5	24.0			13.0	5.0	6.0	7.0	3.0	5.0	12.0	5.0	5.0
6	13.0			12.0	4.0	5.0	3.0	5.0	4.0	3.0	24.0	13.0
7	13.0			8.0	2.0	5.0	13.0	4.0	17.0	24.0	8.0	9.0
8	7.0			5.0	6.0	5.0	8.0	9.0	7.0	2.0	21.0	7.0
9	9.0			2.0	8.0	12.0	4.0	8.0	12.0	2.0	22.0	17.0
10	23.0	5.0		16.0	3.0	2.0	5.0	14.0	11.0	18.0	24.0	14.0
11	9.0	3.0		14.0	7.0	2.0	11.0	4.0	17.0	25.0	15.0	20.0
12	8.0	1.0		16.0	3.0	5.0	6.0	4.0	8.0	13.0	20.0	18.0
13	5.0	15.0		4.0	6.0	4.0	10.0	3.0		8.0	21.0	25.0
14	1.0	26.0		4.0	1.0	8.0	4.0	5.0	12.0	6.0	22.0	5.0
15	1.0	16.0		9.0	6.0	7.0	5.0	7.0	11.0	15.0	24.0	22.0
16	15.0	15.0		9.0	3.0	7.0	2.0	7.0	5.0	20.0	24.0	24.0
17	26.0			7.0	4.0	8.0	4.0	13.0	7.0	22.0	22.0	3.0
18	22.0	5.0		7.0	7.0	3.0	6.0	11.0	3.0	26.0	11.0	25.0
19	6.0	5.0		9.0	8.0	5.0	6.0	6.0	8.0	23.0	11.0	27.0
20	7.0	5.0		4.0	2.0	7.0	11.0	3.0	4.0	16.0	24.0	29.0
21	6.0	8.0		1.0	1.0	9.0	5.0	10.0	3.0	12.0	24.0	3.0
22	4.0	13.0		9.0	2.0	6.0	2.0	6.0	13.0	19.0	22.0	18.0
23	4.0	11.0		3.0	6.0	3.0	2.0	7.0	5.0	19.0	15.0	18.0
24	8.0	21.0	13.0	10.0	4.0	2.0	5.0	9.0	2.0	7.0	19.0	18.0
25	8.0	9.0	4.0	1.0	5.0	4.0	2.0	6.0	15.0	24.0	17.0	16.0
26	4.0	5.0	6.0	10.0	5.0	3.0	7.0	5.0	10.0	15.0	13.0	25.0
27	7.0	3.0	3.0	9.0	1.0	6.0	5.0	5.0	16.0	3.0	20.0	25.0
28	5.0	7.0	.0	1.0	2.0	9.0	11.0	6.0	10.0	5.0	15.0	15.0
29	12.0		7.0	.0	2.0	7.0	3.0	6.0	26.0	15.0	19.0	22.0
30	15.0		3.0	6.0	16.0	8.0		9.0	11.0	16.0	22.0	21.0
31	20.0		4.0		4.0			10.0		3.0		13.0
NO.:	31	18	9	30	31	30	29	28	29	31	30	31
MAX:	26.0	26.0	13.0	16.0	16.0	12.0	13.0	14.0	26.0	26.0	24.0	29.0
MEAN:	10.84	9.61	5.56	7.10	4.61	6.00	6.07	6.79	9.55	13.58	17.73	16.23
ANNUAL OBSERVATIONS:		327		ANNUAL MEAN:	9.77	ANNUAL MAX:	29.0					

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. 4, 2018

(44201) Ozone

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: 10028-15-6
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.037	.035	.047	.056	.053	.059	.063		.056	.049	.032	.022
2	.039	.043	.045	.045	.048	.059	.068		.054	.042	.032	.026
3	.035	.041	.047	.049	.059	.061	.065		.051	.044	.035	.036
4	.022	.040	.052	.051	.060	.058	.064	.053	.049	.052	.032	.031
5	.046	.040	.054	.054	.059	.060	.057	.054	.050	.047	.032	.031
6	.046	.036	.048	.050	.056	.055	.062	.057	.051	.042	.031	.028
7	.036	.029	.046	.052	.053	.056	.062	.054	.050	.037	.034	.033
8	.023	.032	.042	.062	.059	.060	.058	.048	.045	.038	.034	.031
9	.031	.028	.043	.056	.050	.061	.060	.048	.046	.036	.029	.027
10	.032	.034	.040	.059	.055	.052	.054	.045	.044	.041	.031	.027
11	.040	.045	.044	.056	.060	.054	.063	.049	.046	.041	.036	.023
12	.039	.037	.046	.065	.061	.052	.062	.047	.038	.045	.027	
13	.038	.044	.044	.060	.071	.051	.062	.044		.048	.026	.032
14	.032	.046	.044	.067	.065	.054	.062	.053	.040	.041	.025	.037
15	.042	.042	.045	.057	.060	.057	.059	.053	.052	.041	.027	.032
16	.043	.039	.047	.059	.064	.057	.054	.040	.051	.038	.027	.031
17	.036	.043	.050	.049	.052	.054	.057	.044	.047	.038	.035	.030
18	.029	.042	.050	.045	.049	.035	.052	.042	.049	.027	.035	.028
19	.038	.045	.048	.059	.047	.048	.053	.046	.053	.034	.031	.026
20	.038	.033	.048	.062	.055	.056	.052	.040	.051	.038	.026	.038
21	.042	.030	.046	.058	.056	.063	.057	.043	.043	.039	.025	.035
22	.040	.053	.048	.054	.057	.061	.051	.048	.046	.034	.020	.033
23	.047	.045	.047	.067	.053	.061	.056	.045	.041	.031	.019	.028
24	.043	.045	.049		.066	.059	.055	.048	.037	.037	.019	.029
25	.040	.045	.048	.055	.061	.062	.042	.041	.041	.036	.023	.026
26	.042	.049	.049	.050	.060	.055	.052	.044	.040	.034	.022	.023
27	.046	.052	.049	.062	.052	.050	.054	.046	.044	.039	.035	.025
28	.045	.048	.047	.056	.061	.064	.055	.045	.046	.032	.032	.025
29	.044		.050	.046	.069	.062		.047	.045	.030		.025
30	.037		.051	.052	.062	.066		.047	.052	.028	.028	.023
31	.035		.042		.056			.052		.037		.024
NO.:	31	28	31	29	31	30	28	28	29	31	29	30
MAX:	.047	.053	.054	.067	.071	.066	.068	.057	.056	.052	.036	.038
MEAN:	.0382	.0408	.0470	.0556	.0577	.0567	.0575	.0473	.0468	.0386	.0290	.0288
ANNUAL OBSERVATIONS:	355		ANNUAL MEAN:	.0453		ANNUAL MAX:	.071					

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. 4, 2018

(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: 2017

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	6.6	7.3	7.0	6.0	9.4	10.1	10.7	.5	49.2	5.8	10.5	
2	5.2	1.2	4.2	4.5	18.5	10.1	10.6	2.4	57.1	6.4	6.9	
3	6.2	2.5	5.2	4.1	16.1	9.8	8.0	16.0	7.1	6.3	6.1	
4	16.8	1.8	3.6	4.1	30.1	9.2	22.5	16.5	35.6	9.0	5.3	
5	13.5	.6	28.4	5.3	47.9	15.7	13.5	14.6	52.7	7.7	5.5	
6	19.2	1.0	3.1	15.4	34.0	9.9	9.2	9.0	6.0	5.5	6.1	
7	13.3	1.3	4.9	14.3	53.3	8.0	18.9	9.0	11.4	5.2	5.1	
8	9.8	2.7	6.7	10.7	31.2	7.9	14.5	11.3	10.3	33.9	10.0	
9	5.0	9.0	6.0	8.6	22.4	10.0	7.7	9.5	10.5	17.9	8.6	
10	21.5	.8	5.8	8.6	8.6	20.4	10.0	8.2	6.4	4.0	9.8	
11	4.0	2.0	5.1	10.0	9.3	8.6	28.5	21.8	7.7	6.8	9.9	
12	3.9	4.5	1.7	9.9	9.9	11.5	11.0	13.3	7.7	10.2	15.0	
13	2.7	3.3	4.3		9.8	7.8	9.3	10.9	5.8	11.5	13.2	10.5
14	4.7	8.8	5.6	7.5	7.3	6.1	8.2	7.3	9.2	10.3		16.2
15	4.3	7.0	8.8	6.7	10.6	5.5	7.4	5.8	6.7	12.4		11.5
16	5.1	5.7	8.4	5.2	5.8	6.6	11.7	4.7	10.0	12.0		16.7
17	11.4	.7	11.8	10.8	8.9	6.1	18.5	6.0	10.8	16.3		5.0
18	10.3	1.0	14.3	23.1	3.7	6.7	16.7	6.7	5.3	12.2		13.4
19	4.2	1.2	9.5	36.0	4.8	17.4	9.1	6.0	6.8	10.0		11.6
20	3.0	1.9	14.8	10.7	4.0	12.7	7.3	8.0	7.1	9.2		11.1
21	3.5	2.6	8.7	30.7	9.0	14.2	7.5	4.1	7.0	10.3		1.5
22	1.1	2.0	10.4	12.5	8.8	10.8	8.1	7.9	6.3	7.2		8.0
23	1.0	6.2	4.7	10.8	5.0	30.2	8.7	22.6	4.3	17.4		9.2
24	5.2	6.3	5.2	29.4	9.9	27.1	17.1	17.5	4.6	10.2		17.2
25	5.3	6.8	7.8	14.1	10.6	92.8	10.9	23.6	3.9	14.5		22.5
26	3.0	5.4	2.9	9.9	12.3	8.5	11.8	26.5	5.3	14.0		12.0
27	7.6	1.4	3.4	12.6	8.5	6.9	11.5	81.0	6.3	8.4		10.6
28	5.8	2.1	4.8	10.7	5.0	7.5	5.1	63.1	4.2	11.7		8.5
29	11.5		3.6	7.0	7.3	10.3	16.8	64.2	5.3	11.8		12.9
30	6.7		31.2	5.6	8.8	15.3	7.9	16.3	5.2	10.8		17.6
31	7.8		5.3		9.1		9.6	6.8		9.6		14.8
NO.:	31	28	31	29	31	30	31	31	30	31	13	19
MAX:	21.5	9.0	31.2	36.0	53.3	92.8	28.5	81.0	57.1	33.9	15.0	22.5
MEAN:	7.39	3.47	7.97	11.89	14.19	14.12	11.88	16.81	12.53	10.92	8.62	12.15
ANNUAL OBSERVATIONS:		335		ANNUAL MEAN:	11.13		ANNUAL MAX:	92.8				

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. 4, 2018

(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: 2017

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	3.2	3.7	.6	3.1	4.2	7.8	8.1	.1	8.3	4.2	7.4	
2	1.3	.2	1.0	2.2	1.2	6.7	8.0	1.1	22.5	3.5	5.4	
3	2.5	.3	1.4	2.5	4.9	7.5	6.5	5.4	4.6	4.0	4.1	
4	6.1	.3	1.2	3.2	6.2	7.0	7.5	6.3	9.0	6.1	4.1	
5	6.1	.1	5.8	3.2	8.0	7.5	8.0	5.8	13.5	5.7	3.4	
6	4.2	.2	1.0	2.9	9.2	8.2	6.6	5.6	4.0	3.4	3.4	
7	5.9	.3	.7	5.2	10.8	6.4	10.1	5.4	7.3	3.2	3.8	
8	4.2	.8	3.2	5.3	14.4	6.4	9.0	7.4	8.2	7.9	4.6	
9	2.9	.9	3.4	4.1	8.6	7.7	6.1	4.9	5.8	5.5	5.8	
10	3.2	.2	2.2	5.4	5.8	5.6	8.1	4.6	4.1	2.6	5.9	
11	1.6	.6	.7	7.4	6.5	4.7	13.5	7.3	5.4	4.4	5.4	
12	2.1	2.8	.5	7.2	7.1	5.8	8.3	6.4	6.2	4.8	8.6	
13	2.1	1.7	.5		7.2	4.8	6.7	4.6	3.4	7.3	9.2	5.4
14	2.4	2.9	2.0	4.6	6.2	4.1	5.7	5.2	6.1	6.1		10.6
15	2.6	3.0	1.5	4.8	6.4	3.0	6.0	4.2	3.6	5.3		6.8
16	3.7	2.0	2.2	1.8	4.9	3.9	6.9	3.7	6.9	5.0		6.8
17	4.8	.1	3.8	2.2	4.3	4.9	8.6	3.9	6.8	8.7		2.0
18	4.0	.1	4.4	3.6	2.6	4.0	9.1	3.3	3.5	8.0		6.1
19	2.1	.3	2.8	3.2	2.9	5.3	5.0	3.8	3.9	7.4		5.6
20	2.0	1.3	6.1	5.9	2.2	9.4	3.5	4.4	4.8	7.3		4.1
21	1.7	1.0	5.3	1.7	5.2	11.2	5.2	2.6	4.5	5.6		.8
22	.1	.7	3.5	2.9	6.2	8.2	4.8	2.2	3.3	4.5		3.3
23	.1	2.2	3.0	5.4	3.6	12.0	5.8	4.2	3.1	7.4		5.4
24	2.5	1.7	3.2	6.4	4.3	11.5	7.4	4.3	3.0	4.8		6.1
25	2.5	3.1	3.0	4.7	6.1	34.0	4.3	4.7	2.7	6.5		7.6
26	2.2	3.0	1.4	2.8	8.4	6.1	4.5	6.3	3.8	9.8		4.9
27	2.8	.1	1.3	1.8	5.0	5.0	3.8	27.7	4.3	4.2		4.7
28	1.7	.1	3.1	2.4	3.1	5.3	2.4	18.5	3.1	4.8		4.6
29	3.5		2.4	3.4	3.9	6.6	4.1	12.8	3.5	8.1		5.9
30	3.3		4.9	3.1	6.0	6.0	1.8	4.8	3.3	6.9		6.3
31	2.5		3.6		6.4		2.8	4.3		7.2		7.3
NO.:	31	28	31	29	31	30	31	31	30	31	13	19
MAX:	6.1	3.7	6.1	7.4	14.4	34.0	13.5	27.7	22.5	9.8	9.2	10.6
MEAN:	2.90	1.20	2.57	3.88	5.86	7.55	6.39	5.99	5.75	5.81	5.47	5.49
ANNUAL OBSERVATIONS:		335		ANNUAL MEAN:	4.88		ANNUAL MAX:	34.0				

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. 4, 2018

(44201) Ozone

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (80530) Virgin
 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: 10028-15-6
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQA0: (0745) National Park Service

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.036	.042		.054	.052	.058	.062	.055	.060	.055	.041	.034
2	.038	.045	.048	.044	.046	.059	.067	.053	.059	.047	.039	.040
3	.037	.043	.048	.051	.057	.059	.063	.056	.056	.052	.043	.046
4	.027	.041	.053	.052	.058	.056	.062	.054	.053	.057	.039	.039
5	.045	.042	.053	.054	.058	.058	.057	.052	.053	.055	.038	.037
6	.044	.036	.048	.049	.055	.053	.062	.057	.056	.050	.039	.037
7	.040	.032	.047	.052	.052	.055	.059	.053	.055	.042	.040	.039
8	.028	.034	.043	.061	.058	.058	.057	.048	.052	.044	.044	.039
9	.036	.031	.046	.055	.051		.059	.051	.050	.040	.038	.035
10	.035	.035	.043	.060	.052		.053	.046	.048	.045	.042	.035
11	.041	.041	.045	.059	.058		.065	.050	.050	.049	.045	.033
12	.041	.033	.046	.064	.060		.060	.048	.043	.054	.038	.032
13	.039	.040	.044	.059	.069		.062	.044	.036	.058	.041	.034
14	.036	.043	.045	.067	.063		.063	.055	.048	.047		.041
15	.038	.046	.051	.056	.059		.057	.054	.056	.050	.035	.039
16	.039	.042	.049	.059	.062		.053	.041	.055	.048	.033	.035
17	.036	.044	.051	.046	.053	.053	.057	.045	.051	.044	.039	.034
18	.035	.039	.050	.042	.050	.031	.052	.043	.055	.036	.041	.033
19	.037	.045	.048	.059	.046	.044	.054	.048	.059	.044	.039	.034
20	.040	.034	.048	.061	.055		.057	.051	.042	.056	.046	.046
21	.042	.032	.046	.057	.054	.062	.056	.047	.046	.046	.036	.041
22	.039	.052	.048	.052	.057	.060	.049	.049	.050	.039	.029	.038
23	.046	.044	.049	.065	.052	.059	.055	.048	.045	.040	.025	.036
24	.043	.045	.048	.064	.065	.054	.053	.051	.041	.044	.028	.035
25	.040	.045	.049	.055	.059	.059		.043	.044	.046	.031	.037
26	.043	.049	.048	.049	.059	.054	.051	.047	.044	.042	.031	.033
27	.044	.052	.048	.061	.050	.049	.054	.048	.052	.047	.047	.032
28	.043	.048	.048	.055	.059		.063	.055	.048	.038	.042	.033
29	.042		.049	.044	.067	.062	.053	.050	.053	.039	.043	.036
30	.040		.052	.051	.060	.064	.053	.049	.060	.041	.042	.035
31	.039		.042		.056		.052	.056		.047		.035
NO.:	31	28	30	30	31	22	30	31	29	31	29	31
MAX:	.046	.052	.053	.067	.069	.064	.067	.057	.060	.058	.047	.046
MEAN:	.0390	.0413	.0478	.0552	.0565	.0558	.0569	.0494	.0512	.0462	.0380	.0365
ANNUAL OBSERVATIONS:	353		ANNUAL MEAN:	.0477		ANNUAL MAX:	.069					

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. 4, 2018

(42101) Carbon monoxide

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: 630-08-0
 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: (054) INSTRUMENTAL NONDISPERSIVE INFRARE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG END HOUR

UNITS: Parts per million

MIN DETECTABLE: .5

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.3	.8	.3	.5	.5	.4		.5	.7	.7	1.0	.7
2	1.2	1.2	.7	.6	.3	.5		.6	.8	.7	.6	.7
3	.9	1.1	.8	.8	.5	.6		.6	.8	.9	.9	.9
4	.9	1.4	.9	.6	.4	.7		.7	.7	.6	.9	.5
5	.8	1.5	.2	.8	.5	.4		.6	1.0	.8	.5	.5
6	1.2	.6	.2	.7	.5	.5		.7	1.0	.9	.7	.6
7	.9	.6	.3	.4	.3	.5		.4	.9	1.0	.8	.7
8	2.3	.8	.6	.4	.3	.5		.5	.7	.8	1.0	.8
9	2.3	1.7	.8	.5	.4	.4	.2	.5	.6	.8	1.1	1.0
10	.8	1.7	.7	.7	.4	.4	.3	.5	.6	1.1	1.4	.9
11	.4	.6	.6	.8	.4		.3	.6	.7	.5	1.5	.8
12	.5	.7	.8	1.0	.5		.3	.4	.8	.5	1.1	.2
13	.6	.8	.9	.7	.4		.3	.5	.6	.7	1.2	.3
14	.8	1.0	.8	.5	.5		.4	.5	.5	.5		.8
15	1.1	1.3	.8	.6	.4		.3	.5	.6	.7		1.0
16	.6	1.1	.7	.8	.3		.3	.5	.3	.7	.8	.4
17	.8	1.1	.8	.7	.4		.4	.6		.8	.1	.5
18	.8	.7	.9	.7	.4		.4	.6		.9	.4	.8
19	.9	.7	.6	.4	.3		.4	.7		.7	.6	.9
20	.7	.8	.8	.4	.5		.5	.8		.5	.6	.7
21	.6	.5	.6	.3	.4		.4	.6		.5	.8	.2
22	.9	.3	.5	.4	.4		.5	.7		.5	.8	.4
23	.3	.2	.7	.5	.5		.5	.5		.6	.9	.2
24	.3	.3	.9	.5	.5		.4	.5		.7	.6	.3
25	.4	.4	.6	.3	.3		.3	.6		.8	.7	.9
26	.7	.5	.7	.3	.4		.3	.7		.8	.8	1.1
27	.9	.5	.6	.3	.4		.4	.7	.7	.8	.7	1.2
28	.6	.6	.5	.2	.5		.5	.6	.7	.9	.6	1.1
29	.8		.9	.3	.5		.5	.7	.9	1.0	.7	1.2
30	.7		.5	.5	.5		.5	.5	1.0	.8	.9	1.3
31	.5		.4		.5		.5	.6		.8		.7
NO.:	31	28	31	30	31	10	23	31	20	31	28	31
MAX:	2.3	1.7	.9	1.0	.5	.7	.5	.8	1.0	1.1	1.5	1.3
MEAN:	.82	.84	.65	.54	.42	.49	.39	.58	.75	.75	.80	.73
ANNUAL OBSERVATIONS:		325		ANNUAL MEAN:	.66		ANNUAL MAX:	2.3				

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. 4, 2018

(42602) Nitrogen dioxide (NO2)

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: 10102-44-0
 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: MULTIPLE METHODS
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	32.0	45.0	45.0	33.0	38.0	29.0		33.0	36.0	25.0	41.0	40.0
2	65.0	52.0	49.0	41.0	33.0	30.0		36.0	39.0	36.0	43.0	37.0
3	54.0	47.0	51.0	42.0	29.0	41.0		42.0	31.0	26.0	32.0	36.0
4	52.0	38.0	41.0	41.0	38.0	29.0		38.0	34.0	28.0	35.0	36.0
5	55.0	39.0	5.0	43.0	41.0	26.0		43.0	45.0	37.0	29.0	37.0
6	57.0	23.0	11.0	38.0	18.0	37.0		41.0	41.0	37.0	29.0	40.0
7	58.0	42.0		11.0	19.0	44.0		28.0	40.0	37.0	41.0	40.0
8	65.0	39.0		8.0	18.0	7.0		27.0	44.0	29.0	39.0	40.0
9	47.0	33.0		36.0	26.0	15.0		31.0	30.0	32.0	44.0	39.0
10	38.0	31.0		39.0	28.0	24.0		38.0	29.0	39.0	41.0	37.0
11	37.0	33.0		45.0	48.0	13.0		32.0		42.0	39.0	42.0
12	49.0	38.0		47.0	37.0		29.0	20.0		38.0	39.0	36.0
13	46.0	41.0		10.0	30.0		40.0	26.0		40.0	43.0	39.0
14	49.0	40.0	41.0	12.0	26.0		31.0	29.0		32.0	42.0	38.0
15	48.0	34.0	45.0	35.0	29.0		24.0	24.0		37.0	40.0	45.0
16	53.0		37.0	37.0	12.0		31.0	30.0		43.0	28.0	43.0
17	52.0		44.0	12.0	26.0		33.0	33.0		44.0	31.0	33.0
18	51.0	36.0	43.0	39.0	23.0		26.0	37.0		46.0	35.0	38.0
19	57.0	30.0	39.0	32.0	24.0		36.0	39.0		48.0	36.0	39.0
20	54.0	27.0	41.0	37.0	40.0		29.0	37.0	30.0	33.0	36.0	37.0
21	46.0	10.0	39.0	35.0	29.0		45.0			39.0	36.0	35.0
22	45.0	30.0	25.0	35.0	28.0		43.0			34.0	35.0	44.0
23	47.0	22.0	34.0	33.0	30.0		34.0		23.0	38.0	27.0	33.0
24	16.0	50.0	43.0	34.0	25.0		39.0		16.0	37.0	30.0	42.0
25	50.0	41.0	40.0	19.0	30.0		12.0		27.0	48.0	34.0	48.0
26	51.0	42.0	29.0	25.0	42.0		21.0		32.0	42.0	30.0	46.0
27	57.0	43.0	38.0	21.0	34.0		24.0		42.0	38.0	36.0	46.0
28	59.0	44.0	37.0	16.0	29.0		37.0	40.0	34.0	39.0	35.0	46.0
29	58.0		37.0	31.0	24.0		36.0	35.0	40.0	38.0	38.0	48.0
30	52.0		23.0	30.0	31.0		32.0	33.0	33.0	30.0	39.0	53.0
31	40.0		14.0		27.0		33.0	34.0		34.0		42.0
NO.:	31	26	24	30	31	11	20	24	18	31	30	31
MAX:	65.0	52.0	51.0	47.0	48.0	44.0	45.0	43.0	45.0	48.0	44.0	53.0
MEAN:	49.68	36.54	35.46	30.57	29.42	26.82	31.75	33.29	34.22	36.97	36.10	40.48
ANNUAL OBSERVATIONS:	307		ANNUAL MEAN:	35.83	ANNUAL MAX:	65.0						

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. 4, 2018

(44201) Ozone

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: 10028-15-6
 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: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.024	.012	.042	.045	.054	.062	.075	.061	.067	.039	.034	.022
2	.015	.008	.044	.040	.043	.060	.069	.067	.073	.035	.036	.012
3	.011	.019	.037	.052	.048	.067	.065	.066	.069	.045	.035	.034
4	.031	.034	.048	.048	.056	.066	.075	.061	.062	.040	.032	.031
5	.028	.039	.050	.052	.061	.059	.075	.059	.065	.036	.036	.026
6	.023	.036	.041	.049	.056	.070	P .079	.057	.075	.038	.039	.024
7	.021	.027	.048	.044	.055	.065	.071	.070	.065	.040	.036	.020
8	.008	.032	.035	.050	.047	.062	.073	.054	.063	.039	.031	.017
9	.022	.008	.037	.046	.054	.057	.062	.059	.056	.036	.024	.019
10	.037	.035	.025	.051	.058	.048	.068	.067	.056	.037	.007	.019
11	.033	.041	.040	.047	.066	.054	.061	.071	.061	.045	.032	.011
12	.018	.044	.043	.059	.059	.056	.069	.056	.055	.026	.026	.010
13	.023	.039	.043	.061	.060	.034	.072	.056	.050	.041	.018	.003
14	.030	.034	.043	.050	.053	.050	.070	.052	.033	.040	.031	.014
15	.037	.031	.047	.051	.054	.059	.074	.059	.048	.039	.027	.014
16	.030	.027	.042	.052	.052	.040	.061	.066	.042	.033	.033	.020
17	.026	.035	.048	.047	.048	.054	.064	.057	.053	.033	.034	.024
18	.028	.036	.052	.046	.047	.053	.066	.055	.055	.034	.035	.011
19	.006	.035	.048	.053	.045	.057	.053	.063	.045	.040	.026	.012
20	.018	.038	.034	.051	.052	.058	.064	.054	.046	.004	.004	.037
21	.030	.044	.046	.049	.054	.064	.073	.052	.041	.019	.019	.034
22	.039	.044	.036	.061	.055	.058	.069	.048	.039	.014	.014	.038
23	.038	.035	.035	.054	.057	.062	.065	.052	.036	.062	.014	.039
24	.036	.040	.046	.045	.052	.073	.064	.054	.024	.037	.024	.023
25	.033	.040	.039	.039	.061	.061	.063	.060	.036	.039	.017	.006
26	.033	.045	.048	.041	.049	.069	.063	.059	.037	.036	.013	.011
27	.027	.044	.037	.053	.047	.050	.059	.063	.045	.036	.033	.011
28	.030	.041	.041	.045	.056	.047	.059	.061	.047	.038	.026	.013
29	.035		.046	.050	.058	.052	.065	.061	.050	.038	.024	.009
30	.029		.042	.045	.065	.062	.059	.052	.045	.029	.017	.016
31	.016		.045		.066		.059	.057		.030		.028
NO.:	31	28	31	30	31	30	31	31	30	26	30	31
MAX:	.039	.045	.052	.061	.066	.073	.079	.071	.075	.045	.039	.039
MEAN:	.0263	.0337	.0422	.0492	.0545	.0576	.0666	.0590	.0513	.0374	.0259	.0196
ANNUAL OBSERVATIONS:	360		ANNUAL MEAN:	.0437		ANNUAL MAX:	.079		1 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									1 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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. 4, 2018

(81102) PM10 Total 0-10um STP

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: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	33	69	10	5	12		26	25	33	8	26	31
2	24	73	25	8	9		27	30	34	7	36	35
3	27	56	38	10	14		34	38	27		24	40
4	30	18	22	9	18		107	40	25		9	7
5	11	15	26	13	19		40	31	64	15	4	17
6	23	19	5	26	20		33	38	72	15	8	21
7	30	8	6	24	16		32	43	56	15	11	24
8	51	18	18	3	18	33	36	28	34	11	18	32
9	11		20	3	18	58	25	30	25	13	32	31
10	6	10	25	10	20	23	20	20	18	19	45	26
11	5	8	16	17	24	30	22	24	25	25	21	40
12	15	10	18	19			26	14	26	24	18	38
13	24	22	19	31	19	8	34	15	19	28	35	35
14	30	31	28	6	11	12	31	28	15	12	24	36
15	25	40	32	8	18	17	22	16	20	13	28	42
16	29	42	35	17	9	17	26	23	27	30	124	23
17	36	43	32	18		12	37	25	21	33	4	10
18	50	7	35	14	4	13	28	24	26	35	12	28
19	63	3	19	7	6	19	29	26	9	32	17	33
20	36	8	41	9	10	39	22	24	15	48	30	47
21	7	10	51	5	7	34	25	27	7	9	33	11
22	6	3	14	11	11	20	31	28	6	9	27	23
23	3	3	5	13	14	24	32	17	7	25	16	5
24	3	6	15	10	25	22	34	19	4	20	13	12
25	11	10	5	3	13	20	14	25	11	23	17	34
26	18	8	4	4	11	28	12	21	12	26	20	40
27	32	8	6	6	11	25	15	22	14	21	36	37
28	36	11	8	5		23	18	31	12	24	12	42
29	37		12			17	18	34	16	17	17	54
30	46		7	9		19	18	37	12	18	26	30
31	55		4				23	27		23		19
NO.:	31	27	31	29	25	22	31	31	30	29	30	31
MAX:	63.	73.	51.	31.	25.	58.	107.	43.	72.	48.	124.	54.
MEAN:	26.2	20.7	19.4	11.1	14.3	23.3	28.9	26.8	23.1	20.6	24.8	29.1
ANNUAL OBSERVATIONS:	347		ANNUAL MEAN:		22.6	ANNUAL MAX:		124.				

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. 4, 2018

(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: 2017

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	30.2	P 48.4	2.6	2.4	3.6	6.4		8.3	11.8	3.4	5.8	17.9
2	20.1	P 58.4	7.2	4.1	3.2	5.8		11.5	14.3		6.0	22.0
3	22.6	P 39.8	8.2	4.5	3.8	7.4		15.8	11.3	2.1	6.2	11.7
4	18.4	8.4	3.9	2.7	5.0	8.0		16.6	10.0	3.0	4.3	3.7
5	6.6	6.9	3.0	4.7	5.8	10.7		13.2	29.0	5.0	2.5	7.0
6	14.7	8.2	1.2	4.6	4.6	9.6		17.4	P 39.0 +	6.1	3.1	10.2
7	21.3	3.6	1.4	5.4	4.4	7.8		19.7	23.9	4.7	4.6	10.1
8	P 45.8	5.2	3.2	1.6	5.7	7.1	9.9	13.4	9.5	3.2	8.1	17.5
9	6.6	11.6	4.4	1.9	5.5	9.6	8.1	9.2	9.0		11.9	20.5
10	2.8	5.0	5.8	4.3	6.3	5.5	6.7	6.9	7.1	4.2	17.6	17.9
11	2.3	3.4	6.1	7.1	7.8	6.6	8.9	7.3	7.6	6.8	10.5	29.6
12	8.6	5.3	6.8	6.5	10.5		10.3	4.0	6.7	9.2	7.7	33.9
13	14.8	9.9	4.1	5.6	5.0	3.5	10.5	7.0	4.1	8.7	13.0	25.3
14	22.9	15.1	5.2	1.7	6.0	4.3	8.8	9.9	2.4	3.5	9.4	24.9
15	19.0	17.1	6.1	4.1	5.0	5.4	7.6	6.7	12.3	4.7	7.1	23.1
16	18.5	13.6	6.4	7.0	10.0	4.6	8.5	7.6	15.3	9.5	16.6	15.7
17	19.9	12.0	8.7	3.7	1.2	3.9	9.8	9.0	11.4	8.7	1.5	5.1
18	32.8	2.9	8.1	3.7	1.5	4.9	10.0	9.2	7.4	10.3	6.2	13.1
19	P 51.9	2.5	4.3	3.9	2.3	5.0	7.6	7.8	3.3	8.1	9.7	14.7
20	29.1	2.0	8.9	3.7	4.8	7.9	5.4	8.2	3.3	6.5	14.0	8.2
21	6.0	1.3	7.7	2.4	3.8	12.3	8.7	8.2	1.2	4.2	15.4	3.2
22	4.5	1.8	4.2	5.7	4.3	5.3	12.1	7.0	2.8	3.1	10.4	8.1
23	1.9	1.3	3.4	5.1	4.8	6.1	11.7	4.4	3.8	5.3	7.8	2.2
24	2.0	2.4	5.9	3.5	5.7	7.9	13.5	5.4	3.4	4.8	5.3	6.9
25	7.7	4.2	3.1	1.3	3.7	6.8	4.9	7.1	4.5	6.0	8.5	25.2
26	15.6	4.1	2.4	2.0	3.1	7.8	4.3	6.8	4.4	6.5	7.9	30.9
27	15.8	2.8	2.7	1.9	3.9		5.4	8.8	5.0	5.4	7.2	22.2
28	26.9	4.3	2.8	1.4	6.6		6.3	9.3	4.4	8.5	5.7	18.5
29	29.2		3.9	4.0	7.5		6.5	8.6	5.9	5.8	8.4	20.5
30	P 35.7		2.3	4.8	6.9		6.0		4.5	3.4	14.3	9.2
31	P 44.8		.6		7.8		8.4	7.4		7.4		9.5
NO.:	31	28	31	30	31	25	24	30	30	29	30	31
MAX:	51.9	58.4	8.9	7.1	10.5	12.3	13.5	19.7	39.0	10.3	17.6	33.9
MEAN:	19.32	10.77	4.66	3.84	5.16	6.81	8.33	9.39	9.29	5.80	8.56	15.76
ANNUAL OBSERVATIONS:	350		ANNUAL MEAN:	9.04	ANNUAL MAX:	58.4	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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0002 POC: 3
 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: FDMS SAMPLER

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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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				1.9	3.9	4.9	9.7		9.6	2.8	4.5	16.5
2				4.1	3.4	4.4	10.8		12.7	1.8	3.5	16.3
3				3.1	4.0	6.6	11.7		9.8	1.3	3.9	11.4
4				3.1	5.0	7.1	P 77.3 +		9.0	3.1	2.9	2.6
5				4.4	5.1	6.9	12.9		26.8	6.6	1.2	4.4
6				3.8	4.4	6.6	8.5		P 38.7 +	3.4	1.9	9.7
7				2.5	3.6	5.9	9.2		24.9	3.8	2.1	9.3
8				1.1	5.4	5.4	9.4		9.0	2.3	5.6	13.1
9				1.7	4.9	6.1	7.6		9.9	2.0	10.2	15.9
10				4.5	6.1	4.9	6.3		8.0	2.5	14.4	16.1
11				6.5	7.2	5.2	7.0		7.6	5.2	9.2	22.4
12				5.9	6.6	5.3	9.6		6.7	9.2	7.0	27.1
13				3.7	4.1	3.0	10.1		3.1	6.7	11.4	22.3
14				.7	5.4		9.2		2.1	2.3	8.3	18.1
15				4.0	5.1		7.7		9.7	4.3	6.2	17.1
16				8.0	3.7		8.2		13.3	8.5	10.4	13.7
17				2.5	1.2		9.2		10.4	7.8	1.5	4.4
18				2.8		5.7	9.2		7.6	9.8	6.7	11.5
19				3.6		4.5	6.1		3.9	7.3	8.8	
20				3.6		6.2			2.8	3.8	12.1	6.1
21				2.4		7.4			.8	3.8	14.5	2.2
22			2.7	6.4		3.6			2.0	1.5	8.8	6.3
23			3.1	6.5	4.3	4.5			2.6	4.3	8.1	-.2
24			5.9	3.6	5.6	6.4			2.4	3.9	4.3	5.8
25			3.0	1.5	2.6	6.1			5.6	5.9	6.6	19.6
26			3.5	1.9	2.8	5.8		6.6	3.6	6.4	7.1	25.3
27			2.5	1.5	3.5	5.1		6.3	2.9	4.1	4.6	16.7
28			3.2	1.6	6.5	3.8		8.7	3.1	7.2	6.4	15.4
29			3.9	3.3	6.6	3.7		6.7	5.2	5.6	7.5	18.9
30			2.4	5.2	7.0	4.5		6.8	4.2	2.7	11.5	8.9
31			.5		5.8			6.6		6.4		7.0
NO.:	0	0	10	30	26	26	19	6	30	31	30	30
MAX:			5.9	8.0	7.2	7.4	77.3	8.7	38.7	9.8	14.5	27.1
MEAN:			3.07	3.51	4.76	5.37	12.62	6.95	8.60	4.72	7.04	12.80
ANNUAL OBSERVATIONS:		238	ANNUAL MEAN:	7.06	ANNUAL MAX:	77.3	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: 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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0002 POC: 3
 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: FDMS SAMPLER

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: (182) Thermo Scientific TEOM 1405-DF Dic

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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				10.6	7.0	7.6	47.0		19.7	16.7	11.8	26.0
2				9.7	7.0	10.7	43.1		31.4	9.0	8.6	33.2
3				7.1	9.6	17.0	50.0		14.2	12.2	14.8	34.0
4				5.9	10.9	14.9	790.3 +		17.7	13.0	10.0	8.3
5				12.1	12.8	12.2	84.8		58.7	14.8	5.6	11.8
6				10.1	7.6	11.5	19.0		56.8 +	12.9	9.1	17.4
7				8.5	6.7	11.3	20.5		49.7	16.3	10.7	14.7
8				4.1	8.9	11.2	14.2		22.8	16.6	17.2	24.5
9				7.9	9.2	16.4	16.1		18.5	12.7	20.1	28.3
10				9.9	13.5	10.4	10.9		18.2	16.7	24.1	34.8
11				10.8	13.2	9.6	15.9		17.2	20.7	22.3	40.2
12				16.2	11.5	22.1	14.0		17.1	45.8	20.4	37.6
13				9.4	14.5	8.9	13.2		11.7	22.4	24.6	29.5
14				4.4	16.0		22.6		11.2	11.4	21.7	31.2
15				16.0	8.6		14.1		27.3	14.2	10.3	31.1
16				20.5	8.0		17.1		28.6	15.9	51.1	30.9
17				8.0	4.7		17.6		20.9	17.1	5.9	12.1
18				7.5		14.5	15.0		15.7	15.5	18.2	17.4
19				8.1		8.6	10.0		15.4	18.5	18.0	
20				7.6		10.8			12.2	19.2	22.0	29.6
21				8.9		18.1			8.1	16.5	21.7	10.1
22			6.7	25.6		7.2			9.2	10.5	24.3	11.3
23			10.9	15.4	9.5	10.2			9.0	27.7	17.9	5.1
24			13.6	6.8	11.0	17.7			8.0	8.6	14.3	14.8
25			10.8	5.7	8.6	19.0			16.0	15.7	21.3	35.8
26			12.5	5.0	5.7	9.7		15.6	11.0	14.4	27.4	36.7
27			5.5	4.3	13.5	9.4		15.3	10.1	11.6	21.1	31.9
28			16.7	3.9	24.7	8.5		19.6	11.9	21.7	26.7	32.9
29			7.2	15.2	23.8	8.8		13.2	15.1	17.7	17.8	37.8
30			7.6	12.4	25.8	12.5		15.8	18.0	6.9	27.6	21.8
31			4.2		9.0			18.2		18.6		31.5
NO.:	0	0	10	30	26	26	19	6	30	31	30	30
MAX:			16.7	25.6	25.8	22.1	790.3	19.6	58.7	45.8	51.1	40.2
MEAN:			9.57	9.92	11.59	12.26	65.02	16.28	20.05	16.50	18.89	25.41
ANNUAL OBSERVATIONS:		238	ANNUAL MEAN:	20.12	ANNUAL MAX:	790.3						

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0002 POC: 5
 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: (184) Thermo Scientific Model 5030 SHARP

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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		P 40.9										
2		P 54.8										
3		P 38.2										
4	9.2	7.0										
5	2.1	6.2										
6	5.0											
7	7.2											
8	17.8											
9	2.9											
10	1.5											
11	1.0											
12	6.1											
13	9.0											
14	9.6											
15	7.4											
16	6.9											
17	6.9											
18	12.1											
19	18.0											
20	10.0											
21	2.1											
22	2.4											
23	.8											
24	1.1											
25	4.3											
26	7.6											
27	6.7											
28	10.8											
29	11.1											
30	24.6											
31	P 37.9											
NO.:	28	5	0	0	0	0	0	0	0	0	0	0
MAX:	37.9	54.8										
MEAN:	8.65	29.42										
ANNUAL OBSERVATIONS:	33											
ANNUAL MEAN:	11.79											
ANNUAL MAX:	54.8											

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. 4, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0002 POC: 5
 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: (184) Thermo Scientific Model 5030 SHARP
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

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		56.6										
2		70.5										
3		69.2										
4	19.8	22.5										
5	8.1	25.5										
6	10.3											
7	9.2											
8	31.0											
9	11.2											
10	3.6											
11	3.4											
12	11.3											
13	17.2											
14	14.6											
15	13.1											
16	11.2											
17	13.6											
18	17.2											
19	23.8											
20	33.3											
21	7.7											
22	7.4											
23	2.6											
24	2.7											
25	7.0											
26	16.1											
27	10.4											
28	18.0											
29	15.2											
30	44.0											
31	45.6											
NO.:	28	5	0	0	0	0	0	0	0	0	0	0
MAX:	45.6	70.5										
MEAN:	15.31	48.86										
ANNUAL OBSERVATIONS:	33											
ANNUAL MEAN:	20.39											
ANNUAL MAX:	70.5											

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. 4, 2018

(44201) Ozone

SITE ID: 49-057-1003 POC: 1
 COUNTY: (057) Weber
 CITY: (33540) Harrisville
 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: 10028-15-6
 LATITUDE: 41.3036139529
 LONGITUDE: -111.98787086
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1331
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2017

DURATION: 8-HR RUN AVG BEGIN HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.027	.016	.044	.045	.055	.061	.072	.059	.064		.035	.024
2	.020	.017	.045	.044		.061	.070	.067	.065		.037	.010
3	.015	.026	.035	.053		.071	.065	.067	.060		.034	.034
4	.034	.033	.049	.049		.067	P .078	.060	.058		.037	.030
5	.027	.040	.051	.054		.058	P .078	.059	.063		.038	.025
6	.019	.035	.044	.051	.057	.069	.075	.056	.071		.041	.021
7	.021	.030	.050	.044	.055	.066	.067	.069	.064		.037	.021
8	.018	.030	.037	.052	.047	.062	.068	.054	.064		.030	.015
9	.029	.020	.039	.047	.054	.057	.064	.059	.057		.021	.016
10	.037	.040	.024	.052	.059	.048	.064	.066	.056		.009	.019
11	.035	.044	.042	.053	.067	.056	.062	.072	.057		.035	.013
12	.023	.045	.045	.060	.061	.057	.070	.056	.054		.029	.009
13	.023	.039	.045	.061	.059	.036	.070	.056	.049		.023	.006
14	.034	.034	.045	.050	.053	.054	.071	.054	.034		.035	.019
15	.039	.033	.047	.052	.055	.058	.073	.059	.049		.025	.016
16	.034	.034	.044	.052	.052	.043	.061	.064	.042		.035	.021
17	.026	.037	.049	.049	.049	.055	.059	.060	.054		.039	.028
18	.031	.039	.053	.047	.047	.055	.068	.057	.055		.036	.016
19	.019	.038	.047	.057	.047	.048	.057	.062	.046		.028	.017
20	.026	.037	.041	.053	.052	.057	.065	.059	.045		.012	.046
21	.036	.047		.051	.055	.063	.066	.052			.019	.041
22	.039	.045		.060	.056	.058	.067	.052				.039
23	.041	.038		.056	.061	.065	.063	.052			.007	.041
24	.040	.043		.048	.053	.073	.064	.056		.038	.007	.025
25	.035	.040	.040	.040	.058	.058	.063	.058		.040	.007	.013
26	.033	.046	.048	.043	.051	.071	.063	.057		.040	.006	.013
27	.027	.045	.040	.055	.047	.050	.061	.061		.040	.009	.011
28	.031	.044	.044	.044	.055	.050	.059	.059		.039	.021	.014
29	.036		.047	.051	.057	.052	.063	.056		.040	.026	.012
30	.032		.038	.046	.066	.058	.059	.053		.031	.014	.031
31	.021		.044		.067		.060	.056		.033		.032
NO.:	31	28	27	30	27	30	31	31	20	8	29	31
MAX:	.041	.047	.053	.061	.067	.073	.078	.072	.071	.040	.041	.046
MEAN:	.0293	.0363	.0436	.0506	.0554	.0579	.0660	.0589	.0554	.0376	.0252	.0219
ANNUAL OBSERVATIONS:	323		ANNUAL MEAN:	.0450		ANNUAL MAX:	.078		2 Values marked with 'P' exceed the PRIMARY STANDARD of: .076			
									2 Values marked with 'S' exceed the SECONDARY STANDARD of: .076			

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