

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1819658

Report Code: AMP230

Mar. 10, 2020

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
SUMMARY CRITERIA	INCLUDE ALL DATA
AGENCY ROLE	PQAO
EVENTS PROCESSING	REPORT ALL EVENT RECORDS
MERGE PDF FILES	YES

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	EPA_REGION
5	DATES
6	PARAMETER_CODE
7	POC

DATE CRITERIA

Start Date	End Date
2019	2019

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

FREQUENCY DISTRIBUTION REPORT

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EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-003-0003
 County: Box Elder
 City: Brigham City
 Support Agency: 1113
 Address: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +41.492707
 Longitude: -112.018863
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,334.0

Site Comments: SITE FOR OZONE, PM2.5, AND MET:

Parameter	POC	PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc				
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Percentages								Min Obs			Maximum Values	Arith Mean
42602-Nitrogen dioxide (NO2)	1			1113			INSTRUMENTAL								2.7	1 HOUR	0	Parts per billion	
2019	0	45	3968				.2	10	25	50	75	90	95	98	99	1	2	7.20	
							1.1	1.7	3.3	8.0	20.2	29.9	38.5	41.9		51.2	50.8		
44201-Ozone	1			1113			INSTRUMENTAL									8-HR RUN AVG	0	Parts per million	
2019	0	48	4184	0	0		.014	10	25	50	75	90	95	98	99	1	2	.0439	
							.029	.040	.044	.050	.056	.059	.062	.066		.068	.066		
88101-PM2.5 - Local Conditions	1			1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC								2	24 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	35	126	1	1		.1	10	25	50	75	90	95	98	99	1	2	4.87	
							1.1	1.6	2.8	4.9	11.1	19.0	30.2	31.1		38.8	31.1		
88101-PM2.5 - Local Conditions	3			1113			Thermo Scientific Model 5030 SHARP w/VSCC								2	1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	42	3658				-.3	10	25	50	75	90	95	98	99	1	2	7.14	
							1.3	2.6	4.7	8.8	15.4	21.9	34.6	40.8		53.2	52.2		
88101-PM2.5 - Local Conditions	3			1113			INSTRUMENTAL									24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2019	0	41	150	2	2		1.0	10	25	50	75	90	95	98	99	1	2	7.13	
							1.9	3.0	5.2	8.5	14.6	19.2	31.2	35.9		43.7	35.9		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-003-7001
 County: Box Elder
 City: Not in a city
 Support Agency: 195
 Address: 8600 WEST 24000 NORTH PORTAGE, UTAH

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: AGRICULTURAL

Latitude: +41.945874
 Longitude: -112.233973
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,369.0

Site Comments: SITE IS LOCATED IN MALAD VALLEY:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith Mean
42602-Nitrogen dioxide (NO2)		1		195		Instrumental		Chemiluminescence Teledyne API 200 EU/501							.05	1 HOUR	0	Parts per billion	
2019	0	82	7218			-5.0		10	25	50	75	90	95	98	99		1	2	.49
								.0	.0	.0	.0	2.0	5.0	8.0	10.0		18.0	18.0	
44201-Ozone		1		195												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2019	0	64	5712	0	0	.019		10	25	50	75	90	95	98	99		1	2	.0425
								.032	.037	.043	.048	.053	.055	.058	.059		.063	.060	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-005-0007
 County: Cache
 City: Smithfield
 Support Agency: 1113
 Address: 675 West 220 North

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +41.842649
 Longitude: -111.852199
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL								2.7	1 HOUR	0	Parts per billion			
2019	0	96	8378				-.5	10	25	50	75	90	95	98	99	1	2	4.26					
								.2	.7	2.3	5.3	11.3	16.0	22.9	26.3		39.4	39.1					
44201-Ozone	1			1113					INSTRUMENTAL									8-HR RUN AVG	0	Parts per million			
2019	0	98	8705	0	0		.016	10	25	50	75	90	95	98	99	1	2	.0446					
								.032	.038	.046	.051	.055	.058	.061	.062		.066	.065					
81102-PM10 Total 10um STP	1			1113					R - P Co Partisol Model 2025								4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2019	0	87	318	0	0		1	10	25	50	75	90	95	98	99	1	2	15.0					
								3	6	12	22	28	34	50	51		68	66					
81102-PM10 Total 10um STP	2			1113					R - P Co Partisol Model 2025								4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2019	0	75	57	0	0		0	10	25	50	75	90	95	98	99	1	2	17.2					
								3	5	11	27	41	64	67	68		68	67					
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC								2	24 HOUR	0	Micrograms/cubic meter (LC)			
2019	0	79	289	9	9		.2	10	25	50	75	90	95	98	99	1	2	7.58					
								1.6	2.7	5.0	7.9	17.4	29.3	42.9	46.5		49.1	48.3					

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-005-0007
 County: Cache
 City: Smithfield
 Support Agency: 1113
 Address: 675 West 220 North

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +41.842649
 Longitude: -111.852199
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean	
88101-PM2.5 - Local Conditions		2		1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)		
2019	0	59	53	3	3	1.0	10	25	50	75	90	95	98	99		1	2	8.92
							4.4	5.6	7.4	12.5	25.4	44.2	51.2	51.2			51.2	44.2
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific TEOM 1405-DF Dichotomous FDMS						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2019	0	93	8190			-10.0	10	25	50	75	90	95	98	99		1	2	6.30
							.0	1.7	4.1	7.6	14.3	23.4	38.6	45.5			81.6	72.4
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG							24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2019	0	93	338	7	7	-.7	10	25	50	75	90	95	98	99		1	2	6.27
							1.4	2.4	4.2	6.2	13.2	24.9	37.9	39.2			49.5	46.4
88101-PM2.5 - Local Conditions		4		1113			Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2019	0	100	8723			.0	10	25	50	75	90	95	98	99		1	2	7.62
							1.2	2.7	5.1	7.9	14.8	27.6	45.2	51.1			69.5	69.2
88101-PM2.5 - Local Conditions		4		1113			24-HR BLK AVG							24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2019	0	100	364	14	14	.3	10	25	50	75	90	95	98	99		1	2	7.54
							18.4	19.9	33.2	44.4	50.3	50.5	53.9	53.9			53.9	50.5

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-005-0007
 County: Cache
 City: Smithfield
 Support Agency: 1113
 Address: 675 West 220 North

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +41.842649
 Longitude: -111.852199
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages										Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		5		1113			Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	100	8744			-3.5	10	25	50	75	90	95	98	99		1	2	7.63
							1.2	2.7	5.0	8.0	15.3	27.6	44.7	50.6		70.8	66.8	
88101-PM2.5 - Local Conditions		5		1113			Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2019	0	100	365	13	13	.4	10	25	50	75	90	95	98	99		1	2	7.57
							1.6	3.2	5.3	7.6	13.0	25.7	44.0	49.4		54.0	50.1	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-007-1003	AQCR: UTAH	Latitude: +39.609960
County: Carbon	Urban Area: NOT IN AN URBAN AREA	Longitude: -110.800749
City: Price	Location Setting: SUBURBAN	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: On Prperty of Resident at 351 W 2500 E. Price, Utah		Utm Easting:
		Vertical Meas: 1,722.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL								2.7	1 HOUR	0	Parts per billion			
2019	0	98	8626				.4	10	25	50	75	90	95	98	99		1	2	2.34				
							.9	1.2	1.7	2.8	4.6	6.0	8.2	10.2			27.6	19.1					
44201-Ozone	1			1113					GAS PHASE									8-HR RUN AVG	0	Parts per million			
2019	0	99	8686	0	0		.024	10	25	50	75	90	95	98	99		1	2	.0487				
							.037	.043	.050	.055	.059	.061	.065	.068			.073	.069					

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-011-0004
 County: Davis
 City: Bountiful
 Support Agency: 1113
 Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.902967
 Longitude: -111.884467
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,309.0

Site Comments: NEW SITE TO REPLACE 490110001:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc			
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Percentages								Min Obs			Maximum Values	Arith Mean
42602-Nitrogen dioxide (NO2)	1			1113			INSTRUMENTAL								2.7	1 HOUR	0	Parts per billion	
2019	0	97	8519				.0	10	25	50	75	90	95	98	99	1	2	11.52	
							2.2	3.7	7.2	16.5	29.3	34.1	38.5	41.0		52.9	50.2		
44201-Ozone	1			1113			CHEMILUMINESCENCE									8-HR RUN AVG	0	Parts per million	
2019	0	98	8654	1	1	.002	10	25	50	75	90	95	98	99	1	2	.0423		
							.023	.032	.044	.052	.060	.064	.067	.073		.076	.075		
81102-PM10 Total 0-10um STP	5			1113			Tisch Model TE-Wilbur10 Low-Volume Sampler								4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2019	0	39	24	0	0	3	10	25	50	75	90	95	98	99	1	2	13.0		
							3	6	11	22	26	29	30	30		30	29		
88101-PM2.5 - Local Conditions	1			1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC								2	24 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	73	268	0	0	.8	10	25	50	75	90	95	98	99	1	2	6.09		
							1.9	3.4	5.1	7.2	10.7	15.8	22.5	26.2		31.3	31.3		
88101-PM2.5 - Local Conditions	3			1113			Thermo Scientific Model 5030 SHARP w/VSCC								2	1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	99	8631			.0	10	25	50	75	90	95	98	99	1	2	5.66		
							1.3	2.4	4.4	7.1	10.8	14.6	21.2	26.7		75.0	53.2		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-011-0004

AQCR: WASATCH FRONT

Latitude: +40.902967

County: Davis

Urban Area: SALT LAKE CITY, UT

Longitude: -111.884467

City: Bountiful

Location Setting: SUBURBAN

UTM Zone:

Support Agency: 1113

Land Use: RESIDENTIAL

Utm Northing:

Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH

Utm Easting:

Vertical Meas: 1,309.0

Site Comments: NEW SITE TO REPLACE 490110001:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		3			1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2019	0	99	360	1	1	.5	10	25	50	75	90	95	98	99		1	2	5.62
							2.1	3.1	5.0	6.6	10.0	11.8	16.4	23.0		38.1	28.8	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-013-0002
 County: Duchesne
 City: Roosevelt
 Support Agency: 1113
 Address: 290 S. 1000 W.

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.294178
 Longitude: -110.009732
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,596.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Percentages									Maximum Values	Arith Mean	
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
						INSTRUMENTAL GAS PHASE						2.7					
						CHEMILUMINESCENCE											
2019	0	85	7422			.8	10	25	50	75	90	95	98	99	1	2	5.14
							1.7	2.4	3.8	6.4	10.4	14.0	17.8	20.7		35.7	32.7
44201-Ozone		1		1113									8-HR RUN AVG	0	Parts per million		
													BEGIN HOUR				
2019	0	96	8445	8	8	.019	10	25	50	75	90	95	98	99	1	2	.0498
							.035	.045	.051	.056	.061	.066	.080	.087		.096	.091
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Beta Attenuation						2	1 HOUR	0	Micrograms/cubic meter (LC)		
						Model 5030 SHARP w/VSCC											
2019	0	100	8724			-.6	10	25	50	75	90	95	98	99	1	2	6.18
							1.6	2.9	4.6	7.4	12.4	18.2	24.2	27.2		54.0	53.2
88101-PM2.5 - Local Conditions		3		1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2019	0	100	365	0	0	.4	10	25	50	75	90	95	98	99	1	2	6.13
							1.9	3.6	5.0	7.2	11.5	15.8	22.3	24.4		26.3	25.9

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-013-7011	AQCR: UTAH	Latitude: +40.216779
County: Duchesne	Urban Area: NOT IN AN URBAN AREA	Longitude: -110.182742
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 687	Land Use: DESERT	Utm Northing:
Address: 6000 SOUTH AND 10000 WEST (MYTON)		Utm Easting:
		Vertical Meas: 1,606.0

Site Comments: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION:

Parameter	POC	PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc					
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages													Maximum Values	Arith Mean	
42602-Nitrogen dioxide (NO2)	1		687				Instrumental	Chemiluminescence Teledyne API 200 EU/501										.05	1 HOUR	0	Parts per billion	
2019	0	74	6515			.0	10	25	50	75	90	95	98	99			1	2	3.40			
							.5	1.0	2.6	4.9	7.6	9.5	11.3	13.0			30.5	27.1				
44201-Ozone	1		687												8-HR RUN AVG BEGIN HOUR	0	Parts per million					
2019	0	74	6483	6	6	.021	10	25	50	75	90	95	98	99			1	2	.0517			
							.043	.047	.051	.056	.061	.067	.076	.081			.086	.084				

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-017-0006
 County: Garfield
 City: Escalante
 Support Agency:
 Address: Escalante National Monument

AQCR: FOUR CORNERS
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: FOREST

Latitude: +37.775544
 Longitude: -111.615473
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,714.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean	
			1			1113								8-HR RUN AVG	0	Parts per million		
														BEGIN HOUR				
2019	0	72	6447	0	0	.024	10	25	50	75	90	95	98	99	1	2	.0453	
							.036	.040	.045	.051	.055	.057	.060	.062	.064	.062		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-021-0005
 County: Iron
 City: Enoch
 Support Agency:
 Address: 3840 North 325 East

AQCR: FOUR CORNERS
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +37.747430
 Longitude: -113.055525
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,692.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc					
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL							2.7	1 HOUR	0	Parts per billion	
2019	0		83	7287			.0	10	25	50	75	90	95	98	99	1	2	6.39		
								1.2	1.7	3.5	8.7	16.1	21.4	26.8	30.0		85.7	68.8		
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million			
2019	0		97	8552	0	0	.020	10	25	50	75	90	95	98	99	1	2	.0435		
								.032	.038	.045	.049	.054	.056	.059	.060		.065	.064		
88101-PM2.5 - Local Conditions	1			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0		100	8745			.0	10	25	50	75	90	95	98	99	1	2	4.38		
								1.1	2.1	3.7	5.6	8.1	10.3	13.9	17.3		50.5	46.9		
88101-PM2.5 - Local Conditions	1			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2019	0		100	365	0	0	.3	10	25	50	75	90	95	98	99	1	2	4.33		
								1.5	2.6	4.1	5.4	6.9	8.4	11.3	13.1		24.4	16.7		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-1007
 County: Salt Lake
 City: Magna
 Support Agency:
 Address: 9228 West 2700 South

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.712146
 Longitude: -112.111275
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages												Maximum	Values	Arith	Mean
42401-Sulfur dioxide	1			1113					INSTRUMENTAL	ULTRAVIOLET FLUORESCENCE					.4	1 HOUR	0	Parts per billion						
2019	0	97	8522	0			.1	10	25	50	75	90	95	98	99		1	2	2.76					
								.8	1.2	1.9	3.5	5.9	7.9	10.8	12.7		16.2	13.1						
42401-Sulfur dioxide	2			1113					INSTRUMENTAL	Pulsed Fluorescent 43C-TLE/43i-TLE					.2	5 MINUTE	0	Parts per billion						
2019	0	96	101161				.0	10	25	50	75	90	95	98	99		1	2	.40					
								.0	.0	.0	.5	1.3	1.9	3.2	4.7		27.5	23.9						
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	GAS PHASE CHEMILUMINESCENCE					2.7	1 HOUR	0	Parts per billion						
2019	0	97	8500				.2	10	25	50	75	90	95	98	99		1	2	8.07					
								1.2	2.0	4.9	12.1	20.3	24.9	28.9	31.6		46.1	45.3						
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million							
2019	0	98	8653	0	0		.008	10	25	50	75	90	95	98	99		1	2	.0434					
								.026	.036	.044	.052	.057	.060	.067	.070		.075	.072						
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol Model 2025	Gravimetric					4	24 HOUR	0	Micrograms/cubic meter (25 C)						
2019	0	97	353	0	0		1	10	25	50	75	90	95	98	99		1	2	15.7					
								4	7	14	22	29	35	40	46		61	50						
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric					2	24 HOUR	0	Micrograms/cubic meter (LC)						
2019	0	82	300	1	1		.8	10	25	50	75	90	95	98	99		1	2	5.93					
								1.8	3.0	4.8	6.9	10.9	16.4	23.1	24.5		37.2	30.2						

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-1007
 County: Salt Lake
 City: Magna
 Support Agency:
 Address: 9228 West 2700 South

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.712146
 Longitude: -112.111275
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Percentages						Min Obs			Maximum Values	Arith Mean	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2019	0	99	8682			.0	10	25	50	75	90	95	98	99	1	2	5.71
						1.0	2.1	4.3	7.2	11.3	17.3	24.6	28.9		44.9	44.1	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2019	0	99	361	0	0	.2	10	25	50	75	90	95	98	99	1	2	5.65
						1.3	2.7	4.6	6.6	9.9	15.6	23.8	27.7		32.8	30.0	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-2005
 County: Salt Lake
 City: Midvale
 Support Agency: 1113
 Address: 8449 S. Monroe St.

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.598056
 Longitude: -111.894167
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Year	Exc Evt	POC		PQAO		Min Obs	Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
		%Obs	#Obs	#Pri	#Sec		Percentages										Maximum Values	Arith Mean
		42101-Carbon monoxide	1		1113									8-HR RUN AVG END HOUR	0		Parts per million	
2019	0	98	8628	0	0	.0	10	25	50	75	90	95	98	99	1	2	.14	
						.0	.0	.1	.2	.4	.5	.6	.7		1.0	.9		
		42401-Sulfur dioxide	1		1113								.4	1 HOUR	0		Parts per billion	
2019	0	98	8623	0		-.2	10	25	50	75	90	95	98	99	1	2	.85	
						.0	.3	1.0	1.0	1.4	1.9	2.6	5.0		6.0	6.0		
		42401-Sulfur dioxide	2		1113								.4	5 MINUTE	0		Parts per billion	
2019	0	97	101502			.0	10	25	50	75	90	95	98	99	1	2	.58	
						.0	.0	.4	1.0	1.0	1.0	2.0	5.0		11.0	10.0		
		42602-Nitrogen dioxide (NO2)	1		1113								2.7	1 HOUR	0		Parts per billion	
2019	0	98	8583			-.5	10	25	50	75	90	95	98	99	1	2	14.97	
							3.4	5.5	11.0	21.3	35.2	39.5	43.6	46.7	90.5	59.9		
		44201-Ozone	1		1113									8-HR RUN AVG BEGIN HOUR	0		Parts per million	
2019	0	93	8221	0	0	.004	10	25	50	75	90	95	98	99	1	2	.0427	
						.025	.035	.043	.052	.057	.063	.066	.067		.070	.069		
		88101-PM2.5 - Local Conditions	4		1113								2	1 HOUR	0		Micrograms/cubic meter (LC)	
2019	0	99	8674			.2	10	25	50	75	90	95	98	99	1	2	7.68	
							1.7	3.3	5.9	9.4	14.9	20.6	29.2	39.0	178.4	145.6		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-2005
 County: Salt Lake
 City: Midvale
 Support Agency: 1113
 Address: 8449 S. Monroe St.

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.598056
 Longitude: -111.894167
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		4			1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2019	0	98	359	3	3	.5	10	25	50	75	90	95	98	99		1	2	7.62
							2.4	4.2	6.2	8.8	13.1	17.7	28.7	33.9		49.7	42.8	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3006
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1675 SOUTH 600 EAST, SALT LAKE CITY

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.736389
 Longitude: -111.872222
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,306.0

Site Comments:

Year	Exc	Evt	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
			%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean
			1		1113									8-HR RUN AVG	0	Parts per million		
														END HOUR				
2019	0	100	8728	0	0	.0	10	25	50	75	90	95	98	99	1	2	.16	
						.0	.0	.1	.2	.4	.5	.7	.8		1.2	1.1		
			1		1113									1 HOUR	0	Parts per billion		
2019	0	99	8657	0		.2	10	25	50	75	90	95	98	99	1	2	1.34	
						.6	.8	1.2	1.6	2.2	2.4	2.7	4.2		15.0	8.2		
			2		1113									5 MINUTE	0	Parts per billion		
2019	0	97	102350			.0	10	25	50	75	90	95	98	99	1	2	.85	
						.2	.4	.7	1.2	1.6	1.9	2.1	2.3		24.4	20.6		
			1		1113									1 HOUR	0	Parts per billion		
2019	0	98	8616			-.4	10	25	50	75	90	95	98	99	1	2	14.34	
						2.7	4.6	9.5	21.0	35.3	40.4	45.2	48.1		116.0	88.0		
			3		1113									1 HOUR	0	Parts per billion		
2019	0	70	6149			.6	10	25	50	75	90	95	98	99	1	2	11.30	
						2.0	3.4	7.2	16.1	29.5	33.7	37.7	39.3		51.9	48.6		
			1		1113									8-HR RUN AVG	0	Parts per million		
														BEGIN HOUR				
2019	0	99	8732	1	1	.002	10	25	50	75	90	95	98	99	1	2	.0441	
						.024	.034	.045	.055	.062	.066	.071	.073		.078	.074		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3006	AQCR: WASATCH FRONT	Latitude: +40.736389
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -111.872222
City: Salt Lake City	Location Setting: SUBURBAN	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: 1675 SOUTH 600 EAST, SALT LAKE CITY		Utm Easting:
		Vertical Meas: 1,306.0

Site Comments:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc										
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages												Maximum	Values	Arith	Mean		
81102-PM10 Total	0-	1		1113					R - P Co Partisol	Gravimetric										4	24 HOUR	0	Micrograms/cubic meter			
									Model 2025										(25 C)							
2019	0	93	339	0	0	3	10	25	50	75	90	95	98	99				1	2	17.3						
									5	9	15	23	33	40	53	61			69	67						
88101-PM2.5 - Local	1			1113					R & P Model 2025	Gravimetric										2	24 HOUR	0	Micrograms/cubic meter			
Conditions									PM-2.5 Sequential										(LC)							
									Air Sampler																	
									w/VSCC																	
2019	0	88	322	2	2	1.0	10	25	50	75	90	95	98	99				1	2	6.42						
									2.2	3.2	4.8	6.6	12.0	19.2	28.6	33.9			43.8	39.5						
88101-PM2.5 - Local	2			1113					Thermo Scientific	Beta Attenuation										2	1 HOUR	0	Micrograms/cubic meter			
Conditions									Model 5030 SHARP										(LC)							
									w/VSCC																	
2019	0	99	8669			-1.3	10	25	50	75	90	95	98	99				1	2	6.46						
									1.8	2.9	4.9	7.4	12.2	17.8	26.8	36.2			63.5	63.2						
88101-PM2.5 - Local	2			1113												24-HR BLK AVG	0	Micrograms/cubic meter								
Conditions																			(LC)							
2019	0	99	361	2	2	1.0	10	25	50	75	90	95	98	99				1	2	6.45						
									2.4	3.3	5.3	7.1	11.0	17.1	26.4	31.8			41.7	41.6						
88101-PM2.5 - Local	4			1113					Thermo Scientific	Beta Attenuation										2	1 HOUR	0	Micrograms/cubic meter			
Conditions									Model 5030 SHARP										(LC)							
									w/VSCC																	
2019	0	98	8575			.5	10	25	50	75	90	95	98	99				1	2	6.50						
									2.0	3.0	4.6	7.1	12.7	19.0	29.5	36.6			73.3	64.2						

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3006
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1675 SOUTH 600 EAST, SALT LAKE CITY

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.736389
 Longitude: -111.872222
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,306.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith Mean
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2019	0	98	356	3	3	1.1	10	25	50	75	90	95	98	99		1	2	6.49	
							2.5	3.4	4.8	7.0	11.4	17.7	27.3	34.3		45.2	39.9		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3010
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1250 NORTH 1400 WEST

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.784220
 Longitude: -111.931000
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,286.0

Site Comments:

Year	Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Percentages										Maximum Values	Arith Mean
	42101-Carbon monoxide		1		1113										8-HR RUN AVG END HOUR	0	Parts per million	
2019	0	81	7136	0	0	.0	10	25	50	75	90	95	98	99	1	2	.09	
						.0	.0	.0	.1	.3	.5	.7	.8		1.3	1.2		
	42401-Sulfur dioxide		1		1113		INSTRUMENTAL ULTRAVIOLET FLUORESCENCE							.4	1 HOUR	0	Parts per billion	
2019	0	81	7052	0		.0	10	25	50	75	90	95	98	99	1	2	.94	
						.1	.3	.5	1.2	2.0	2.7	4.4	6.6		11.3	10.5		
	42401-Sulfur dioxide		2		1113		INSTRUMENTAL ULTRAVIOLET FLUORESCENCE							.4	5 MINUTE	0	Parts per billion	
2019	0	79	82640			-.4	10	25	50	75	90	95	98	99	1	2	.12	
						.0	.0	.0	.0	.3	.9	1.4	2.0		60.9	52.0		
	42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL GAS PHASE CHEMILUMINESCENCE							2.7	1 HOUR	0	Parts per billion	
2019	0	80	7032			.6	10	25	50	75	90	95	98	99	1	2	13.28	
						2.2	4.1	9.5	19.7	31.6	38.0	41.5	43.0		55.8	55.1		
	44201-Ozone		1		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2019	0	80	7043	2	2	.007	10	25	50	75	90	95	98	99	1	2	.0447	
						.026	.037	.046	.054	.061	.064	.069	.072		.079	.077		
	88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	82	300	1	1	.7	10	25	50	75	90	95	98	99	1	2	6.84	
						2.3	3.4	5.5	8.0	14.4	18.0	21.7	31.0		41.1	33.2		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3010
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1250 NORTH 1400 WEST

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.784220
 Longitude: -111.931000
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,286.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages										Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		2		1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	100	345	3	3	.8	10	25	50	75	90	95	98	99		1	2	7.39
							11.1	12.6	17.4	21.5	30.8	34.3	42.3	44.0		44.0	42.3	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	99	8671			.1	10	25	50	75	90	95	98	99		1	2	7.72
							1.6	3.3	5.8	9.5	16.0	21.6	30.2	37.2		76.5	66.2	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2019	0	99	362	2	2	.7	10	25	50	75	90	95	98	99		1	2	7.68
							2.7	4.0	6.1	8.7	15.3	19.3	28.5	32.1		42.9	37.6	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3013
 County: Salt Lake
 City: Herriman
 Support Agency: 1113
 Address: 14058 Mirabella Dr.

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.496392
 Longitude: -112.036298
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL								2.7	1 HOUR	0	Parts per billion			
									GAS PHASE CHEMILUMINESCENCE														
2019	0	98	8595				- .5	10	25	50	75	90	95	98	99	1	2	4.91					
								.9	1.5	2.9	6.0	10.9	15.1	26.1	33.5		49.8	49.6					
44201-Ozone	1			1113														8-HR RUN AVG	0	Parts per million			
																		BEGIN HOUR					
2019	0	99	8708	0	0		.014	10	25	50	75	90	95	98	99	1	2	.0475					
								.033	.040	.048	.055	.061	.064	.069	.070		.073	.073					
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol Model 2025								4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2019	0	89	324	0	0		0	10	25	50	75	90	95	98	99	1	2	16.2					
								3	6	14	24	31	38	47	52		70	64					
88101-PM2.5 - Local Conditions	5			1113					Thermo Scientific Model 5030 SHARP w/VSCC								2	1 HOUR	0	Micrograms/cubic meter (LC)			
2019	0	99	8710				-8.1	10	25	50	75	90	95	98	99	1	2	5.26					
								1.1	2.1	4.2	6.8	9.7	13.2	20.4	27.8		64.3	63.7					
88101-PM2.5 - Local Conditions	5			1113														24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2019	0	99	363	1	1		.0	10	25	50	75	90	95	98	99	1	2	5.21					
								1.4	2.6	4.7	6.5	8.4	10.2	18.8	25.1		43.7	35.1					

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3015
 County: Salt Lake
 City: Salt Lake City
 Support Agency:
 Address: 240 N 1950 W

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: URBAN AND CENTER CITY
 Land Use: RESIDENTIAL

Latitude: +40.777145
 Longitude: -111.945849
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,286.0

Site Comments:

Year	Exc	Evt	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
			%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum	Values	Arith
			1			1113									8-HR RUN AVG	0	Parts per million		
															END HOUR				
2019	0	25	2195	0	0	.0	10	25	50	75	90	95	98	99		1	2	.31	
							.0	.1	.3	.5	.7	.8	1.0	1.1		1.3	1.3		
			2			1113									8-HR RUN AVG	0	Parts per million		
															END HOUR				
2019	0	16	1375	0	0	.1	10	25	50	75	90	95	98	99		1	2	.70	
							.3	.5	.6	.9	1.1	1.3	1.4	1.5		1.5	1.5		
			1			1113									1 HOUR	0	Parts per billion		
2019	0	25	2190	0		.0	10	25	50	75	90	95	98	99		1	2	1.25	
							.2	.4	1.1	1.8	2.4	3.4	4.0	4.2		4.2	4.0		
			2			1113									1 HOUR	0	Parts per billion		
2019	0	15	1349	0		.0	10	25	50	75	90	95	98	99		1	2	1.00	
							.2	.4	.8	1.4	2.1	2.4	2.5	4.3		4.3	2.5		
			1			1113									1 HOUR	0	Parts per billion		
2019	0	25	2152			.5	10	25	50	75	90	95	98	99		1	2	23.12	
							5.7	11.0	22.1	35.1	41.6	43.7	46.0	48.2		53.8	53.7		
			2			1113									1 HOUR	0	Parts per billion		
2019	0	15	1351			2.4	10	25	50	75	90	95	98	99		1	2	22.60	
							7.7	12.7	21.6	32.6	38.0	40.3	42.6	44.2		50.0	47.5		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3015
 County: Salt Lake
 City: Salt Lake City
 Support Agency:
 Address: 240 N 1950 W

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: URBAN AND CENTER CITY
 Land Use: RESIDENTIAL

Latitude: +40.777145
 Longitude: -111.945849
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,286.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc			
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages										Maximum Values	Arith Mean
44201-Ozone		1					1113								8-HR RUN AVG	0	Parts per million		
2019	0	25	2201	0	0	.006	10	25	50	75	90	95	98	99	BEGIN HOUR	1	2	.0261	
							.016	.022	.027	.032	.035	.037	.039	.039		.039	.039		
44201-Ozone		2					1113								8-HR RUN AVG	0	Parts per million		
2019	0	15	1368	0	0	.010	10	25	50	75	90	95	98	99	BEGIN HOUR	1	2	.0262	
							.015	.021	.027	.032	.035	.036	.037	.037		.037	.037		
81102-PM10 Total 0-10um STP		1					1113	R - P Co Partisol Model 2025				Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)
2019	0	32	117	0	0	4	10	25	50	75	90	95	98	99		1	2	26.0	
							9	13	21	35	50	55	58	62		106	62		
88101-PM2.5 - Local Conditions		1					1113	R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC				Gravimetric				2	24 HOUR	0	Micrograms/cubic meter (LC)
2019	0	27	99	0	0	1.7	10	25	50	75	90	95	98	99		1	2	7.88	
							2.9	4.6	6.8	10.1	15.8	17.4	18.8	27.7		27.7	18.8		
88101-PM2.5 - Local Conditions		3					1113	Thermo Scientific Model 5030 SHARP w/VSCC				Beta Attenuation				2	1 HOUR	0	Micrograms/cubic meter (LC)
2019	0	25	2204			.2	10	25	50	75	90	95	98	99		1	2	5.17	
							1.1	2.0	4.1	7.0	10.6	13.7	17.7	19.4		27.1	26.0		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-3015

AQCR: WASATCH FRONT

Latitude: +40.777145

County: Salt Lake

Urban Area: SALT LAKE CITY, UT

Longitude: -111.945849

City: Salt Lake City

Location Setting: URBAN AND CENTER CITY

UTM Zone:

Support Agency:

Land Use: RESIDENTIAL

Utm Northing:

Address: 240 N 1950 W

Utm Easting:

Vertical Meas: 1,286.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		3			1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2019	0	25	92	0	0	.6	10	25	50	75	90	95	98	99		1	2	5.13
							1.6	2.4	4.3	6.3	10.0	12.5	18.1	18.9		18.9	18.1	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-035-4002
 County: Salt Lake
 City: Murray
 Support Agency:
 Address: 4951 South Galleria Dr

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: URBAN AND CENTER CITY
 Land Use: RESIDENTIAL

Latitude: +40.662878
 Longitude: -111.901188
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,295.0

Site Comments:

Year	Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum Values	Arith Mean
	42101-Carbon monoxide		1		1113										8-HR RUN AVG	0	Parts per million	
2019	0	100	8726	0	0	-.2	10	25	50	75	90	95	98	99	1	2	.12	
						.0	.0	.0	.2	.4	.6	.7	.8		1.3	1.2		
	42602-Nitrogen dioxide (NO2)		1		1113										1 HOUR	0	Parts per billion	
2019	0	98	8617			.9	10	25	50	75	90	95	98	99	1	2	17.79	
						4.6	7.9	15.2	26.0	35.8	39.7	43.5	45.8		62.0	58.8		
	44201-Ozone		1		1113										8-HR RUN AVG	0	Parts per million	
2019	0	99	8715	0	0	.004	10	25	50	75	90	95	98	99	1	2	.0386	
						.022	.032	.040	.047	.053	.057	.061	.064		.067	.065		
	88101-PM2.5 - Local Conditions		1		1113										1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	100	8742			-1.4	10	25	50	75	90	95	98	99	1	2	9.05	
						2.1	3.9	7.1	11.7	17.7	23.4	32.6	40.2		97.9	88.2		
	88101-PM2.5 - Local Conditions		1		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2019	0	100	365	3	3	.7	10	25	50	75	90	95	98	99	1	2	9.00	
						3.1	4.9	7.6	11.1	15.4	20.2	31.0	34.4		47.0	44.7		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-037-0101

AQCR: FOUR CORNERS

Latitude: +38.458320

County: San Juan

Urban Area: NOT IN AN URBAN AREA

Longitude: -109.821260

City: Not in a city

Location Setting: RURAL

UTM Zone:

Support Agency: 0745

Land Use: DESERT

Utm Northing:

Address: CANYONLANDS NATIONAL PARK, UTAH

Utm Easting:

Vertical Meas: 1,794.0

Site Comments: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003-PC CALIBRATOR, CLIMATRONICS MET:

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc				
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean
44201-Ozone			1			0745										8-HR RUN AVG	0	Parts per million	
																BEGIN HOUR			
2019	0	98	8663	0	0	.028	10	25	50	75	90	95	98	99		1	2	.0472	
							.038	.042	.047	.053	.057	.058	.060	.064		.068	.065		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-045-0004
 County: Tooele
 City: Erda
 Support Agency: 1113
 Address: 2163 W. Erda Way

AQCR: WASATCH FRONT
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: COMMERCIAL

Latitude: +40.600532
 Longitude: -112.353414
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc					
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL GAS PHASE CHEMILUMINESCENCE							2.7	1 HOUR	0	Parts per billion	
2019	0	98	8560				-2.7	10	25	50	75	90	95	98	99	1	2	3.35		
							.8	1.2	2.0	4.0	7.9	11.2	15.0	18.2		43.3	33.6			
44201-Ozone	1			1113										8-HR RUN AVG	0	Parts per million				
2019	0	98	8572	0	0		.014	10	25	50	75	90	95	98	99	1	2	.0442		
							.032	.038	.045	.050	.055	.058	.063	.065		.072	.068			
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	86	315	1	1		.5	10	25	50	75	90	95	98	99	1	2	5.35		
							1.4	2.3	4.4	6.3	9.0	14.0	22.7	30.2		42.0	32.3			
88101-PM2.5 - Local Conditions	3			1113					Thermo Scientific Model 5030 SHARP							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	94	8278				-10.0	10	25	50	75	90	95	98	99	1	2	5.45		
							.9	1.9	4.0	6.6	11.0	16.3	25.4	31.9		57.7	54.6			
88101-PM2.5 - Local Conditions	3			1113					w/VSCC								24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2019	0	94	342	1	1		-2.0	10	25	50	75	90	95	98	99	1	2	5.40		
							1.3	2.4	4.5	6.7	9.1	12.6	23.1	30.1		37.4	34.4			

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-047-1002
 County: Uintah
 City: Not in a city
 Support Agency: 0745
 Address: Dinosaur National Monument

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: FOREST

Latitude: +40.437200
 Longitude: -109.304700
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,463.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages								Maximum Values	Arith Mean	
			1			0745							8-HR RUN AVG	0		Parts per million	
													BEGIN HOUR				
2019	0	97	8577	1	1	.014	10	25	50	75	90	95	98	99	1	2	.0479
							.035	.043	.050	.054	.058	.062	.067	.070	.080	.073	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-047-1004
 County: Uintah
 City: Vernal
 Support Agency: 1113
 Address: 628 North 1700 West

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: URBAN AND CENTER CITY
 Land Use: RESIDENTIAL

Latitude: +40.464710
 Longitude: -109.561472
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Year	Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Percentages										Maximum Values	Arith Mean	
					Min	Obs													
	42602-Nitrogen dioxide (NO2)		1				1113	INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2019	0	98	8578		.3	10	25	50	75	90	95	98	99		1	2	3.97		
					.9	1.3	2.4	5.1	9.3	12.6	16.5	19.4			34.6	33.0			
	44201-Ozone		1				1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2019	0	98	8607	1	.016	10	25	50	75	90	95	98	99		1	2	.0465		
					.033	.042	.048	.053	.057	.059	.062	.065			.076	.070			
	88101-PM2.5 - Local Conditions		4				1113	Thermo Scientific Model 5030 SHARP w/VSCC				Beta Attenuation			2	1 HOUR	0	Micrograms/cubic meter (LC)	
2019	0	100	8735		.0	10	25	50	75	90	95	98	99		1	2	5.19		
					1.4	2.5	4.0	6.2	10.1	14.4	20.3	23.4			56.5	45.1			
	88101-PM2.5 - Local Conditions		4				1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2019	0	100	365	0	.4	10	25	50	75	90	95	98	99		1	2	5.14		
					2.0	3.0	4.4	6.0	9.5	12.4	16.1	17.8			20.3	19.5			

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-047-2002	AQCR: UTAH	Latitude: +40.206291
County: Uintah	Urban Area: NOT IN AN URBAN AREA	Longitude: -109.353932
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 687	Land Use: DESERT	Utm Northing:
Address: 2 Miles west of Redwash atop Deadman's Bench		Utm Easting:
		Vertical Meas: 1,701.8

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)			1			687			INSTRUMENTAL	CHEMILUMINESCENCE								1	1 HOUR	0		Parts per billion	
2019	0		72	6336			-.2	10	25	50	75	90	95	98	99		1	2	2.18				
								.3	.6	1.2	3.0	5.4	7.1	9.2	10.8		24.7	20.9					
44201-Ozone			1			687									8-HR RUN AVG	0		Parts per million					
2019	0		73	6429	3	3	.027	10	25	50	75	90	95	98	99		1	2	.0522				
								.044	.048	.052	.057	.061	.065	.072	.078		.088	.085					

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-047-5601
 County: Uintah
 City: Not in a city
 Support Agency:
 Address: Seep Ridge Road

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: DESERT

Latitude: +39.635510
 Longitude: -109.431280
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 2,074.0

Site Comments:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages												Maximum	Values	Arith	Mean
42101-Carbon monoxide	1			1122													8-HR RUN AVG	2	Parts per million					
2019	0	24	2131	0	0	1.0	10	25	50	75	90	95	98	99			END HOUR	1	2	1.29				
									1.1	1.2	1.3	1.4	1.5	1.5	1.5	1.5			1.6	1.6				
42401-Sulfur dioxide	1			1122					Instrumental			Ultraviolet			.2	1 HOUR	2	Parts per billion						
									Fluorescence API 100			EU												
2019	2096	24	2096	0		-.1	10	25	50	75	90	95	98	99				1	2	.18				
									.0	.0	.1	.2	.4	.6	.9	1.2			1.2	.9				
42602-Nitrogen dioxide (NO2)	1			1122					Instrumental			Chemiluminescence			.05	1 HOUR	2	Parts per billion						
									Teledyne API 200			EU/501												
2019	2096	24	2096			.1	10	25	50	75	90	95	98	99				1	2	1.50				
									.3	.4	.8	2.0	3.5	4.8	6.4	7.2			15.4	10.7				
44201-Ozone	1			1122													8-HR RUN AVG	2	Parts per million					
2019	0	24	2129	0	0	.024	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0417				
									.035	.038	.043	.045	.048	.049	.051	.053			.053	.051				
81102-PM10 Total 10um STP	0-	1		1122					INSTRUMENT MET			BETA ATTENUATION			4	1 HOUR	2	Micrograms/cubic meter (25 C)						
2019	2145	24	2145			-3	10	25	50	75	90	95	98	99				1	2	4.9				
									1	3	4	6	9	10	13	16			322	45				
81102-PM10 Total 10um STP	0-	1		1122					INSTRUMENT MET			BETA ATTENUATION			4	1 HOUR	5	Micrograms/cubic meter (25 C)						
2019	2145	24	2145			-3	10	25	50	75	90	95	98	99				1	2	4.9				
									1	3	4	6	9	10	13	16			322	45				

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-047-5601
 County: Uintah
 City: Not in a city
 Support Agency:
 Address: Seep Ridge Road

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: DESERT

Latitude: +39.635510
 Longitude: -109.431280
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 2,074.0

Site Comments:

Parameter	POC	PQAO	Method of Collection and Analysis											MDL	Duration	EDT	Unit Desc						
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages													Maximum Values	Arith Mean
81102-PM10 Total	0-	1		1122													24-HR BLK AVG	2	Micrograms/cubic meter (25 C)				
10um STP																							
2019	0	25	90	0	0		1	10	25	50	75	90	95	98	99		21	1	2	4.4			
88101-PM2.5 - Local	1			1122													1 HOUR	2	Micrograms/cubic meter (LC)				
Conditions																							
2019	2145	24	2145				-5.0	10	25	50	75	90	95	98	99		6.0	1	2	.61			
88101-PM2.5 - Local	1			1122													1 HOUR	5	Micrograms/cubic meter (LC)				
Conditions																							
2019	2145	24	2145				-5.0	10	25	50	75	90	95	98	99		6.0	1	2	.61			
88101-PM2.5 - Local	1			1122													24-HR BLK AVG	2	Micrograms/cubic meter (LC)				
Conditions																							
2019	0	25	90	0	0		-1.5	10	25	50	75	90	95	98	99		4.0	1	2	.60			

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-047-7022
 County: Uintah
 City: Not in a city
 Support Agency: 687
 Address: WHITE ROCKS & COUNTY ROAD

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: DESERT

Latitude: +40.483598
 Longitude: -109.906796
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,893.0

Site Comments: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP:

Parameter		POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc					
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages											Maximum Values	Arith Mean		
42602-Nitrogen dioxide (NO2)		1		687				Instrumental		Chemiluminescence Teledyne API 200 EU/501								.05	1 HOUR	0	Parts per billion	
2019	0	72	6319			.0	10	25	50	75	90	95	98	99		1	2	1.16				
							.4	.5	.8	1.3	2.4	3.5	5.0	6.1		10.5	9.4					
44201-Ozone		1		687															8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2019	0	70	6269	0	0	.026	10	25	50	75	90	95	98	99		1	2	.0506				
							.043	.047	.050	.054	.059	.063	.067	.071		.074	.071					

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-049-4001
 County: Utah
 City: Lindon
 Support Agency: 1113
 Address: 30 NORTH MAIN STREET, LINDON, UTAH

AQCR: WASATCH FRONT
 Urban Area: PROVO-OREM, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.341389
 Longitude: -111.713611
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,442.0

Site Comments: LOCATED AT LINDON ELEMENTARY SCHOOL:

Parameter	POC	PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages													Maximum	Values	Arith	Mean
42101-Carbon monoxide	2			1113														8-HR RUN AVG	0	Parts per million					
2019	0	99	8669	0	0	.0	10	25	50	75	90	95	98	99				END HOUR	1	2	.10				
						.0	.0	.0	.1	.3	.6	.9	.9						1.1	1.0					
42602-Nitrogen dioxide (NO2)	2			1113					INSTRUMENTAL GAS PHASE CHEMILUMINESCENCE										2.7	1 HOUR	0	Parts per billion			
2019	0	98	8610			.5	10	25	50	75	90	95	98	99					1	2	8.92				
						1.8	3.0	5.6	12.0	21.6	27.9	33.8	36.2						44.5	44.4					
44201-Ozone	2			1113														8-HR RUN AVG	0	Parts per million					
2019	0	100	8735	0	0	.011	10	25	50	75	90	95	98	99				BEGIN HOUR	1	2	.0413				
						.023	.035	.042	.050	.055	.058	.061	.062						.066	.066					
81102-PM10 Total 0-10um STP	2			1113					R - P Co Partisol Model 2025										4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2019	0	98	357	0	0	2	10	25	50	75	90	95	98	99					1	2	17.0				
						5	9	15	23	32	40	44	51						69	53					
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC										2	24 HOUR	0	Micrograms/cubic meter (LC)			
2019	0	87	317	0	0	.8	10	25	50	75	90	95	98	99					1	2	6.01				
						2.1	3.2	5.0	7.3	11.3	14.7	20.8	22.9						25.9	24.6					

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-049-4001
 County: Utah
 City: Lindon
 Support Agency: 1113
 Address: 30 NORTH MAIN STREET, LINDON, UTAH

AQCR: WASATCH FRONT
 Urban Area: PROVO-OREM, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.341389
 Longitude: -111.713611
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,442.0

Site Comments: LOCATED AT LINDON ELEMENTARY SCHOOL:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	0	Micrograms/cubic meter (LC)			
2019	0	85	53	0	0	1.1	10	25	50	75	90	95	98	99		1	2	5.47	
							2.4	3.0	4.8	5.6	10.4	14.1	18.3	23.4		23.4	18.3		
88101-PM2.5 - Local Conditions		5		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2019	0	100	8733			.1	10	25	50	75	90	95	98	99		1	2	5.96	
							1.4	2.9	4.8	7.5	11.3	14.6	19.9	25.9		59.2	58.3		
88101-PM2.5 - Local Conditions		5		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2019	0	100	365	1	1	.7	10	25	50	75	90	95	98	99		1	2	5.92	
							2.1	3.5	5.2	6.9	10.8	12.6	17.2	20.2		37.9	26.8		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-049-5010
 County: Utah
 City: Spanish Fork
 Support Agency: 1113
 Address: 312 W. 2050 NORTH, SPANISH FORK, UTAH

AQCR: WASATCH FRONT
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: SUBURBAN
 Land Use: INDUSTRIAL

Latitude: +40.136336
 Longitude: -111.660502
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,380.0

Site Comments: SITE IS LOCATED AT SPANISH FORK AIRPORT:

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc				
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL GAS PHASE CHEMILUMINESCENCE							2.7	1 HOUR	0	Parts per billion
2019	0	99	8629				.2	10	25	50	75	90	95	98	99	1	2	7.03	
							1.7	2.9	5.2	8.5	14.3	20.8	29.5	33.1		47.1	45.1		
44201-Ozone	1			1113					8-HR RUN AVG BEGIN HOUR								0	Parts per million	
2019	0	99	8727	0	0		.013	10	25	50	75	90	95	98	99	1	2	.0462	
							.033	.039	.048	.054	.058	.062	.064	.066		.069	.069		
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)
2019	0	83	303	0	0		1.0	10	25	50	75	90	95	98	99	1	2	5.37	
							2.0	3.0	4.8	6.5	8.9	11.3	16.1	21.7		26.2	24.8		
88101-PM2.5 - Local Conditions	3			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)
2019	0	95	8350				.0	10	25	50	75	90	95	98	99	1	2	5.67	
							1.7	2.9	4.7	7.2	10.3	13.0	18.1	23.8		54.9	51.7		
88101-PM2.5 - Local Conditions	3			1113					24-HR BLK AVG								0	Micrograms/cubic meter (LC)	
2019	0	95	348	0	0		.7	10	25	50	75	90	95	98	99	1	2	5.63	
							2.5	3.5	5.2	7.1	9.1	9.9	13.9	16.9		30.9	26.4		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-053-0007
 County: Washington
 City: Hurricane
 Support Agency: 1113
 Address: 147 N 870 W, Hurricane, Utah

AQCR: FOUR CORNERS
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +37.179125
 Longitude: -113.305096
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 846.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL GAS PHASE CHEMILUMINESCENCE							2.7	1 HOUR	0	Parts per billion			
2019	0	93	8140				-.1	10	25	50	75	90	95	98	99	1	2	2.73				
								.7	1.0	1.6	2.9	6.0	9.5	14.9	18.3		37.3	31.8				
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million					
															BEGIN HOUR							
2019	0	99	8738	0	0		.019	10	25	50	75	90	95	98	99	1	2	.0463				
								.034	.040	.047	.053	.057	.058	.061	.064		.068	.065				
88101-PM2.5 - Local Conditions	3			1113						Thermo Scientific Model 5030 SHARP w/VSCC			Beta Attenuation		2	1 HOUR	0	Micrograms/cubic meter (LC)				
2019	0	88	7726				-.9	10	25	50	75	90	95	98	99	1	2	4.57				
								1.1	2.2	3.8	5.8	8.6	11.2	15.2	18.1		52.5	50.6				
88101-PM2.5 - Local Conditions	3			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)					
2019	0	88	322	0	0		.2	10	25	50	75	90	95	98	99	1	2	4.53				
								1.7	2.6	4.2	5.8	7.7	8.8	10.9	14.2		16.7	16.1				

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-053-0130
 County: Washington
 City: Virgin
 Support Agency: 0745
 Address: ZION NATIONAL PARK, UTAH

AQCR: FOUR CORNERS
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: DESERT

Latitude: +37.198300
 Longitude: -113.150600
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,213.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean
														8-HR RUN AVG	0	Parts per million	
														BEGIN HOUR			
2019	0	97	8573	0	0	.021	10	25	50	75	90	95	98	99	1	2	.0470
							.036	.042	.047	.053	.057	.059	.061	.063	.066	.065	

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-057-0002	AQCR: WASATCH FRONT	Latitude: +41.206321
County: Weber	Urban Area: OGDEN, UT	Longitude: -111.975524
City: Ogden	Location Setting: URBAN AND CENTER CITY	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: 228 32ND STREET, OGDEN, UTAH		Utm Easting:
		Vertical Meas: 1,316.0

Site Comments: THIS SITE REPLACES OG (490570001)WHICH WAS DEMOLISHED FOR NEW CONST.:

Parameter	POC	PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages													Maximum	Values	Arith	Mean
42101-Carbon monoxide	1			1113													8-HR RUN AVG	0	Parts per million						
2019	0	41	3607	0	0		.0	10	25	50	75	90	95	98	99		END HOUR	1	2	.16					
							.0	.0	.1	.2	.4	.5	.6	.7				1.5	1.3						
42602-Nitrogen dioxide (NO2)	1			1113													1 HOUR	0	Parts per billion						
2019	0	40	3476				.3	10	25	50	75	90	95	98	99			1	2	15.45					
							2.1	4.1	9.9	26.7	36.8	40.5	44.0	46.2				51.0	51.0						
44201-Ozone	1			1113													8-HR RUN AVG	0	Parts per million						
2019	0	41	3606	0	0		.005	10	25	50	75	90	95	98	99		BEGIN HOUR	1	2	.0425					
							.029	.037	.044	.049	.055	.058	.060	.061				.067	.061						
81102-PM10 Total 0-10um STP	1			1113													24 HOUR	0	Micrograms/cubic meter (25 C)						
2019	0	39	144	0	0		3	10	25	50	75	90	95	98	99			1	2	13.8					
							4	6	11	18	28	35	44	50				61	50						
88101-PM2.5 - Local Conditions	1			1113													24 HOUR	0	Micrograms/cubic meter (LC)						
2019	0	37	134	1	1		1.0	10	25	50	75	90	95	98	99			1	2	5.68					
							1.7	2.6	3.8	6.8	10.9	17.9	22.4	30.1				36.0	30.1						

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-057-0002

AQCR: WASATCH FRONT

Latitude: +41.206321

County: Weber

Urban Area: OGDEN, UT

Longitude: -111.975524

City: Ogden

Location Setting: URBAN AND CENTER CITY

UTM Zone:

Support Agency: 1113

Land Use: RESIDENTIAL

Utm Northing:

Address: 228 32ND STREET, OGDEN, UTAH

Utm Easting:

Vertical Meas: 1,316.0

Site Comments: THIS SITE REPLACES OG (490570001)WHICH WAS DEMOLISHED FOR NEW CONST.:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		5		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2019	0	41	3622			.3	10	25	50	75	90	95	98	99		1	2	5.83	
						1.1	1.9	4.0	7.1	12.4	17.9	26.2	33.0			48.0	47.2		
88101-PM2.5 - Local Conditions		5		1113		Thermo Scientific Model 5030 SHARP w/VSCC								24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2019	0	41	151	0	0	.7	10	25	50	75	90	95	98	99		1	2	5.78	
						1.6	2.8	4.1	7.1	9.8	17.0	23.9	27.7			34.9	27.7		

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-057-1003
 County: Weber
 City: Harrisville
 Support Agency: 1113
 Address: 425 W 2550 NORTH, OGDEN, UTAH

AQCR: WASATCH FRONT
 Urban Area: OGDEN, UT
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +41.303614
 Longitude: -111.987871
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,331.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc				
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages													Maximum Values	Arith Mean
42101-Carbon monoxide	1			1113												8-HR RUN AVG END HOUR	0		Parts per million			
2019	0	33	2899	0	0	.0	10	25	50	75	90	95	98	99	.4	.4	1	.5	2	.14		
						.0	.1	.1	.2	.3	.3	.4	.4	.4	.5	.5						
42602-Nitrogen dioxide (NO2)	1			1113				INSTRUMENTAL	GAS PHASE					2.7	1 HOUR	0		Parts per billion				
2019	0	81	7138			.3	10	25	50	75	90	95	98	99			1	2	10.89			
						1.3	2.6	6.3	16.8	29.1	33.8	37.9	39.9	47.6	47.6							
44201-Ozone	1			1113											8-HR RUN AVG BEGIN HOUR	0		Parts per million				
2019	0	82	7191	0	0	.004	10	25	50	75	90	95	98	99			1	2	.0404			
						.023	.034	.041	.049	.055	.058	.061	.064	.067	.065							
81102-PM10 Total 0-10um STP	1			1113				R - P Co Partisol Model 2025	Gravimetric					4	24 HOUR	0		Micrograms/cubic meter (25 C)				
2019	0	32	115	0	0	2	10	25	50	75	90	95	98	99			1	2	16.7			
						5	8	15	24	32	35	43	44	46	44							
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric					2	24 HOUR	0		Micrograms/cubic meter (LC)				
2019	0	34	125	0	0	1.3	10	25	50	75	90	95	98	99			1	2	6.90			
						2.1	3.5	5.1	8.4	12.7	19.4	26.8	32.4	32.6	32.4							

FREQUENCY DISTRIBUTION REPORT

Mar. 10, 2020

Utah

Site ID: 49-057-1003
 County: Weber
 City: Harrisville
 Support Agency: 1113
 Address: 425 W 2550 NORTH, OGDEN, UTAH

AQCR: WASATCH FRONT
 Urban Area: OGDEN, UT
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +41.303614
 Longitude: -111.987871
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,331.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2019	0	29	2521			-.2	10	25	50	75	90	95	98	99		1	2	6.46	
							1.1	2.1	4.1	8.3	14.7	20.3	28.5	33.1		41.4	38.4		
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2019	0	28	104	0	0	.2	10	25	50	75	90	95	98	99		1	2	6.44	
							1.8	2.6	4.4	8.1	13.1	19.2	25.4	31.4		31.7	31.4		