

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1912192

Report Code: AMP230

Mar. 16, 2021

GEOGRAPHIC SELECTIONS

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

49

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
--------------------------	-----------	--------	----------

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
2020	2020

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

Mar. 16, 2021

EXCEPTIONAL DATA TYPES

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

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	
2020	0	92	8124			.0	10	25	50	75	90	95	98	99		1	2	.83	
						.0	.0	.0	1.0	2.0	4.0	5.0	7.0			16.0	16.0		
44201-Ozone		1		195		Instrumental		Chemiluminescence Teledyne API 200 EU/501							.05	8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2020	0	89	7887	2	2	.022	10	25	50	75	90	95	98	99		1	2	.0447	
						.034	.039	.044	.051	.055	.058	.062	.066			.084	.083		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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:

Year	Exc	Evt	POC		PQAO		Min	Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc	
			%Obs	#Obs	#Pri	#Sec		Obs	Percentages								Maximum Values	Arith Mean
42602-Nitrogen dioxide (NO2)																		
			1		1113			INSTRUMENTAL						2.7	1 HOUR	0	Parts per billion	
2020	0	98	8603			.0	10	25	50	75	90	95	98	99	1	2	5.05	
							1.0	1.6	3.2	6.3	12.1	17.1	21.4	24.4		34.9	34.4	
44201-Ozone																		
			1		1113			INSTRUMENTAL							8-HR RUN AVG	0	Parts per million	
								CHEMILUMINESCENCE							BEGIN HOUR			
2020	0	98	8711	2	2	.016	10	25	50	75	90	95	98	99	1	2	.0416	
							.028	.035	.042	.049	.053	.058	.062	.068		.078	.077	
81102-PM10 Total 10um STP																		
			1		1113			R - P Co Partisol Model 2025						4	24 HOUR	1	Micrograms/cubic meter (25 C)	
2020	0	98	356	1	1	2	10	25	50	75	90	95	98	99	1	2	25.0	
							5	10	20	33	46	64	88	101		260	128	
81102-PM10 Total 10um STP																		
			1		1113			R - P Co Partisol Model 2025						4	24 HOUR	2	Micrograms/cubic meter (25 C)	
2020	1	98	357	2	2	2	10	25	50	75	90	95	98	99	1	2	25.6	
							5	10	20	33	47	66	89	114		266	260	
81102-PM10 Total 10um STP																		
			1		1113			R - P Co Partisol Model 2025						4	24 HOUR	5	Micrograms/cubic meter (25 C)	
2020	1	98	357	2	2	2	10	25	50	75	90	95	98	99	1	2	25.6	
							5	10	20	33	47	66	89	114		266	260	
81102-PM10 Total 10um STP																		
			2		1113			R - P Co Partisol Model 2025						4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2020	0	97	60	0	0	1	10	25	50	75	90	95	98	99	1	2	25.1	
							5	12	23	34	45	69	79	89		89	79	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	1	Micrograms/cubic meter (LC)		
2020	0	96	350	2	2	1.0	10	25	50	75	90	95	98	99	1	2	7.74
							2.2	3.6	6.1	10.0	15.0	19.5	24.1	30.9		39.6	35.6
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)		
2020	3	96	353	5	5	1.0	10	25	50	75	90	95	98	99	1	2	8.11
							2.3	3.6	6.3	10.2	15.7	20.3	28.6	39.6		61.6	50.2
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)		
2020	3	96	353	5	5	1.0	10	25	50	75	90	95	98	99	1	2	8.11
							2.3	3.6	6.3	10.2	15.7	20.3	28.6	39.6		61.6	50.2
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	1	Micrograms/cubic meter (LC)		
2020	0	100	346	1	1	.9	10	25	50	75	90	95	98	99	1	2	7.85
							13.1	14.4	16.5	20.9	25.7	28.4	30.6	38.7		38.7	30.6

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	2	Micrograms/cubic meter (LC)
2020	3	100	349	4	4	.9	10	25	50	75	90	95	98	99		1	2	8.22	
							13.8	14.6	17.1	21.7	28.4	38.7	48.8	62.1		62.1	48.8		
88101-PM2.5 - Local Conditions	2			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	5	Micrograms/cubic meter (LC)
2020	3	100	349	4	4	.9	10	25	50	75	90	95	98	99		1	2	8.22	
							13.8	14.6	17.1	21.7	28.4	38.7	48.8	62.1		62.1	48.8		
88101-PM2.5 - Local Conditions	4			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	1	Micrograms/cubic meter (LC)
2020	0	100	8352			.2	10	25	50	75	90	95	98	99		1	2	7.98	
							1.6	3.1	5.9	10.1	16.9	22.6	30.2	34.4		106.7	92.1		
88101-PM2.5 - Local Conditions	4			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	2	Micrograms/cubic meter (LC)
2020	85	100	8437			.2	10	25	50	75	90	95	98	99		1	2	8.42	
							1.7	3.2	6.0	10.4	17.7	24.0	33.2	43.9		106.7	92.1		
88101-PM2.5 - Local Conditions	4			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	5	Micrograms/cubic meter (LC)
2020	85	100	8437			.2	10	25	50	75	90	95	98	99		1	2	8.42	
							1.7	3.2	6.0	10.4	17.7	24.0	33.2	43.9		106.7	92.1		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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:

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
88101-PM2.5 - Local Conditions																		
2020	0	100	349	2	2	.7	10	25	50	75	90	95	98	99	1	2	7.97	
							17.2	18.5	22.2	26.5	31.4	38.6	45.3	45.3	45.3	38.6		
88101-PM2.5 - Local Conditions																		
2020	0	100	352	5	5	.7	10	25	50	75	90	95	98	99	1	2	8.39	
							18.5	20.9	24.1	31.2	45.2	53.4	65.2	65.2	65.2	53.4		
88101-PM2.5 - Local Conditions																		
2020	0	100	352	5	5	.7	10	25	50	75	90	95	98	99	1	2	8.39	
							18.5	20.9	24.1	31.2	45.2	53.4	65.2	65.2	65.2	53.4		
88101-PM2.5 - Local Conditions																		
2020	0	100	8659			.0	10	25	50	75	90	95	98	99	1	2	8.27	
							1.6	3.1	5.9	10.5	17.9	23.4	31.1	36.9	118.1	105.8		
88101-PM2.5 - Local Conditions																		
2020	85	100	8744			.0	10	25	50	75	90	95	98	99	1	2	8.73	
							1.6	3.2	6.0	10.8	18.7	25.3	35.3	44.5	118.1	105.8		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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							2	1 HOUR	5	Micrograms/cubic meter (LC)		
2020	85	100	8744			.0	10	25	50	75	90	95	98	99		1	2	8.73
							1.6	3.2	6.0	10.8	18.7	25.3	35.3	44.5		118.1	105.8	
88101-PM2.5 - Local Conditions		5		1113		Beta Attenuation								24-HR BLK AVG	1	Micrograms/cubic meter (LC)		
2020	0	100	362	4	4	.6	10	25	50	75	90	95	98	99		1	2	8.25
							2.1	3.5	6.4	10.2	16.8	22.0	28.2	35.5		44.3	39.3	
88101-PM2.5 - Local Conditions		5		1113		Beta Attenuation								24-HR BLK AVG	2	Micrograms/cubic meter (LC)		
2020	0	100	365	7	7	.6	10	25	50	75	90	95	98	99		1	2	8.69
							2.2	3.7	6.4	10.7	17.3	23.0	29.4	44.3		71.3	57.2	
88101-PM2.5 - Local Conditions		5		1113		Beta Attenuation								24-HR BLK AVG	5	Micrograms/cubic meter (LC)		
2020	0	100	365	7	7	.6	10	25	50	75	90	95	98	99		1	2	8.69
							2.2	3.7	6.4	10.7	17.3	23.0	29.4	44.3		71.3	57.2	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	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	
2020	0	98	8636				.0	10	25	50	75	90	95	98	99	1	2	10.57			
								.6	2.5	6.4	16.1	27.9	33.3	37.7	40.0		50.9	49.1			
44201-Ozone	1			1113														8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2020	0	99	8757	6	6		.009	10	25	50	75	90	95	98	99	1	2	.0425			
								.023	.033	.043	.051	.059	.064	.072	.080		.083	.083			
81102-PM10 Total 0-10um STP	5			1113				Tisch Model TE-Wilbur10 Low-Volume Sampler								4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2020	0	61	37	0	0		4	10	25	50	75	90	95	98	99	1	2	19.2			
								6	12	18	25	30	42	52	52		52	42			
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)		
2020	0	89	325	0	0		.2	10	25	50	75	90	95	98	99	1	2	7.08			
								2.2	3.4	5.8	8.7	13.8	18.3	25.6	26.1		32.3	28.8			
88101-PM2.5 - Local Conditions	3			1113				Thermo Scientific Model 5030 SHARP w/VSCC								2	1 HOUR	1	Micrograms/cubic meter (LC)		
2020	0	100	8685				.0	10	25	50	75	90	95	98	99	1	2	8.95			
								1.7	3.1	6.2	11.6	19.4	25.7	34.5	42.6		133.2	119.7			

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	Min	Obs	Percentages									Maximum Values	Arith Mean	
88101-PM2.5 - Local Conditions		3		1113				Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	1 HOUR	2	Micrograms/cubic meter (LC)	
2020	72	100	8757			.0	10	25	50	75	90	95	98	99		1	2	9.24	
							1.8	3.2	6.3	11.9	20.0	27.0	37.9	47.2		133.2	119.7		
88101-PM2.5 - Local Conditions		3		1113				Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	1 HOUR	5	Micrograms/cubic meter (LC)	
2020	72	100	8757			.0	10	25	50	75	90	95	98	99		1	2	9.24	
							1.8	3.2	6.3	11.9	20.0	27.0	37.9	47.2		133.2	119.7		
88101-PM2.5 - Local Conditions		3		1113				Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2020	0	100	363	4	4	.7	10	25	50	75	90	95	98	99		1	2	8.90	
							2.4	3.8	6.4	11.3	17.8	23.6	32.6	37.2		46.5	41.3		
88101-PM2.5 - Local Conditions		3		1113				Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2020	0	100	366	6	6	.7	10	25	50	75	90	95	98	99		1	2	9.19	
							2.6	3.9	6.6	11.9	18.3	27.4	34.0	41.3		63.8	46.5		
88101-PM2.5 - Local Conditions		3		1113				Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	24-HR BLK AVG	5	Micrograms/cubic meter (LC)	
2020	0	100	366	6	6	.7	10	25	50	75	90	95	98	99		1	2	9.19	
							2.6	3.9	6.6	11.9	18.3	27.4	34.0	41.3		63.8	46.5		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	Min	Obs	Percentages									Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL							2.7	1 HOUR	0	Parts per billion			
2020	0	98	8594				.3	10	25	50	75	90	95	98	99		1	2	5.29			
								1.6	2.3	3.9	6.5	11.1	14.5	18.5	21.5			38.5	35.0			
44201-Ozone	1			1113					GAS PHASE								8-HR RUN AVG	0	Parts per million			
2020	0	99	8760	0	0		.024	10	25	50	75	90	95	98	99		1	2	.0463			
								.037	.042	.047	.051	.055	.057	.061	.063			.071	.063			
88101-PM2.5 - Local Conditions	3			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2020	0	100	8757				.2	10	25	50	75	90	95	98	99		1	2	7.51			
								1.8	3.1	5.2	9.1	16.5	21.5	27.7	34.8			115.0	99.2			
88101-PM2.5 - Local Conditions	3			1113					Beta Attenuation								24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2020	0	100	366	4	4		1.1	10	25	50	75	90	95	98	99		1	2	7.47			
								2.4	3.6	5.5	8.9	15.1	19.9	23.2	37.0			45.3	44.6			
88101-PM2.5 - Local Conditions	4			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2020	0	83	7330				.2	10	25	50	75	90	95	98	99		1	2	6.53			
								1.4	2.6	4.4	7.7	14.5	19.6	26.7	33.8			87.2	75.8			
88101-PM2.5 - Local Conditions	4			1113					Beta Attenuation								24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2020	0	84	306	2	2		.8	10	25	50	75	90	95	98	99		1	2	6.48			
								1.7	3.0	4.6	7.6	12.5	19.0	24.1	35.2			43.1	39.9			

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

Utah

Site ID: 49-013-7011
 County: Duchesne
 City: Not in a city
 Support Agency: 687
 Address: 6000 SOUTH AND 10000 WEST (MYTON)

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

Latitude: +40.216779
 Longitude: -110.182742
 UTM Zone:
 Utm Northing:
 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	
2020	0	55	4815			-1.7	10	25	50	75	90	95	98	99			1	2	2.33			
							-0.5	-0.1	1.1	3.4	7.5	10.0	12.0	13.4			20.0	19.4				
44201-Ozone	1		687												8-HR RUN AVG BEGIN HOUR	0	Parts per million					
2020	0	74	6515	0	0	.025	10	25	50	75	90	95	98	99			1	2	.0494			
							.042	.046	.049	.053	.057	.060	.062	.064			.071	.065				

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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			
2020	0	99	8731	0	0	.025	10	25	50	75	90	95	98	99	1	2	.0450
							.036	.040	.045	.049	.054	.056	.059	.060	.062	.061	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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 GAS PHASE CHEMILUMINESCENCE							2.7	1 HOUR	0	Parts per billion	
2020	0		98	8639			.3	10	25	50	75	90	95	98	99	1	2	6.40		
								.9	1.6	3.8	9.0	16.3	20.6	25.0	27.3		56.3	51.5		
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million			
															BEGIN HOUR					
2020	0		99	8744	0	0	.020	10	25	50	75	90	95	98	99	1	2	.0414		
								.030	.034	.042	.048	.052	.055	.059	.061		.062	.062		
88101-PM2.5 - Local Conditions	1			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2020	0		100	8766			-1.5	10	25	50	75	90	95	98	99	1	2	5.43		
								1.6	2.6	4.3	6.9	10.5	13.5	18.4	23.3		76.7	57.9		
88101-PM2.5 - Local Conditions	1			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2020	0		100	366	0	0	.8	10	25	50	75	90	95	98	99	1	2	5.38		
								2.3	3.2	4.6	6.5	9.4	12.1	16.5	18.1		28.7	21.6		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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
		1		1113											8-HR RUN AVG END HOUR	0	Parts per million		
2020	0	92	8061	0	0	-.4	10	25	50	75	90	95	98	99		1	2	.08	
																	1.4	1.3	
		1		1113											1 HOUR	0	Parts per billion		
2020	0	98	8591	0		-.5	10	25	50	75	90	95	98	99		1	2	.79	
																	24.0	7.0	
		2		1113											5 MINUTE	0	Parts per billion		
2020	0	96	101481			-4.0	10	25	50	75	90	95	98	99		1	2	.20	
																	18.3	15.5	
		1		1113											1 HOUR	0	Parts per billion		
2020	0	92	8092			.8	10	25	50	75	90	95	98	99		1	2	14.77	
																	60.5	57.5	
		1		1113											8-HR RUN AVG BEGIN HOUR	0	Parts per million		
2020	0	97	8627	2	2	.003	10	25	50	75	90	95	98	99		1	2	.0413	
																	.085	.082	
		4		1113											1 HOUR	1	Micrograms/cubic meter (LC)		
2020	0	99	8633			.1	10	25	50	75	90	95	98	99		1	2	9.12	
																	289.2	231.4	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	1 HOUR	2	Micrograms/cubic meter (LC)		
2020	65	99	8698			.1	10	25	50	75	90	95	98	99		1	2	9.31
							2.4	4.0	6.7	11.4	19.1	25.2	33.6	38.9		289.2	231.4	
88101-PM2.5 - Local Conditions		4		1113		Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	1 HOUR	5	Micrograms/cubic meter (LC)		
2020	65	99	8698			.1	10	25	50	75	90	95	98	99		1	2	9.31
							2.4	4.0	6.7	11.4	19.1	25.2	33.6	38.9		289.2	231.4	
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	1	Micrograms/cubic meter (LC)		
2020	0	99	361	3	3	1.3	10	25	50	75	90	95	98	99		1	2	9.14
							3.2	5.0	7.0	10.9	17.2	23.7	30.6	33.8		49.3	40.6	
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	2	Micrograms/cubic meter (LC)		
2020	0	99	363	4	4	1.3	10	25	50	75	90	95	98	99		1	2	9.26
							3.2	5.0	7.0	11.2	17.8	24.1	31.2	36.9		49.3	48.7	
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	5	Micrograms/cubic meter (LC)		
2020	0	99	363	4	4	1.3	10	25	50	75	90	95	98	99		1	2	9.26
							3.2	5.0	7.0	11.2	17.8	24.1	31.2	36.9		49.3	48.7	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		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		
2020	0	89	7815	0	0	.0	10	25	50	75	90	95	98	99		1	2	.14	
							.0	.0	.1	.2	.4	.5	.6	.7		1.2	1.1		
		42401-Sulfur dioxide	1		1113		INSTRUMENTAL		Pulsed Fluorescent 43C-TLE/43i-TLE				.2	1 HOUR	0	Parts per billion			
2020	0	89	7775	0		-.3	10	25	50	75	90	95	98	99		1	2	.81	
							.1	.4	.6	1.2	1.7	1.8	2.6	3.5		7.4	4.1		
		42401-Sulfur dioxide	2		1113		INSTRUMENTAL		Pulsed Fluorescent 43C-TLE/43i-TLE				.2	5 MINUTE	0	Parts per billion			
2020	0	90	94893			-4.0	10	25	50	75	90	95	98	99		1	2	.39	
							-.2	.0	.3	.7	1.2	1.4	1.6	1.7		33.0	20.5		
		42602-Nitrogen dioxide (NO2)	1		1113		INSTRUMENTAL		GAS PHASE CHEMILUMINESCENCE				2.7	1 HOUR	0	Parts per billion			
2020	0	87	7620			.5	10	25	50	75	90	95	98	99		1	2	15.03	
							2.4	4.5	10.7	23.6	35.0	39.5	44.0	46.6		65.3	64.0		
		42602-Nitrogen dioxide (NO2)	3		1113		Teledyne-API Model 200EUP or T200UP		Photolytic- Chemiluminescence				.1	1 HOUR	0	Parts per billion			
2020	0	86	7561			.5	10	25	50	75	90	95	98	99		1	2	12.53	
							1.8	3.4	8.3	19.3	31.1	35.0	38.8	41.3		60.3	56.3		
		44201-Ozone	1		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million		
2020	0	92	8144	3	3	.003	10	25	50	75	90	95	98	99		1	2	.0425	
							.023	.032	.045	.052	.060	.065	.073	.075		.085	.084		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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				
81102-PM10 Total 0-10um STP	1			1113				R - P Co Partisol Model 2025	Gravimetric										4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2020	0	97	354	0	0	2	10 25	50 75 90 95 98 99	7 12	19 27 38 46 59 65	114 77												
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric										2	24 HOUR	1	Micrograms/cubic meter (LC)	
2020	0	90	327	0	0	1.3	10 25	50 75 90 95 98 99	2.5 3.9	5.8 9.2 15.4 18.3 25.0 27.6	30.2 29.3												
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric										2	24 HOUR	2	Micrograms/cubic meter (LC)	
2020	1	90	328	1	1	1.3	10 25	50 75 90 95 98 99	2.5 3.9	5.8 9.2 15.5 18.9 26.4 29.1	41.7 30.2												
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric										2	24 HOUR	5	Micrograms/cubic meter (LC)	
2020	1	90	328	1	1	1.3	10 25	50 75 90 95 98 99	2.5 3.9	5.8 9.2 15.5 18.9 26.4 29.1	41.7 30.2												
88101-PM2.5 - Local Conditions	2			1113				Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation										2	1 HOUR	0	Micrograms/cubic meter (LC)	
2020	0	98	8633			-4.8	10 25	50 75 90 95 98 99	2.1 3.3	5.5 9.0 14.6 20.5 28.1 33.2	63.2 57.5												

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		2		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)				
2020	0	98	357	0	0	1.3	10	25	50	75	90	95	98	99		1	2	7.29		
						2.6	4.0	5.9	8.1	14.2	19.5	27.0	29.1			30.9	30.0			
88101-PM2.5 - Local Conditions		4		1113				Thermo Scientific Model 5030 SHARP w/VSCC					Beta Attenuation	2	1 HOUR	0	Micrograms/cubic meter (LC)			
2020	0	91	7953			-1.4	10	25	50	75	90	95	98	99		1	2	7.14		
						2.0	3.1	5.0	8.8	15.3	20.5	27.9	32.4			64.2	51.8			
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)				
2020	0	90	331	1	1	.0	10	25	50	75	90	95	98	99		1	2	7.09		
						2.6	3.5	5.1	8.6	14.0	18.8	25.8	27.3			41.5	28.1			

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	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
		1		1113												8-HR RUN AVG	0	Parts per million			
																END HOUR					
2020	0	98	8647	0	0	-.4	10	25	50	75	90	95	98	99		1	2	.08			
																	1.4	1.2			
		1		1113											.4	1 HOUR	0	Parts per billion			
2020	0	98	8596	0		-1.7	10	25	50	75	90	95	98	99		1	2	1.05			
																	6.0	5.4			
		2		1113											.4	5 MINUTE	0	Parts per billion			
2020	0	96	101449			-2.9	10	25	50	75	90	95	98	99		1	2	.28			
																	15.8	12.9			
		1		1113											2.7	1 HOUR	0	Parts per billion			
2020	0	97	8559			.0	10	25	50	75	90	95	98	99		1	2	14.00			
																	58.2	56.6			
		1		1113												8-HR RUN AVG	0	Parts per million			
																BEGIN HOUR					
2020	0	98	8639	8	8	.004	10	25	50	75	90	95	98	99		1	2	.0405			
																	.087	.084			
		1		1113											2	24 HOUR	1	Micrograms/cubic meter			
																		(LC)			
2020	0	95	345	1	1	1.3	10	25	50	75	90	95	98	99		1	2	7.93			
																	38.1	35.1			

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)		
2020	1	95	346	2	2	1.3	10	25	50	75	90	95	98	99	1	2	8.04
						2.6	4.1	6.2	9.5	15.7	20.8	32.0	34.0		46.5	38.1	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)		
2020	1	95	346	2	2	1.3	10	25	50	75	90	95	98	99	1	2	8.04
						2.6	4.1	6.2	9.5	15.7	20.8	32.0	34.0		46.5	38.1	
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	1	Micrograms/cubic meter (LC)		
2020	0	100	355	2	2	1.3	10	25	50	75	90	95	98	99	1	2	8.68
						13.5	15.7	17.2	22.3	29.0	34.1	37.4	38.0		38.0	37.4	
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)		
2020	1	100	356	3	3	1.3	10	25	50	75	90	95	98	99	1	2	8.79
						13.8	15.7	17.5	22.3	31.9	34.2	38.0	46.1		46.1	38.0	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	5	Micrograms/cubic meter (LC)			
2020	1	100	356	3	3	1.3	10	25	50	75	90	95	98	99		1	2	8.79
							13.8	15.7	17.5	22.3	31.9	34.2	38.0	46.1		46.1	38.0	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2020	0	98	8630			-8.4	10	25	50	75	90	95	98	99		1	2	9.07
							2.1	3.8	6.7	11.6	18.7	24.1	33.0	37.9		215.1	182.1	
88101-PM2.5 - Local Conditions		3		1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2020	0	98	359	2	2	1.3	10	25	50	75	90	95	98	99		1	2	9.02
							3.2	5.0	7.1	10.9	17.4	23.1	30.9	33.6		52.2	36.6	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		
2020	0	98	8625			.0	10	25	50	75	90	95	98	99	1	2	4.60
						.7	1.3	2.7	6.1	11.0	15.3	20.0	23.6		49.2	46.6	
44201-Ozone	1		1113										8-HR RUN AVG	0	Parts per million		
2020	0	99	8724	1	1	.013	10	25	50	75	90	95	98	99	1	2	.0460
						.032	.038	.046	.054	.059	.063	.068	.073		.087	.075	
81102-PM10 Total 0-10um STP	1		1113					R - P Co Partisol Model 2025				4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2020	0	98	357	0	0	1	10	25	50	75	90	95	98	99	1	2	23.9
						5	9	19	35	49	64	74	94		113	106	
88101-PM2.5 - Local Conditions	2		1113					Thermo Scientific Model 5030 SHARP w/VSCC				2	1 HOUR	0	Micrograms/cubic meter (LC)		
2020	0	99	8727			-2.6	10	25	50	75	90	95	98	99	1	2	5.75
						.9	1.9	4.0	7.1	12.3	17.6	25.2	32.3		59.9	59.2	
88101-PM2.5 - Local Conditions	2		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2020	0	99	364	1	1	.1	10	25	50	75	90	95	98	99	1	2	5.69
						1.3	2.4	4.2	6.9	12.1	15.4	24.0	29.2		44.7	30.1	
88101-PM2.5 - Local Conditions	5		1113					Thermo Scientific Model 5030 SHARP w/VSCC				2	1 HOUR	0	Micrograms/cubic meter (LC)		
2020	0	98	8623			-.4	10	25	50	75	90	95	98	99	1	2	6.69
						1.5	2.5	4.7	8.2	14.3	19.7	26.8	33.8		70.4	66.6	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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
88101-PM2.5 - Local Conditions		5			1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2020	0	98	359	1	1	.3	10	25	50	75	90	95	98	99		1	2	6.64
							1.9	3.0	4.8	8.1	14.1	18.2	24.9	30.6		53.1	35.2	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

Utah

Site ID: 49-035-3014
 County: Salt Lake
 City: West Valley City
 Support Agency: 1113
 Address: 2782 South Corporate Park Dr.

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

Latitude: +40.709762
 Longitude: -112.008760
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,297.0

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			
2020	0	31	2752			-1.5	10	25	50	75	90	95	98	99	1	2	15.76		
							2.5	4.8	12.6	26.2	34.1	37.4	40.3	42.0		48.4	48.0		
44201-Ozone		1		1113		INSTRUMENTAL								8-HR RUN AVG	0	Parts per million			
2020	0	32	2838	0	0	.013	10	25	50	75	90	95	98	99	1	2	.0367		
							.021	.029	.034	.045	.056	.060	.062	.067		.067	.067		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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:

Year	Exc	Evt	POC		PQAO		Min	Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc	
			%Obs	#Obs	#Pri	#Sec		Obs	Percentages										Maximum	Arith Mean
			1			1113										8-HR RUN AVG	0	Parts per million		
																END HOUR				
2020	0	57	5032	0	0	.0	10	25	50	75	90	95	98	99		1	2	.20		
									.0	.1	.2	.3	.4	.5	.8	1.0	1.3	1.2		
			1			1113		INSTRUMENTAL	Pulsed Fluorescent				.2	1 HOUR	0	Parts per billion				
									43C-TLE/43i-TLE											
2020	0	57	5013	0		.0	10	25	50	75	90	95	98	99		1	2	.80		
									.1	.3	.6	1.1	1.8	2.2	2.9	3.5	4.4	3.7		
			3			1113		Instrumental	Ultraviolet				.2	5 MINUTE	0	Parts per billion				
									Fluorescence API 100											
									EU											
2020	0	41	43594			-0.6	10	25	50	75	90	95	98	99		1	2	.10		
									-0.2	-0.1	.0	.2	.5	.8	1.3	1.8	7.7	6.9		
			1			1113		INSTRUMENTAL	GAS PHASE				2.7	1 HOUR	0	Parts per billion				
									CHEMILUMINESCENCE											
2020	0	51	4504			1.0	10	25	50	75	90	95	98	99		1	2	14.35		
									2.9	4.9	10.4	21.6	32.9	37.3	41.1	43.6	52.6	49.6		
			1			1113			8-HR RUN AVG					0	Parts per million					
									BEGIN HOUR											
2020	0	58	5087	1	1	.006	10	25	50	75	90	95	98	99		1	2	.0417		
									.028	.035	.043	.048	.054	.058	.070	.071	.076	.073		
			1			1113		R - P Co Partisol	Gravimetric				4	24 HOUR	1	Micrograms/cubic meter				
									Model 2025											
2020	0	96	351	0	0	3	10	25	50	75	90	95	98	99		1	2	26.7		
									9	15	24	35	47	55	70	79	112	89		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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:

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
81102-PM10 Total	0-	1			1113		R - P Co Partisol							4	24 HOUR	2	Micrograms/cubic meter		
							Model 2025										(25 C)		
2020	1	96	352	1	1	3	10	25	50	75	90	95	98	99		1	2	27.1	
							10	15	24	35	47	55	71	79			162	112	
81102-PM10 Total	0-	1			1113		R - P Co Partisol							4	24 HOUR	5	Micrograms/cubic meter		
							Model 2025										(25 C)		
2020	1	96	352	1	1	3	10	25	50	75	90	95	98	99		1	2	27.1	
							10	15	24	35	47	55	71	79			162	112	
88101-PM2.5 - Local		1			1113		R & P Model 2025							2	24 HOUR	1	Micrograms/cubic meter		
							PM-2.5 Sequential										(LC)		
							Air Sampler												
							w/VSCC												
2020	0	94	342	0	0	.0	10	25	50	75	90	95	98	99		1	2	8.10	
							2.9	4.3	6.6	9.9	16.1	20.1	28.9	33.0			35.0	34.9	
88101-PM2.5 - Local		1			1113		R & P Model 2025							2	24 HOUR	2	Micrograms/cubic meter		
							PM-2.5 Sequential										(LC)		
							Air Sampler												
							w/VSCC												
2020	2	94	344	2	2	.0	10	25	50	75	90	95	98	99		1	2	8.30	
							2.9	4.3	6.6	10.1	16.4	21.3	30.0	34.9			46.0	38.4	
88101-PM2.5 - Local		1			1113		R & P Model 2025							2	24 HOUR	5	Micrograms/cubic meter		
							PM-2.5 Sequential										(LC)		
							Air Sampler												
							w/VSCC												
2020	2	94	344	2	2	.0	10	25	50	75	90	95	98	99		1	2	8.30	
							2.9	4.3	6.6	10.1	16.4	21.3	30.0	34.9			46.0	38.4	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2020	0	49	4348			.2	10	25	50	75	90	95	98	99		1	2	3.88
						1.0	1.9	3.2	5.4	7.6	8.8	10.3	12.0		25.8	21.9		
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC							24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2020	0	50	182	0	0	.4	10	25	50	75	90	95	98	99		1	2	3.83
						1.6	2.3	3.4	4.8	7.5	7.7	8.4	9.3		12.6	9.3		
88101-PM2.5 - Local Conditions		4		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2020	0	36	3156			.5	10	25	50	75	90	95	98	99		1	2	5.25
						1.6	2.5	4.4	6.8	10.0	12.4	15.4	18.3		34.8	34.1		
88101-PM2.5 - Local Conditions		4		1113		Thermo Scientific Model 5030 SHARP w/VSCC							24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2020	0	36	131	0	0	1.3	10	25	50	75	90	95	98	99		1	2	5.20
						2.4	3.3	4.9	6.5	8.2	10.0	12.0	14.0		17.6	14.0		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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:

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					
2020	0	99	8732	0	0		-.4	10	25	50	75	90	95	98	99	1	2	.02				
42602-Nitrogen dioxide (NO2)	1			1113											1 HOUR	0	Parts per billion					
2020	0	98	8583				.8	10	25	50	75	90	95	98	99	1	2	17.00				
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million					
2020	0	98	8691	3	3		.002	10	25	50	75	90	95	98	99	1	2	.0395				
88101-PM2.5 - Local Conditions	1			1113											1 HOUR	0	Micrograms/cubic meter (LC)					
2020	0	98	8595				.4	10	25	50	75	90	95	98	99	1	2	10.40				
88101-PM2.5 - Local Conditions	1			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)					
2020	0	97	356	5	5		1.4	10	25	50	75	90	95	98	99	1	2	10.56				

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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		
2020	0	98	8605				.4	10	25	50	75	90	95	98	99		1	2	3.60		
								1.2	1.7	2.6	4.5	7.4	9.5	12.2	14.2		32.8	29.8			
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million				
2020	0	99	8755	1	1		.018	10	25	50	75	90	95	98	99		1	2	.0423		
								.027	.034	.043	.050	.056	.059	.066	.070		.087	.071			
88101-PM2.5 - Local Conditions	1			1113						R & P Model 2025 Gravimetric							2	24 HOUR	1	Micrograms/cubic meter (LC)	
2020	0	92	333	0	0		.7	10	25	50	75	90	95	98	99		1	2	6.57		
								1.7	3.0	4.9	8.3	13.8	18.9	20.8	24.9		30.1	29.0			
88101-PM2.5 - Local Conditions	1			1113						R & P Model 2025 Gravimetric							2	24 HOUR	2	Micrograms/cubic meter (LC)	
2020	4	92	337	4	4		.7	10	25	50	75	90	95	98	99		1	2	7.03		
								1.8	3.1	5.0	8.4	14.6	19.6	25.5	36.0		65.4	39.8			
88101-PM2.5 - Local Conditions	1			1113						R & P Model 2025 Gravimetric							2	24 HOUR	5	Micrograms/cubic meter (LC)	
2020	4	92	337	4	4		.7	10	25	50	75	90	95	98	99		1	2	7.03		
								1.8	3.1	5.0	8.4	14.6	19.6	25.5	36.0		65.4	39.8			

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	1	Micrograms/cubic meter (LC)	
2020	0	97	8486			-8.6	10	25	50	75	90	95	98	99	1	2	6.78	
							.9	2.2	4.6	8.6	14.6	20.2	28.4	34.6		107.0	100.7	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	2	Micrograms/cubic meter (LC)	
2020	72	97	8558			-8.6	10	25	50	75	90	95	98	99	1	2	7.16	
							1.0	2.3	4.7	8.8	15.3	21.9	32.9	44.7		107.0	100.7	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	5	Micrograms/cubic meter (LC)	
2020	72	97	8558			-8.6	10	25	50	75	90	95	98	99	1	2	7.16	
							1.0	2.3	4.7	8.8	15.3	21.9	32.9	44.7		107.0	100.7	
88101-PM2.5 - Local Conditions		3		1113											24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2020	0	97	352	0	0	.1	10	25	50	75	90	95	98	99	1	2	6.69	
							1.5	3.1	5.0	8.4	14.0	18.6	23.9	28.1		33.6	32.0	
88101-PM2.5 - Local Conditions		3		1113											24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2020	0	97	355	3	3	.1	10	25	50	75	90	95	98	99	1	2	7.07	
							1.5	3.1	5.2	8.5	14.1	19.0	28.1	33.6		71.5	43.5	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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
88101-PM2.5 - Local Conditions		3		1113										24-HR BLK AVG	5	Micrograms/cubic meter (LC)		
2020	0	97	355	3	3	.1	10	25	50	75	90	95	98	99		1	2	7.07
							1.5	3.1	5.2	8.5	14.1	19.0	28.1	33.6		71.5	43.5	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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			
2020	0	95	8467	0	0	.020	10	25	50	75	90	95	98	99	1	2	.0454
							.035	.041	.046	.050	.054	.057	.061	.063		.072	.065

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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:

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 CHEMILUMINESCENCE								1	1 HOUR	0	Parts per billion	
2020	0	98	8601				-0.7	10	25	50	75	90	95	98	99	1	2	3.97			
								.8	1.2	2.2	4.9	9.6	13.5	18.5	21.6		43.1	39.5			
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million				
															BEGIN HOUR						
2020	0	98	8641	0	0		.014	10	25	50	75	90	95	98	99	1	2	.0418			
								.031	.037	.041	.047	.053	.057	.061	.063		.067	.066			
88101-PM2.5 - Local Conditions	4			1113				Thermo Scientific Model 5030 SHARP w/VSCC				Beta Attenuation				2	1 HOUR	0	Micrograms/cubic meter (LC)		
2020	0	98	8581				-0.2	10	25	50	75	90	95	98	99	1	2	6.63			
								1.4	2.5	4.3	8.0	15.2	21.0	26.7	31.4		70.5	66.1			
88101-PM2.5 - Local Conditions	4			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)				
2020	0	98	357	1	1		.6	10	25	50	75	90	95	98	99	1	2	6.58			
								2.0	3.2	4.7	8.4	14.1	18.2	22.3	29.2		38.4	33.6			

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

Utah

Site ID: 49-047-7022
 County: Uintah
 City: Not in a city
 Support Agency: 687
 Address: WHITEROCKS & 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	
2020	0	74	6505			.0	10	25	50	75	90	95	98	99		1	2	1.08				
							.3	.5	.7	1.2	2.4	3.4	4.8	5.9		10.8	8.6					
44201-Ozone		1		687															8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2020	0	73	6498	0	0	.028	10	25	50	75	90	95	98	99		1	2	.0495				
							.043	.046	.049	.053	.057	.060	.063	.065		.073	.067					

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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 END HOUR	0	Parts per million		
2020	0	94	8238	0	0	-.1	10	25	50	75	90	95	98	99			1	2	.27	
							.1	.2	.3	.4	.5	.5	.5	.6			.9	.8		
42602-Nitrogen dioxide (NO2)	2		1113				INSTRUMENTAL			GAS PHASE				2.7	1 HOUR	0	Parts per billion			
2020	0	91	8005			.4	10	25	50	75	90	95	98	99			1	2	9.60	
							2.1	3.4	6.4	13.2	22.9	28.6	33.2	36.2			64.7	58.2		
44201-Ozone	2		1113													8-HR RUN AVG BEGIN HOUR	0	Parts per million		
2020	0	95	8411	1	1	.005	10	25	50	75	90	95	98	99			1	2	.0417	
							.025	.033	.041	.051	.057	.061	.065	.068			.077	.073		
81102-PM10 Total 0-10um STP	2		1113				R - P Co Partisol Model 2025			Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2020	0	95	349	0	0	3	10	25	50	75	90	95	98	99			1	2	23.0	
							8	13	20	30	41	48	62	73			143	90		
88101-PM2.5 - Local Conditions	1		1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC			Gravimetric				2	24 HOUR	1	Micrograms/cubic meter (LC)			
2020	0	87	315	0	0	1.2	10	25	50	75	90	95	98	99			1	2	7.47	
							2.7	3.7	6.0	8.9	14.0	20.3	25.5	27.4			32.1	29.8		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	2	Micrograms/cubic meter (LC)
2020	2	87	317	2	2	1.2	10	25	50	75	90	95	98	99		1	2	7.68	
							2.8	3.7	6.1	8.9	14.5	20.5	26.4	29.8		45.4	37.5		
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	5	Micrograms/cubic meter (LC)
2020	2	87	317	2	2	1.2	10	25	50	75	90	95	98	99		1	2	7.68	
							2.8	3.7	6.1	8.9	14.5	20.5	26.4	29.8		45.4	37.5		
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)
2020	0	90	56	0	0	2.0	10	25	50	75	90	95	98	99		1	2	9.12	
							3.2	4.6	7.2	11.5	18.5	24.1	31.6	34.3		34.3	31.6		
88101-PM2.5 - Local Conditions	5			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)
2020	0	95	8319			.1	10	25	50	75	90	95	98	99		1	2	7.84	
							2.1	3.6	6.0	9.7	15.3	20.6	28.6	33.6		165.0	154.0		
88101-PM2.5 - Local Conditions	5			1113													24-HR BLK AVG	0	Micrograms/cubic meter (LC)
2020	0	94	345	2	2	1.3	10	25	50	75	90	95	98	99		1	2	7.80	
							2.9	4.2	6.4	9.3	14.5	19.7	26.2	28.0		38.2	38.2		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	
2020	0	98	8646				.2	10	25	50	75	90	95	98	99		1	2	7.78		
								1.7	2.9	5.4	10.1	17.2	23.4	29.6	32.6		43.6	42.8			
44201-Ozone	1			1113														8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2020	0	99	8757	2	2		.014	10	25	50	75	90	95	98	99		1	2	.0453		
								.031	.037	.046	.053	.060	.064	.066	.070		.085	.076			
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC								2	24 HOUR	1	Micrograms/cubic meter (LC)		
2020	0	95	343	0	0		.5	10	25	50	75	90	95	98	99		1	2	7.06		
								2.4	3.7	6.0	8.9	12.8	17.2	23.9	25.4		30.6	27.0			
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC								2	24 HOUR	2	Micrograms/cubic meter (LC)		
2020	3	95	346	2	2		.5	10	25	50	75	90	95	98	99		1	2	7.33		
								2.5	3.8	6.1	9.0	13.1	17.9	25.4	30.6		41.4	37.0			
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC								2	24 HOUR	5	Micrograms/cubic meter (LC)		
2020	3	95	346	2	2		.5	10	25	50	75	90	95	98	99		1	2	7.33		
								2.5	3.8	6.1	9.0	13.1	17.9	25.4	30.6		41.4	37.0			

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)		
2020	0	99	8724			.2	10	25	50	75	90	95	98	99	1	2	7.49	
						1.8	3.1	5.5	9.7	15.3	20.3	27.4	32.4		108.9	97.0		
88101-PM2.5 - Local Conditions		3		1113		24-HR BLK AVG								24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2020	0	99	363	1	1	.8	10	25	50	75	90	95	98	99	1	2	7.44	
						2.4	3.8	5.7	9.2	14.9	20.2	24.5	31.4		39.5	34.2		

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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							2.7	1 HOUR	0	Parts per billion			
2020	0	98	8639				.2	10	25	50	75	90	95	98	99		1	2	3.33			
							.9	1.2	1.9	3.6	7.5	11.5	16.9	21.1			39.2	35.8				
44201-Ozone	1			1113													8-HR RUN AVG	0	Parts per million			
2020	0	99	8764	0	0		.026	10	25	50	75	90	95	98	99		1	2	.0446			
							.032	.037	.045	.051	.056	.058	.062	.065			.069	.068				
88101-PM2.5 - Local Conditions	3			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2020	0	97	8564				-2.9	10	25	50	75	90	95	98	99		1	2	5.89			
							1.6	2.8	4.8	7.4	11.4	14.9	19.1	23.0			59.2	51.6				
88101-PM2.5 - Local Conditions	3			1113													24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2020	0	97	355	0	0		.8	10	25	50	75	90	95	98	99		1	2	5.86			
							2.4	3.3	5.3	7.0	10.0	13.1	16.6	20.4			23.4	21.2				

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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
			1			0745								8-HR RUN AVG	0		Parts per million	
														BEGIN HOUR				
2020	0	99	8743	0	0	.031	10	25	50	75	90	95	98	99		1	2	.0468
							.036	.040	.047	.053	.058	.060	.065	.067		.074	.072	

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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	0	Parts per million						
2020	0	99	8717	0	0	-0.1	10	25	50	75	90	95	98	99	99	END HOUR	1	2	.10					
									.0	.0	.1	.2	.3	.4	.4	.5		.6	.6					
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL					2.7	1 HOUR	0	Parts per billion							
2020	0	98	8601			.1	10	25	50	75	90	95	98	99	99		1	2	11.17					
									1.3	2.3	6.2	15.5	31.7	38.9	42.9	45.1		81.4	59.5					
44201-Ozone	1			1113												8-HR RUN AVG	0	Parts per million						
2020	0	98	8686	3	3	.008	10	25	50	75	90	95	98	99	99	BEGIN HOUR	1	2	.0418					
									.023	.031	.043	.051	.058	.063	.070	.074		.082	.078					
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol Model 2025			Gravimetric			4	24 HOUR	0	Micrograms/cubic meter (25 C)						
2020	0	97	354	0	0	2	10	25	50	75	90	95	98	99	99		1	2	18.9					
									6	9	16	24	38	44	51	66		94	77					
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC			Gravimetric			2	24 HOUR	1	Micrograms/cubic meter (LC)						
2020	0	89	325	0	0	.0	10	25	50	75	90	95	98	99	99		1	2	6.61					
									2.0	3.2	5.4	8.0	12.6	17.6	22.1	25.2		30.8	26.9					

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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																		
	1		1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)	
2020	2	89	327	2	2	.0	10	25	50	75	90	95	98	99		1	2	6.82
								2.0	3.2	5.4	8.1	13.0	18.8	22.7	26.9		42.0	38.9
88101-PM2.5 - Local Conditions																		
	1		1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)	
2020	2	89	327	2	2	.0	10	25	50	75	90	95	98	99		1	2	6.82
								2.0	3.2	5.4	8.1	13.0	18.8	22.7	26.9		42.0	38.9
88101-PM2.5 - Local Conditions																		
	3		1113					Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	1	Micrograms/cubic meter (LC)	
2020	0	97	8473			-8.9	10	25	50	75	90	95	98	99		1	2	6.60
								1.4	2.5	4.8	8.4	14.0	18.9	25.3	31.2		58.2	48.3
88101-PM2.5 - Local Conditions																		
	3		1113					Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	2	Micrograms/cubic meter (LC)	
2020	72	97	8545			-8.9	10	25	50	75	90	95	98	99		1	2	6.87
								1.4	2.6	4.9	8.6	14.6	19.9	28.6	35.7		71.1	65.3
88101-PM2.5 - Local Conditions																		
	3		1113					Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	5	Micrograms/cubic meter (LC)	
2020	72	97	8545			-8.9	10	25	50	75	90	95	98	99		1	2	6.87
								1.4	2.6	4.9	8.6	14.6	19.9	28.6	35.7		71.1	65.3

FREQUENCY DISTRIBUTION REPORT

Mar. 16, 2021

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											24-HR BLK AVG	1	Micrograms/cubic meter (LC)		
2020	0	97	351	0	0	.5	10	25	50	75	90	95	98	99		1	2	6.56	
						1.9	3.1	5.2	8.2	12.3	19.0	21.8	25.9			33.2	29.7		
88101-PM2.5 - Local Conditions		3		1113											24-HR BLK AVG	2	Micrograms/cubic meter (LC)		
2020	0	97	354	2	2	.5	10	25	50	75	90	95	98	99		1	2	6.83	
						2.0	3.2	5.3	8.2	13.0	19.8	25.6	29.7			47.5	41.9		
88101-PM2.5 - Local Conditions		3		1113											24-HR BLK AVG	5	Micrograms/cubic meter (LC)		
2020	0	97	354	2	2	.5	10	25	50	75	90	95	98	99		1	2	6.83	
						2.0	3.2	5.3	8.2	13.0	19.8	25.6	29.7			47.5	41.9		