

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 2177556

Report Code: AMP230

Apr. 2, 2024

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

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
2023	2023

APPLICABLE STANDARDS

Standard Description
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
NO2 Annual 1971
Ozone 8-hour 2015
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

Apr. 2, 2024

Utah

Site ID: 49-003-0005
 County: Box Elder
 City: Brigham City
 Support Agency:
 Address: 340 Paxton Pl, BRIGHAM CITY, UT

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

Latitude: +41.489930
 Longitude: -112.021435
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,334.0

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						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2023	0	50	181	0	0	.6	10	25	50	75	90	95	98	99		1	2	7.03
							2.5	3.9	5.7	8.2	13.5	17.6	25.4	31.1		33.0	31.1	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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					.05	1 HOUR	0	Parts per billion		
								Teledyne API 200												
								EU/501												
2023	0	77	6727			-.4		10	25	50	75	90	95	98	99		1	2	.63	
								.0	.0	.0	.6	2.1	3.3	5.6	7.1		15.3	14.9		
44201-Ozone		1		195												8-HR RUN AVG	0	Parts per million		
								BEGIN HOUR												
2023	0	79	4538	0	0	.000		10	25	50	75	90	95	98	99		1	2	.0392	
								.028	.032	.039	.047	.054	.055	.057	.059		.060	.059		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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		4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)				
2023	0	100	355	8	8	.4	10	25	50	75	90	95	98	99		1	2	8.63		
							18.5	20.0	23.9	43.6	66.9	76.3	97.5	97.5		97.5	76.3			
88101-PM2.5 - Local Conditions		5		1113				Thermo Scientific Model 5030 SHARP w/VSCC		Beta Attenuation			2	1 HOUR	0	Micrograms/cubic meter (LC)				
2023	0	99	8681			-.6	10	25	50	75	90	95	98	99		1	2	8.75		
							1.9	3.8	6.2	9.4	17.0	24.9	40.9	56.0		112.2	110.8			
88101-PM2.5 - Local Conditions		5		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)				
2023	0	99	361	8	8	.4	10	25	50	75	90	95	98	99		1	2	8.71		
							2.5	4.7	6.2	8.7	16.5	22.1	42.4	58.8		98.9	76.7			

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

Utah

Site ID: 49-007-1003	AQCR: UTAH	Latitude: +39.595750
County: Carbon	Urban Area: NOT IN AN URBAN AREA	Longitude: -110.770111
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: 1,737.6

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			
2023	0	82	7211				.2	10	25	50	75	90	95	98	99		1	2	2.29						
							.9	1.2	1.7	2.6	4.2	5.9	8.2	10.3			21.4	20.6							
44201-Ozone	1			1113					GAS PHASE											8-HR RUN AVG	0	Parts per million			
2023	0	97	6119	0	0		.022	10	25	50	75	90	95	98	99		1	2	.0445						
							.033	.040	.045	.051	.054	.056	.058	.059			.060	.060							
88101-PM2.5 - Local Conditions	5			1113					Thermo Scientific Model 5030 SHARP w/VSCC										2	1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	99	8687				.0	10	25	50	75	90	95	98	99		1	2	3.63						
							.7	1.8	3.2	4.7	6.4	7.8	10.4	15.4			52.2	48.0							
88101-PM2.5 - Local Conditions	5			1113					Beta Attenuation											24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2023	0	99	362	0	0		.3	10	25	50	75	90	95	98	99		1	2	3.58						
							1.3	2.5	3.5	4.5	5.6	6.3	7.3	8.4			19.1	17.9							

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	
2023	0	99	8631			.6	10	25	50	75	90	95	98	99		1	2	11.61		
								2.3	3.7	7.2	16.5	28.5	33.6	41.4	47.3		61.0	58.2		
42602-Nitrogen dioxide (NO2)	2		1113					Instrumental - Cavity-Attenuated Teledyne API - Phase-Shift (CAPS) Model N500 spectroscopy Nitrogen Oxides Analyzer								.1	1 HOUR	0	Parts per billion	
2023	0	97	8498			.2	10	25	50	75	90	95	98	99		1	2	9.63		
								2.1	3.3	6.2	13.8	23.4	27.5	32.2	34.6		44.0	43.0		
44201-Ozone	1		1113											8-HR RUN AVG BEGIN HOUR	0	Parts per million				
2023	0	99	6189	9	9	.004	10	25	50	75	90	95	98	99		1	2	.0443		
								.026	.034	.045	.055	.062	.066	.071	.073		.086	.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)	
2023	0	100	60	0	0	3	10	25	50	75	90	95	98	99		1	2	19.2		
								5	9	18	24	35	57	60	65		65	60		
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)	
2023	0	99	361	4	4	.6	10	25	50	75	90	95	98	99		1	2	6.50		
								1.9	3.1	4.8	6.7	12.5	21.6	28.0	35.9		48.3	44.6		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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							2	1 HOUR	0	Micrograms/cubic meter (LC)		
2023	0	100	8739			.0	10	25	50	75	90	95	98	99		1	2	7.32
							1.7	3.4	5.5	8.6	14.7	21.0	28.9	35.9		58.3	58.2	
88101-PM2.5 - Local Conditions		3		1113		24-HR BLK AVG								24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2023	0	100	364	3	3	.4	10	25	50	75	90	95	98	99		1	2	7.26
							2.6	4.3	5.8	8.0	12.7	19.4	25.7	34.3		45.6	42.5	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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:

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		INSTRUMENTAL							2.7	1 HOUR	0	Parts per billion	
								GAS PHASE											
								CHEMILUMINESCENCE											
2023	0	97	97	8536			.4	10	25	50	75	90	95	98	99	1	2	8.31	
								1.4	2.6	5.3	11.2	19.6	25.2	32.7	38.2		67.5	63.2	
				1		1113										8-HR RUN AVG	0	Parts per million	
																BEGIN HOUR			
2023	0	98	98	6140	23	23	.011	10	25	50	75	90	95	98	99	1	2	.0488	
								.031	.041	.050	.056	.063	.075	.087	.093		.112	.095	
				2		1113										8-HR RUN AVG	0	Parts per million	
																BEGIN HOUR			
2023	0	99	99	6175	28	28	.009	10	25	50	75	90	95	98	99	1	2	.0492	
								.030	.041	.050	.056	.065	.077	.090	.099		.117	.100	
81102-PM10 Total 10um STP	0-	1		1		1113		R - P Co Partisol Model 2025			Gravimetric			4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2023	0	95	95	345	0	0	3	10	25	50	75	90	95	98	99	1	2	18.5	
								7	11	16	23	33	40	46	48		109	50	
81102-PM10 Total 10um STP	0-	2		2		1113		R - P Co Partisol Model 2025			Gravimetric			4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2023	0	100	100	60	0	0	3	10	25	50	75	90	95	98	99	1	2	19.4	
								7	11	16	21	38	48	50	112		112	50	
81102-PM10 Total 10um STP	0-	3		3		1113		Met One E-BAM PLUS			Beta Attenuation			10	1 HOUR	0	Micrograms/cubic meter (25 C)		
2023	0	99	99	8642			-15	10	25	50	75	90	95	98	99	1	2	18.4	
								0	6	14	26	40	50	67	84		414	413	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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
81102-PM10 Total	0-	3				1113											24-HR BLK AVG	0	Micrograms/cubic meter				
																			(25 C)				
2023	0	99	362	0	0		1	10	25	50	75	90	95	98	99			1	2	18.0			
									6	10	15	24	34	40	51	53			108	67			
88101-PM2.5 - Local	1					1113											24 HOUR	0	Micrograms/cubic meter				
Conditions																			(LC)				
2023	0	93	341	8	8		.9	10	25	50	75	90	95	98	99			1	2	8.45			
									2.5	3.7	5.1	9.0	19.7	29.8	36.3	39.4			42.5	41.3			
88101-PM2.5 - Local	3					1113											1 HOUR	0	Micrograms/cubic meter				
Conditions																			(LC)				
2023	0	100	8719				-0.8	10	25	50	75	90	95	98	99			1	2	8.39			
									2.1	3.6	5.6	9.3	18.9	28.0	36.0	41.5			68.4	66.3			
88101-PM2.5 - Local	3					1113											24-HR BLK AVG	0	Micrograms/cubic meter				
Conditions																			(LC)				
2023	0	100	364	5	5		.5	10	25	50	75	90	95	98	99			1	2	8.35			
									3.0	4.2	5.8	8.5	18.0	27.3	33.7	37.2			39.7	39.4			
88101-PM2.5 - Local	4					1113											1 HOUR	0	Micrograms/cubic meter				
Conditions																			(LC)				
2023	0	95	8347				-8.1	10	25	50	75	90	95	98	99			1	2	8.09			
									1.9	3.4	5.3	9.2	18.3	27.0	34.6	40.3			63.3	62.7			

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2023	0	95	348	5	5	.5	10	25	50	75	90	95	98	99		1	2	8.04
							2.6	4.1	5.5	8.3	19.3	25.8	32.9	35.8		38.0	38.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	
2023	0	72	6304			-.8		10	25	50	75	90	95	98	99		1	2	5.90				
								.9	1.8	4.4	8.3	13.6	16.5	19.2	21.2		41.4	38.0					
44201-Ozone	1		687												8-HR RUN AVG BEGIN HOUR	0	Parts per million						
2023	0	73	4550	29	29	.031		10	25	50	75	90	95	98	99		1	2	.0567				
								.046	.051	.055	.059	.072	.080	.089	.094		.119	.101					

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

Utah

Site ID: 49-019-0007
 County: Grand
 City: Moab
 Support Agency: 1113
 Address: 691 S Mill Creek Dr

AQCR: FOUR CORNERS
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: SUBURBAN
 Land Use: COMMERCIAL

Latitude: +38.566055
 Longitude: -109.537160
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,222.0

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			
2023	0	70	6164				.4	10	25	50	75	90	95	98	99		1	2	3.66				
							.8	1.2	2.4	4.8	8.3	11.1	14.5	17.2			27.6	25.7					
44201-Ozone	1			1113														8-HR RUN AVG	0	Parts per million			
2023	0	70	4407	0	0		.016	10	25	50	75	90	95	98	99		1	2	.0460				
							.027	.037	.049	.055	.059	.061	.062	.063			.064	.063					
88101-PM2.5 - Local Conditions	1			1113					Thermo Scientific Model 5030 SHARP w/VSCC				Beta Attenuation				2	1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	69	6024				-1.1	10	25	50	75	90	95	98	99		1	2	7.54				
							2.3	4.0	6.4	9.5	13.8	17.4	23.4	28.0			79.7	52.6					
88101-PM2.5 - Local Conditions	1			1113														24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2023	0	68	250	0	0		.2	10	25	50	75	90	95	98	99		1	2	7.50				
							4.0	5.8	7.9	9.1	10.7	11.6	13.2	13.6			14.7	14.5					

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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			
2023	0		98	8615			-.4	10	25	50	75	90	95	98	99	1	2	5.88					
								.9	1.6	3.6	7.9	14.2	18.6	23.2	26.7		113.0	91.3					
44201-Ozone	1			1113					CHEMILUMINESCENCE									8-HR RUN AVG	0	Parts per million			
2023	0		99	6178	0	0	.021	10	25	50	75	90	95	98	99	1	2	.0438					
								.033	.038	.044	.050	.055	.058	.060	.061		.062	.062					
88101-PM2.5 - Local Conditions	1			1113					Thermo Scientific Model 5030 SHARP w/VSCC				Beta Attenuation				2	1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0		100	8739			.0	10	25	50	75	90	95	98	99	1	2	5.06					
								1.4	2.7	4.6	6.7	9.1	10.7	13.3	15.5		55.1	46.9					
88101-PM2.5 - Local Conditions	1			1113					24-HR BLK AVG									0	Micrograms/cubic meter (LC)				
2023	0		100	365	0	0	.7	10	25	50	75	90	95	98	99	1	2	5.01					
								2.2	3.4	4.9	6.5	7.5	8.3	9.9	10.9		14.3	12.5					

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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
42101-Carbon monoxide			1															8-HR RUN AVG	0	Parts per million					
2023	0		99	8685	0	0	.0	10	25	50	75	90	95	98	99			END HOUR	1	2	.21				
									.1	.1	.2	.3	.4	.5	.7	.7			1.0	.9					
42401-Sulfur dioxide			1						INSTRUMENTAL					ULTRAVIOLET FLUORESCENCE					.4	1 HOUR	0	Parts per billion			
2023	0		98	8552	0		-.9	10	25	50	75	90	95	98	99				1	2	1.10				
									-.1	.5	1.1	1.7	2.1	2.5	2.9	3.1			4.8	3.2					
42401-Sulfur dioxide			2						INSTRUMENTAL					ULTRAVIOLET FLUORESCENCE					.4	5 MINUTE	0	Parts per billion			
2023	0		95	100367			-1.4	10	25	50	75	90	95	98	99				1	2	.73				
									-.6	.2	.8	1.4	1.7	1.8	2.1	2.4			9.8	6.4					
42602-Nitrogen dioxide (NO2)			1						INSTRUMENTAL					GAS PHASE CHEMILUMINESCENCE					2.7	1 HOUR	0	Parts per billion			
2023	0		98	8598			.1	10	25	50	75	90	95	98	99				1	2	12.24				
									1.9	3.6	8.3	17.6	30.6	35.3	39.6	43.1			51.8	51.5					
44201-Ozone			1						INSTRUMENTAL					ULTRAVIOLET FLUORESCENCE					.4	8-HR RUN AVG	0	Parts per million			
2023	0		99	6188	6	6	.005	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0435				
									.024	.032	.043	.056	.063	.066	.069	.073			.079	.076					
88101-PM2.5 - Local Conditions			1						R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC					Gravimetric					2	24 HOUR	0	Micrograms/cubic meter (LC)			
2023	0		99	360	3	3	1.0	10	25	50	75	90	95	98	99				1	2	7.15				
									2.3	3.7	5.2	7.3	13.9	24.0	29.1	32.1			48.7	44.2					

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	0	Micrograms/cubic meter (LC)		
2023	0	100	8726			.1	10	25	50	75	90	95	98	99		1	2	8.49
							2.2	4.1	6.3	9.5	17.2	25.9	34.0	40.2		130.7	119.1	
88101-PM2.5 - Local Conditions		4		1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2023	0	100	364	3	3	.7	10	25	50	75	90	95	98	99		1	2	8.44
							3.1	4.9	6.6	8.9	15.8	26.6	30.2	32.6		52.6	47.5	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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
42101-Carbon monoxide	1		1113													8-HR RUN AVG	0	Parts per million			
2023	0	99	8713	0	0	.0	10	25	50	75	90	95	98	99	99	END HOUR	1	2	.14		
							.0	.0	.1	.2	.3	.4	.6	.6	.6		.8	.8			
42401-Sulfur dioxide	1		1113				Instrumental	Ultraviolet Fluorescence API 100 EU					.2	1 HOUR	0	Parts per billion					
2023	0	99	8655	0		.3	10	25	50	75	90	95	98	99	99		1	2	1.07		
							.5	.6	.9	1.3	1.9	2.4	3.0	3.4			4.5	3.5			
42401-Sulfur dioxide	2		1113				INSTRUMENTAL	Pulsed Fluorescent 43C-TLE/43i-TLE					.2	5 MINUTE	0	Parts per billion					
2023	0	97	101768			-1.9	10	25	50	75	90	95	98	99	99		1	2	.62		
							.3	.4	.5	.7	1.1	1.4	1.8	2.2			5.9	5.6			
42602-Nitrogen dioxide (NO2)	1		1113				INSTRUMENTAL	GAS PHASE CHEMILUMINESCENCE					2.7	1 HOUR	0	Parts per billion					
2023	0	97	8498			.8	10	25	50	75	90	95	98	99	99		1	2	11.72		
							2.3	3.5	7.3	17.1	29.6	34.3	38.5	41.6			58.3	53.8			
42602-Nitrogen dioxide (NO2)	3		1113				Instrumental - Teledyne API - Model N500	Cavity-Attenuated Phase-Shift (CAPS) spectroscopy Nitrogen Oxides Analyzer					.1	1 HOUR	0	Parts per billion					
2023	0	97	8522			-.2	10	25	50	75	90	95	98	99	99		1	2	11.92		
							2.5	3.8	7.8	17.5	29.0	33.7	38.1	40.2			55.4	50.4			

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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
44201-Ozone	1		1113													8-HR RUN AVG	0	Parts per million			
																BEGIN HOUR					
2023	0	99	6176	6	6	.006	10	25	50	75	90	95	98	99			1	2	.0442		
							.025	.034	.046	.055	.061	.066	.068	.072				.075	.075		
81102-PM10 Total 0-10um STP	1		1113				R - P Co Partisol Gravimetric										4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2023	0	94	344	0	0	3	10	25	50	75	90	95	98	99			1	2	18.7		
							6	11	16	23	35	43	55	65				79	71		
81102-PM10 Total 0-10um STP	4		1113				Met One E-BAM Beta Attenuation										10	1 HOUR	0	Micrograms/cubic meter (25 C)	
2023	0	97	8502			-15	10	25	50	75	90	95	98	99			1	2	19.2		
							4	9	15	24	39	49	63	75				435	326		
81102-PM10 Total 0-10um STP	4		1113															24-HR BLK AVG	0	Micrograms/cubic meter (25 C)	
2023	0	96	350	0	0	3	10	25	50	75	90	95	98	99			1	2	18.7		
							6	10	16	24	35	42	58	68				73	71		
88101-PM2.5 - Local Conditions	1		1113				R & P Model 2025 Gravimetric										2	24 HOUR	0	Micrograms/cubic meter (LC)	
2023	0	97	355	2	2	1.1	10	25	50	75	90	95	98	99			1	2	6.66		
							2.1	3.2	4.8	6.9	13.0	22.1	28.1	33.4				46.7	43.1		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	1	Micrograms/cubic meter (LC)		
2023	0	100	8707			1.2	10	25	50	75	90	95	98	99	1	2	7.90	
							2.9	4.1	5.7	8.2	15.1	24.9	32.7	39.4			66.1 64.7	
88101-PM2.5 - Local Conditions		2		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	2	Micrograms/cubic meter (LC)		
2023	21	100	8728			1.2	10	25	50	75	90	95	98	99	1	2	7.90	
							3.0	4.1	5.7	8.2	15.1	24.9	32.7	39.4			66.1 64.7	
88101-PM2.5 - Local Conditions		2		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	5	Micrograms/cubic meter (LC)		
2023	21	100	8728			1.2	10	25	50	75	90	95	98	99	1	2	7.90	
							3.0	4.1	5.7	8.2	15.1	24.9	32.7	39.4			66.1 64.7	
88101-PM2.5 - Local Conditions		2		1113		Thermo Scientific Model 5030 SHARP w/VSCC								24-HR BLK AVG	1	Micrograms/cubic meter (LC)		
2023	0	99	363	3	3	1.9	10	25	50	75	90	95	98	99	1	2	7.83	
							3.6	4.5	6.0	8.1	13.5	22.9	30.3	35.4			50.9 48.3	
88101-PM2.5 - Local Conditions		2		1113		Thermo Scientific Model 5030 SHARP w/VSCC								24-HR BLK AVG	2	Micrograms/cubic meter (LC)		
2023	0	99	363	3	3	1.9	10	25	50	75	90	95	98	99	1	2	7.83	
							3.6	4.5	6.0	8.1	13.5	22.9	30.3	35.4			50.9 48.3	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	2023	0	99	363	3	3	1.9	10	25	50	75	90	95	98	99	24-HR BLK AVG	5	Micrograms/cubic meter (LC)
								3.6	4.5	6.0	8.1	13.5	22.9	30.3	35.4			50.9 48.3
88101-PM2.5 - Local Conditions	2023	0	98	8557			-5.7	10	25	50	75	90	95	98	99	1 HOUR	1	Micrograms/cubic meter (LC)
								.9	2.6	5.0	8.6	15.7	23.0	30.5	37.3			69.9 61.8
88101-PM2.5 - Local Conditions	2023	63	98	8620			-5.7	10	25	50	75	90	95	98	99	1 HOUR	2	Micrograms/cubic meter (LC)
								1.0	2.7	5.1	8.7	15.7	23.0	30.5	37.3			69.9 61.8
88101-PM2.5 - Local Conditions	2023	63	98	8620			-5.7	10	25	50	75	90	95	98	99	1 HOUR	5	Micrograms/cubic meter (LC)
								1.0	2.7	5.1	8.7	15.7	23.0	30.5	37.3			69.9 61.8
88101-PM2.5 - Local Conditions	2023	0	99	361	2	2	-.5	10	25	50	75	90	95	98	99	24-HR BLK AVG	1	Micrograms/cubic meter (LC)
								1.8	3.7	5.5	7.6	14.2	21.5	28.0	31.8			46.6 45.0

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	2	Micrograms/cubic meter (LC)	
2023	0	99	361	2	2	-0.5	10	25	50	75	90	95	98	99		1	2	7.05
							1.8	3.8	5.6	7.6	14.2	21.5	28.0	31.8			46.6	45.0
88101-PM2.5 - Local Conditions		4		1113											24-HR BLK AVG	5	Micrograms/cubic meter (LC)	
2023	0	99	361	2	2	-0.5	10	25	50	75	90	95	98	99		1	2	7.05
							1.8	3.8	5.6	7.6	14.2	21.5	28.0	31.8			46.6	45.0

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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			
42101-Carbon monoxide	1			1113													8-HR RUN AVG	0	Parts per million									
2023	0	100	8730	0	0		-.3	10	25	50	75	90	95	98	99		END HOUR		1	2	.10							
																			1.2	1.2								
42401-Sulfur dioxide	1			1113													Instrumental	Ultraviolet	.2	1 HOUR	0	Parts per billion						
2023	0	99	8675	0			.1	10	25	50	75	90	95	98	99				1	2	1.48							
																			6.6	5.3								
42401-Sulfur dioxide	2			1113													Instrumental	Ultraviolet	.2	5 MINUTE	0	Parts per billion						
2023	0	96	100895				-.4	10	25	50	75	90	95	98	99				1	2	.78							
																			16.7	11.1								
42602-Nitrogen dioxide (NO2)	1			1113													INSTRUMENTAL	GAS PHASE	2.7	1 HOUR	0	Parts per billion						
2023	0	98	8615				-.2	10	25	50	75	90	95	98	99				1	2	13.10							
																			2.4	4.2	9.5	19.3	30.4	35.7	40.3	43.6	55.7	54.2
44201-Ozone	1			1113																								
2023	0	99	6176	3	3		.004	10	25	50	75	90	95	98	99				1	2	.0426							
																			.025	.033	.043	.053	.060	.063	.067	.070	.087	.073

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	0	Micrograms/cubic meter (LC)		
2023	0	99	361	3	3	.9	10	25	50	75	90	95	98	99	1	2	7.20
						2.1	3.6	5.4	7.4	14.1	23.3	29.8	33.8		46.7	44.9	
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)		
2023	0	100	362	3	3	1.0	10	25	50	75	90	95	98	99	1	2	7.41
						10.9	12.8	16.3	25.4	31.2	39.0	45.5	47.0		47.0	45.5	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2023	0	100	8749			.1	10	25	50	75	90	95	98	99	1	2	7.78
						2.0	3.6	5.8	9.1	15.9	23.2	30.6	36.8		66.5	63.9	
88101-PM2.5 - Local Conditions		3		1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2023	0	100	365	3	3	.7	10	25	50	75	90	95	98	99	1	2	7.73
						2.9	4.5	6.1	8.2	14.8	22.1	27.8	33.3		44.5	43.5	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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:

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		INSTRUMENTAL						2.7	1 HOUR	0	Parts per billion	
								GAS PHASE										
								CHEMILUMINESCENCE										
2023	0	98	8601			.2	10	25	50	75	90	95	98	99	1	2	4.96	
							.9	1.5	2.8	6.0	11.9	17.4	23.3	28.1	46.1	46.1		
				1		1113									8-HR RUN AVG	0	Parts per million	
															BEGIN HOUR			
2023	0	98	6155	1	1	.016	10	25	50	75	90	95	98	99	1	2	.0463	
							.032	.037	.047	.054	.061	.064	.067	.068	.076	.070		
81102-PM10 Total 0-10um STP			1			1113	R - P Co Partisol Model 2025			Gravimetric			4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2023	0	98	357	0	0	1	10	25	50	75	90	95	98	99	1	2	17.8	
							4	8	15	26	35	41	48	59	105	78		
81102-PM10 Total 0-10um STP			2			1113	Met One E-BAM PLUS			Beta Attenuation			10	1 HOUR	0	Micrograms/cubic meter (25 C)		
2023	0	96	8402			-15	10	25	50	75	90	95	98	99	1	2	14.1	
							1	5	10	19	29	39	54	72	640	476		
81102-PM10 Total 0-10um STP			2			1113								24-HR BLK AVG	0	Micrograms/cubic meter (25 C)		
2023	0	95	347	0	0	1	10	25	50	75	90	95	98	99	1	2	13.8	
							3	6	11	19	27	33	37	50	81	56		
88101-PM2.5 - Local Conditions			2			1113	Thermo Scientific Model 5030 SHARP w/VSCC			Beta Attenuation			2	1 HOUR	0	Micrograms/cubic meter (LC)		
2023	0	100	8740			-.8	10	25	50	75	90	95	98	99	1	2	5.90	
							1.0	2.4	4.6	7.1	11.5	17.1	25.0	30.2	56.1	48.6		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	2			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)					
2023	0	100	365	0	0	.3	10	25	50	75	90	95	98	99		1	2	5.86				
							1.5	2.9	5.0	7.0	10.5	15.4	21.7	28.0		33.0	30.2					
88101-PM2.5 - Local Conditions	5			1113					Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation					1 HOUR	0	Micrograms/cubic meter (LC)					
2023	0	99	8633			-.6	10	25	50	75	90	95	98	99		1	2	6.03				
							1.3	2.7	4.7	7.2	11.7	16.8	24.4	30.0		57.1	48.6					
88101-PM2.5 - Local Conditions	5			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)					
2023	0	98	359	0	0	.4	10	25	50	75	90	95	98	99		1	2	5.99				
							1.8	3.2	5.0	7.0	11.3	15.0	21.5	27.7		30.9	29.7					

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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			
2023	0	98	8627				.6	10	25	50	75	90	95	98	99	1	2	10.50					
							1.9	3.0	6.4	15.3	26.5	31.7	35.6	39.1		48.9	48.1						
44201-Ozone	1			1113					GAS PHASE									8-HR RUN AVG	0	Parts per million			
2023	0	99	6162	6	6		.008	10	25	50	75	90	95	98	99	1	2	.0451					
							.028	.036	.047	.056	.061	.064	.070	.072		.077	.075						
88101-PM2.5 - Local Conditions	1			1113					Thermo Scientific Model 5030 SHARP w/VSCC				Beta Attenuation				2	1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	100	8745				.2	10	25	50	75	90	95	98	99	1	2	7.32					
							1.6	3.4	5.6	8.7	14.9	21.5	28.2	32.6		55.1	53.0						
88101-PM2.5 - Local Conditions	1			1113					CHEMILUMINESCENCE									24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2023	0	100	365	2	2		.7	10	25	50	75	90	95	98	99	1	2	7.27					
							2.5	4.1	6.0	8.1	12.7	20.3	26.5	28.6		42.2	40.1						

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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 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		
2023	0	99	8682	0	0	-.1	10	25	50	75	90	95	98	99		1	2	.25	
							.0	.1	.2	.4	.6	.7	.9	1.0			1.6	1.4	
		42401-Sulfur dioxide	1		1113		INSTRUMENTAL		ULTRAVIOLET FLUORESCENCE			.4		1 HOUR	0	Parts per billion			
2023	0	99	8638	0		.5	10	25	50	75	90	95	98	99		1	2	1.86	
							1.1	1.4	1.7	2.1	2.8	3.2	3.7	5.4			13.9	6.6	
		42401-Sulfur dioxide	3		1113		Instrumental		Ultraviolet Fluorescence API 100 EU			.2		5 MINUTE	0	Parts per billion			
2023	0	96	101151			-.2	10	25	50	75	90	95	98	99		1	2	1.22	
							.6	.9	1.2	1.5	1.7	2.0	2.4	2.8			71.9	66.0	
		42602-Nitrogen dioxide (NO2)	1		1113		INSTRUMENTAL		GAS PHASE CHEMILUMINESCENCE			2.7		1 HOUR	0	Parts per billion			
2023	0	98	8600			1.3	10	25	50	75	90	95	98	99		1	2	14.73	
							3.4	5.2	11.0	21.6	32.5	38.4	42.7	45.5			88.2	59.1	
		44201-Ozone	1		1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2023	0	98	6138	1	1	.006	10	25	50	75	90	95	98	99		1	2	.0394	
							.023	.032	.042	.048	.053	.056	.059	.062			.074	.063	
		81102-PM10 Total 10um STP	0-	1	1113		R - P Co Partisol Model 2025		Gravimetric			4		24 HOUR	0	Micrograms/cubic meter (25 C)			
2023	0	98	358	0	0	3	10	25	50	75	90	95	98	99		1	2	23.1	
							8	13	21	29	42	48	58	71			93	73	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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		
81102-PM10 Total 10um STP	0-	3		1113					Met One E-BAM Beta Attenuation PLUS								10	1 HOUR	0	Micrograms/cubic meter (25 C)
2023	0	96	8448				-15	10	25	50	75	90	95	98	99	1	2	23.5		
								5	10	18	30	47	59	75	95		622	619		
81102-PM10 Total 10um STP	0-	3		1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC									24-HR BLK AVG	0	Micrograms/cubic meter (25 C)
2023	0	96	349	0	0		3	10	25	50	75	90	95	98	99	1	2	22.9		
								7	13	20	30	42	49	63	70		87	79		
88101-PM2.5 - Local Conditions	1			1113					Thermo Scientific Model 5030 SHARP w/VSCC								2	24 HOUR	0	Micrograms/cubic meter (LC)
2023	0	97	353	3	3		1.2	10	25	50	75	90	95	98	99	1	2	7.82		
								2.4	4.0	5.9	8.1	16.5	24.8	29.8	34.6		47.6	45.5		
88101-PM2.5 - Local Conditions	3			1113					Beta Attenuation								2	1 HOUR	0	Micrograms/cubic meter (LC)
2023	0	100	8743				.3	10	25	50	75	90	95	98	99	1	2	7.80		
								1.8	3.4	5.8	9.3	15.8	23.5	30.4	35.3		92.1	87.4		
88101-PM2.5 - Local Conditions	3			1113					Beta Attenuation									24-HR BLK AVG	0	Micrograms/cubic meter (LC)
2023	0	100	365	3	3		.8	10	25	50	75	90	95	98	99	1	2	7.75		
								2.6	4.2	6.3	8.6	14.4	22.5	27.7	31.1		42.3	41.1		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

Utah

Site ID: 49-035-3016
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1480 North 8000 West

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

Latitude: +40.807897
 Longitude: -112.087717
 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	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL							2.7	1 HOUR	0	Parts per billion			
2023	0	98	8607				-.2	10	25	50	75	90	95	98	99	1	2	6.83				
								.7	1.3	3.8	9.8	18.1	23.9	29.0	31.8		50.7	49.9				
44201-Ozone	1			1113					GAS PHASE								8-HR RUN AVG	0	Parts per million			
2023	0	99	6176	5	5		.013	10	25	50	75	90	95	98	99	1	2	.0457				
								.029	.037	.047	.055	.060	.064	.068	.073		.080	.077				
88101-PM2.5 - Local Conditions	1			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	100	8742				.1	10	25	50	75	90	95	98	99	1	2	7.33				
								1.4	3.1	5.4	9.1	15.9	21.8	27.7	32.9		55.6	55.3				
88101-PM2.5 - Local Conditions	1			1113					Beta Attenuation								24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2023	0	100	365	2	2		.3	10	25	50	75	90	95	98	99	1	2	7.28				
								2.1	3.8	6.0	8.2	13.8	21.9	24.8	29.6		40.3	38.9				

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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: MOBILE

Latitude: +40.662961
 Longitude: -111.901851
 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			
2023	0	100	8727	0	0		-.2	10	25	50	75	90	95	98	99		END HOUR	1	2	.18		
								.0	.0	.1	.3	.5	.6	.8	.9			1.2	1.1			
42602-Nitrogen dioxide (NO2)			1					1113									INSTRUMENTAL		Parts per billion			
2023	0	98	8571				.7	10	25	50	75	90	95	98	99		GAS PHASE	0	Parts per billion			
								3.9	6.9	12.9	22.4	32.1	36.8	44.8	49.9		CHEMILUMINESCENCE	70.6	63.8	15.79		
44201-Ozone			1					1113									8-HR RUN AVG	0	Parts per million			
2023	0	99	6176	12	12		.004	10	25	50	75	90	95	98	99		BEGIN HOUR	1	2	.0415		
								.020	.029	.041	.054	.064	.066	.073	.076			.079	.078			
88101-PM2.5 - Local Conditions			1					1113									Thermo Scientific		Micrograms/cubic meter			
2023	0	100	8743				.2	10	25	50	75	90	95	98	99		Beta Attenuation	0	Micrograms/cubic meter			
								2.7	4.6	7.2	11.2	19.3	27.8	34.9	40.0		w/VSCC	76.4	68.2	9.51		
88101-PM2.5 - Local Conditions			1					1113									24-HR BLK AVG	0	Micrograms/cubic meter			
2023	0	100	365	3	3		.7	10	25	50	75	90	95	98	99			1	2	9.46		
								3.7	5.8	7.6	10.1	16.6	27.6	32.9	34.6			51.0	46.4			

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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: MOBILE

Latitude: +40.662961
 Longitude: -111.901851
 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		
88101-PM2.5 - Local Conditions		3		1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2023	0	98	359	3	3	1.3	10	25	50	75	90	95	98	99		1	2	8.65
							3.2	4.7	6.8	9.3	16.7	25.7	30.7	31.5		47.8	45.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

Utah

Site ID: 49-037-0004

AQCR: FOUR CORNERS

Latitude: +37.823000

County: San Juan

Urban Area: NOT IN AN URBAN AREA

Longitude: -109.771000

City: Not in a city

Location Setting: RURAL

UTM Zone:

Support Agency: 1110

Land Use: FOREST

Utm Northing:

Address: Dark Canyon

Utm Easting:

Vertical Meas: 2,600.0

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				1110								8-HR RUN AVG	2		Parts per million	
															BEGIN HOUR				
2023	0	26	1917	0	0	.038	10	25	50	75	90	95	98	99		1	2	.0535	
							.045	.050	.054	.058	.061	.062	.064	.066			.066	.064	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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			
2023	0	99	6162	33	33	.019	10	25	50	75	90	95	98	99	1	2	.0521
							.034	.044	.052	.057	.069	.085	.092	.098	.119	.108	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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								2.7	1 HOUR	0	Parts per billion			
2023	0	97	8500				.4	10	25	50	75	90	95	98	99		1	2	5.06				
								1.1	1.6	2.9	6.1	12.4	17.4	22.5	25.4			50.5	48.1				
44201-Ozone	1			1113					GAS PHASE									8-HR RUN AVG	0	Parts per million			
2023	0	98	6105	12	12		.014	10	25	50	75	90	95	98	99		1	2	.0476				
								.029	.041	.050	.055	.059	.066	.074	.078			.101	.088				
44201-Ozone	2			1113					CHEMILUMINESCENCE									8-HR RUN AVG	0	Parts per million			
2023	0	73	4597	0	0		.015	10	25	50	75	90	95	98	99		1	2	.0446				
								.028	.038	.048	.052	.056	.056	.059	.060			.065	.061				
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025								2	24 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	97	353	1	1		1.1	10	25	50	75	90	95	98	99		1	2	6.38				
								2.1	3.1	4.1	6.7	14.8	18.7	25.1	31.2			35.5	33.9				
88101-PM2.5 - Local Conditions	4			1113					Gravimetric									1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	98	8586				-7.1	10	25	50	75	90	95	98	99		1	2	6.66				
								2.0	3.0	4.7	7.7	13.8	19.7	27.7	33.6			59.0	57.7				

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2023	0	98	356	0	0	.8	10	25	50	75	90	95	98	99		1	2	6.63
							2.9	3.7	4.7	7.3	13.4	17.2	23.8	30.3		34.2	31.7	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	
2023	0	74	6518			.0	10	25	50	75	90	95	98	99		1	2	3.21				
							.5	.8	1.7	4.4	8.1	10.6	13.6	16.4		43.2	35.7					
44201-Ozone	1		687											8-HR RUN AVG	0	Parts per million						
														BEGIN HOUR								
2023	0	74	4620	10	10	.034	10	25	50	75	90	95	98	99		1	2	.0520				
							.044	.047	.051	.055	.060	.067	.076	.086		.105	.095					

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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					.05	1 HOUR	0	Parts per billion		
								Teledyne API 200												
								EU/501												
2023	0	72	6313			-.1	10	25	50	75	90	95	98	99		1	2	1.47		
								.3	.5	.8	1.7	3.4	5.0	6.9	8.8		30.4	14.8		
44201-Ozone		1		687												8-HR RUN AVG	0	Parts per million		
								BEGIN HOUR												
2023	0	73	4581	13	13	.031	10	25	50	75	90	95	98	99		1	2	.0546		
								.045	.050	.053	.058	.062	.070	.085	.090		.105	.099		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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			
2023	0	98	8626	0	0	-.4	10	25	50	75	90	95	98	99			1	2	.26		
							.1	.2	.3	.4	.4	.5	.6	.7			1.0	.8			
42602-Nitrogen dioxide (NO2)	2		1113				INSTRUMENTAL GAS PHASE CHEMILUMINESCENCE										2.7	1 HOUR	0	Parts per billion	
2023	0	98	8547			.3	10	25	50	75	90	95	98	99			1	2	8.42		
							1.8	3.0	5.4	11.4	20.5	25.5	30.9	34.0			46.5	45.7			
44201-Ozone	2		1113													8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2023	0	98	6148	0	0	.007	10	25	50	75	90	95	98	99			1	2	.0435		
							.027	.034	.045	.053	.060	.063	.065	.066			.069	.068			
81102-PM10 Total 10um STP	2		1113				R - P Co Partisol Model 2025 Gravimetric										4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2023	0	97	355	0	0	1	10	25	50	75	90	95	98	99			1	2	18.3		
							6	10	17	24	33	39	49	56			73	61			
81102-PM10 Total 10um STP	3		1113				Met One E-BAM PLUS Beta Attenuation										10	1 HOUR	0	Micrograms/cubic meter (25 C)	
2023	0	98	8550			-15	10	25	50	75	90	95	98	99			1	2	19.7		
							4	9	16	25	38	50	66	84			721	375			
81102-PM10 Total 10um STP	3		1113													24-HR BLK AVG	0	Micrograms/cubic meter (25 C)			
2023	0	98	356	0	0	2	10	25	50	75	90	95	98	99			1	2	19.3		
							6	11	18	25	34	39	51	59			81	76			

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	0	Micrograms/cubic meter (LC)			
2023	0	95	348	1	1	.6	10	25	50	75	90	95	98	99		1	2	5.83
						2.1	3.3	4.6	6.3	10.7	15.5	20.5	23.1		36.3	25.6		
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)			
2023	0	97	58	0	0	1.3	10	25	50	75	90	95	98	99		1	2	4.91
						1.9	3.4	4.6	5.7	9.2	11.0	11.2	12.5		12.5	11.2		
88101-PM2.5 - Local Conditions		5		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	99	8698			.1	10	25	50	75	90	95	98	99		1	2	6.74
						2.0	3.4	5.5	8.0	12.5	18.0	24.0	30.0		112.3	84.4		
88101-PM2.5 - Local Conditions		5		1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2023	0	99	361	1	1	.4	10	25	50	75	90	95	98	99		1	2	6.70
						2.8	4.0	5.7	7.8	11.3	16.1	20.2	23.1		35.6	26.0		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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: +40.136378
 Longitude: -111.657936
 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
2023	0	98	8556				.5	10	25	50	75	90	95	98	99	1	2	7.19		
								2.2	3.4	5.3	8.6	14.6	20.9	27.7	30.2		46.1	42.7		
44201-Ozone	1			1113														8-HR RUN AVG BEGIN HOUR	0	Parts per million
2023	0	98	6144	0	0		.014	10	25	50	75	90	95	98	99	1	2	.0449		
								.031	.037	.046	.053	.060	.062	.064	.065		.069	.067		
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)	
2023	0	98	357	0	0		.8	10	25	50	75	90	95	98	99	1	2	6.79		
								2.0	3.4	5.3	8.6	13.3	17.0	20.6	23.8		34.4	28.5		
88101-PM2.5 - Local Conditions	3			1113				Thermo Scientific Model 5030 SHARP w/VSCC								2	1 HOUR	0	Micrograms/cubic meter (LC)	
2023	0	99	8695				.0	10	25	50	75	90	95	98	99	1	2	7.13		
								1.9	3.5	5.6	8.9	13.9	18.3	25.0	30.7		55.4	54.8		
88101-PM2.5 - Local Conditions	3			1113													24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2023	0	99	361	1	1		.8	10	25	50	75	90	95	98	99	1	2	7.05		
								2.7	4.1	6.2	8.7	12.2	15.2	20.0	22.1		36.8	24.6		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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:

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 GAS PHASE CHEMILUMINESCENCE							2.7	1 HOUR	0	Parts per billion	
2023	0	93	8132				-0.7	10	25	50	75	90	95	98	99	1	2	4.50		
								.5	1.0	2.2	7.8	10.6	13.4	18.4	22.1		34.5	31.8		
	44201-Ozone		1			1113											8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2023	0	94	5837	0	0		.024	10	25	50	75	90	95	98	99	1	2	.0456		
								.034	.040	.045	.052	.057	.060	.063	.063		.064	.064		
	88101-PM2.5 - Local Conditions		3			1113			Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2023	0	98	8606				.1	10	25	50	75	90	95	98	99	1	2	4.36		
								1.4	2.3	3.8	5.7	7.8	9.6	12.5	15.2		47.4	41.0		
	88101-PM2.5 - Local Conditions		3			1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2023	0	98	358	0	0		.3	10	25	50	75	90	95	98	99	1	2	4.32		
								1.8	2.7	4.1	5.6	6.9	7.6	9.4	11.8		14.9	12.7		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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			
2023	0	97	6068	0	0	.029	10	25	50	75	90	95	98	99	1	2	.0465
							.036	.041	.046	.052	.058	.061	.064	.064	.067	.065	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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					
2023	0	99	8711	0	0		-.2	10	25	50	75	90	95	98	99			99	1	2	.22				
								.1	.1	.2	.3	.4	.5	.6	.6			.6	.8	.7					
42602-Nitrogen dioxide (NO2)	1			1113														INSTRUMENTAL		GAS PHASE	2.7				
2023	0	98	8593				-.8	10	25	50	75	90	95	98	99			1	2	8.69					
								.8	1.9	4.9	12.5	23.3	28.3	35.4	40.0			51.3	50.1						
44201-Ozone	1			1113														8-HR RUN AVG	0	Parts per million					
2023	0	99	6182	3	3		.004	10	25	50	75	90	95	98	99			1	2	.0452					
								.027	.035	.046	.055	.061	.064	.068	.070			.075	.074						
81102-PM10 Total 10um STP	1			1113														R - P Co Partisol		Gravimetric	4				
2023	0	94	342	0	0		2	10	25	50	75	90	95	98	99			1	2	15.7					
								4	8	14	21	28	33	40	46			74	47						
81102-PM10 Total 10um STP	2			1113														Met One E-BAM		Beta Attenuation	10				
2023	0	86	7555				-15	10	25	50	75	90	95	98	99			1	2	15.1					
								1	5	12	20	31	41	59	74			738	320						
81102-PM10 Total 10um STP	2			1113														24-HR BLK AVG	0	Micrograms/cubic meter					
2023	0	85	312	0	0		0	10	25	50	75	90	95	98	99			1	2	14.6					
								3	7	13	19	27	36	46	49			70	69						

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2024

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	0	Micrograms/cubic meter (LC)			
2023	0	95	348	1	1	.7	10	25	50	75	90	95	98	99		1	2	5.96
						1.9	3.1	4.7	6.9	11.3	17.0	21.7	23.6			49.5	29.4	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2023	0	98	8590			-.8	10	25	50	75	90	95	98	99		1	2	5.90
						1.2	2.5	4.3	6.8	11.9	16.7	22.6	29.9			60.7	60.7	
88101-PM2.5 - Local Conditions		3		1113		24-HR BLK AVG							24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2023	0	98	357	3	3	.4	10	25	50	75	90	95	98	99		1	2	5.85
						1.6	3.2	4.7	6.3	10.8	16.3	19.6	30.0			51.7	47.6	