

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1439588

Report Code: AMP230

Apr. 26, 2016

GEOGRAPHIC SELECTIONS

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

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
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CRITERIA

SELECTED OPTIONS

Option Type	Option Value
SUMMARY CRITERIA	INCLUDE ALL DATA
MERGE PDF FILES	YES
EVENTS PROCESSING	REPORT ALL EVENT RECORDS
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
2015	2015

APPLICABLE STANDARDS

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

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. 26, 2016

Utah

Site ID: 49-003-7001	AQCR: UTAH	Latitude: +41.945950
County: Box Elder	Urban Area: NOT IN AN URBAN AREA	Longitude: -112.233179
City: Not in a city	Location Setting: RURAL	UTM Zone: 12
Support Agency: 195	Land Use: AGRICULTURAL	Utm Northing: 4644310
Address: 8600 WEST 24000 NORTH PORTAGE, UTAH		Utm Easting: 397781
		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
44201-Ozone			1		195										8-HR RUN AVG	0	Parts per million		
															BEGIN HOUR				
2015	0	99	8446	0	0	.010	10	25	50	75	90	95	98	99		1	2	.0529	
							.050	.051	.054	.057	.061	.065	.067	.071		.072	.071		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-005-0004	AQCR: UTAH	Latitude: +41.731111
County: Cache	Urban Area: LOGAN, UT	Longitude: -111.837500
City: Logan	Location Setting: URBAN AND CENTER CITY	UTM Zone:
Support Agency: 1113	Land Use: COMMERCIAL	Utm Northing:
Address: 125 W. CENTER STREET, LOGAN, UT		Utm Easting:
		Vertical Meas: 1,380.0

Site Comments: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.:

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	
2015	0	89	7802				1.0	10	25	50	75	90	95	98	99	1	2	11.22			
								3.0	5.0	9.0	16.0	24.0	28.0	32.0	34.0		42.0	42.0			
44201-Ozone	1			1113														8-HR RUN AVG	0	Parts per million	
															BEGIN HOUR						
2015	0	77	7896	0	0		.003	10	25	50	75	90	95	98	99	1	2	.0502			
								.043	.046	.051	.055	.061	.064	.068	.071		.075	.071			
81102-PM10 Total 0-10um STP	1			1113				R - P Co Partisol Model 2000 Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2015	0	88	107	0	0		3	10	25	50	75	90	95	98	99	1	2	16.4			
								5	10	15	19	29	34	41	43		93	43			
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)		
2015	0	98	359	3	3		.3	10	25	50	75	90	95	98	99	1	2	7.31			
								2.4	3.7	5.1	7.2	16.6	23.8	29.0	35.0		59.3	45.2			
88101-PM2.5 - Local Conditions	2			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC Gravimetric								2	24 HOUR	0	Micrograms/cubic meter (LC)		
2015	0	83	25	1	1		1.5	10	25	50	75	90	95	98	99	1	2	8.66			
								2.0	3.8	5.3	7.6	17.3	26.1	59.6	59.6		59.6	26.1			

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

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

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

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

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE							1	1 HOUR	0		Parts per billion	
2015	0	29	2556				3.0		10	25	50	75	90	95	98	99		1	2	7.74		
									3.0	4.0	6.0	10.0	15.0	18.0	23.0	25.0			37.0	31.0		
44201-Ozone	1			1113												8-HR RUN AVG	0		Parts per million			
2015	0	7	2452	0	0		.011		10	25	50	75	90	95	98	99		1	2	.0455		
									.044	.044	.047	.049	.050	.050	.050	.050			.050	.050		
81102-PM10 Total 10um STP	1			1113					R - P Co Partisol	Gravimetric							4	24 HOUR	0		Micrograms/cubic meter (25 C)	
2015	0	85	107	0	0		2		10	25	50	75	90	95	98	99		1	2	16.3		
									4	8	13	21	29	36	49	57			108	57		
81102-PM10 Total 10um STP	2			1113					R - P Co Partisol	Gravimetric							4	24 HOUR	0		Micrograms/cubic meter (25 C)	
2015	0	77	24	0	0		0		10	25	50	75	90	95	98	99		1	2	14.3		
									0	8	13	20	29	29	41	41			41	29		
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025	Gravimetric							2	24 HOUR	0		Micrograms/cubic meter (LC)	
2015	0	84	307	3	3		.9		10	25	50	75	90	95	98	99		1	2	5.69		
									2.0	2.9	4.3	5.9	9.0	14.1	28.9	34.8			66.7	42.8		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2015	0	73	22	1	1	.0	10	25	50	75	90	95	98	99		1	2	6.88
							1.3	2.7	4.3	6.2	7.3	7.7	66.5	66.5		66.5	7.7	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

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

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE								1	1 HOUR	0		Parts per billion	
2015	0	0	38				2.0		10	25	50	75	90	95	98	99		1	2	4.87			
									2.0	3.0	4.0	6.0	9.0	11.0	13.0	13.0		13.0	11.0				
44201-Ozone	1			1113												8-HR RUN AVG	0		Parts per million				
2015	0	99	7030	0	0		.023		10	25	50	75	90	95	98	99		1	2	.0542			
									.051	.053	.056	.058	.063	.068	.069	.072		.074	.072				



FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-011-0004	AQCR: WASATCH FRONT	Latitude: +40.902967
County: Davis	Urban Area: SALT LAKE CITY, UT	Longitude: -111.884467
City: Bountiful	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4528150.36
Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH		Utm Easting: 425503.56
		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 Teledyne-API Model 200EUP or T200UP CHEMILUMINESCENCE Photolytic- Chemiluminescence								1 .1	1 HOUR	0	Parts per billion
2015	0	32	2796				.0	10	25	50	75	90	95	98	99		1	2	15.47	
								4.0	6.0	11.0	24.0	33.0	38.0	43.0	47.0		62.0	60.0		
44201-Ozone	1			1113											8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2015	0	52	7028	2	2		.002	10	25	50	75	90	95	98	99		1	2	.0530	
								.049	.052	.055	.060	.067	.073	.080	.083		.083	.080		
81102-PM10 Total 0-10um STP	5			1113				R - P Co Partisol Model 2000 Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2015	0	28	19	0	0		2	10	25	50	75	90	95	98	99		1	2	18.4	
								6	13	17	23	36	38	38	38		38	36		
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)	
2015	0	87	105	0	0		1.1	10	25	50	75	90	95	98	99		1	2	6.35	
								2.6	4.1	5.1	6.6	9.7	17.9	20.2	31.4		34.7	31.4		
88101-PM2.5 - Local Conditions	3			1113				Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation								2	1 HOUR	0	Micrograms/cubic meter (LC)	
2015	0	66	5811				.1	10	25	50	75	90	95	98	99		1	2	6.83	
								2.1	3.3	4.9	7.5	12.1	20.1	29.4	42.0		70.2	67.5		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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: 12  
 Utm Northing: 4528150.36  
 Utm Easting: 425503.56  
 Vertical Meas: 1,309.0

Site Comments: NEW SITE TO REPLACE 490110001:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		3			1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2015	0	66	241	3	3	1.0	10	25	50	75	90	95	98	99		1	2	6.78
							2.7	3.6	5.0	7.2	11.9	18.8	29.2	37.6		45.1	41.4	

FREQUENCY DISTRIBUTION REPORT

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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 CHEMILUMINESCENCE								1	1 HOUR	0	Parts per billion			
2015	0	45	3904	.1	10	25	50	75	90	95	98	99	1	2	6.36								
				1.4	2.7	4.9	8.5	13.1	16.6	21.2	23.6	37.7	34.4										
44201-Ozone	1			1113														8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2015	0	50	6835	0	0	.014	10	25	50	75	90	95	98	99	1	2	.0503						
				.050	.051	.053	.056	.058	.060	.064	.066	.066	.064										
88101-PM2.5 - Local Conditions	3			1113					Thermo Scientific Beta Attenuation Model 5030 SHARP w/VSCC								2	1 HOUR	0	Micrograms/cubic meter (LC)			
2015	0	96	8437	2.1	10	25	50	75	90	95	98	99	1	2	6.10								
				2.9	3.6	4.3	6.0	11.8	17.2	22.2	26.5	97.7	94.2										
88101-PM2.5 - Local Conditions	3			1113														24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2015	0	94	344	1	1	2.7	10	25	50	75	90	95	98	99	1	2	6.04						
				3.1	3.8	4.3	5.9	12.3	18.0	21.2	24.6	46.7	29.8										

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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			0969					Instrumental	Chemiluminescence Teledyne API 200 EU/501										.05	1 HOUR	0	Parts per billion			
2015	0	97	8515				.1	10	25	50	75	90	95	98	99		1	2	3.31							
								.9	1.3	2.4	4.2	7.3	9.5	11.9	13.7		25.5	25.2								
44201-Ozone	1			0969											8-HR RUN AVG BEGIN HOUR	0	Parts per million									
2015	0	97	8605	0	0		.023	10	25	50	75	90	95	98	99		1	2	.0517							
								.050	.051	.054	.056	.060	.064	.067	.071		.072	.071								

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-017-0004	AQCR: FOUR CORNERS	Latitude: +37.775556
County: Garfield	Urban Area: NOT IN AN URBAN AREA	Longitude: -111.614722
City: Escalante	Location Setting: RURAL	UTM Zone:
Support Agency: 0745	Land Use: DESERT	Utm Northing:
Address: Escalante National Monument - Visitor Center		Utm Easting:
		Vertical Meas: 1,789.0

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					
2015	0	100	8717	0	0	.022	10	25	50	75	90	95	98	99		1	2	.0504	
							.048	.050	.054	.057	.062	.063	.068	.071		.073	.071		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-035-1001	AQCR: WASATCH FRONT	Latitude: +40.708611
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -112.094722
City: Magna	Location Setting: SUBURBAN	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: 2935 SOUTH 8560 WEST MAGNA,UTAH		Utm Easting:
		Vertical Meas: 1,317.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis	MDL	Duration	EDT	Unit Desc	
	Year	Exc Evt	%Obs	#Obs					#Pri	#Sec
14129-Lead (TSP) LC	1			1113	Hi-Vol	.00002	24 HOUR	0		Micrograms/cubic meter (LC)
2015	0	98	59	0	0	.003	10 25 50 75 90	95 98 99	1 2	.0363
						.004 .008	.017 .047 .099	.142 .143 .291	.291	.143
14129-Lead (TSP) LC	2			1113	Hi-Vol	.00002	24 HOUR	0		Micrograms/cubic meter (LC)
2015	0	73	22	0	0	.002	10 25 50 75 90	95 98 99	1 2	.0216
						.004 .007	.011 .026 .047	.070 .113 .113	.113	.070
81102-PM10 Total 0-10um STP	3			1113	R - P Co Partisol Model 2025	4	24 HOUR	0		Micrograms/cubic meter (25 C)
2015	0	98	119	0	0	2	10 25 50 75 90	95 98 99	1 2	16.3
						5 9	15 20 30	37 51 52	57	52
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)
2015	0	95	115	1	1	.8	10 25 50 75 90	95 98 99	1 2	6.92
						2.6 3.4	4.7 8.0 13.6	18.8 22.9 29.5	59.6	29.5

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

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

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

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

Site Comments:

Year	Exc	Evt	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
			%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum	Values	Arith
			1			1113									8-HR RUN AVG	0	Parts per million		
															END HOUR				
2015	0	78	6866	0	0	.1	10	25	50	75	90	95	98	99		1	2	.36	
																	1.8	1.7	
			1			1113									1 HOUR	0	Parts per billion		
2015	0	94	8242	0		.0	10	25	50	75	90	95	98	99		1	2	1.07	
																	23.5	22.4	
			2			1113									5 MINUTE	0	Parts per billion		
2015	0	90	94679			.0	10	25	50	75	90	95	98	99		1	2	.33	
																	30.8	22.7	
			1			1113									1 HOUR	0	Parts per billion		
2015	0	90	7846			1.0	10	25	50	75	90	95	98	99		1	2	15.64	
																	63.0	62.0	
			1			1113									8-HR RUN AVG	0	Parts per million		
															BEGIN HOUR				
2015	0	99	8709	11	11	.002	10	25	50	75	90	95	98	99		1	2	.0560	
																	.083	.082	
			1			1113									24 HOUR	0	Micrograms/cubic meter		
																	(25 C)		
2015	0	84	307	0	0	0	10	25	50	75	90	95	98	99		1	2	18.3	
																	80	64	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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	Percentages										Maximum Values	Arith Mean	
						Min Obs												
85129-Lead PM10 LC		1			1113	Thermo/R & P 2025 X-ray Fluorescence							.001	24 HOUR	0	Micrograms/cubic meter (LC)		
	FRM/FEM						PM10 (EDXRF) FRM											
2015	0	100	60	0	0	.000	10	25	50	75	90	95	98	99		1	2	.0048
						.000	.001	.003	.005	.011	.027	.028	.043			.043	.028	
88101-PM2.5 - Local Conditions		1			1113	R & P Model 2025 Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)		
							PM-2.5 Sequential Air Sampler w/VSCC											
2015	0	98	358	4	4	.0	10	25	50	75	90	95	98	99		1	2	7.36
						2.8	3.8	5.2	7.2	14.3	24.4	29.3	43.5			52.6	48.6	
88101-PM2.5 - Local Conditions		4			1113	Thermo Scientific Beta Attenuation							2	1 HOUR	0	Micrograms/cubic meter (LC)		
							Model 5030 SHARP w/VSCC											
2015	0	100	8729			.6	10	25	50	75	90	95	98	99		1	2	7.47
						2.4	3.6	5.2	7.9	14.5	23.0	31.1	40.0			279.8	197.5	
88101-PM2.5 - Local Conditions		4			1113	24-HR BLK AVG									0	Micrograms/cubic meter (LC)		
2015	0	99	363	4	4	1.9	10	25	50	75	90	95	98	99		1	2	7.41
						3.2	4.1	5.2	7.3	13.2	21.7	28.8	37.9			51.1	44.1	



FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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)		
2015	0	98	358	5	5	.0	10	25	50	75	90	95	98	99	1	2	8.61
						2.9	4.2	6.0	9.6	18.5	25.5	33.4	50.6		56.4	53.4	
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)		
2015	0	77	24	0	0	1.5	10	25	50	75	90	95	98	99	1	2	7.74
						4.1	4.4	5.7	9.6	12.1	20.7	34.2	34.2		34.2	20.7	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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		CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2015	0	91	7939				1.0	10	25	50	75	90	95	98	99		1	2	5.38			
								1.0	2.0	4.0	7.0	11.0	15.0	20.0	24.0		46.0	45.0				
44201-Ozone			1			1113												8-HR RUN AVG	0	Parts per million		
															BEGIN HOUR							
2015	0	99	7273	2	2		.023	10	25	50	75	90	95	98	99		1	2	.0558			
								.050	.052	.056	.061	.069	.072	.074	.076		.078	.076				
81102-PM10 Total 10um STP	0-		1			1113		R - P Co Partisol Model 2025	Gravimetric				4	24 HOUR	1	Micrograms/cubic meter (25 C)						
2015	0	86	314	0	0		2	10	25	50	75	90	95	98	99		1	2	18.4			
								5	8	15	24	37	44	55	68		92	77				
81102-PM10 Total 10um STP	0-		1			1113		R - P Co Partisol Model 2025	Gravimetric				4	24 HOUR	2	Micrograms/cubic meter (25 C)						
2015	1	86	315	1	1		2	10	25	50	75	90	95	98	99		1	2	19.1			
								5	9	15	25	37	44	57	73		256	92				
81102-PM10 Total 10um STP	0-		1			1113		R - P Co Partisol Model 2025	Gravimetric				4	24 HOUR	5	Micrograms/cubic meter (25 C)						
2015	1	86	315	1	1		2	10	25	50	75	90	95	98	99		1	2	19.1			
								5	9	15	25	37	44	57	73		256	92				



FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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 CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion			
2015	0	14	1212			.0	10	25	50	75	90	95	98	99	1	2	5.90	
							1.0	2.0	4.0	10.0	14.0	15.0	17.0	19.0		26.0	23.0	
44201-Ozone		1		1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2015	0	48	3673	2	2	.021	10	25	50	75	90	95	98	99	1	2	.0544	
							.047	.050	.054	.059	.063	.071	.079	.083		.083	.079	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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
														8-HR RUN AVG	0		Parts per million	
														BEGIN HOUR				
2015	0	99	8126	0	0	.018	10	25	50	75	90	95	98	99		1	2	.0523
							.048	.050	.054	.057	.061	.065	.067	.072		.074	.072	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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	
2015	0	21	1871				.0	10	25	50	75	90	95	98	99		1	2	5.26			
								1.0	2.0	4.0	7.0	12.0	15.0	20.0	22.0			35.0	34.0			
44201-Ozone	1			1113											8-HR RUN AVG	0		Parts per million				
2015	0	56	7144	0	0		.010	10	25	50	75	90	95	98	99		1	2	.0508			
								.050	.052	.054	.058	.060	.062	.065	.067			.067	.065			
88101-PM2.5 - Local Conditions	4			1113					Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation							2	1 HOUR	0		Micrograms/cubic meter (LC)	
2015	0	25	2183				1.2	10	25	50	75	90	95	98	99		1	2	5.79			
								2.1	2.6	3.9	6.4	12.8	17.4	23.3	25.7			31.7	31.4			
88101-PM2.5 - Local Conditions	4			1113											24-HR BLK AVG	0		Micrograms/cubic meter (LC)				
2015	0	25	91	0	0		1.9	10	25	50	75	90	95	98	99		1	2	5.74			
								2.6	2.9	3.8	7.2	12.3	17.2	18.9	21.1			21.1	18.9			

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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			1351					INSTRUMENTAL	CHEMILUMINESCENCE										1	1 HOUR	0	Parts per billion			
2015	0	98	8554				-.4	10	25	50	75	90	95	98	99		1	2	2.44							
								.1	.4	1.2	3.4	6.7	8.8	11.6	14.0		31.5	25.8								
44201-Ozone	1			1351											8-HR RUN AVG	0	Parts per million									
2015	0	97	8646	0	0		.017	10	25	50	75	90	95	98	99	BEGIN HOUR	1	2	.0524							
								.050	.051	.054	.057	.061	.064	.068	.072		.074	.072								





FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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		0969		Instrumental		Chemiluminescence Teledyne API 200 EU/501							.05	1 HOUR	0	Parts per billion	
2015	0	98	8607			.1	10	25	50	75	90	95	98	99		1	2	1.39	
							.5	.7	1.0	1.6	2.7	3.8	5.4	6.3		11.6	10.7		
44201-Ozone		1		0969		Instrumental		8-HR RUN AVG BEGIN HOUR								8-HR RUN AVG	0	Parts per million	
2015	0	99	8549	0	0	.025	10	25	50	75	90	95	98	99		1	2	.0527	
							.050	.052	.054	.057	.061	.065	.068	.073		.073	.073		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-049-0002  
 County: Utah  
 City: Provo  
 Support Agency: 1113  
 Address: 1355 NORTH 200 WEST PROVO UT

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: COMMERCIAL

Latitude: +40.253611  
 Longitude: -111.663056  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,402.0

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					
2015	0	100	8734	0	0		.0	10	25	50	75	90	95	98	99			END HOUR	1	2	.43				
									.1	.2	.3	.5	1.0	1.4	1.6	1.8				2.2	2.1				
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE					1	1 HOUR	0	Parts per billion							
2015	0	84	7338				.0	10	25	50	75	90	95	98	99				1	2	13.97				
									1.0	4.0	10.0	23.0	33.0	38.0	42.0	45.0			79.0	73.0					
44201-Ozone	2			1113														8-HR RUN AVG	0	Parts per million					
2015	0	97	8661	1	1		.001	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0549				
									.049	.052	.056	.062	.069	.071	.073	.073				.076	.073				
81102-PM10 Total 10um STP	2			1113					R - P Co Partisol	Gravimetric					4	24 HOUR	0	Micrograms/cubic meter (25 C)							
2015	0	89	108	0	0		0	10	25	50	75	90	95	98	99				1	2	17.4				
									8	11	16	23	29	34	40	41				47	41				
81102-PM10 Total 10um STP	3			1113					R - P Co Partisol	Gravimetric					4	24 HOUR	0	Micrograms/cubic meter (25 C)							
2015	0	53	19	0	0		0	10	25	50	75	90	95	98	99				1	2	14.8				
									0	10	15	19	23	46	46	46				46	23				
81102-PM10 Total 10um STP	4			1113					INSTRUMENTAL-R&P	TEOM-GRAVIMETRIC					-50	1 HOUR	0	Micrograms/cubic meter (25 C)							
2015	0	87	7624				-50	10	25	50	75	90	95	98	99				1	2	20.0				
									5	10	17	25	37	47	61	73				892	729				

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-049-0002  
 County: Utah  
 City: Provo  
 Support Agency: 1113  
 Address: 1355 NORTH 200 WEST PROVO UT

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: COMMERCIAL

Latitude: +40.253611  
 Longitude: -111.663056  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,402.0

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-	4			1113									24-HR BLK AVG	0	Micrograms/cubic meter		
	10um STP															(25 C)		
2015	0	87	317	0	0	-20	10	25	50	75	90	95	98	99		1	2	19.6
								9	13	18	23	32	39	46	50	112	58	
88101-PM2.5 - Local	1				1113									24 HOUR	0	Micrograms/cubic meter		
	Conditions								R & P Model 2025		Gravimetric		2			(LC)		
									PM-2.5 Sequential									
									Air Sampler									
									w/VSCC									
2015	0	88	323	1	1	.0	10	25	50	75	90	95	98	99		1	2	7.17
								3.1	3.9	5.4	7.7	13.5	18.7	25.8	27.8	38.6	35.2	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-049-4001

AQCR: WASATCH FRONT

Latitude: +40.341389

County: Utah

Urban Area: PROVO-OREM, UT

Longitude: -111.713611

City: Lindon

Location Setting: SUBURBAN

UTM Zone:

Support Agency: 1113

Land Use: RESIDENTIAL

Utm Northing:

Address: 30 NORTH MAIN STREET, LINDON, UTAH

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	Percentages													Maximum Values	Arith Mean			
						Min	Obs																
81102-PM10	Total	0-	2			1113		R - P Co Partisol	Gravimetric										4	24 HOUR	1	Micrograms/cubic meter (25 C)	
	10um STP							Model 2025															
2015	0	88	319	0	0		2	10	25	50	75	90	95	98	99		1	2	19.6				
								8	11	17	26	36	43	50	53			67	67				
81102-PM10	Total	0-	2			1113		R - P Co Partisol	Gravimetric										4	24 HOUR	2	Micrograms/cubic meter (25 C)	
	10um STP							Model 2025															
2015	1	88	320	1	1		2	10	25	50	75	90	95	98	99		1	2	20.1				
								8	11	17	26	36	43	50	56			194	67				
81102-PM10	Total	0-	2			1113		R - P Co Partisol	Gravimetric										4	24 HOUR	5	Micrograms/cubic meter (25 C)	
	10um STP							Model 2025															
2015	1	88	320	1	1		2	10	25	50	75	90	95	98	99		1	2	20.1				
								8	11	17	26	36	43	50	56			194	67				
81102-PM10	Total	0-	4			1113		INSTRUMENTAL-R&P	TEOM-GRAVIMETRIC										-50	1 HOUR	0	Micrograms/cubic meter (25 C)	
	10um STP							SA246B-INLET															
2015	0	74	6465				0	10	25	50	75	90	95	98	99		1	2	18.3				
								3	7	14	23	36	48	66	79			890	884				
81102-PM10	Total	0-	4			1113														24-HR BLK AVG	0	Micrograms/cubic meter (25 C)	
	10um STP																						
2015	0	73	267	0	0		0	10	25	50	75	90	95	98	99		1	2	17.8				
								6	11	15	23	31	39	45	51			134	67				
88101-PM2.5 - Local	Conditions	1				1113		R & P Model 2025	Gravimetric										2	24 HOUR	0	Micrograms/cubic meter (LC)	
								PM-2.5 Sequential															
								Air Sampler															
								w/VSCC															
2015	0	92	336	1	1		.0	10	25	50	75	90	95	98	99		1	2	7.22				
								2.8	3.9	5.3	7.9	14.9	20.9	27.3	30.4			39.3	32.4				

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

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

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

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

Site Comments: LOCATED AT LINDON ELEMENTARY SCHOOL:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean	
88101-PM2.5 - Local Conditions		2		1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2015	0	77	23	0	0	.0	10	25	50	75	90	95	98	99		1	2	6.05
							3.5	3.9	5.1	7.0	9.2	15.5	16.2	16.2		16.2	15.5	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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	
44201-Ozone		1		1113										8-HR RUN AVG	0	Parts per million		
2015	0	95	6022	0	0	.017	10	25	50	75	90	95	98	99	1	2	.0531	
							.043	.048	.053	.059	.065	.068	.071	.073		.074	.073	
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)	
2015	0	95	115	1	1	.9	10	25	50	75	90	95	98	99	1	2	6.19	
							2.5	3.5	4.5	6.2	9.9	19.8	28.1	31.4		37.5	31.4	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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 CHEMILUMINESCENCE										1	1 HOUR	0	Parts per billion			
2015	0	8	713				.0	10	25	50	75	90	95	98	99		1	2	1.21						
							.0	.0	1.0	1.0	3.0	5.0	7.0	9.0		14.0	14.0								
44201-Ozone	1			1113																8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2015	0	100	8740	0	0		.018	10	25	50	75	90	95	98	99		1	2	.0526						
							.049	.051	.055	.059	.063	.066	.069	.072		.073	.072								
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol Model 2025 Gravimetric										4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2015	0	64	78	0	0		0	10	25	50	75	90	95	98	99		1	2	11.7						
								5	7	11	15	18	21	28	36		36	28							
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)			
2015	0	78	94	0	0		.2	10	25	50	75	90	95	98	99		1	2	3.81						
							1.7	2.4	3.3	4.3	6.2	7.8	15.0	18.6		18.6	15.0								
88101-PM2.5 - Local Conditions	3			1113					Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation										2	1 HOUR	0	Micrograms/cubic meter (LC)			
2015	0	100	8757				.1	10	25	50	75	90	95	98	99		1	2	4.63						
							1.3	2.6	4.1	5.9	8.4	10.2	13.3	16.2		53.3	40.8								

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-053-0007  
 County: Washington  
 City: Hurricane  
 Support Agency: 1113  
 Address: 147 N 870 W, Hurrricane, 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	
88101-PM2.5 - Local Conditions		3			1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2015	0	100	365	0	0	.2	10	25	50	75	90	95	98	99		1	2	4.59
							2.0	3.0	4.2	5.6	7.7	9.2	10.8	13.7		17.7	15.1	



FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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			
2015	0	85	8123	0	0	.024	10	25	50	75	90	95	98	99	1	2	.0510
							.049	.051	.054	.057	.061	.064	.067	.068	.073	.068	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

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

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

Parameter	POC	PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc				
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages												Maximum Values	Arith Mean	
42101-Carbon monoxide	1		1113												8-HR RUN AVG	0	Parts per million				
2015	0	84	7319	0	0	-.1	10	25	50	75	90	95	98	99	END HOUR	1	2	.42			
							.1	.1	.3	.6	.9	1.1	1.3	1.4		2.1	1.7				
42602-Nitrogen dioxide (NO2)	1		1113				INSTRUMENTAL					CHEMILUMINESCENCE					1	1 HOUR	0	Parts per billion	
2015	0	81	7077			.0	10	25	50	75	90	95	98	99		1	2	14.77			
							3.0	4.0	11.0	24.0	32.0	37.0	40.0	42.0		54.0	50.0				
44201-Ozone	1		1113												8-HR RUN AVG	0	Parts per million				
2015	0	99	7303	1	1	.003	10	25	50	75	90	95	98	99	BEGIN HOUR	1	2	.0532			
							.048	.050	.054	.060	.066	.069	.072	.074		.080	.074				
81102-PM10 Total 10um STP	1		1113				R - P Co Partisol Model 2025					Gravimetric					4	24 HOUR	1	Micrograms/cubic meter (25 C)	
2015	0	76	277	0	0	0	10	25	50	75	90	95	98	99		1	2	18.8			
							7	11	17	23	31	42	54	64		86	68				
81102-PM10 Total 10um STP	1		1113				R - P Co Partisol Model 2025					Gravimetric					4	24 HOUR	2	Micrograms/cubic meter (25 C)	
2015	1	76	278	1	1	0	10	25	50	75	90	95	98	99		1	2	20.0			
							7	11	17	23	32	43	56	68		332	86				
81102-PM10 Total 10um STP	1		1113				R - P Co Partisol Model 2025					Gravimetric					4	24 HOUR	5	Micrograms/cubic meter (25 C)	
2015	1	76	278	1	1	0	10	25	50	75	90	95	98	99		1	2	20.0			
							7	11	17	23	32	43	56	68		332	86				

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-057-0002  
 County: Weber  
 City: Ogden  
 Support Agency: 1113  
 Address: 228 32ND STREET, OGDEN, UTAH

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

Latitude: +41.206321  
 Longitude: -111.975524  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,316.0

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

Parameter		POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc				
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages											Maximum Values	Arith Mean	
81102-PM10 Total	0-	4			1113			INSTRUMENTAL-R&P				TEOM-GRAVIMETRIC				-50	1 HOUR	0	Micrograms/cubic meter (25 C)		
								SA246B-INLET													
2015	0	80	7041			0	10	25	50	75	90	95	98	99		1	2	23.2			
								7	11	18	29	41	55	76	98		630	500			
81102-PM10 Total	0-	4			1113												24-HR BLK AVG	0	Micrograms/cubic meter (25 C)		
2015	0	80	291	0	0	7	10	25	50	75	90	95	98	99		1	2	22.7			
								10	15	21	28	33	42	61	67		96	93			
88101-PM2.5 - Local	1				1113			R & P Model 2025				Gravimetric				2	24 HOUR	0	Micrograms/cubic meter (LC)		
								PM-2.5 Sequential													
								Air Sampler													
								w/VSCC													
2015	0	77	281	3	3	1.4	10	25	50	75	90	95	98	99		1	2	7.24			
								2.9	4.0	5.6	7.6	12.9	21.9	28.0	36.1		44.5	42.9			

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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
			1			1113								8-HR RUN AVG	0	Parts per million	
														BEGIN HOUR			
2015	0	95	5718	1	1	.007	10	25	50	75	90	95	98	99	1	2	.0555
							.045	.051	.055	.061	.067	.071	.075	.075	.080	.075	