

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1327182

Report Code: AMP230

Apr. 27, 2015

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
2014	2014

APPLICABLE STANDARDS

Standard Description
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
Lead Quarterly 1978
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. 27, 2015

Utah

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

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

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

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

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean	
44201-Ozone		1		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million		
2014	0	84	3262	1	1	.035	10	25	50	75	90	95	98	99	1	2	.0531	
							.044	.049	.053	.058	.061	.066	.069	.074		.076	.074	
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)	
2014	0	98	120	2	2	.6	10	25	50	75	90	95	98	99	1	2	6.30	
							1.4	2.7	5.2	6.8	10.5	19.5	34.4	35.8		39.5	35.8	

FREQUENCY DISTRIBUTION REPORT

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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				
2014	0	100	8704	0	0	.021	10	25	50	75	90	95	98	99				1	2	.0510	
							.048	.050	.052	.055	.058	.059	.061	.063				.063	.063		

FREQUENCY DISTRIBUTION REPORT

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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	
2014	0	97	8526				-1.0	10	25	50	75	90	95	98	99	1	2	11.43			
								3.0	4.0	8.0	16.0	26.0	31.0	36.0	39.0		58.0	49.0			
44201-Ozone	1			1113														8-HR RUN AVG	0	Parts per million	
															BEGIN HOUR						
2014	0	91	8255	0	0		.005	10	25	50	75	90	95	98	99	1	2	.0485			
								.045	.047	.051	.053	.056	.057	.059	.060		.063	.060			
81102-PM10 Total 0-10um STP	1			1113				R - P Co Partisol Model 2000 Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2014	0	99	122	0	0		2	10	25	50	75	90	95	98	99	1	2	16.7			
								5	8	16	21	29	34	53	54		57	54			
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)		
2014	0	90	329	11	11		.4	10	25	50	75	90	95	98	99	1	2	7.19			
								2.2	3.4	5.2	7.4	11.7	21.8	39.9	42.3		47.2	46.2			
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)		
2014	0	90	28	1	1		1.2	10	25	50	75	90	95	98	99	1	2	6.78			
								2.5	3.6	5.0	7.3	10.7	17.7	38.9	38.9		38.9	17.7			

FREQUENCY DISTRIBUTION REPORT

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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	Percentages						Min Obs			Maximum Values	Arith Mean	
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2014	0	90	7859			.0	10	25	50	75	90	95	98	99	1	2	13.74
						3.0	5.0	9.0	19.0	33.0	42.0	48.0	52.0		64.0	63.0	
44201-Ozone		1		1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million		
2014	0	99	8612	2	2	.003	10	25	50	75	90	95	98	99	1	2	.0536
						.047	.050	.054	.059	.065	.070	.074	.076		.077	.076	
81102-PM10 Total 0-10um STP		5		1113		R&P Model 2000 Partisol						4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2014	0	89	56	0	0	2	10	25	50	75	90	95	98	99	1	2	20.9
						6	10	20	26	38	44	55	81		81	55	
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)		
2014	0	100	122	4	4	.8	10	25	50	75	90	95	98	99	1	2	7.39
						2.1	3.4	5.5	7.3	12.5	17.1	43.9	45.9		47.1	45.9	

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			
2014	0	96	8445			-.6	10	25	50	75	90	95	98	99	1	2	4.73		
							1.1	1.8	3.2	5.6	10.6	14.8	19.9	24.3		42.2	41.4		
44201-Ozone		1		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2014	0	92	8168	0	0	.016	10	25	50	75	90	95	98	99	1	2	.0522		
							.051	.052	.054	.057	.059	.061	.063	.063		.063	.063		

FREQUENCY DISTRIBUTION REPORT

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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										5	1 HOUR	0	Parts per billion	
2014	0	26	2236				-2.0	10	25	50	75	90	95	98	99		1	2	2.63					
								-1.2	-0.6	0.6	4.3	9.5	12.8	16.3	19.5		41.6	28.7						
44201-Ozone	1			0969											8-HR RUN AVG	0	Parts per million							
2014	0	62	4101	1	1		.030	10	25	50	75	90	95	98	99		1	2	.0505					
								.041	.045	.051	.055	.060	.063	.067	.072		.076	.072						

FREQUENCY DISTRIBUTION REPORT

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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	.0075	24 HOUR	0		Micrograms/cubic meter (LC)
2014	0	93	57	0	0	.000	10 25 50 75 90 95 98 99	.005 .008 .012 .027 .055 .119 .122 .237	1 2	.0253
14129-Lead (TSP) LC	2			1113	Hi-Vol	.0075	24 HOUR	0		Micrograms/cubic meter (LC)
2014	0	77	23	0	0	.001	10 25 50 75 90 95 98 99	.003 .005 .012 .021 .030 .033 .122 .122	1 2	.0179
81102-PM10 Total 0-10um STP	3			1113	R - P Co Partisol Model 2025	4	24 HOUR	0		Micrograms/cubic meter (25 C)
2014	0	97	118	0	0	2	10 25 50 75 90 95 98 99	5 7 15 22 32 49 56 56	1 2	17.1
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)
2014	0	96	117	5	5	.1	10 25 50 75 90 95 98 99	1.7 3.0 4.7 6.7 12.2 35.1 42.6 46.3	1 2	7.04

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-035-2004	AQCR: WASATCH FRONT	Latitude: +40.736389
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -112.210278
City: Not in a city	Location Setting: RURAL	UTM Zone: 12
Support Agency: 1113	Land Use: INDUSTRIAL	Utm Northing: 4509978
Address: 12100 W 1200 S, LAKEPOINT, UTAH		Utm Easting: 397806
		Vertical Meas: 1,284.0

Site Comments: LOCATED AT GREAT SALT LAKE MARINA, NW SIDE OF I-80 TRAILER MOVED ACROSS PARKING LOT, APPROX. 70 M NORTH OF PREV. SITE:

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				
2014	0	93	4208	0	0	.028	10	25	50	75	90	95	98	99		1	2	.0476	
							.042	.046	.049	.055	.058	.061	.067	.074		.075	.074		

FREQUENCY DISTRIBUTION REPORT

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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	Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Percentages										Maximum Values	Arith Mean
	42101-Carbon monoxide		1		1113										8-HR RUN AVG END HOUR	0	Parts per million	
2014	0	98	8624	0	0	.1	10	25	50	75	90	95	98	99	1	2	.36	
						.2	.2	.3	.4	.7	.9	1.2	1.3		1.9	1.7		
	42401-Sulfur dioxide		1		1113		INSTRUMENTAL Pulsed Fluorescent 43C-TLE/43i-TLE							.2	1 HOUR	0	Parts per billion	
2014	0	91	7949	0		.0	10	25	50	75	90	95	98	99	1	2	1.31	
						.4	.6	1.0	1.5	2.4	3.2	4.6	5.5		23.1	6.3		
	42401-Sulfur dioxide		2		1113		INSTRUMENTAL Pulsed Fluorescent 43C-TLE/43i-TLE							.2	5 MINUTE	0	Parts per billion	
2014	0	87	91437			.0	10	25	50	75	90	95	98	99	1	2	.52	
						.1	.2	.4	.7	1.1	1.5	2.0	2.5		18.5	14.5		
	42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2014	0	91	7999			-1.0	10	25	50	75	90	95	98	99	1	2	14.12	
						3.0	5.0	10.0	22.0	32.0	36.0	40.0	43.0		58.0	54.0		
	44201-Ozone		1		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2014	0	99	8722	1	1	.003	10	25	50	75	90	95	98	99	1	2	.0520	
						.046	.049	.053	.058	.065	.069	.072	.074		.077	.074		
	81102-PM10 Total 10um STP		1		1113		R - P Co Partisol Model 2025							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2014	0	96	352	0	0	2	10	25	50	75	90	95	98	99	1	2	18.0	
						6	10	15	21	33	48	61	72		110	87		

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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		
85129-Lead	PM10 LC	1			1113			Thermo/R & P 2025	X-ray Fluorescence							.0075	24 HOUR	0	Micrograms/cubic meter (LC)	
2014	0	100	61	0	0	.000	10	25	50	75	90	95	98	99		1	2	.0031		
	FRM/FEM					.000	.000	.001	.003	.007	.011	.028	.037			.037	.028			
88101-PM2.5 - Local	Conditions	1			1113			R & P Model 2025	Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2014	0	99	360	13	13	.0	10	25	50	75	90	95	98	99		1	2	7.44		
							2.6	3.5	5.0	7.0	14.0	25.1	43.3	50.0		61.6	52.1			

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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)			
2014	0	79	290	13	13	.9	10	25	50	75	90	95	98	99		1	2	8.65
								2.6	3.7	5.5	8.8	16.6	33.1	47.9	51.5		55.8	55.0
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)			
2014	0	87	26	0	0	1.0	10	25	50	75	90	95	98	99		1	2	6.57
								1.6	3.5	5.3	7.1	14.7	15.3	22.6	22.6		22.6	15.3

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

Utah

Site ID: 49-037-0101	AQCR: FOUR CORNERS	Latitude: +38.458320
County: San Juan	Urban Area: NOT IN AN URBAN AREA	Longitude: -109.821260
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 0745	Land Use: DESERT	Utm Northing:
Address: CANYONLANDS NATIONAL PARK, UTAH		Utm Easting:
		Vertical Meas: 1,794.0

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

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc						
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith	Mean
44201-Ozone			1			0745									8-HR RUN AVG	0	Parts per million				
															BEGIN HOUR						
2014	0	94	8355	0	0	.023	10	25	50	75	90	95	98	99		1	2	.0522			
							.050	.052	.054	.057	.060	.061	.064	.065		.068	.065				

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

Utah

Site ID: 49-045-0003	AQCR: WASATCH FRONT	Latitude: +40.543309
County: Tooele	Urban Area: NOT IN AN URBAN AREA	Longitude: -112.299618
City: Tooele	Location Setting: URBAN AND CENTER CITY	UTM Zone:
Support Agency: 1113	Land Use: COMMERCIAL	Utm Northing:
Address: 434 NORTH 50 WEST, TOOELE, UTAH		Utm Easting:
		Vertical Meas: 1,511.0

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			
2014	0	99	3662	0	0	.034	10	25	50	75	90	95	98	99	1	2	.0507
							.042	.046	.050	.055	.060	.066	.069	.070		.072	.070
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										
2014	0	95	116	0	0	.6	10	25	50	75	90	95	98	99	1	2	5.41
							1.5	2.6	4.1	6.0	10.5	16.1	27.1	29.4		30.0	29.4

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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				
2014	0	92	8076	0	0	.017	10	25	50	75	90	95	98	99	1	2	.0519	
							.050	.051	.054	.056	.060	.063	.064	.065		.069	.065	

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

Utah

Site ID: 49-047-1003
 County: Uintah
 City: Vernal
 Support Agency: 1113
 Address: 220 South 1000 East

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

Latitude: +40.452267
 Longitude: -109.510393
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Percentages									Maximum Values	Arith Mean	
						Min	Obs										
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2014	0	93	8179			.0	10	25	50	75	90	95	98	99	1	2	8.56
						1.0	2.0	5.0	12.0	22.0	27.0	34.0	39.0		62.0	62.0	
44201-Ozone		1		1113									8-HR RUN AVG	0	Parts per million		
													BEGIN HOUR				
2014	0	99	8503	0	0	.006	10	25	50	75	90	95	98	99	1	2	.0504
						.048	.049	.052	.055	.058	.061	.062	.062		.064	.062	

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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: 1351	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		
2014	0	31	2690		1.0	10	25	50	75	90	95	98	99		1	2	3.51					
							2.0	2.0	3.0	4.0	6.0	8.0	11.0	12.0		24.0	21.0					
44201-Ozone			1			1351												8-HR RUN AVG	0	Parts per million		
2014	0	20	2725	0	0	.030	10	25	50	75	90	95	98	99		1	2	.0539				
							.054	.056	.057	.059	.062	.062	.065	.065		.065	.062					

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

Utah

Site ID: 49-047-2003	AQCR: UTAH	Latitude: +40.056710
County: Uintah	Urban Area: NOT IN AN URBAN AREA	Longitude: -109.688108
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1351	Land Use: DESERT	Utm Northing:
Address: 2 miles south of Ouray and south of the White and Green River confluence		Utm Easting:
		Vertical Meas: 1,466.8

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		
2014	0	12		1052			-1.0	10	25	50	75	90	95	98	99		1	2	7.27			
								.0	1.0	5.0	11.0	17.0	22.0	27.0	31.0		88.0	64.0				
44201-Ozone			1			1351												8-HR RUN AVG	0	Parts per million		
2014	0	44		2745	7	7	.028	10	25	50	75	90	95	98	99		1	2	.0515			
								.041	.044	.050	.055	.064	.078	.083	.088		.091	.088				

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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							5	1 HOUR	0	Parts per billion	
2014	0	45	3970			-.4	10	25	50	75	90	95	98	99		1	2	.97	
							.0	.1	.5	1.1	2.7	4.0	6.1	7.5		12.1	12.0		
44201-Ozone		1		0969												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2014	0	40	4329	0	0	.033	10	25	50	75	90	95	98	99		1	2	.0553	
							.055	.056	.058	.060	.062	.064	.065	.067		.067	.065		

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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					
2014	0	95	8307	0	0		.3	10	25	50	75	90	95	98	99			END HOUR	1	2	.50				
							.3	.3	.3	.6	1.0	1.2	1.4	1.5					1.9	1.9					
42602-Nitrogen dioxide (NO2)	1			1113														1 HOUR	0	Parts per billion					
2014	0	95	8291				1.0	10	25	50	75	90	95	98	99				1	2	16.69				
							4.0	7.0	13.0	25.0	34.0	39.0	45.0	48.0					88.0	81.0					
44201-Ozone	2			1113														8-HR RUN AVG	0	Parts per million					
2014	0	89	8326	0	0		.003	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0518				
							.048	.050	.054	.058	.063	.067	.072	.073					.074	.073					
81102-PM10 Total 10um STP	2			1113														24 HOUR	0	Micrograms/cubic meter (25 C)					
2014	0	89	108	0	0		2	10	25	50	75	90	95	98	99				1	2	18.9				
							6	11	15	24	33	47	51	52					73	52					
81102-PM10 Total 10um STP	3			1113														24 HOUR	0	Micrograms/cubic meter (25 C)					
2014	0	87	26	0	0		2	10	25	50	75	90	95	98	99				1	2	16.5				
							4	9	14	19	26	35	69	69					69	35					
81102-PM10 Total 10um STP	4			1113														1 HOUR	0	Micrograms/cubic meter (25 C)					
2014	0	90	7916				-50	10	25	50	75	90	95	98	99				1	2	21.8				
							9	13	18	27	39	48	60	72					673	564					

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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)			
2014	0	90	328	0	0	6	10	25	50	75	90	95	98	99		1	2	21.3		
								12	15	19	25	34	41	48	54		89	69		
88101-PM2.5 - Local	1				1113			R & P Model 2025		Gravimetric					24 HOUR	0	Micrograms/cubic meter			
	Conditions							PM-2.5 Sequential									(LC)			
								Air Sampler												
								w/VSCC												
2014	0	95	345	2	2	1.2	10	25	50	75	90	95	98	99		1	2	7.27		
								3.0	4.1	5.7	7.9	12.9	19.1	25.5	33.9		43.2	37.3		

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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	
81102-PM10 Total	0-	2				1113			R - P Co Partisol	Gravimetric										4	24 HOUR	0	Micrograms/cubic meter			
									Model 2025																	
2014	0	93	341	0	0		2	10	25	50	75	90	95	98	99		1	2	18.5							
								6	10	16	23	33	44	53	61		107	62								
88101-PM2.5 - Local	1					1113			R & P Model 2025	Gravimetric										2	24 HOUR	0	Micrograms/cubic meter			
									PM-2.5 Sequential																	
									Air Sampler																	
									w/VSCC																	
2014	0	90	330	3	3		.0	10	25	50	75	90	95	98	99		1	2	7.31							
								2.6	3.8	5.3	8.1	13.4	21.4	29.1	35.3		39.2	39.0								
88101-PM2.5 - Local	2					1113			R & P Model 2025	Gravimetric										2	24 HOUR	0	Micrograms/cubic meter			
									PM-2.5 Sequential																	
									Air Sampler																	
									w/VSCC																	
2014	0	87	26	1	1		.0	10	25	50	75	90	95	98	99		1	2	6.82							
								2.2	3.4	4.3	7.4	12.4	12.6	39.4	39.4		39.4	12.6								

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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: +37.129000
 Longitude: -113.183000
 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			
2014	0	46	4010				.0	10	25	50	75	90	95	98	99	1	2	2.62						
							.0	1.0	2.0	3.0	6.0	9.0	14.0	18.0		31.0	29.0							
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million							
															BEGIN HOUR									
2014	0	95	8599	0	0		.015	10	25	50	75	90	95	98	99	1	2	.0525						
							.050	.051	.054	.058	.063	.064	.067	.069		.071	.069							
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol	Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2014	0	82	100	0	0		2	10	25	50	75	90	95	98	99	1	2	12.9						
							5	8	12	16	21	27	34	47		47	34							
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															
2014	0	92	112	0	0		.0	10	25	50	75	90	95	98	99	1	2	3.98						
							1.8	2.7	3.7	5.0	6.2	7.9	8.8	9.2		9.8	9.2							

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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			
2014	0	81	8052	0	0	.026	10	25	50	75	90	95	98	99	1	2	.0519
							.050	.052	.054	.058	.062	.064	.066	.067		.071	.067

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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						
2014	0	95	8348	0	0	.3	10	25	50	75	90	95	98	99	99	99	END HOUR	1	2	.56					
						.3	.3	.3	.7	1.2	1.4	1.7	1.8	1.8	1.8	1.8		2.6	2.0						
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE				1	1 HOUR	0	Parts per billion								
2014	0	64	5585			-1.0	10	25	50	75	90	95	98	99	99	99		1	2	15.91					
						2.0	4.0	12.0	27.0	36.0	40.0	45.0	48.0	48.0	48.0	48.0		60.0	58.0						
44201-Ozone	1			1113													8-HR RUN AVG	0	Parts per million						
2014	0	100	8487	0	0	.003	10	25	50	75	90	95	98	99	99	99	BEGIN HOUR	1	2	.0536					
						.047	.050	.055	.059	.065	.069	.070	.073	.073	.073	.073		.073	.073						
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol	Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)								
2014	0	89	326	0	0	2	10	25	50	75	90	95	98	99	99	99		1	2	18.8					
						6	11	17	23	33	40	53	70	70	70	70		115	81						
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025	Gravimetric				2	24 HOUR	1	Micrograms/cubic meter (LC)								
2014	0	93	340	3	3	.0	10	25	50	75	90	95	98	99	99	99		1	2	7.29					
						2.7	4.0	5.8	7.9	12.3	18.7	25.7	32.4	32.4	32.4	32.4		67.6	45.4						

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	2	Micrograms/cubic meter (LC)			
2014	1	93	341	4	4	.0	10	25	50	75	90	95	98	99		1	2	7.51	
							2.8	4.1	5.9	7.9	13.2	18.9	25.7	40.9		81.7	67.6		
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	5	Micrograms/cubic meter (LC)			
2014	1	93	341	4	4	.0	10	25	50	75	90	95	98	99		1	2	7.51	
							2.8	4.1	5.9	7.9	13.2	18.9	25.7	40.9		81.7	67.6		

FREQUENCY DISTRIBUTION REPORT

Apr. 27, 2015

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			
2014	0	99	3837	1	1	.032	10	25	50	75	90	95	98	99	1	2	.0539
							.045	.049	.055	.059	.065	.068	.070	.072	.077	.072	