

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1205297

Report Code: AMP230

Apr. 28, 2014

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
2013	2013

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 2006
SO2 1-hour 2010

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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

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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						
2013	0	98	7774	0	0	.021	10	25	50	75	90	95	98	99		1	2	.0514			
							.047	.050	.053	.056	.060	.061	.065	.070		.072	.070				

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	
2013	0	98	8625				1.0	10	25	50	75	90	95	98	99	1	2	14.22				
								3.0	5.0	10.0	21.0	34.0	40.0	46.0	49.0		91.0	68.0				
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million					
															BEGIN HOUR							
2013	0	92	8464	0	0		.010	10	25	50	75	90	95	98	99	1	2	.0505				
								.045	.047	.051	.057	.060	.064	.066	.069		.075	.069				
81102-PM10 Total 0-10um STP	1			1113				R - P Co	Partisol	Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2013	0	92	112	0	0		2	10	25	50	75	90	95	98	99	1	2	24.4				
								8	12	20	31	51	57	82	85		100	85				
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														
2013	0	97	355	39	39		.0	10	25	50	75	90	95	98	99	1	2	12.96				
								3.0	4.4	6.4	12.0	36.2	48.5	68.0	86.2		97.4	93.6				
88101-PM2.5 - Local Conditions	2			1113				R & P Model	2025	Gravimetric								2	24 HOUR	0	Micrograms/cubic meter (LC)	
								PM-2.5	Sequential													
								Air Sampler														
								w/VSCC														
2013	0	94	29	3	3		2.4	10	25	50	75	90	95	98	99	1	2	10.78				
								3.2	4.6	6.1	10.2	43.3	48.6	54.1	54.1		54.1	48.6				

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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	
2013	0	98	8612				.0	10	25	50	75	90	95	98	99		1	2	3.68				
								.0	1.0	2.0	5.0	9.0	12.0	16.0	20.0		47.0	46.0					
44201-Ozone	1			1113											8-HR RUN AVG	0		Parts per million					
2013	0	97	7978	0	0		.023	10	25	50	75	90	95	98	99		1	2	.0550				
								.052	.054	.057	.060	.064	.066	.068	.072		.075	.072					

FREQUENCY DISTRIBUTION REPORT

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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:

Year	Exc	Evt	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
			%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum Values	Arith Mean		
			1			1113			INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion	
2013	0	99	8662	0			.0	10	25	50	75	90	95	98	99	1	2	2.51		
								1.0	1.0	2.0	3.0	4.0	5.0	6.0	9.0		60.0	30.0		
			2			1113			INSTRUMENTAL PULSED FLUORESCENT							2	5 MINUTE	0	Parts per billion	
2013	0	97	102353				.0	10	25	50	75	90	95	98	99	1	2	1.07		
								.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	4.0	81.0	54.0		
			1			1113			INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2013	0	96	8432				-1.0	10	25	50	75	90	95	98	99	1	2	15.33		
								2.0	4.0	9.0	24.0	39.0	46.0	52.0	55.0		107.0	69.0		
			1			1113									8-HR RUN AVG	0	Parts per million			
															BEGIN HOUR					
2013	0	99	7966	2	2		.005	10	25	50	75	90	95	98	99	1	2	.0500		
								.044	.046	.049	.056	.062	.067	.070	.081		.085	.081		
			5			1113			R&P Model 2000 GRAVIMETRIC							4	24 HOUR	0	Micrograms/cubic meter	
									Partisol										(25 C)	
2013	0	95	59	0	0		4	10	25	50	75	90	95	98	99	1	2	19.6		
								7	11	18	24	38	44	51	54		54	51		
			1			1113			R & P Model 2025 Gravimetric							2	24 HOUR	0	Micrograms/cubic meter	
									PM-2.5 Sequential										(LC)	
									Air Sampler											
									w/VSCC											
2013	0	92	113	9	9		.0	10	25	50	75	90	95	98	99	1	2	9.75		
								2.6	4.1	5.5	9.6	22.4	38.6	45.1	45.6		51.2	45.6		

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	
2013	0	66	5793			.3	10	25	50	75	90	95	98	99		1	2	9.04	
							1.3	2.5	4.8	12.7	23.7	29.0	35.8	40.9		61.0	58.2		
44201-Ozone		1		1113												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2013	0	98	7929	26	26	.013	10	25	50	75	90	95	98	99		1	2	.0567	
							.045	.049	.054	.059	.076	.090	.098	.105		.110	.106		



FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-013-1001	AQCR: UTAH	Latitude: +40.208652
County: Duchesne	Urban Area: NOT IN AN URBAN AREA	Longitude: -110.841056
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1113	Land Use: AGRICULTURAL	Utm Northing:
Address: 1/4 mile South of US 40 off 4500 West Fruitland, Utah		Utm Easting:
		Vertical Meas: 1,558.0

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	
2013	0	100		8739			.0		10	25	50	75	90	95	98	99		1	2	2.37					
									.0	.0	1.0	3.0	6.0	9.0	12.0	15.0		140.0	111.0						
44201-Ozone	1			1113												8-HR RUN AVG	0		Parts per million						
2013	0	99		8020	0	0	.031		10	25	50	75	90	95	98	99		1	2	.0527					
									.052	.053	.056	.060	.063	.066	.069	.071		.075	.071						





FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-035-0012  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1795 N WARM SPRINGS RD (1025 W) SLC UTAH

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

Latitude: +40.807500  
 Longitude: -111.921111  
 UTM Zone: 12  
 Utm Northing: 4517585  
 Utm Easting: 422312  
 Vertical Meas: 1,286.0

Site Comments:

Year	Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum	Values	Arith
	42401-Sulfur dioxide		1		1113		INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion		
2013	0	67	5841	0		2.0	10	25	50	75	90	95	98	99	1	2	5.68		
							3.0	4.0	5.0	7.0	9.0	11.0	17.0	20.0		31.0	21.0		
	42401-Sulfur dioxide		2		1113		INSTRUMENTAL PULSED FLUORESCENT							2	5 MINUTE	0	Parts per billion		
2013	0	65	68724			.0	10	25	50	75	90	95	98	99	1	2	3.07		
							1.0	2.0	3.0	4.0	5.0	6.0	8.0	10.0		37.0	37.0		
	81102-PM10 Total 10um STP		0-	2		1113		R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2013	0	59	216	0	0	2	10	25	50	75	90	95	98	99	1	2	24.3		
							10	15	20	30	45	55	60	69		120	69		
	81102-PM10 Total 10um STP		0-	3		1113		R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2013	0	65	20	0	0	2	10	25	50	75	90	95	98	99	1	2	29.1		
							14	18	22	43	66	69	69	69		69	66		

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-035-1001  
 County: Salt Lake  
 City: Magna  
 Support Agency: 1113  
 Address: 2935 SOUTH 8560 WEST MAGNA,UTAH

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

Latitude: +40.708611  
 Longitude: -112.094722  
 UTM Zone:  
 Utm Northing:  
 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	Min Obs	Percentages									Maximum Values	Arith Mean	
14129-Lead (TSP) LC	1		1113				Hi-Vol	Inductively Coupled Plasma-Mass Spectrometry Acid filter extraction with nitric and hydrochloric acid						.0075	24 HOUR	0	Micrograms/cubic meter (LC)	
2013	0	97	59	0	0	.001	10	25	50	75	90	95	98	99	1	2	.0315	
							.005	.009	.016	.033	.098	.126	.152	.203	.203	.152		
14129-Lead (TSP) LC	2		1113				Hi-Vol	Inductively Coupled Plasma-Mass Spectrometry Acid filter extraction with nitric and hydrochloric acid						.0075	24 HOUR	0	Micrograms/cubic meter (LC)	
2013	0	94	29	0	0	.004	10	25	50	75	90	95	98	99	1	2	.0302	
							.004	.007	.012	.023	.094	.153	.214	.214	.214	.153		
42401-Sulfur dioxide	4		1113				INSTRUMENTAL	PULSED FLUORESCENT						2	1 HOUR	0	Parts per billion	
2013	0	92	8072	0		.0	10	25	50	75	90	95	98	99	1	2	5.01	
							1.0	2.0	4.0	7.0	10.0	14.0	18.0	26.0	33.0	33.0		
42401-Sulfur dioxide	5		1113				INSTRUMENTAL	PULSED FLUORESCENT						2	5 MINUTE	0	Parts per billion	
2013	0	90	94432			.0	10	25	50	75	90	95	98	99	1	2	1.21	
							.0	.0	1.0	1.0	2.0	4.0	6.0	10.0	66.0	59.0		

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	Min	Obs	Percentages												Maximum	Values	Arith	Mean
81102-PM10 Total	0-	3		1113					R - P Co Partisol	Gravimetric										4	24 HOUR	0	Micrograms/cubic meter	
									Model 2025														(25 C)	
2013	0	95	116	0	0	2	10	25	50	75	90	95	98	99		1	2	18.6						
							6	10	15	24	37	47	54	55		58	55							
88101-PM2.5 - Local	1			1113					R & P Model 2025	Gravimetric										2	24 HOUR	0	Micrograms/cubic meter	
									PM-2.5 Sequential														(LC)	
									Air Sampler															
									w/VSCC															
2013	0	95	116	8	8	.0	10	25	50	75	90	95	98	99		1	2	9.37						
							2.6	3.7	5.6	8.8	26.9	36.9	39.7	40.3		46.2	40.3							

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	Percentages										Maximum Values	Arith Mean
42401-Sulfur dioxide		1		1113		INSTRUMENTAL ULTRAVIOLET FLUORESCENCE							.4	1 HOUR	0	Parts per billion	
2013	0	98	8606	1		.0	10	25	50	75	90	95	98	99	1	2	4.45
																88.0	70.0
42401-Sulfur dioxide		2		1113		INSTRUMENTAL ULTRAVIOLET FLUORESCENCE							.4	5 MINUTE	0	Parts per billion	
2013	0	97	102298			.0	10	25	50	75	90	95	98	99	1	2	1.13
																109.0	89.0
44201-Ozone		1		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2013	0	98	4066	2	2	.029	10	25	50	75	90	95	98	99	1	2	.0543
																.081	.077

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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					
2013	0	99	8714	0	0	.1	10	25	50	75	90	95	98	99			END HOUR	1	2	.36				
						.2	.2	.3	.4	.7	.9	1.1	1.3					1.9	1.7					
42401-Sulfur dioxide	1			1113					INSTRUMENTAL	Pulsed Fluorescent			.2				1 HOUR	0	Parts per billion					
2013	0	96	8420	0		.1	10	25	50	75	90	95	98	99				1	2	1.50				
						.4	.6	1.0	1.7	3.0	4.0	5.1	6.4					41.5	12.8					
42401-Sulfur dioxide	2			1113					INSTRUMENTAL	Pulsed Fluorescent			.2				5 MINUTE	0	Parts per billion					
2013	0	95	100293			.0	10	25	50	75	90	95	98	99				1	2	.50				
						.1	.1	.3	.6	1.1	1.5	2.2	2.9					31.6	30.3					
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE			1				1 HOUR	0	Parts per billion					
2013	0	99	8648			1.0	10	25	50	75	90	95	98	99				1	2	18.00				
						3.0	6.0	13.0	27.0	41.0	47.0	53.0	57.0					68.0	68.0					
44201-Ozone	1			1113													8-HR RUN AVG	0	Parts per million					
2013	0	99	8016	4	4	.003	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0541				
						.047	.049	.054	.061	.068	.072	.077	.081					.084	.081					
81102-PM10 Total 10um STP	1			1113					R - P Co Partisol	Gravimetric			4				24 HOUR	0	Micrograms/cubic meter					
2013	0	96	350	0	0	2	10	25	50	75	90	95	98	99				1	2	22.3				
						7	11	16	25	53	68	78	86					110	105					



FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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		1		1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2013	0	92	334	35	35	.4	10	25	50	75	90	95	98	99			1	2	11.95
							3.0	4.0	5.8	11.7	37.1	50.8	58.8	61.3			69.2	63.4	

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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	1	Micrograms/cubic meter (LC)			
2013	0	91	331	25	25	.0	10	25	50	75	90	95	98	99		1	2	11.30
						2.9	4.4	6.3	11.3	31.3	42.7	50.7	54.8		56.3	55.7		
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)			
2013	1	91	332	26	26	.0	10	25	50	75	90	95	98	99		1	2	11.40
						2.9	4.4	6.4	11.3	31.8	42.9	50.7	54.8		56.3	55.7		
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)			
2013	1	91	332	26	26	.0	10	25	50	75	90	95	98	99		1	2	11.40
						2.9	4.4	6.4	11.3	31.8	42.9	50.7	54.8		56.3	55.7		
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)			
2013	0	94	29	2	2	2.4	10	25	50	75	90	95	98	99		1	2	11.10
						3.4	4.8	5.6	9.5	33.1	50.9	51.2	51.2		51.2	50.9		

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

Utah

Site ID: 49-037-0101

AQCR: FOUR CORNERS

Latitude: +38.458611

County: San Juan

Urban Area: NOT IN AN URBAN AREA

Longitude: -109.821111

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: 1,814.0

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				
2013	0	80	8042	0	0	.029	10	25	50	75	90	95	98	99		1	2	.0536	
							.052	.053	.055	.059	.064	.066	.067	.068		.069	.068		

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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
			1		1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2013	0	97	3743	1	1	.030	10	25	50	75	90	95	98	99	1	2	.0526
							.044	.048	.052	.058	.063	.066	.073	.075		.084	.075
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)		
2013	0	89	109	3	3	1.2	10	25	50	75	90	95	98	99	1	2	7.22
							2.1	3.3	4.8	7.1	15.2	28.1	42.9	43.9		46.0	43.9

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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				
2013	0	88	7106	26	26	.023	10	25	50	75	90	95	98	99	1	2	.0563
							.043	.047	.053	.059	.081	.095	.109	.120	.126	.120	

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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		
2013	0	98	8560			-1.0	10	25	50	75	90	95	98	99	1	2	10.81
							1.0	2.0	5.0	15.0	31.0	41.0	51.0	58.0		90.0	90.0
44201-Ozone		1		1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million		
2013	0	100	8736	25	25	.020	10	25	50	75	90	95	98	99	1	2	.0524
							.040	.046	.053	.059	.070	.081	.095	.102		.114	.109

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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	Percentages									Maximum Values	Arith Mean	
						Min	Obs										
42602-Nitrogen dioxide (NO2)		1			1351	INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2013	0	0	1			17.0		10	25	50	75	90	95	98	99	1	17.00
						17.0		17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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	
2013	0	0	0	1			32.0	10	25	50	75	90	95	98	99		1		32.00			
							32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0		32.0					



FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

Utah

Site ID: 49-047-5632	AQCR: UTAH	Latitude: +39.868622
County: Uintah	Urban Area: NOT IN AN URBAN AREA	Longitude: -109.097302
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1387	Land Use: DESERT	Utm Northing:
Address: Accessed from Dragon Road/145-S, Uintah Co, UT		Utm Easting:
		Vertical Meas: 1,878.87

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			1387													8-HR RUN AVG	0	Parts per million					
2013	0	44	3873	0	0	.3	10	25	50	75	90	95	98	99			END HOUR	1	2	.33				
						.3	.3	.3	.3	.3	.5	.6	.8					2.1	1.8					
42401-Sulfur dioxide	1			1387					INSTRUMENTAL	PULSED FLUORESCENT			2	1 HOUR	0	Parts per billion								
2013	0	46	3997	0		-1.0	10	25	50	75	90	95	98	99				1	2	.13				
						-.7	-.4	.1	.3	1.0	1.4	1.9	5.3					6.2	5.3					
42602-Nitrogen dioxide (NO2)	1			1387					INSTRUMENTAL	CHEMILUMINESCENCE			1	1 HOUR	0	Parts per billion								
2013	0	46	4071			-.6	10	25	50	75	90	95	98	99				1	2	2.50				
						.4	.6	1.0	2.2	6.9	10.2	15.1	19.9					57.4	50.7					
44201-Ozone	1			1387												8-HR RUN AVG	0	Parts per million						
2013	0	58	4132	7	7	.038	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0570				
						.049	.051	.055	.061	.068	.075	.084	.097					.107	.097					
81102-PM10 Total 10um STP	0-	1		1387					INSTRUMENT MET	BETA ATTENUATION			4	1 HOUR	0	Micrograms/cubic meter (25 C)								
2013	0	46	4001			2	10	25	50	75	90	95	98	99				1	2	9.7				
						2	4	7	11	20	27	38	45					251	187					
81102-PM10 Total 10um STP	0-	1		1387												24-HR BLK AVG	0	Micrograms/cubic meter (25 C)						
2013	0	45	166	0	0	2	10	25	50	75	90	95	98	99				1	2	9.2				
						3	4	7	11	18	24	31	35					38	35					

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

Utah

Site ID: 49-047-5632	AQCR: UTAH	Latitude: +39.868622
County: Uintah	Urban Area: NOT IN AN URBAN AREA	Longitude: -109.097302
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1387	Land Use: DESERT	Utm Northing:
Address: Accessed from Dragon Road/145-S, Uintah Co, UT		Utm Easting:
		Vertical Meas: 1,878.87

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			1387					BGI Model PQ200 PM2.5 Sampler w/WINS	GRAVIMETRIC		2	24 HOUR	0		Micrograms/cubic meter (LC)								
2013	0	49	31	0	0	.7	10	25	50	75	90	95	98	99			1	2	3.33					
							1.7	2.5	3.3	4.3	5.4	6.0	6.3	6.3			6.3	6.0						
88101-PM2.5 - Local Conditions	3			1387					Met One BAM-1020 Mass Monitor w/VSCC	Beta Attenuation		2	1 HOUR	0		Micrograms/cubic meter (LC)								
2013	0	46	4033			-2.0	10	25	50	75	90	95	98	99			1	2	5.98					
							2.0	3.0	5.0	7.0	11.0	14.0	20.0	27.0			218.0	149.0						
88101-PM2.5 - Local Conditions	3			1387										24-HR BLK AVG	0	Micrograms/cubic meter (LC)								
2013	0	46	167	0	0	1.4	10	25	50	75	90	95	98	99			1	2	5.95					
							2.8	3.6	4.7	6.6	10.8	14.4	18.0	22.7			33.8	22.7						

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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	
2013	0	49	4290			-1.7	10	25	50	75	90	95	98	99		1	2	2.22	
							.2	.6	1.4	2.5	5.4	8.2	12.9	15.2		23.6	23.2		
44201-Ozone		1		0969												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2013	0	89	7460	14	14	.022	10	25	50	75	90	95	98	99		1	2	.0533	
							.042	.047	.053	.059	.067	.073	.087	.100		.107	.104		

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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				
2013	0	100	8725	0	0	.3	10	25	50	75	90	95	98	99	99	END HOUR	1	2	.48			
							.3	.3	.3	.6	.9	1.2	1.6	1.7			2.4	2.1				
42602-Nitrogen dioxide (NO2)			1			1113			INSTRUMENTAL				CHEMILUMINESCENCE				1	1 HOUR	0	Parts per billion		
2013	0	98	8565			-1.0	10	25	50	75	90	95	98	99			1	2	18.95			
							3.0	7.0	15.0	27.0	40.0	49.0	60.0	67.0			98.0	97.0				
44201-Ozone			2			1113										8-HR RUN AVG	0	Parts per million				
2013	0	99	6488	4	4	.006	10	25	50	75	90	95	98	99	99	BEGIN HOUR	1	2	.0554			
							.047	.051	.056	.061	.067	.071	.077	.079			.085	.079				
81102-PM10 Total 0-10um STP			2			1113			R - P Co Partisol Model 2025				Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2013	0	84	102	0	0	4	10	25	50	75	90	95	98	99			1	2	24.4			
							9	13	17	27	45	66	100	107			149	107				
81102-PM10 Total 0-10um STP			3			1113			R - P Co Partisol Model 2000				Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2013	0	90	29	0	0	8	10	25	50	75	90	95	98	99			1	2	26.0			
							9	13	16	27	54	65	143	143			143	65				

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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			INSTRUMENTAL-R&P							-50	1 HOUR	0	Micrograms/cubic meter			
	10um	STP						SA246B-INLET										(25 C)			
2013	0	98	8586			-49	10	25	50	75	90	95	98	99		1	2	26.6			
							12	15	21	29	49	69	99	124		372	340				
81102-PM10	Total	0-	4		1113											24-HR BLK AVG	0	Micrograms/cubic meter			
	10um	STP																(25 C)			
2013	0	98	358	0	0	5	10	25	50	75	90	95	98	99		1	2	26.1			
							14	17	20	27	45	66	91	109		152	135				
88101-PM2.5	- Local	1			1113			R & P Model 2025							2	24 HOUR	0	Micrograms/cubic meter			
	Conditions							PM-2.5 Sequential										(LC)			
								Air Sampler													
								w/VSCC													
2013	0	96	349	27	27	.2	10	25	50	75	90	95	98	99		1	2	11.56			
							3.1	4.3	5.7	8.8	24.5	48.5	81.8	97.5		124.5	119.2				

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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 Model 2025										4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2013	0	93	338	0	0	2	10	25	50	75	90	95	98	99		1	2	23.2			
							7	11	17	26	48	70	106	117		148	136				
88101-PM2.5 - Local	1				1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC										2	24 HOUR	0	Micrograms/cubic meter (LC)	
2013	0	97	353	33	33	.0	10	25	50	75	90	95	98	99		1	2	12.32			
							2.9	4.2	5.8	9.5	27.5	53.9	72.4	93.3		123.3	114.0				
88101-PM2.5 - Local	2				1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC										2	24 HOUR	0	Micrograms/cubic meter (LC)	
2013	0	90	29	3	3	.0	10	25	50	75	90	95	98	99		1	2	12.08			
							4.3	5.4	7.7	10.6	44.8	44.9	52.5	52.5		52.5	44.9				

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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 BEGIN HOUR	0	Parts per million		
2013	0	99	4158	1	1	.031	10	25	50	75	90	95	98	99	1	2	.0526	
							.045	.049	.053	.060	.063	.068	.070	.073		.078	.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)	
2013	0	96	117	10	10	.0	10	25	50	75	90	95	98	99	1	2	11.16	
							2.6	3.6	4.7	7.8	30.6	52.5	82.2	84.6		125.9	84.6	

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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			
2013	0	70	6108			-1.0	10	25	50	75	90	95	98	99	1	2	3.07	
							1.0	1.0	2.0	3.0	7.0	10.0	16.0	19.0		33.0	32.0	
44201-Ozone		1		1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2013	0	99	5870	0	0	.022	10	25	50	75	90	95	98	99	1	2	.0539	
							.047	.049	.054	.059	.063	.067	.069	.070		.073	.070	



FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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	
44201-Ozone		1		0745										8-HR RUN AVG	0	Parts per million		
2013	0	97	8681	0	0	.025	10	25	50	75	90	95	98	99	1	2	.0543	
						.051	.053	.055	.060	.065	.067	.070	.071		.074	.071		
88101-PM2.5 - Local Conditions		1		0745			Met One BAM-1020 Beta Attenuation							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2013	0	47	4084			-7.7	10	25	50	75	90	95	98	99	1	2	5.18	
						.6	2.5	4.7	7.4	10.1	11.8	14.2	18.4		53.5	49.5		
88101-PM2.5 - Local Conditions		1		0745			Mass Monitor w/VSCC								24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2013	0	45	165	0	0	1.5	10	25	50	75	90	95	98	99	1	2	5.09	
						2.5	3.0	4.2	6.4	9.1	10.2	11.6	17.2		19.3	17.2		

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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					
2013	0	100	8727	0	0		.3	10	25	50	75	90	95	98	99			END HOUR		1	2	.49			
								.3	.3	.3	.6	.9	1.1	1.4	1.5					1.8	1.7				
42602-Nitrogen dioxide (NO2)	1			1113														INSTRUMENTAL	CHEMILUMINESCENCE	1	1 HOUR	0	Parts per billion		
2013	0	99	8657				-1.0	10	25	50	75	90	95	98	99					1	2	17.37			
								2.0	4.0	13.0	27.0	40.0	46.0	52.0	56.0					73.0	71.0				
44201-Ozone	1			1113														8-HR RUN AVG	0	Parts per million					
2013	0	99	8733	4	4		.002	10	25	50	75	90	95	98	99			BEGIN HOUR		1	2	.0556			
								.048	.050	.056	.062	.068	.070	.076	.077					.086	.077				
81102-PM10 Total 0-10um STP	1			1113														R - P Co Partisol	Gravimetric	4	24 HOUR	0	Micrograms/cubic meter (25 C)		
2013	0	95	348	0	0		2	10	25	50	75	90	95	98	99					1	2	22.5			
								8	12	19	28	46	53	67	76					95	92				
88101-PM2.5 - Local Conditions	1			1113														R & P Model 2025	Gravimetric	2	24 HOUR	1	Micrograms/cubic meter (LC)		
2013	0	91	332	21	21		.0	10	25	50	75	90	95	98	99			PM-2.5 Sequential							
																		Air Sampler							
																		w/VSCC							
								3.2	4.7	6.6	10.3	26.4	37.4	46.7	51.9					67.2	66.2				

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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)			
2013	1	91	333	22	22	.0	10	25	50	75	90	95	98	99		1	2	10.81	
							3.2	4.8	6.7	10.3	27.0	38.2	49.4	63.0		67.2	66.2		
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	5	Micrograms/cubic meter (LC)			
2013	1	91	333	22	22	.0	10	25	50	75	90	95	98	99		1	2	10.81	
							3.2	4.8	6.7	10.3	27.0	38.2	49.4	63.0		67.2	66.2		

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

Utah

Site ID: 49-057-0006

AQCR: WASATCH FRONT

Latitude: +41.219722

County: Weber

Urban Area: OGDEN, UT

Longitude: -111.969444

City: Ogden

Location Setting: URBAN AND CENTER CITY

UTM Zone: 12

Support Agency: 1113

Land Use: COMMERCIAL

Utm Northing: 4563387

Address: 2540 S. WASHINGTON BLVD., OGDEN, UTAH

Utm Easting: 418734

Vertical Meas: 1,314.0

Site Comments: MICROSCALE CO SITE TO REPLACE OLD WASHINGTON BLVD CO 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
			1		1113									8-HR RUN AVG	0	Parts per million			
														END HOUR					
2013	0	100	8726	0	0	.3	10	25	50	75	90	95	98	99		1	2	.51	
								.3	.3	.4	.7	.9	1.0	1.2	1.4		2.8	2.7	

FREQUENCY DISTRIBUTION REPORT

Apr. 28, 2014

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 BEGIN HOUR	0	Parts per million		
2013	0	98	3742	2	2	.002	10	25	50	75	90	95	98	99	1	2	.0557	
							.043	.050	.056	.061	.067	.069	.073	.077		.088	.077	
88101-PM2.5 - Local Conditions			1		1113		R & P Model 2000 PM-2.5 Air Sampler w/VSCC Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)	
							R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC Gravimetric							2				
2013	0	85	104	6	6	1.2	10	25	50	75	90	95	98	99	1	2	10.63	
							2.9	4.1	5.9	9.8	29.2	42.0	44.6	45.8		61.9	45.8	