

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1101407

Report Code: AMP230

May. 24, 2013

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
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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

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	EPA_REGION
5	DATES
6	PARAMETER_CODE
7	POC

GLOBAL DATES

Start Date	End Date
2012	2012

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: 49-003-0003
 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
			1			1113									8-HR RUN AVG BEGIN HOUR	1	Parts per million
2012	0	98	4180	1	1	.030	10	25	50	75	90	95	98	99		1	2 .0591
							.051	.054	.059	.065	.069	.071	.073	.074			.076 .074
			1			1113									8-HR RUN AVG BEGIN HOUR	2	Parts per million
2012	0	98	4180	2	2	.030	10	25	50	75	90	95	98	99		1	2 .0592
							.051	.054	.059	.065	.069	.072	.074	.076			.078 .076
			1			1113									8-HR RUN AVG BEGIN HOUR	5	Parts per million
2012	0	98	4180	2	2	.030	10	25	50	75	90	95	98	99		1	2 .0592
							.051	.054	.059	.065	.069	.072	.074	.076			.078 .076
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)	
2012	0	98	119	0	0	1.2	10	25	50	75	90	95	98	99		1	2 6.88
							2.0	3.6	5.6	8.0	11.1	19.3	27.0	28.2			33.4 28.2

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					
2012	0	69	7113	0	0	.020	10	25	50	75	90	95	98	99			1	2	.0559		
							.050	.053	.056	.061	.064	.067	.070	.074			.075	.074			

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	
2012	0	97		8497			.0	10	25	50	75	90	95	98	99	1	2	11.98				
								3.0	5.0	9.0	17.0	26.0	30.0	34.0	37.0		52.0	51.0				
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million					
															BEGIN HOUR							
2012	0	99		8711	0	0	.008	10	25	50	75	90	95	98	99	1	2	.0555				
								.051	.052	.056	.060	.065	.067	.072	.074		.074	.074				
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol Model 2000	Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2012	0	94		115	0	0	2	10	25	50	75	90	95	98	99	1	2	18.7				
								4	10	17	24	31	46	59	61		67	61				
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric								2	24 HOUR	1	Micrograms/cubic meter (LC)	
2012	0	96		352	1	1	.0	10	25	50	75	90	95	98	99	1	2	7.47				
								2.5	4.0	6.0	8.9	14.2	18.8	25.6	28.2		38.3	31.6				
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric								2	24 HOUR	2	Micrograms/cubic meter (LC)	
2012	1	96		353	2	2	.0	10	25	50	75	90	95	98	99	1	2	7.55				
								2.5	4.1	6.0	9.0	14.4	18.8	26.9	28.8		38.3	36.3				

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	
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)	
2012	1	96	353	2	2	.0	10	25	50	75	90	95	98	99		1	2	7.55
							2.5	4.1	6.0	9.0	14.4	18.8	26.9	28.8		38.3	36.3	
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)	
2012	0	90	31	1	1	.2	10	25	50	75	90	95	98	99		1	2	8.43
							4.4	5.2	8.2	10.9	15.2	18.7	35.9	35.9		35.9	18.7	

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:

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	
2012	0	98	8630	0			.0	10	25	50	75	90	95	98	99	1	2	2.88		
								1.0	2.0	2.0	3.0	5.0	7.0	7.0	11.0		14.0	11.0		
			2			1113			INSTRUMENTAL		PULSED FLUORESCENT					2	5 MINUTE	0	Parts per billion	
2012	0	96	101581				-1.0	10	25	50	75	90	95	98	99	1	2	1.28		
								.0	1.0	1.0	2.0	2.0	3.0	4.0	6.0		35.0	30.0		
			1			1113			INSTRUMENTAL		CHEMILUMINESCENCE					1	1 HOUR	0	Parts per billion	
2012	0	98	8601				-1.0	10	25	50	75	90	95	98	99	1	2	11.83		
								1.0	3.0	8.0	18.0	30.0	35.0	39.0	42.0		77.0	64.0		
			1			1113									8-HR RUN AVG	0	Parts per million			
															BEGIN HOUR					
2012	0	97	6216	0	0		.003	10	25	50	75	90	95	98	99	1	2	.0509		
								.044	.047	.050	.057	.062	.064	.067	.070		.070	.070		
			5			1113			R&P Model 2000		GRAVIMETRIC					4	24 HOUR	0	Micrograms/cubic meter	
									Partisol											
2012	0	93	57	0	0		2	10	25	50	75	90	95	98	99	1	2	17.4		
								6	9	16	22	30	37	52	54		54	52		
			1			1113			R & P Model 2025		Gravimetric					2	24 HOUR	0	Micrograms/cubic meter	
									PM-2.5 Sequential											
									Air Sampler											
									w/VSCC											
2012	0	100	122	0	0		.0	10	25	50	75	90	95	98	99	1	2	7.58		
								2.2	3.6	6.2	9.5	14.1	21.2	25.9	26.8		34.7	26.8		

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-013-0002
 County: Duchesne
 City: Not in a city
 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
42101-Carbon monoxide	1			1113														8-HR RUN AVG	0	Parts per million					
2012	0	40	3495	0	0		.3	10	25	50	75	90	95	98	99			END HOUR	1	2	.30				
							.3	.3	.3	.3	.3	.3	.3	.3	.3				.3	.3					
42401-Sulfur dioxide	1			1113														1 HOUR	0	Parts per billion					
2012	0	38	3319	0			.0	10	25	50	75	90	95	98	99				1	2	.19				
							.0	.0	.0	.0	1.0	1.0	1.0	2.0					2.0	1.0					
42602-Nitrogen dioxide (NO2)	1			1113														1 HOUR	0	Parts per billion					
2012	0	54	4778				-.5	10	25	50	75	90	95	98	99				1	2	4.40				
							.9	1.5	2.8	5.1	10.3	14.6	20.4	23.1					36.5	35.9					
44201-Ozone	1			1113														8-HR RUN AVG	0	Parts per million					
2012	0	86	5936	0	0		.014	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0573				
							.052	.055	.058	.062	.064	.066	.069	.070					.071	.070					
81102-PM10 Total 0-10um STP	1			1113														24 HOUR	0	Micrograms/cubic meter (25 C)					
2012	0	50	61	0	0		4	10	25	50	75	90	95	98	99				1	2	18.7				
							7	10	17	22	29	38	48	104					104	48					
88101-PM2.5 - Local Conditions	1			1113														24 HOUR	0	Micrograms/cubic meter (LC)					
2012	0	60	73	1	1		1.1	10	25	50	75	90	95	98	99				1	2	6.23				
							2.5	3.6	5.1	6.6	10.9	18.1	25.5	36.6					36.6	25.5					

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-013-1001	AQCR: UTAH	Latitude: +40.309956
County: Duchesne	Urban Area: NOT IN AN URBAN AREA	Longitude: -110.000732
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			
2012	0	99	8672				-1.0	10	25	50	75	90	95	98	99		1	2	2.26							
								.0	.0	1.0	3.0	6.0	8.0	11.0	12.0		23.0	20.0								
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million									
2012	0	98	7981	0	0		.029	10	25	50	75	90	95	98	99		1	2	.0564							
								.053	.055	.058	.062	.067	.068	.071	.071		.071	.071								

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-035-0012	AQCR: WASATCH FRONT	Latitude: +40.807500
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -111.921111
City: Salt Lake City	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: INDUSTRIAL	Utm Northing: 4517585
Address: 1795 N WARM SPRINGS RD (1025 W) SLC UTAH		Utm Easting: 422312
		Vertical Meas: 1,286.0

Site Comments:

Year	Exc Evt	POC		PQAO		Min Obs	Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
		%Obs	#Obs	#Pri	#Sec		Percentages										Maximum Values	Arith Mean
		1		1113			INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion	
2012	0	91	7982	0		.0	10	25	50	75	90	95	98	99	1	2	6.27	
							3.0	3.0	5.0	8.0	11.0	14.0	19.0	20.0		33.0	29.0	
		2		1113			INSTRUMENTAL PULSED FLUORESCENT							2	5 MINUTE	0	Parts per billion	
							INSTRUMENTAL ULTRAVIOLET FLUORESCENCE							.4				
2012	0	89	93853			-2.0	10	25	50	75	90	95	98	99	1	2	2.58	
							1.0	2.0	2.0	3.0	4.0	6.0	9.0	12.0		60.0	58.0	
81102-PM10 Total 10um STP	0-	2		1113			R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2012	0	94	344	0	0	2	10	25	50	75	90	95	98	99	1	2	29.4	
							11	17	27	39	53	60	68	74		82	81	
81102-PM10 Total 10um STP	0-	3		1113			R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
							R - P Co Partisol Model 2000 Gravimetric							4				
2012	0	90	29	0	0	2	10	25	50	75	90	95	98	99	1	2	25.8	
							7	14	23	33	48	48	65	65		65	48	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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
81102-PM10 Total	0-	3			1113			R - P Co Partisol Model 2025							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2012	0	99	121	0	0	2	10	25	50	75	90	95	98	99		1	2	17.8	
							6	10	16	22	31	39	54	56			71	56	
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)	
2012	0	96	119	0	0	.0	10	25	50	75	90	95	98	99		1	2	6.87	
							2.4	3.7	5.9	8.2	13.4	20.5	22.6	22.9			23.5	22.9	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	
42401-Sulfur dioxide	1			1113					INSTRUMENTAL ULTRAVIOLET FLUORESCENCE								.4	1 HOUR	0	Parts per billion	
2012	0	98	8614	0			.0	10	25	50	75	90	95	98	99	1	2	2.93			
								1.0	1.0	2.0	4.0	6.0	8.0	12.0	13.0		30.0	15.0			
42401-Sulfur dioxide	2			1113					INSTRUMENTAL ULTRAVIOLET FLUORESCENCE								.4	5 MINUTE	0	Parts per billion	
2012	0	97	102259				-2.0	10	25	50	75	90	95	98	99	1	2	.94			
								.0	.0	1.0	1.0	2.0	3.0	4.0	6.0		68.0	67.0			
44201-Ozone	1			1113					8-HR RUN AVG BEGIN HOUR									1		Parts per million	
2012	0	97	4107	4	4		.034	10	25	50	75	90	95	98	99	1	2	.0586			
								.051	.054	.060	.065	.068	.071	.082	.083		.086	.083			
44201-Ozone	1			1113					8-HR RUN AVG BEGIN HOUR									2		Parts per million	
2012	0	97	4107	5	5		.034	10	25	50	75	90	95	98	99	1	2	.0587			
								.051	.054	.060	.065	.068	.072	.082	.083		.086	.083			
44201-Ozone	1			1113					8-HR RUN AVG BEGIN HOUR									5		Parts per million	
2012	0	97	4107	5	5		.034	10	25	50	75	90	95	98	99	1	2	.0587			
								.051	.054	.060	.065	.068	.072	.082	.083		.086	.083			

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	Min	Obs	Percentages								Maximum	Values
	42101-Carbon monoxide		1		1113										8-HR RUN AVG	0	Parts per million	
2012	0	98	8646	0	0	.1	10	25	50	75	90	95	98	99	1	2	.36	
						.2	.2	.3	.4	.6	.9	1.1	1.3		2.7	1.8		
	42401-Sulfur dioxide		1		1113		INSTRUMENTAL Pulsed Fluorescent 43C-TLE/43i-TLE							.2	1 HOUR	0	Parts per billion	
2012	0	94	8256	0		.1	10	25	50	75	90	95	98	99	1	2	1.81	
						.5	.8	1.4	2.4	3.4	4.7	5.6	8.7		9.0	9.0		
	42401-Sulfur dioxide		2		1113		INSTRUMENTAL Pulsed Fluorescent 43C-TLE/43i-TLE							.2	5 MINUTE	0	Parts per billion	
2012	0	92	97163			.0	10	25	50	75	90	95	98	99	1	2	.57	
						.1	.2	.4	.7	1.2	1.6	2.4	3.1		29.2	28.7		
	42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2012	0	97	8521			-1.0	10	25	50	75	90	95	98	99	1	2	16.28	
						3.0	5.0	13.0	25.0	35.0	40.0	45.0	48.0		76.0	73.0		
	44201-Ozone		1		1113										8-HR RUN AVG	1	Parts per million	
2012	0	99	7166	6	6	.004	10	25	50	75	90	95	98	99	1	2	.0584	
						.051	.054	.059	.064	.070	.074	.078	.080		.086	.080		
	44201-Ozone		1		1113										8-HR RUN AVG	2	Parts per million	
2012	0	99	7166	7	7	.004	10	25	50	75	90	95	98	99	1	2	.0585	
						.051	.054	.059	.064	.070	.074	.078	.082		.086	.082		

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	
44201-Ozone		1		1113										8-HR RUN AVG BEGIN HOUR	5	Parts per million		
2012	0	99	7166	7	7	.004	10	25	50	75	90	95	98	99	1	2	.0585	
							.051	.054	.059	.064	.070	.074	.078	.082		.086	.082	
81102-PM10 Total 0-10um STP		1		1113			R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2012	0	95	348	0	0	2	10	25	50	75	90	95	98	99	1	2	20.5	
							8	12	18	27	37	43	54	60		78	61	
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)	
2012	0	97	356	0	0	.4	10	25	50	75	90	95	98	99	1	2	8.33	
							3.1	4.5	6.5	9.8	17.3	22.2	26.0	27.7		31.2	29.4	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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)				
2012	0	93	341	1	1	.0	10	25	50	75	90	95	98	99		1	2	9.03	
						3.0	4.5	7.4	10.9	18.0	22.6	28.7	33.5		35.5	35.1			
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)				
2012	0	93	28	0	0	.2	10	25	50	75	90	95	98	99		1	2	8.88	
						2.8	4.7	7.1	10.7	20.7	30.1	32.8	32.8		32.8	30.1			

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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				
2012	0		100	8748	2	2	.032	10	25	50	75	90	95	98	99	1	2	.0572	
								.054	.055	.059	.063	.068	.070	.072	.077		.079	.077	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	
2012	0	100	3746	1	1	.030	10	25	50	75	90	95	98	99	1	2	.0550
							.044	.050	.055	.061	.067	.069	.074	.075		.093	.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)		
2012	0	92	112	0	0	.2	10	25	50	75	90	95	98	99	1	2	5.87
							2.1	3.2	4.9	7.4	10.7	12.8	17.9	22.9		29.0	22.9

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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				
2012	0	90	8504	2	2	.018	10	25	50	75	90	95	98	99	1	2	.0601
							.057	.059	.061	.065	.069	.072	.075	.080	.083	.080	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	Min	Obs	Percentages										Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE								1	1 HOUR	0		Parts per billion	
2012	0	86	7560		.0	10	25	50	75	90	95	98	99		1	2	7.46						
					1.0	2.0	4.0	10.0	19.0	25.0	31.0	35.0			59.0	55.0							
44201-Ozone	1			1113										8-HR RUN AVG	0		Parts per million						
														BEGIN HOUR									
2012	0	97	7927	0	0	.014	10	25	50	75	90	95	98	99	1	2	.0545						
						.049	.052	.055	.058	.062	.063	.065	.066		.070	.066							
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														
2012	0	62	76	0	0	.3	10	25	50	75	90	95	98	99	1	2	6.93						
						2.6	3.7	5.5	9.0	11.9	18.0	23.7	28.3		28.3	23.7							

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	
2012	0	94	8267		.0	10	25	50	75	90	95	98	99		1	2	4.08				
						1.0	1.0	3.0	5.0	10.0	13.0	17.0	19.0		33.0	30.0					
44201-Ozone			1			1351												8-HR RUN AVG	0	Parts per million	
															BEGIN HOUR						
2012	0	97	8388	0	0	.019	10	25	50	75	90	95	98	99	1	2	.0541				
						.051	.053	.055	.058	.062	.066	.068	.068		.068	.068					

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	
2012	0	94	8264			.0	10	25	50	75	90	95	98	99		1	2	3.53	
						.0	1.0	3.0	5.0	8.0	10.0	14.0	17.0			38.0	37.0		
44201-Ozone		1		1351												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2012	0	97	8393	0	0	.013	10	25	50	75	90	95	98	99		1	2	.0571	
						.053	.055	.058	.062	.066	.068	.072	.073			.074	.073		

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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					
2012	0	97	8507	0	0	.3	10	25	50	75	90	95	98	99			END HOUR	1	2	.44				
						.3	.3	.3	.6	.7	.9	1.2	1.3					1.9	1.5					
42401-Sulfur dioxide	1			1387					INSTRUMENTAL	PULSED FLUORESCENT				2	1 HOUR	0	Parts per billion							
2012	0	98	8593	0		-.4	10	25	50	75	90	95	98	99				1	2	.03				
						-.3	-.2	.0	.1	.4	.6	1.1	2.1					4.0	3.6					
42602-Nitrogen dioxide (NO2)	1			1387					INSTRUMENTAL	CHEMILUMINESCENCE				1	1 HOUR	0	Parts per billion							
2012	0	91	8029			-1.0	10	25	50	75	90	95	98	99				1	2	.91				
						.0	.2	.6	1.2	2.0	3.1	5.3	7.0					17.7	15.8					
44201-Ozone	1			1387													8-HR RUN AVG	0	Parts per million					
2012	0	98	8345	1	1	.028	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0575				
						.053	.055	.059	.062	.067	.069	.072	.074					.077	.074					
81102-PM10 Total 10um STP	0-	1		1387					INSTRUMENT MET	BETA ATTENUATION				4	1 HOUR	0	Micrograms/cubic meter							
2012	0	97	8533			2	10	25	50	75	90	95	98	99				1	2	15.2				
						2	4	8	17	29	44	81	131					830	790					
81102-PM10 Total 10um STP	0-	1		1387													24-HR BLK AVG	0	Micrograms/cubic meter					
2012	0	97	355	1	1	2	10	25	50	75	90	95	98	99				1	2	14.8				
						3	5	10	17	28	41	81	91					231	145					

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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								2	24 HOUR	0	Micrograms/cubic meter (LC)
2012	0	93	70	1	1	.4	10	25	50	75	90	95	98	99		1	2	4.94		
						2.5	3.4	4.4	6.5	7.6	14.7	16.8	38.3		38.3	16.8				
88101-PM2.5 - Local Conditions	3			1387					Met One BAM-1020 Mass Monitor w/VSCC								2	1 HOUR	0	Micrograms/cubic meter (LC)
2012	0	98	8587			-4.0	10	25	50	75	90	95	98	99		1	2	5.25		
						1.0	2.0	4.0	6.0	10.0	15.0	24.0	34.0		340.0	220.0				
88101-PM2.5 - Local Conditions	3			1387														24-HR BLK AVG	0	Micrograms/cubic meter (LC)
2012	0	98	357	4	4	.2	10	25	50	75	90	95	98	99		1	2	5.22		
						1.6	2.4	3.7	5.5	10.6	15.3	20.2	35.7		78.6	40.6				

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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					
2012	0	99	8688	0	0		.3	10	25	50	75	90	95	98	99			END HOUR	1	2	.42				
							.3	.3	.3	.4	.8	.9	1.1	1.3						2.0	1.8				
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE				1	1 HOUR	0	Parts per billion								
2012	0	93	8156				1.0	10	25	50	75	90	95	98	99				1	2	16.53				
							4.0	7.0	13.0	25.0	34.0	38.0	42.0	45.0						88.0	83.0				
44201-Ozone	2			1113														8-HR RUN AVG	0	Parts per million					
2012	0	100	8746	4	4		.002	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0574				
							.052	.054	.057	.063	.068	.071	.077	.079						.080	.079				
81102-PM10 Total 10um STP	2			1113					R - P Co Partisol	Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)								
2012	0	86	105	0	0		4	10	25	50	75	90	95	98	99				1	2	21.0				
							7	12	19	25	40	43	56	67						76	67				
81102-PM10 Total 10um STP	3			1113					R - P Co Partisol	Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)								
2012	0	93	28	0	0		2	10	25	50	75	90	95	98	99				1	2	18.8				
							7	11	20	24	30	36	57	57						57	36				
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																
2012	0	94	344	0	0		.1	10	25	50	75	90	95	98	99				1	2	8.08				
							3.1	4.5	6.6	10.1	15.7	19.1	22.7	23.2						34.5	23.9				

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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)	
2012	0	96	352	0	0	2	10	25	50	75	90	95	98	99		1	2	22.2			
							8	12	19	29	40	48	55	67		68	67				
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)	
2012	0	83	305	0	0	1.3	10	25	50	75	90	95	98	99		1	2	8.01			
							3.1	4.6	6.5	9.5	15.1	19.4	23.9	26.4		32.9	27.3				
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)	
2012	0	93	29	0	0	.0	10	25	50	75	90	95	98	99		1	2	7.48			
							2.8	5.0	6.8	8.1	13.3	19.9	34.1	34.1		34.1	19.9				

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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		
														BEGIN HOUR				
2012	0	99	3693	4	4	.036	10	25	50	75	90	95	98	99	1	2	.0596	
							.050	.055	.059	.064	.069	.073	.076	.085		.088	.085	
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)	
2012	0	97	119	0	0	1.4	10	25	50	75	90	95	98	99	1	2	7.21	
							3.0	4.2	6.1	8.1	12.6	18.7	22.4	28.8		29.5	28.8	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

Utah

Site ID: 49-053-0006	AQCR: FOUR CORNERS	Latitude: +37.129000
County: Washington	Urban Area: NOT IN AN URBAN AREA	Longitude: -113.637000
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH		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	
2012	0	30	2625			1.0	10	25	50	75	90	95	98	99		1	2	3.68	
							2.0	2.0	3.0	5.0	7.0	9.0	11.0	13.0		21.0	20.0		
44201-Ozone		1		1113												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2012	0	61	2689	1	1	.044	10	25	50	75	90	95	98	99		1	2	.0598	
							.053	.056	.060	.065	.071	.074	.075	.080		.080	.075		

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

Utah

Site ID: 49-053-0007
 County: Washington
 City: Not in a city
 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: +37.129000
 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			
2012	0	20	1774			.0	10	25	50	75	90	95	98	99	1	2	2.45	
							1.0	1.0	2.0	3.0	5.0	7.0	12.0	16.0		25.0	22.0	
44201-Ozone		1		1113									8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2012	0	38	1401	0	0	.038	10	25	50	75	90	95	98	99	1	2	.0502	
							.041	.047	.050	.054	.058	.062	.062	.063		.063	.062	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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						
2012	0	99	8727	0	0		.3	10	25	50	75	90	95	98	99		END HOUR	1	2	.45					
							.3	.3	.3	.5	.8	1.0	1.2	1.3				2.0	1.8						
42602-Nitrogen dioxide (NO2)	1			1113												1	1 HOUR	0	Parts per billion						
2012	0	93	8208				-1.0	10	25	50	75	90	95	98	99			1	2	15.96					
							2.0	5.0	13.0	27.0	33.0	37.0	41.0	43.0				55.0	55.0						
44201-Ozone	1			1113													8-HR RUN AVG	0	Parts per million						
2012	0	95	7405	0	0		.002	10	25	50	75	90	95	98	99		BEGIN HOUR	1	2	.0528					
							.046	.050	.053	.058	.063	.065	.068	.068				.069	.068						
81102-PM10 Total 0-10um STP	1			1113												4	24 HOUR	0	Micrograms/cubic meter (25 C)						
2012	0	99	362	0	0		2	10	25	50	75	90	95	98	99			1	2	21.0					
							8	13	19	26	37	44	49	54				95	61						
88101-PM2.5 - Local Conditions	1			1113												2	24 HOUR	1	Micrograms/cubic meter (LC)						
2012	0	93	340	1	1		1.4	10	25	50	75	90	95	98	99			1	2	8.93					
							3.2	5.5	7.5	10.7	16.3	21.4	25.8	30.5				35.5	34.8						

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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)		
2012	1	93	341	2	2	1.4	10	25	50	75	90	95	98	99	1	2	9.10
						3.3	5.5	7.5	11.0	16.3	22.0	26.2	31.5		63.7	35.5	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)		
2012	1	93	341	2	2	1.4	10	25	50	75	90	95	98	99	1	2	9.10
						3.3	5.5	7.5	11.0	16.3	22.0	26.2	31.5		63.7	35.5	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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					
2012	0	100	8750	0	0	.3	10	25	50	75	90	95	98	99		1	2	.47	
								.3	.3	.3	.6	.9	1.0	1.2	1.4		1.8	1.8	

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

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	1	Parts per million
2012	0	98	3833	3	3	.039	10	25	50	75	90	95	98	99		1	2 .0597
							.051	.054	.060	.066	.071	.074	.076	.076		.078	.076
			1			1113									8-HR RUN AVG BEGIN HOUR	2	Parts per million
2012	0	98	3834	4	4	.039	10	25	50	75	90	95	98	99		1	2 .0598
							.051	.054	.060	.066	.072	.074	.076	.078		.081	.078
			1			1113									8-HR RUN AVG BEGIN HOUR	5	Parts per million
2012	0	98	3834	4	4	.039	10	25	50	75	90	95	98	99		1	2 .0598
							.051	.054	.060	.066	.072	.074	.076	.078		.081	.078
88101-PM2.5 - Local Conditions			1			1113	R & P Model 2000 PM-2.5 Air Sampler w/VSCC							2	24 HOUR	1	Micrograms/cubic meter (LC)
							R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2			
2012	0	94	114	0	0	1.4	10	25	50	75	90	95	98	99		1	2 6.84
							2.2	3.6	5.3	7.7	12.4	19.5	26.5	27.4		31.7	27.4

FREQUENCY DISTRIBUTION REPORT

May. 24, 2013

Utah

Site ID: 49-057-1003
 County: Weber
 City: Harrisville
 Support Agency: 1113
 Address: 425 W 2550 NORTH, OGDEN, UTAH

AQCR: WASATCH FRONT
 Urban Area: OGDEN, UT
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +41.303614
 Longitude: -111.987871
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,331.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages													Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions	1		1113				R & P Model 2000 PM-2.5 Air Sampler w/VSCC										2	24 HOUR	2	Micrograms/cubic meter (LC)	
2012	1	94	115	0	0	1.4	10	25	50	75	90	95	98	99		1	2	7.09			
							2.3	3.7	5.3	7.8	12.8	21.3	27.4	31.7				35.4	31.7		
88101-PM2.5 - Local Conditions	1		1113				R & P Model 2000 PM-2.5 Air Sampler w/VSCC										2	24 HOUR	5	Micrograms/cubic meter (LC)	
2012	1	94	115	0	0	1.4	10	25	50	75	90	95	98	99		1	2	7.09			
							2.3	3.7	5.3	7.8	12.8	21.3	27.4	31.7				35.4	31.7		