

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1205182

Report Code: AMP230

Apr. 28, 2014

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	49			42602							

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
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

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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	



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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	Min	Obs	Percentages								Maximum Values	Arith Mean	
			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	

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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	Percentages									Maximum Values	Arith Mean		
						Min	Obs											
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	

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							

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		
2013	0	81	7097			-1.1	10	25	50	75	90	95	98	99			1	2	3.88				
							-.3	.2	1.9	5.3	11.5	16.0	21.2	22.9			34.5	31.4					



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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:

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			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	

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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						Min Obs			Maximum Values	Arith Mean	
			1		1113	INSTRUMENTAL						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	

FREQUENCY DISTRIBUTION REPORT

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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

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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	Percentages									Maximum Values	Arith Mean	
						Min	Obs										
			1		1351	INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2013	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	

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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		
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				

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Utah

Site ID: 49-047-7022	AQCR: UTAH	Latitude: +40.483598
County: Uintah	Urban Area: NOT IN AN URBAN AREA	Longitude: -109.906796
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 687	Land Use: DESERT	Utm Northing:
Address: WHITEROCKS & COUNTY ROAD		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				

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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		
			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	

FREQUENCY DISTRIBUTION REPORT

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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			



FREQUENCY DISTRIBUTION REPORT

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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	
	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	