

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
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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

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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
			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: 49-013-1001	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					

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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			
								-0.3	0.2	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	
						INSTRUMENTAL							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: 49-047-5632	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
 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	Percentages									Maximum Values	Arith Mean	
						Min	Obs										
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	
			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		

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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			