

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1439597

Report Code: AMP230

Apr. 26, 2016

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
SUMMARY CRITERIA	INCLUDE ALL DATA
MERGE PDF FILES	YES
EVENTS PROCESSING	REPORT ALL EVENT RECORDS
AGENCY ROLE	PQAO

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2015	2015

APPLICABLE STANDARDS

Standard Description
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
NO2 Annual 1971
Ozone 8-Hour 2008
PM10 24-hour 2006
PM25 24-hour 2013
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

Apr. 26, 2016

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	
2015	0	89	7802			1.0		10	25	50	75	90	95	98	99		1	2	11.22	
								3.0	5.0	9.0	16.0	24.0	28.0	32.0	34.0		42.0	42.0		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-005-0007
 County: Cache
 City: Smithfield
 Support Agency: 1113
 Address: 675 West 220 North

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

Latitude: +41.842649
 Longitude: -111.852199
 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	
			1		1113			INSTRUMENTAL	CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2015	0	29	2556			3.0		10	25	50	75	90	95	98	99		1	2	7.74	
								3.0	4.0	6.0	10.0	15.0	18.0	23.0	25.0		37.0	31.0		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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			
2015	0	0	0	38			2.0		10	25	50	75	90	95	98	99		1	2	4.87			
									2.0	3.0	4.0	6.0	9.0	11.0	13.0	13.0		13.0	11.0				

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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:

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		
								Teledyne-API		Photolytic-		.1						
								Model 200EUP or		Chemiluminescence								
								T200UP										
2015	0	32	2796			.0	10	25	50	75	90	95	98	99		1	2	15.47
							4.0	6.0	11.0	24.0	33.0	38.0	43.0	47.0		62.0	60.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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	
2015	0	45	3904			.1	10	25	50	75	90	95	98	99		1	2	6.36	
							1.4	2.7	4.9	8.5	13.1	16.6	21.2	23.6		37.7	34.4		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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 Teledyne API 200 EU/501										.05	1 HOUR	0	Parts per billion	
2015	0	97	8515			.1	10	25	50	75	90	95	98	99			1	2	3.31				
								.9	1.3	2.4	4.2	7.3	9.5	11.9	13.7			25.5	25.2				

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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	
2015	0	90	7846			1.0		10	25	50	75	90	95	98	99		1	2	15.64
								3.0	5.0	11.0	24.0	35.0	40.0	45.0	47.0		63.0	62.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-035-3013
 County: Salt Lake
 City: Herriman
 Support Agency: 1113
 Address: 14058 Mirabella Dr.

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

Latitude: +40.496392
 Longitude: -112.036298
 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		
2015	0	91	7939			1.0	10	25	50	75	90	95	98	99	1	2	5.38
						1.0	2.0	4.0	7.0	11.0	15.0	20.0	24.0		46.0	45.0	

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-045-0004
 County: Tooele
 City: Erda
 Support Agency: 1113
 Address: 2163 W. Erda Way

AQCR: WASATCH FRONT
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: COMMERCIAL

Latitude: +40.600532
 Longitude: -112.353414
 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		
2015	0	14	1212			.0	10	25	50	75	90	95	98	99	1	2	5.90
							1.0	2.0	4.0	10.0	14.0	15.0	17.0	19.0	26.0	23.0	

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-047-1004
 County: Uintah
 City: Vernal
 Support Agency: 1113
 Address: 628 North 1700 West

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

Latitude: +40.464710
 Longitude: -109.561472
 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	
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2015	0	21	1871			.0	10	25	50	75	90	95	98	99	1	2	5.26
						1.0	2.0	4.0	7.0	12.0	15.0	20.0	22.0		35.0	34.0	

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: 687	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			
2015	0		98	8554			-.4	10	25	50	75	90	95	98	99		1	2	2.44				
								.1	.4	1.2	3.4	6.7	8.8	11.6	14.0		31.5	25.8					

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: 687	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		687				INSTRUMENTAL	CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion			
2015	0		96	8384			.0	10	25	50	75	90	95	98	99		1	2	3.40				
							.7	1.1	2.2	4.1	8.1	11.1	14.2	16.9		30.7	30.3						

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-047-7022
 County: Uintah
 City: Not in a city
 Support Agency: 687
 Address: WHITE ROCKS & 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 Teledyne API 200 EU/501							.05	1 HOUR	0	Parts per billion	
2015	0	98	8607			.1	10	25	50	75	90	95	98	99		1	2	1.39		
								.5	.7	1.0	1.6	2.7	3.8	5.4	6.3		11.6	10.7		

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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	Percentages						Min Obs			Maximum Values	Arith Mean	
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2015	0	84	7338			.0	10	25	50	75	90	95	98	99	1	2	13.97
							1.0	4.0	10.0	23.0	33.0	38.0	42.0	45.0		79.0	73.0

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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: +37.179125
 Longitude: -113.305096
 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	Percentages						Min Obs			Maximum Values	Arith Mean	
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion		
2015	0	8	713			.0	10	25	50	75	90	95	98	99	1	2	1.21
						.0	.0	1.0	1.0	3.0	5.0	7.0	9.0		14.0	14.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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	Percentages									Maximum Values	Arith Mean	
						Min	Obs										
42602-Nitrogen dioxide (NO2)			1		1113			INSTRUMENTAL		CHEMILUMINESCENCE		1	1 HOUR	0	Parts per billion		
2015	0	81	7077			.0	10	25	50	75	90	95	98	99	1	2	14.77
							3.0	4.0	11.0	24.0	32.0	37.0	40.0	42.0	54.0	50.0	