

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
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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
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	Percentages									Maximum Values	Arith Mean	
						Min	Obs										
			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	Percentages						Min Obs			Maximum Values	Arith Mean	
			1		1113	INSTRUMENTAL						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		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	Percentages									Maximum Values	Arith Mean	
						Min	Obs										
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

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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	Percentages						Min Obs			Maximum Values	Arith Mean		
42602-Nitrogen dioxide (NO2)		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						Min Obs			Maximum Values	Arith Mean	
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: 49-047-1004  
 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									Maximum Values	Arith Mean		
						Min	Obs											
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: 49-047-7022  
 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

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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: +37.179125  
 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