

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1439609

Report Code: AMP230

Apr. 26, 2016

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	49			81102							

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

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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
81102-PM10	Total	0-	1		1113		R - P Co Partisol							4	24 HOUR	0	Micrograms/cubic meter	
	10um	STP					Model 2000										(25 C)	
2015	0	88	107	0	0	3	10	25	50	75	90	95	98	99	1	2	16.4	
							5	10	15	19	29	34	41	43	93	43		

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	
81102-PM10	Total	0-	1		1113		R - P Co Partisol Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)		
	10um STP						Model 2025												
2015	0	85	107	0	0	2	10	25	50	75	90	95	98	99	1	2	16.3		
							4	8	13	21	29	36	49	57		108	57		
81102-PM10	Total	0-	2		1113		R - P Co Partisol Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)		
	10um STP						Model 2025												
2015	0	77	24	0	0	0	10	25	50	75	90	95	98	99	1	2	14.3		
							0	8	13	20	29	29	41	41		41	29		

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	Min	Obs	Percentages										Maximum Values	Arith Mean	
81102-PM10 Total	0-	5			1113			R - P Co Partisol	Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
10um STP								Model 2000												
2015	0	28	19	0	0	2	10	25	50	75	90	95	98	99		1	2	18.4		
							6	13	17	23	36	38	38	38		38	36			

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

Utah

Site ID: 49-035-1001	AQCR: WASATCH FRONT	Latitude: +40.708611
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -112.094722
City: Magna	Location Setting: SUBURBAN	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: 2935 SOUTH 8560 WEST MAGNA,UTAH		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	Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)	
10um STP							Model 2025														
2015	0	98	119	0	0	2	10	25	50	75	90	95	98	99		1	2	16.3			
							5	9	15	20	30	37	51	52		57	52				

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	
81102-PM10	Total	0-	1		1113		R - P Co Partisol	Gravimetric						4	24 HOUR	0	Micrograms/cubic meter (25 C)	
	10um STP						Model 2025											
2015	0	84	307	0	0	0	10	25	50	75	90	95	98	99		1	2	18.3
							6	10	17	23	31	40	52	60		80	64	

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	Min	Obs	Percentages											Maximum Values	Arith Mean	
81102-PM10	Total	0-	1		1113	R - P	Co Partisol	Gravimetric								4	24 HOUR	1	Micrograms/cubic meter (25 C)		
	10um STP					Model 2025															
2015	0	86	314	0	0	2	10	25	50	75	90	95	98	99		1	2	18.4			
							5	8	15	24	37	44	55	68			92	77			
81102-PM10	Total	0-	1		1113	R - P	Co Partisol	Gravimetric								4	24 HOUR	2	Micrograms/cubic meter (25 C)		
	10um STP					Model 2025															
2015	1	86	315	1	1	2	10	25	50	75	90	95	98	99		1	2	19.1			
							5	9	15	25	37	44	57	73			256	92			
81102-PM10	Total	0-	1		1113	R - P	Co Partisol	Gravimetric								4	24 HOUR	5	Micrograms/cubic meter (25 C)		
	10um STP					Model 2025															
2015	1	86	315	1	1	2	10	25	50	75	90	95	98	99		1	2	19.1			
							5	9	15	25	37	44	57	73			256	92			



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	Min Obs		Percentages											Maximum Values	Arith Mean	
81102-PM10	Total	0-	2		1113	R - P Co Partisol		Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)		
	10um STP					Model 2025															
2015	0	89	108	0	0	0	10	25	50	75	90	95	98	99		1	2	17.4			
						8	11	16	23	29	34	40	41			47	41				
81102-PM10	Total	0-	3		1113	R - P Co Partisol		Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)		
	10um STP					Model 2025															
2015	0	53	19	0	0	0	10	25	50	75	90	95	98	99		1	2	14.8			
						0	10	15	19	23	46	46	46			46	23				
81102-PM10	Total	0-	4		1113	INSTRUMENTAL-R&P		TEOM-GRAVIMETRIC								-50	1 HOUR	0	Micrograms/cubic meter (25 C)		
	10um STP					SA246B-INLET															
2015	0	87	7624			-50	10	25	50	75	90	95	98	99		1	2	20.0			
						5	10	17	25	37	47	61	73			892	729				
81102-PM10	Total	0-	4		1113												24-HR BLK AVG	0	Micrograms/cubic meter (25 C)		
	10um STP																				
2015	0	87	317	0	0	-20	10	25	50	75	90	95	98	99		1	2	19.6			
						9	13	18	23	32	39	46	50			112	58				

FREQUENCY DISTRIBUTION REPORT

Apr. 26, 2016

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										4	24 HOUR	1	Micrograms/cubic meter	
	10um STP						Model 2025													(25 C)	
2015	0	88	319	0	0	2	10	25	50	75	90	95	98	99		1	2	19.6			
							8	11	17	26	36	43	50	53			67	67			
81102-PM10	Total	0-	2		1113		R - P Co Partisol										4	24 HOUR	2	Micrograms/cubic meter	
	10um STP						Model 2025													(25 C)	
2015	1	88	320	1	1	2	10	25	50	75	90	95	98	99		1	2	20.1			
							8	11	17	26	36	43	50	56			194	67			
81102-PM10	Total	0-	2		1113		R - P Co Partisol										4	24 HOUR	5	Micrograms/cubic meter	
	10um STP						Model 2025													(25 C)	
2015	1	88	320	1	1	2	10	25	50	75	90	95	98	99		1	2	20.1			
							8	11	17	26	36	43	50	56			194	67			
81102-PM10	Total	0-	4		1113		INSTRUMENTAL-R&P										-50	1 HOUR	0	Micrograms/cubic meter	
	10um STP						SA246B-INLET													(25 C)	
2015	0	74	6465			0	10	25	50	75	90	95	98	99		1	2	18.3			
							3	7	14	23	36	48	66	79			890	884			
81102-PM10	Total	0-	4		1113													24-HR BLK AVG	0	Micrograms/cubic meter	
	10um STP																			(25 C)	
2015	0	73	267	0	0	0	10	25	50	75	90	95	98	99		1	2	17.8			
							6	11	15	23	31	39	45	51			134	67			

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	Min Obs	Percentages									Maximum Values	Arith Mean
81102-PM10	Total	0-	1		1113		R - P Co Partisol						4	24 HOUR	0	Micrograms/cubic meter	
	10um STP						Model 2025									(25 C)	
2015	0	64	78	0	0	0	10	25	50	75	90	95	98	99	1	2	11.7
							5	7	11	15	18	21	28	36	36	28	

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	Min Obs	Percentages										Maximum Values	Arith Mean				
81102-PM10 Total 10um STP	0-	1		1113				R - P Co Partisol Model 2025	Gravimetric										4	24 HOUR	1	Micrograms/cubic meter (25 C)	
2015	0	76	277	0	0	0	10	25	50	75	90	95	98	99		1	2	18.8					
							7	11	17	23	31	42	54	64			86	68					
81102-PM10 Total 10um STP	0-	1		1113				R - P Co Partisol Model 2025	Gravimetric										4	24 HOUR	2	Micrograms/cubic meter (25 C)	
2015	1	76	278	1	1	0	10	25	50	75	90	95	98	99		1	2	20.0					
							7	11	17	23	32	43	56	68			332	86					
81102-PM10 Total 10um STP	0-	1		1113				R - P Co Partisol Model 2025	Gravimetric										4	24 HOUR	5	Micrograms/cubic meter (25 C)	
2015	1	76	278	1	1	0	10	25	50	75	90	95	98	99		1	2	20.0					
							7	11	17	23	32	43	56	68			332	86					
81102-PM10 Total 10um STP	0-	4		1113				INSTRUMENTAL-R&P SA246B-INLET	TEOM-GRAVIMETRIC										-50	1 HOUR	0	Micrograms/cubic meter (25 C)	
2015	0	80	7041			0	10	25	50	75	90	95	98	99		1	2	23.2					
							7	11	18	29	41	55	76	98			630	500					
81102-PM10 Total 10um STP	0-	4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (25 C)							
2015	0	80	291	0	0	7	10	25	50	75	90	95	98	99		1	2	22.7					
							10	15	21	28	33	42	61	67			96	93					