

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
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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

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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	
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

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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

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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	
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				

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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			
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						

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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	
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

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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

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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	Percentages													Maximum Values	Arith Mean		
						Min	Obs															
81102-PM10 Total 10um STP		0-	2		1113	R - P Co Partisol Model 2025										4	24 HOUR	0	Micrograms/cubic meter (25 C)			
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 10um STP		0-	3		1113	R - P Co Partisol Model 2025										4	24 HOUR	0	Micrograms/cubic meter (25 C)			
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 10um STP		0-	4		1113	INSTRUMENTAL-R&P SA246B-INLET										-50	1 HOUR	0	Micrograms/cubic meter (25 C)			
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 10um STP		0-	4		1113	24-HR BLK AVG												0	Micrograms/cubic meter (25 C)			
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

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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

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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	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	

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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				
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					