

User ID: RPW

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 903476

Report Code: AMP230

Aug. 25, 2011

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
49															

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	88101		

SELECTED OPTIONS

Option Type	Option Value
SUMMARY CRITERIA	INCLUDE ALL DATA
EVENTS PROCESSING	REPORT ALL EVENT RECORDS
MERGE PDF FILES	YES

SORT ORDER

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

SCR GROUP SELECTIONS

Utah
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GLOBAL DATES

Start Date	End Date
2009	2009

APPLICABLE STANDARDS

Standard Description
PM25 24-hour 2006

FREQUENCY DISTRIBUTION REPORT

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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

Aug. 25, 2011

Utah

Site ID: 49-003-0003  
 County: Box Elder  
 City: Brigham City  
 Support Agency: 1113  
 Address: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT

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

Latitude: +41.492778  
 Longitude: -112.018056  
 UTM Zone: 12  
 Utm Northing: 4593750  
 Utm Easting: 415018  
 Vertical Meas: 1,334.0

Site Comments: SITE FOR OZONE, PM2.5, AND MET:

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	
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	98	120	3	3	1.3	10	25	50	75	90	95	98	99		1	2	8.51		
							2.9	3.8	5.9	8.7	23.1	28.3	35.7	38.6		47.9	38.6			

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-005-0004

AQCR: UTAH

Latitude: +41.731111

County: Cache

Urban Area: NOT IN AN URBAN AREA

Longitude: -111.837500

City: Logan

Location Setting: URBAN AND CENTER CITY

UTM Zone: 12

Support Agency: 1113

Land Use: COMMERCIAL

Utm Northing: 4620024

Address: 125 W. CENTER STREET, LOGAN, UT

Utm Easting: 430337

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
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)		
2009	0	99	360	18	18	1.0	10	25	50	75	90	95	98	99	1	2	10.36
								3.3	4.5	6.6	11.0	25.7	35.5	42.7	49.2	68.9	58.5
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)		
2009	0	98	60	3	3	2.2	10	25	50	75	90	95	98	99	1	2	10.37
								3.5	4.5	6.4	14.0	26.5	36.3	37.4	42.5	42.5	37.4

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-011-0004  
 County: Davis  
 City: Bountiful  
 Support Agency: 1113  
 Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH

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

Latitude: +40.902967  
 Longitude: -111.884467  
 UTM Zone: 12  
 Utm Northing: 4528150.36  
 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	
88101-PM2.5 - Local Conditions		1		1113				R & P Model 2000 PM-2.5 Air Sampler w/VSCC					2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	89	110	6	6	1.4	10	25	50	75	90	95	98	99	1	2	10.11
							3.7	4.5	6.4	10.2	25.3	35.5	43.8	53.3	55.9	53.3	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-035-0003	AQCR: WASATCH FRONT	Latitude: +40.646667
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -111.849722
City: Not in a city	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4499650
Address: 5715 S. 1400 E., SALT LAKE CITY		Utm Easting: 428153
		Vertical Meas: 1,335.0

Site Comments: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD:

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		
88101-PM2.5 - Local Conditions			1			1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0		99	361	19	19	1.1	10	25	50	75	90	95	98	99			1	2	11.10	
								3.9	5.3	7.2	11.3	22.2	35.5	49.7	63.9			74.3	72.8		

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-035-1001  
 County: Salt Lake  
 City: Magna  
 Support Agency: 1113  
 Address: 2935 SOUTH 8560 WEST MAGNA, UTAH

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

Latitude: +40.708611  
 Longitude: -112.094722  
 UTM Zone: 12  
 Utm Northing: 4506792  
 Utm Easting: 407529  
 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	
88101-PM2.5 - Local Conditions		1			1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	98	120	2	2	1.2	10	25	50	75	90	95	98	99		1	2	8.75
							3.0	4.1	6.1	8.8	15.4	31.3	35.1	52.1		69.0	52.1	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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: 12  
 Utm Northing: 4509639  
 Utm Easting: 426359  
 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	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	1	Micrograms/cubic meter (LC)			
2009	0	96	350	16	16	1.4	10	25	50	75	90	95	98	99		1	2	10.77
							3.9	5.2	7.0	11.8	21.1	33.4	45.2	66.9		72.1	69.8	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)			
2009	1	96	351	17	17	1.4	10	25	50	75	90	95	98	99		1	2	10.85
							3.9	5.2	7.1	11.9	21.6	33.6	45.2	66.9		72.1	69.8	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)			
2009	1	96	351	17	17	1.4	10	25	50	75	90	95	98	99		1	2	10.85
							3.9	5.2	7.1	11.9	21.6	33.6	45.2	66.9		72.1	69.8	



FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-035-3010  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1250 NORTH 1400 WEST

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

Latitude: +40.784220  
 Longitude: -111.931000  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,286.0

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
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	1	Micrograms/cubic meter (LC)		
2009	0	88	319	11	11	1.2	10	25	50	75	90	95	98	99	1	2	9.88
						3.6	5.1	6.9	10.3	18.1	27.5	44.6	58.6		64.3	64.2	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)		
2009	1	88	320	12	12	1.2	10	25	50	75	90	95	98	99	1	2	9.97
						3.6	5.1	6.9	10.3	18.1	33.2	44.6	58.6		64.3	64.2	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)		
2009	0	88	319	11	11	1.2	10	25	50	75	90	95	98	99	1	2	9.88
						3.6	5.1	6.9	10.3	18.1	27.5	44.6	58.6		64.3	64.2	
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)		
2009	0	97	59	3	3	1.9	10	25	50	75	90	95	98	99	1	2	10.98
						3.4	5.1	8.2	12.2	22.4	36.3	41.4	63.9		63.9	41.4	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-045-0003  
 County: Tooele  
 City: Tooele  
 Support Agency: 1113  
 Address: 434 NORTH 50 WEST, TOOELE, UTAH

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

Latitude: +40.543371  
 Longitude: -112.298814  
 UTM Zone: 12  
 Utm Northing: 4488683  
 Utm Easting: 390013  
 Vertical Meas: 1,511.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Percentages								Maximum Values	Arith Mean	
						Obs											
88101-PM2.5 - Local Conditions		1			1113		R & P Model 2000 PM-2.5 Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	89	109	1	1	1.5	10	25	50	75	90	95	98	99	1	2	7.29
							2.6	3.7	5.4	7.4	13.0	20.7	26.1	33.3		67.0	33.3

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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: 12  
 Utm Northing: 4455894  
 Utm Easting: 443606  
 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
88101-PM2.5 - Local Conditions	1		1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC								2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	97	354	11	11	1.3	10	25	50	75	90	95	98	99		1	2	9.94
						3.8	4.9	7.0	9.8	20.4	27.7	42.2	57.1			78.2	72.8	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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: 12  
 Utm Northing: 4465688  
 Utm Easting: 439398  
 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	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)			
2009	0	94	342	14	14	1.7	10	25	50	75	90	95	98	99		1	2	10.59
								3.5	4.8	6.7	10.1	23.2	33.9	49.3	63.9		80.4	75.6
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)			
2009	0	89	55	3	3	2.5	10	25	50	75	90	95	98	99		1	2	10.75
								3.7	5.1	7.7	9.6	26.4	36.0	46.7	63.5		63.5	46.7

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-049-5008  
 County: Utah  
 City: Not in a city  
 Support Agency: 1113  
 Address: 10865 N. 6000 WEST, HIGHLAND, UTAH

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: RURAL  
 Land Use: AGRICULTURAL

Latitude: +40.430278  
 Longitude: -111.803889  
 UTM Zone: 12  
 Utm Northing: 4475602  
 Utm Easting: 431803  
 Vertical Meas: 1,485.0

Site Comments: PART OF 1994 OZONE NETWORK:

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		
88101-PM2.5 - Local Conditions		1		1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	94	115	2	2	1.2	10	25	50	75	90	95	98	99			1	2	8.22
							3.3	4.3	5.6	8.2	14.9	24.9	34.3	52.8			58.1	52.8	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-049-5010  
 County: Utah  
 City: Spanish Fork  
 Support Agency: 1113  
 Address: 312 W. 2050 NORTH, SPANISH FORK, UTAH

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: SUBURBAN  
 Land Use: INDUSTRIAL

Latitude: +40.136389  
 Longitude: -111.659722  
 UTM Zone: 12  
 Utm Northing: 4442904  
 Utm Easting: 443807  
 Vertical Meas: 1,380.0

Site Comments: SITE IS LOCATED AT SPANISH FORK AIRPORT:

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		
88101-PM2.5 - Local Conditions		1		1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	95	116	4	4	1.5	10	25	50	75	90	95	98	99			1	2	9.38
							3.5	4.6	6.4	8.6	17.8	30.7	43.6	59.2			77.3	59.2	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-057-0002  
 County: Weber  
 City: Ogden  
 Support Agency: 1113  
 Address: 228 32ND STREET, OGDEN, UTAH

AQCR: WASATCH FRONT  
 Urban Area: OGDEN, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: RESIDENTIAL

Latitude: +41.206389  
 Longitude: -111.974722  
 UTM Zone: 12  
 Utm Northing: 4561914  
 Utm Easting: 418278  
 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	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	1	Micrograms/cubic meter (LC)		
2009	0	94	342	9	9	1.2	10	25	50	75	90	95	98	99	1	2	10.12
						3.7	4.9	7.4	10.8	20.7	27.7	37.4	42.2		56.4	48.7	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)		
2009	1	94	343	10	10	1.2	10	25	50	75	90	95	98	99	1	2	10.24
						3.7	5.0	7.4	10.9	20.8	29.4	39.1	45.6		56.4	52.0	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)		
2009	0	94	342	9	9	1.2	10	25	50	75	90	95	98	99	1	2	10.12
						3.7	4.9	7.4	10.8	20.7	27.7	37.4	42.2		56.4	48.7	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-057-1003  
 County: Weber  
 City: Not in a city  
 Support Agency: 1113  
 Address: 425 W 2550 NORTH, OGDEN, UTAH

AQCR: WASATCH FRONT  
 Urban Area: OGDEN, UT  
 Location Setting: RURAL  
 Land Use: RESIDENTIAL

Latitude: +41.303683  
 Longitude: -111.987067  
 UTM Zone: 12  
 Utm Northing: 4572719  
 Utm Easting: 417376  
 Vertical Meas: 1,331.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Percentages					Obs		Maximum	Arith Mean		
88101-PM2.5 - Local Conditions	1		1113				R & P Model 2000 PM-2.5 Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)	
2009	0	97	118	3	3	1.2	10	25	50	75	90	95	98	99	1	2	8.90
							3.2	4.3	5.8	9.5	18.5	30.2	37.6	41.1		51.2	41.1