

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

GLOBAL DATES

Start Date	End Date
2009	2009

APPLICABLE STANDARDS

Standard Description
PM25 24-hour 2006

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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						Gravimetric	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						Gravimetric	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	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

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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		Gravimetric		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	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	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	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	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 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	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	