

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1545379

Report Code: AMP230

Apr. 18, 2017

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	49			88101							

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
2016	2016

APPLICABLE STANDARDS

Standard Description
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
NO2 Annual 1971
Ozone 8-hour 2015
PM10 24-hour 2006
PM25 24-hour 2012
SO2 1-hour 2010

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

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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: +41.492707
 Longitude: -112.018863
 UTM Zone:
 Utm Northing:
 Utm Easting:
 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)	
2016	0	83	204	4	4	.2	10	25	50	75	90	95	98	99		1	2	7.92
							3.2	4.0	6.2	9.9	23.7	33.1	35.7	42.3		43.3	42.3	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2016	0	36	3142			.7	10	25	50	75	90	95	98	99		1	2	7.32
							2.9	4.2	6.1	8.9	13.0	15.9	20.7	28.4		62.5	62.2	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG									0	Micrograms/cubic meter (LC)	
2016	0	36	131	0	0	1.1	10	25	50	75	90	95	98	99		1	2	7.23
							3.4	4.6	6.3	9.3	11.7	13.1	17.8	20.9		27.7	20.9	

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
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)				
2016	0	90	331	7	7	.6	10	25	50	75	90	95	98	99	1	2	7.44		
						1.9	2.8	4.7	8.3	16.7	25.5	36.4	39.5	46.8	44.3				
88101-PM2.5 - Local Conditions	2			1113					R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric	2	24 HOUR	0		Micrograms/cubic meter (LC)				
2016	0	70	39	0	0	1.1	10	25	50	75	90	95	98	99	1	2	5.46		
						3.6	4.1	5.6	7.8	12.0	13.5	16.6	16.6	16.6	13.5				
88101-PM2.5 - Local Conditions	3			1113					Thermo Scientific TEOM 1405-DF Dichotomous FDMS	FDMS Gravimetric	2	1 HOUR	0		Micrograms/cubic meter (LC)				
2016	0	100	4997			-10.0	10	25	50	75	90	95	98	99	1	2	7.21		
						.7	2.9	5.4	9.1	15.6	22.4	35.1	41.2	140.9	53.0				
88101-PM2.5 - Local Conditions	3			1113								24-HR BLK AVG	0		Micrograms/cubic meter (LC)				
2016	0	65	207	1	1	-.2	10	25	50	75	90	95	98	99	1	2	7.21		
						13.7	16.2	22.0	32.2	35.1	37.7	37.7	37.7	37.7	35.1				
88101-PM2.5 - Local Conditions	4			1113					Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation	2	1 HOUR	0		Micrograms/cubic meter (LC)				
2016	0	100	7472			-.2	10	25	50	75	90	95	98	99	1	2	6.63		
						1.8	3.3	5.5	8.3	12.2	15.6	21.2	27.1	83.0	74.6				

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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	
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2016	0	90	310	1	1	.7	10	25	50	75	90	95	98	99		1	2	6.58
							11.6	12.0	15.3	17.0	20.3	31.2	46.1	46.1		46.1	31.2	

FREQUENCY DISTRIBUTION REPORT

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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:
 Utm Northing:
 Utm Easting:
 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 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)			
2016	0	96	188	5	5	1.2	10	25	50	75	90	95	98	99		1	2	8.08
								2.7	3.6	5.8	8.6	16.0	23.8	37.5	48.9		51.8	48.9
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2016	0	98	8641			-0.7	10	25	50	75	90	95	98	99		1	2	8.07
								1.9	3.6	6.3	10.2	15.9	20.7	29.6	40.5		79.8	61.1
88101-PM2.5 - Local Conditions		3		1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2016	0	98	359	3	3	.9	10	25	50	75	90	95	98	99		1	2	8.03
								2.8	4.5	6.7	10.1	13.7	18.4	24.7	34.7		44.7	44.1

FREQUENCY DISTRIBUTION REPORT

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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	Min Obs	Percentages										Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2016	0	92	8059			.0	10	25	50	75	90	95	98	99		1	2	5.93
							1.9	3.2	4.4	6.6	11.1	17.4	24.1	27.4		38.0	36.7	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2016	0	91	332	0	0	.8	10	25	50	75	90	95	98	99		1	2	5.90
							2.3	3.5	4.5	6.2	9.9	17.4	23.4	25.4		30.0	28.7	

FREQUENCY DISTRIBUTION REPORT

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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:
 Utm Northing:
 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	
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)	
2016	0	93	182	2	2	1.2	10	25	50	75	90	95	98	99		1	2	7.24
							2.5	3.4	5.2	8.4	14.1	20.8	30.7	35.7		50.4	35.7	

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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
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)					
2016	0	96	350	9	9	.2	10	25	50	75	90	95	98	99	1	2	8.20		
									2.5	3.6	5.8	8.8	16.5	24.8	42.0	52.4	59.1	58.9	
88101-PM2.5 - Local Conditions	4				1113				Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation	2	1 HOUR	0	Micrograms/cubic meter (LC)					
2016	0	97	8518			.1	10	25	50	75	90	95	98	99	1	2	8.12		
									2.2	3.4	5.5	8.7	15.6	25.5	41.3	51.6	198.5	125.7	
88101-PM2.5 - Local Conditions	4				1113							24-HR BLK AVG	0	Micrograms/cubic meter (LC)					
2016	0	96	353	7	7	1.7	10	25	50	75	90	95	98	99	1	2	8.08		
									3.1	3.8	5.9	8.2	14.6	23.0	34.4	47.0	59.3	56.2	
88101-PM2.5 - Local Conditions	5				1113				Thermo Scientific TEOM 1405-DF Dichotomous FDMS	FDMS Gravimetric	2	1 HOUR	0	Micrograms/cubic meter (LC)					
2016	0	99	8683			-10.0	10	25	50	75	90	95	98	99	1	2	7.97		
									1.4	3.0	5.2	8.6	16.2	28.2	44.8	52.9	204.1	174.8	
88101-PM2.5 - Local Conditions	5				1113							24-HR BLK AVG	0	Micrograms/cubic meter (LC)					
2016	0	99	364	10	10	.7	10	25	50	75	90	95	98	99	1	2	7.91		
									2.8	3.7	5.1	7.8	16.6	25.2	38.4	48.5	57.8	56.9	

FREQUENCY DISTRIBUTION REPORT

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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	0	Micrograms/cubic meter (LC)		
2016	0	88	322	11	11	1.1	10	25	50	75	90	95	98	99	1	2	9.62
							3.0	4.2	6.8	10.6	20.3	27.0	43.2	53.3	64.8	57.0	
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)		
2016	0	74	36	1	1	1.8	10	25	50	75	90	95	98	99	1	2	8.79
							3.4	5.2	6.6	11.0	21.4	26.6	38.5	38.5	38.5	26.6	

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
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific TEOM 1405-DF Dichotomous FDMS						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2016	0	85	7460			-10.0	10	25	50	75	90	95	98	99	1	2	4.54
								-0.2	1.3	3.2	5.5	8.5	12.2	29.3	40.1	151.3	79.9
88101-PM2.5 - Local Conditions		3		1113		24-HR BLK AVG							24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2016	0	84	308	4	4	.1	10	25	50	75	90	95	98	99	1	2	4.47
								1.2	2.0	3.2	4.7	6.9	10.3	24.9	41.6	47.8	45.4

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-045-0004
 County: Tooele
 City: Erda
 Support Agency: 1113
 Address: 2163 W. Erda Way

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

Latitude: +40.600532
 Longitude: -112.353414
 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	
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)			
2016	0	88	190	2	2	.8	10	25	50	75	90	95	98	99		1	2	6.91
							2.5	3.4	5.3	8.7	14.5	19.7	30.9	38.2		43.3	38.2	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2016	0	89	7848			.6	10	25	50	75	90	95	98	99		1	2	5.12
							1.6	2.3	3.9	6.4	9.8	12.2	16.3	22.2		62.5	62.1	
88101-PM2.5 - Local Conditions		3		1113		24-HR BLK AVG								0	Micrograms/cubic meter (LC)			
2016	0	89	325	0	0	.8	10	25	50	75	90	95	98	99		1	2	5.07
							1.9	2.5	4.3	6.5	9.5	10.7	13.0	17.1		34.9	24.8	

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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	Min	Obs	Percentages									Maximum Values	Arith Mean
88101-PM2.5 - Local Conditions		4		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)		
2016	0	73	6411			.8	10	25	50	75	90	95	98	99		1	2	6.00
						2.0	2.6	4.0	6.6	12.1	18.4	27.3	33.1			50.4	47.8	
88101-PM2.5 - Local Conditions		4		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2016	0	73	266	0	0	1.2	10	25	50	75	90	95	98	99		1	2	5.96
						2.4	2.9	4.2	6.6	11.4	18.6	24.9	28.7			29.9	29.6	

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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	
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)	
2016	0	93	342	8	8	1.0	10	25	50	75	90	95	98	99	1	2	8.33
							2.8	4.1	6.1	8.6	14.7	25.9	39.2	49.8	67.2	53.0	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific TEOM 1405-DF Dichotomous FDMS Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)	
2016	0	71	6228			-8.9	10	25	50	75	90	95	98	99	1	2	6.02
							.0	1.6	4.0	7.3	12.6	20.9	33.6	46.3	70.5	69.8	
88101-PM2.5 - Local Conditions		3		1113			Beta Attenuation						2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2016	0	70	255	6	6	-.6	10	25	50	75	90	95	98	99	1	2	5.98
							1.7	2.6	4.1	5.9	10.6	21.1	35.8	40.6	52.6	45.6	

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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	Percentages						Min Obs			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)		
2016	0	75	274	1	1	.8	10	25	50	75	90	95	98	99	1	2	8.28
						2.7	4.0	6.5	10.6	15.3	20.8	27.7	33.0		41.0	35.3	
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)		
2016	0	72	42	0	0	1.6	10	25	50	75	90	95	98	99	1	2	7.05
						4.7	5.3	6.4	10.6	16.5	17.2	19.5	19.5		19.5	17.2	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific TEOM 1405-DF Dichotomous FDMS						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2016	0	70	6149			-10.0	10	25	50	75	90	95	98	99	1	2	5.95
						.7	2.1	4.0	6.4	11.1	21.4	35.0	46.1		77.5	74.6	
88101-PM2.5 - Local Conditions		3		1113									24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2016	0	69	254	7	7	.0	10	25	50	75	90	95	98	99	1	2	5.88
						2.0	2.9	4.0	5.6	9.3	20.9	36.3	38.1		52.8	41.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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: NOT IN AN URBAN AREA
 Location Setting: SUBURBAN
 Land Use: INDUSTRIAL

Latitude: +40.136336
 Longitude: -111.660502
 UTM Zone:
 Utm Northing:
 Utm Easting:
 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						2	24 HOUR	0	Micrograms/cubic meter (LC)		
2016	0	92	179	2	2	.8	10	25	50	75	90	95	98	99		1	2	7.02
							2.2	3.2	5.2	7.2	13.6	24.5	29.2	41.0		41.2	41.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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
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)			
2016	0	95	116	0	0	1.1	10	25	50	75	90	95	98	99		1	2	3.88	
								1.9	2.6	3.6	4.8	6.3	7.3	8.4	9.4		9.4	9.4	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)			
2016	0	81	7087			.1	10	25	50	75	90	95	98	99		1	2	5.37	
								2.2	2.6	4.1	6.7	10.0	13.0	18.1	21.8		64.9	58.2	
88101-PM2.5 - Local Conditions		3		1113		24-HR BLK AVG									0	Micrograms/cubic meter (LC)			
2016	0	80	294	0	0	.9	10	25	50	75	90	95	98	99		1	2	5.28	
								2.6	3.2	4.6	6.6	8.7	10.6	14.1	15.9		20.3	17.6	

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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
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)		
2016	0	86	316	10	10	1.0	10	25	50	75	90	95	98	99	1	2	9.05
								2.9	4.4	6.7	10.0	17.0	25.8	39.0	42.8	49.2	46.2
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific TEOM 1405-DF Dichotomous FDMS						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2016	0	48	4197			-10.0	10	25	50	75	90	95	98	99	1	2	5.07
								.0	2.1	4.4	7.2	10.6	13.2	18.4	24.4	95.9	93.2
88101-PM2.5 - Local Conditions		3		1113		24-HR BLK AVG								0	Micrograms/cubic meter (LC)		
2016	0	47	172	0	0	-.4	10	25	50	75	90	95	98	99	1	2	5.06
								2.0	3.5	4.7	6.3	8.0	9.7	11.6	13.8	14.6	13.8