

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
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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
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

Apr. 18, 2017

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	Percentages											Maximum Values	Arith Mean		
							Min	Obs													
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	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								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								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								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			- .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	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

Apr. 18, 2017

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	Percentages					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	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									Maximum Values	Arith Mean		
						Min	Obs											
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						Gravimetric	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	Percentages						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	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		