

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1732657

Report Code: AMP230

Apr. 2, 2019

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
2018	2018

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 2012
SO2 1-hour 2010

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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	1	Micrograms/cubic meter (LC)			
2018	0	99	361	0	0	.7	10	25	50	75	90	95	98	99		1	2	6.89
						1.7	2.7	4.9	8.9	14.4	18.9	26.1	32.1			35.1	34.9	
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)			
2018	1	99	362	1	1	.7	10	25	50	75	90	95	98	99		1	2	6.98
						1.7	2.7	5.0	9.0	15.0	19.0	26.2	32.3			39.2	35.1	
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)			
2018	1	99	362	1	1	.7	10	25	50	75	90	95	98	99		1	2	6.98
						1.7	2.7	5.0	9.0	15.0	19.0	26.2	32.3			39.2	35.1	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	1	Micrograms/cubic meter (LC)			
2018	0	98	8586			-.1	10	25	50	75	90	95	98	99		1	2	8.50
						1.7	3.4	6.3	10.8	17.7	23.3	32.2	37.7			76.3	72.0	

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Apr. 2, 2019

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:
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 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		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	24	98	8610			- .1	10	25	50	75	90	95	98	99		1	2	8.59
							1.7	3.4	6.3	10.8	17.9	23.8	33.4	38.2			76.3	72.0
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	24	98	8610			- .1	10	25	50	75	90	95	98	99		1	2	8.59
							1.7	3.4	6.3	10.8	17.9	23.8	33.4	38.2			76.3	72.0
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2018	0	98	358	3	3	1.1	10	25	50	75	90	95	98	99		1	2	8.47
							2.4	4.1	6.7	10.3	17.0	21.2	29.6	34.5			39.1	38.1
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2018	0	98	359	4	4	1.1	10	25	50	75	90	95	98	99		1	2	8.56
							2.5	4.1	6.7	10.4	17.2	21.9	30.5	37.7			39.1	38.5
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	5	Micrograms/cubic meter (LC)	
2018	0	98	359	4	4	1.1	10	25	50	75	90	95	98	99		1	2	8.56
							2.5	4.1	6.7	10.4	17.2	21.9	30.5	37.7			39.1	38.5

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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						2	24 HOUR	1	Micrograms/cubic meter (LC)		
2018	0	89	324	1	1	.6	10	25	50	75	90	95	98	99	1	2	7.36
						1.9	3.2	4.9	8.8	16.1	23.0	28.9	30.5		37.3	31.7	
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)		
2018	2	89	326	3	3	.6	10	25	50	75	90	95	98	99	1	2	7.58
						2.1	3.2	4.9	8.9	16.2	24.0	29.7	31.7		45.8	40.3	
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)		
2018	2	89	326	3	3	.6	10	25	50	75	90	95	98	99	1	2	7.58
						2.1	3.2	4.9	8.9	16.2	24.0	29.7	31.7		45.8	40.3	
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)		
2018	0	93	57	1	1	1.0	10	25	50	75	90	95	98	99	1	2	7.42
						1.9	2.8	4.6	8.8	16.5	20.8	33.8	45.0		45.0	33.8	

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 Utm Northing:
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 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	1	Micrograms/cubic meter (LC)	
2018	0	99	8592			-10.0	10	25	50	75	90	95	98	99		1	2	7.13
							.7	2.5	5.0	9.2	16.7	23.1	30.0	34.2		66.2	53.4	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific TEOM 1405-DF Dichotomous FDMS							2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	46	99	8638			-10.0	10	25	50	75	90	95	98	99		1	2	7.32
							.8	2.6	5.1	9.4	17.1	23.7	30.9	36.6		78.7	76.8	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific TEOM 1405-DF Dichotomous FDMS							2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	46	99	8638			-10.0	10	25	50	75	90	95	98	99		1	2	7.32
							.8	2.6	5.1	9.4	17.1	23.7	30.9	36.6		78.7	76.8	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific TEOM 1405-DF Dichotomous FDMS								24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2018	0	99	359	1	1	-2.3	10	25	50	75	90	95	98	99		1	2	7.07
							2.0	3.1	5.0	8.4	14.6	21.2	26.1	29.7		36.9	35.4	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific TEOM 1405-DF Dichotomous FDMS								24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2018	0	99	361	3	3	-2.3	10	25	50	75	90	95	98	99		1	2	7.27
							2.0	3.1	5.1	8.7	14.9	22.3	27.9	35.4		43.7	40.2	

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Site ID: 49-005-0007
 County: Cache
 City: Smithfield
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 Address: 675 West 220 North

AQCR: UTAH
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
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Latitude: +41.842649
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 UTM Zone:
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 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										24-HR BLK AVG	5	Micrograms/cubic meter (LC)			
2018	0	99	361	3	3	-2.3	10	25	50	75	90	95	98	99	1	2	7.27		
							2.0	3.1	5.1	8.7	14.9	22.3	27.9	35.4		43.7	40.2		
88101-PM2.5 - Local Conditions		4		1113			Thermo Scientific Model 5030 SHARP w/VSCC							Beta Attenuation	2	1 HOUR	1	Micrograms/cubic meter (LC)	
2018	0	100	8179			.0	10	25	50	75	90	95	98	99	1	2	8.89		
							1.4	3.1	6.0	11.5	20.7	27.7	34.9	38.5		52.6	51.8		
88101-PM2.5 - Local Conditions		4		1113			Thermo Scientific Model 5030 SHARP w/VSCC							Beta Attenuation	2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	48	100	8227			.0	10	25	50	75	90	95	98	99	1	2	9.11		
							1.5	3.2	6.1	11.8	21.2	28.5	36.2	41.6		75.9	75.8		
88101-PM2.5 - Local Conditions		4		1113			Thermo Scientific Model 5030 SHARP w/VSCC							Beta Attenuation	2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	48	100	8227			.0	10	25	50	75	90	95	98	99	1	2	9.11		
							1.5	3.2	6.1	11.8	21.2	28.5	36.2	41.6		75.9	75.8		
88101-PM2.5 - Local Conditions		4		1113											24-HR BLK AVG	1	Micrograms/cubic meter (LC)		
2018	0	100	340	3	3	.5	10	25	50	75	90	95	98	99	1	2	8.88		
							22.3	23.3	26.3	32.9	33.8	41.1	43.2	43.2		43.2	41.1		

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 Land Use: RESIDENTIAL

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 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	2	Micrograms/cubic meter (LC)	
2018	0	100	342	5	5	.5	10	25	50	75	90	95	98	99	1	2	9.10
							22.5	24.0	29.0	33.4	41.1	43.5	48.6	48.6		48.6	43.5
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	5	Micrograms/cubic meter (LC)	
2018	0	100	342	5	5	.5	10	25	50	75	90	95	98	99	1	2	9.10
							22.5	24.0	29.0	33.4	41.1	43.5	48.6	48.6		48.6	43.5
88101-PM2.5 - Local Conditions		5		1113			Thermo Scientific Model 5030 SHARP w/VSCC			Beta Attenuation			2	1 HOUR	1	Micrograms/cubic meter (LC)	
2018	0	81	7017			-1.5	10	25	50	75	90	95	98	99	1	2	8.47
							1.6	3.2	5.8	10.8	19.9	25.7	32.0	35.5		49.8	48.8
88101-PM2.5 - Local Conditions		5		1113			Thermo Scientific Model 5030 SHARP w/VSCC			Beta Attenuation			2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	48	81	7065			-1.5	10	25	50	75	90	95	98	99	1	2	8.72
							1.6	3.3	5.9	11.0	20.4	26.5	33.0	37.1		76.2	76.1
88101-PM2.5 - Local Conditions		5		1113			Thermo Scientific Model 5030 SHARP w/VSCC			Beta Attenuation			2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	48	81	7065			-1.5	10	25	50	75	90	95	98	99	1	2	8.72
							1.6	3.3	5.9	11.0	20.4	26.5	33.0	37.1		76.2	76.1

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 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		5		1113											24-HR BLK AVG	1	Micrograms/cubic meter (LC)			
2018	0	81	293	1	1	.5	10	25	50	75	90	95	98	99		1	2	8.42		
							2.2	3.9	5.9	10.8	18.6	24.6	30.9	31.7			41.2	32.4		
88101-PM2.5 - Local Conditions		5		1113											24-HR BLK AVG	2	Micrograms/cubic meter (LC)			
2018	0	81	295	3	3	.5	10	25	50	75	90	95	98	99		1	2	8.67		
							2.4	4.0	6.0	11.1	19.1	25.0	31.6	41.2			48.1	41.4		
88101-PM2.5 - Local Conditions		5		1113											24-HR BLK AVG	5	Micrograms/cubic meter (LC)			
2018	0	81	295	3	3	.5	10	25	50	75	90	95	98	99		1	2	8.67		
							2.4	4.0	6.0	11.1	19.1	25.0	31.6	41.2			48.1	41.4		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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	1	Micrograms/cubic meter (LC)			
2018	0	98	355	0	0	.8	10	25	50	75	90	95	98	99		1	2	7.86
						2.2	3.4	5.7	10.3	16.5	21.4	25.6	29.5		32.5	31.2		
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)			
2018	1	98	356	1	1	.8	10	25	50	75	90	95	98	99		1	2	7.95
						2.2	3.5	5.8	10.4	16.5	21.6	25.7	30.6		38.3	32.5		
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)			
2018	1	98	356	1	1	.8	10	25	50	75	90	95	98	99		1	2	7.95
						2.2	3.5	5.8	10.4	16.5	21.6	25.7	30.6		38.3	32.5		
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	1	Micrograms/cubic meter (LC)			
2018	0	94	8169			-2.9	10	25	50	75	90	95	98	99		1	2	7.33
						1.3	2.8	5.5	9.3	15.0	20.2	29.5	35.2		176.8	156.7		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	24	94	8193			-2.9	10	25	50	75	90	95	98	99		1	2	7.43
							1.3	2.9	5.6	9.3	15.2	20.8	30.5	37.4		176.8	156.7	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	24	94	8193			-2.9	10	25	50	75	90	95	98	99		1	2	7.43
							1.3	2.9	5.6	9.3	15.2	20.8	30.5	37.4		176.8	156.7	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2018	0	93	338	0	0	.4	10	25	50	75	90	95	98	99		1	2	7.22
							1.9	3.5	5.7	9.1	14.0	18.4	25.4	31.9		33.8	33.8	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2018	0	93	339	1	1	.4	10	25	50	75	90	95	98	99		1	2	7.32
							1.9	3.6	5.8	9.2	14.6	18.9	27.2	32.1		42.0	33.8	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	5	Micrograms/cubic meter (LC)	
2018	0	93	339	1	1	.4	10	25	50	75	90	95	98	99		1	2	7.32
							1.9	3.6	5.8	9.2	14.6	18.9	27.2	32.1		42.0	33.8	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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	Percentages								Maximum Values	Arith Mean	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	1	Micrograms/cubic meter (LC)	
2018	0	98	8519			.0	10	25	50	75	90	95	98	99	1	2	6.55
							1.5	2.8	4.7	7.9	13.1	17.6	26.4	32.3		96.1	73.1
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	72	98	8591			.0	10	25	50	75	90	95	98	99	1	2	6.81
							1.6	2.8	4.8	8.0	13.4	18.2	28.6	37.2		137.3	135.5
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	72	98	8591			.0	10	25	50	75	90	95	98	99	1	2	6.81
							1.6	2.8	4.8	8.0	13.4	18.2	28.6	37.2		137.3	135.5
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2018	0	98	355	1	1	.3	10	25	50	75	90	95	98	99	1	2	6.50
							2.1	3.4	4.9	7.9	12.3	16.7	21.8	23.9		36.0	27.1
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2018	0	98	358	3	3	.3	10	25	50	75	90	95	98	99	1	2	6.75
							2.3	3.5	4.9	8.1	13.0	18.3	23.9	29.2		43.1	37.2

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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									24-HR BLK AVG	5	Micrograms/cubic meter (LC)		
2018	0	98	358	3	3	.3	10	25	50	75	90	95	98	99		1	2	6.75
							2.3	3.5	4.9	8.1	13.0	18.3	23.9	29.2		43.1	37.2	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

Utah

Site ID: 49-021-0005
 County: Iron
 City: Enoch
 Support Agency:
 Address: 3840 North 325 East

AQCR: FOUR CORNERS
 Urban Area: NOT IN AN URBAN AREA
 Location Setting: RURAL
 Land Use: RESIDENTIAL

Latitude: +37.747430
 Longitude: -113.055525
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,692.0

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		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2018	0	96	8406			.0	10	25	50	75	90	95	98	99		1	2	4.89
							1.3	2.4	4.1	6.3	9.1	11.7	15.5	17.9		46.8	39.1	
88101-PM2.5 - Local Conditions		1		1113		Thermo Scientific Model 5030 SHARP w/VSCC							24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2018	0	96	350	0	0	.6	10	25	50	75	90	95	98	99		1	2	4.85
							1.9	3.0	4.4	6.0	8.1	9.8	13.7	15.5		22.2	16.3	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

Utah

Site ID: 49-035-2005
 County: Salt Lake
 City: Midvale
 Support Agency: 1113
 Address: 8449 S. Monroe St.

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

Latitude: +40.598056
 Longitude: -111.894167
 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)			
2018	0	62	5414			-1.2	10	25	50	75	90	95	98	99		1	2	10.77	
							3.1	5.1	8.1	13.2	21.8	27.5	38.6	42.4		201.6	176.5		
88101-PM2.5 - Local Conditions		4		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2018	0	61	222	2	2	1.4	10	25	50	75	90	95	98	99		1	2	10.67	
							4.2	6.1	8.7	12.9	19.7	24.9	31.6	35.3		41.3	39.6		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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	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)		
2018	0	97	353	1	1	1.2	10	25	50	75	90	95	98	99	1	2	7.98
						2.6	3.8	5.6	9.6	16.4	22.7	28.4	32.7		37.8	35.1	
88101-PM2.5 - Local Conditions		2		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2018	0	89	7806			.1	10	25	50	75	90	95	98	99	1	2	8.57
						2.3	3.7	6.3	10.4	17.9	23.9	32.7	38.1		87.5	73.2	
88101-PM2.5 - Local Conditions		2		1113		24-HR BLK AVG							24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2018	0	88	322	0	0	1.3	10	25	50	75	90	95	98	99	1	2	8.55
						3.2	4.5	6.6	10.2	16.6	23.1	27.6	32.3		34.4	34.2	
88101-PM2.5 - Local Conditions		4		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)		
2018	0	99	8685			.0	10	25	50	75	90	95	98	99	1	2	7.92
						2.2	3.5	5.6	9.1	16.9	23.6	33.1	38.2		89.1	73.9	
88101-PM2.5 - Local Conditions		4		1113		24-HR BLK AVG							24-HR BLK AVG	0	Micrograms/cubic meter (LC)		
2018	0	99	361	1	1	.0	10	25	50	75	90	95	98	99	1	2	7.86
						2.8	3.9	5.8	9.3	15.8	22.1	26.2	32.1		37.0	34.0	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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	Percentages						Obs		Maximum	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)	
2018	0	98	357	2	2	.2	10	25	50	75	90	95	98	99	1	2	8.90
						2.8	4.0	6.4	11.4	17.8	24.9	29.4	34.0		42.5	36.9	
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)	
2018	0	100	353	3	3	1.0	10	25	50	75	90	95	98	99	1	2	9.35
						15.6	16.9	22.0	26.4	33.4	35.1	37.7	44.5		44.5	37.7	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2018	0	99	8660			.1	10	25	50	75	90	95	98	99	1	2	8.95
						1.7	3.5	6.3	11.3	20.1	26.2	34.7	41.0		115.5	81.7	
88101-PM2.5 - Local Conditions		3		1113										24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2018	0	99	361	4	4	.4	10	25	50	75	90	95	98	99	1	2	8.90
						2.9	4.4	6.6	11.2	18.7	24.2	29.2	35.7		41.5	38.3	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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		5		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	0	Micrograms/cubic meter (LC)	
2018	0	91	7973			-6.1	10	25	50	75	90	95	98	99		1	2	6.11
							.3	1.5	3.5	7.4	14.5	21.3	33.5	41.4		100.0	75.0	
88101-PM2.5 - Local Conditions		5		1113											24-HR BLK AVG	0	Micrograms/cubic meter (LC)	
2018	0	90	330	2	2	-.6	10	25	50	75	90	95	98	99		1	2	6.07
							1.1	2.3	3.9	7.9	13.7	16.8	29.0	33.4		39.6	38.6	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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		Gravimetric							2	24 HOUR	1	Micrograms/cubic meter (LC)	
2018	0	99	358	1	1	.5	10	25	50	75	90	95	98	99		1	2	7.76	
						1.6	2.7	5.1	10.9	17.4	23.0	27.6	31.0		41.9	32.4			
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC		Gravimetric							2	24 HOUR	2	Micrograms/cubic meter (LC)	
2018	3	99	361	4	4	.5	10	25	50	75	90	95	98	99		1	2	8.07	
						1.7	2.7	5.2	11.1	17.6	24.3	30.6	36.0		50.4	48.5			
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC		Gravimetric							2	24 HOUR	5	Micrograms/cubic meter (LC)	
2018	3	99	361	4	4	.5	10	25	50	75	90	95	98	99		1	2	8.07	
						1.7	2.7	5.2	11.1	17.6	24.3	30.6	36.0		50.4	48.5			
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC		Beta Attenuation							2	1 HOUR	1	Micrograms/cubic meter (LC)	
2018	0	96	8354			-5.4	10	25	50	75	90	95	98	99		1	2	7.13	
						1.3	2.4	5.0	8.9	15.0	20.5	30.2	36.6		65.3	63.8			

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	72	96	8426			-5.4	10	25	50	75	90	95	98	99		1	2	7.45
							1.4	2.5	5.1	9.1	15.6	22.3	33.6	41.8		125.9	111.6	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	72	96	8426			-5.4	10	25	50	75	90	95	98	99		1	2	7.45
							1.4	2.5	5.1	9.1	15.6	22.3	33.6	41.8		125.9	111.6	
88101-PM2.5 - Local Conditions		3		1113											24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2018	0	96	347	1	1	.3	10	25	50	75	90	95	98	99		1	2	7.10
							1.8	2.8	5.7	8.8	14.0	18.9	26.0	28.9		43.5	31.2	
88101-PM2.5 - Local Conditions		3		1113											24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2018	0	96	350	4	4	.3	10	25	50	75	90	95	98	99		1	2	7.42
							1.8	2.9	5.8	9.2	15.0	20.6	28.9	39.0		48.9	44.9	
88101-PM2.5 - Local Conditions		3		1113											24-HR BLK AVG	5	Micrograms/cubic meter (LC)	
2018	0	96	350	4	4	.3	10	25	50	75	90	95	98	99		1	2	7.42
							1.8	2.9	5.8	9.2	15.0	20.6	28.9	39.0		48.9	44.9	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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)			
2018	0	98	8562			.0	10	25	50	75	90	95	98	99		1	2	5.72
							1.5	2.6	4.2	6.8	11.3	15.7	23.0	28.0		69.9	68.4	
88101-PM2.5 - Local Conditions		4		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2018	0	97	355	0	0	.2	10	25	50	75	90	95	98	99		1	2	5.68
							2.2	3.1	4.4	6.7	10.4	14.6	19.1	22.2		27.4	26.4	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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
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)		
2018	0	96	347	4	4	1.0	10	25	50	75	90	95	98	99	1	2	7.40
							2.5	3.8	6.0	8.5	14.7	19.4	26.4	36.1	46.6	38.1	
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)		
2018	2	96	349	6	6	1.0	10	25	50	75	90	95	98	99	1	2	7.58
							2.6	3.8	6.0	8.6	14.8	19.7	28.7	38.1	46.6	39.9	
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)		
2018	2	96	349	6	6	1.0	10	25	50	75	90	95	98	99	1	2	7.58
							2.6	3.8	6.0	8.6	14.8	19.7	28.7	38.1	46.6	39.9	
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)		
2018	0	90	56	0	0	.9	10	25	50	75	90	95	98	99	1	2	6.65
							2.8	3.5	4.9	8.3	13.5	18.9	21.8	27.3	27.3	21.8	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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		5		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	1	Micrograms/cubic meter (LC)		
2018	0	100	8704			.1	10	25	50	75	90	95	98	99	1	2	6.31
						1.5	2.8	4.7	7.6	11.7	16.2	25.5	32.6		204.0	199.4	
88101-PM2.5 - Local Conditions		5		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	2	Micrograms/cubic meter (LC)		
2018	24	100	8728			.1	10	25	50	75	90	95	98	99	1	2	6.39
						1.5	2.8	4.8	7.6	11.9	16.5	26.5	34.0		204.0	199.4	
88101-PM2.5 - Local Conditions		5		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	5	Micrograms/cubic meter (LC)		
2018	24	100	8728			.1	10	25	50	75	90	95	98	99	1	2	6.39
						1.5	2.8	4.8	7.6	11.9	16.5	26.5	34.0		204.0	199.4	
88101-PM2.5 - Local Conditions		5		1113									24-HR BLK AVG	1	Micrograms/cubic meter (LC)		
2018	0	99	362	0	0	.9	10	25	50	75	90	95	98	99	1	2	6.27
						2.4	3.4	4.9	7.2	12.0	16.0	21.5	27.2		35.4	31.3	
88101-PM2.5 - Local Conditions		5		1113									24-HR BLK AVG	2	Micrograms/cubic meter (LC)		
2018	0	99	363	1	1	.9	10	25	50	75	90	95	98	99	1	2	6.35
						2.4	3.4	4.9	7.3	12.0	16.1	21.6	28.8		36.5	35.4	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

Utah

Site ID: 49-049-4001

AQCR: WASATCH FRONT

Latitude: +40.341389

County: Utah

Urban Area: PROVO-OREM, UT

Longitude: -111.713611

City: Lindon

Location Setting: SUBURBAN

UTM Zone:

Support Agency: 1113

Land Use: RESIDENTIAL

Utm Northing:

Address: 30 NORTH MAIN STREET, LINDON, UTAH

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
88101-PM2.5 - Local Conditions		5			1113									24-HR BLK AVG	5	Micrograms/cubic meter (LC)		
2018	0	99	363	1	1	.9	10	25	50	75	90	95	98	99		1	2	6.35
							2.4	3.4	4.9	7.3	12.0	16.1	21.6	28.8		36.5	35.4	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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	1	Micrograms/cubic meter (LC)		
2018	0	89	315	3	3	1.2	10	25	50	75	90	95	98	99	1	2	7.29
						2.1	3.3	5.2	8.4	14.2	18.3	27.8	32.2		46.0	37.3	
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)		
2018	11	89	326	14	14	1.2	10	25	50	75	90	95	98	99	1	2	8.97
						2.4	3.7	5.6	9.1	16.7	28.6	50.7	68.8		76.2	74.5	
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)		
2018	11	89	326	14	14	1.2	10	25	50	75	90	95	98	99	1	2	8.97
						2.4	3.7	5.6	9.1	16.7	28.6	50.7	68.8		76.2	74.5	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	1	Micrograms/cubic meter (LC)		
2018	0	88	7443			.0	10	25	50	75	90	95	98	99	1	2	6.58
						1.2	2.4	4.6	7.6	12.6	18.4	26.3	37.5		124.9	122.7	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	264	88	7707			.0	10	25	50	75	90	95	98	99		1	2	8.19
							1.5	2.7	4.8	8.1	14.8	23.1	46.8	79.6		257.4	255.3	
88101-PM2.5 - Local Conditions		3		1113			Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	264	88	7707			.0	10	25	50	75	90	95	98	99		1	2	8.19
							1.5	2.7	4.8	8.1	14.8	23.1	46.8	79.6		257.4	255.3	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	1	Micrograms/cubic meter (LC)	
2018	0	88	310	1	1	.8	10	25	50	75	90	95	98	99		1	2	6.52
							1.9	3.1	4.8	7.5	12.5	17.8	24.0	27.9		37.7	31.9	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	2	Micrograms/cubic meter (LC)	
2018	0	88	321	12	12	.8	10	25	50	75	90	95	98	99		1	2	8.14
							2.1	3.3	5.1	8.2	15.4	25.1	52.8	62.2		69.4	68.6	
88101-PM2.5 - Local Conditions		3		1113			24-HR BLK AVG								24-HR BLK AVG	5	Micrograms/cubic meter (LC)	
2018	0	88	321	12	12	.8	10	25	50	75	90	95	98	99		1	2	8.14
							2.1	3.3	5.1	8.2	15.4	25.1	52.8	62.2		69.4	68.6	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	1 HOUR	0	Micrograms/cubic meter (LC)			
2018	0	89	7767			.0	10	25	50	75	90	95	98	99		1	2	5.66
							1.4	2.6	4.5	6.8	11.3	14.6	20.1	24.2		78.5	74.0	
88101-PM2.5 - Local Conditions		3		1113		Thermo Scientific Model 5030 SHARP w/VSCC						2	24-HR BLK AVG	0	Micrograms/cubic meter (LC)			
2018	0	88	322	0	0	.3	10	25	50	75	90	95	98	99		1	2	5.60
							2.1	3.1	4.8	6.4	10.3	14.0	17.9	20.9		28.0	23.4	

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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	1	Micrograms/cubic meter (LC)
2018	0	97	353	0	0	1.0	10	25	50	75	90	95	98	99		1	2	8.02	
							2.6	4.2	6.3	10.0	15.8	20.0	24.2	28.8		32.8	31.4		
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)
2018	2	97	355	1	1	1.0	10	25	50	75	90	95	98	99		1	2	8.27	
							2.7	4.2	6.3	10.1	16.0	20.3	24.6	31.4		66.7	35.4		
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)
2018	2	97	355	1	1	1.0	10	25	50	75	90	95	98	99		1	2	8.27	
							2.7	4.2	6.3	10.1	16.0	20.3	24.6	31.4		66.7	35.4		
88101-PM2.5 - Local Conditions	5			1113					Thermo Scientific Model 5030 SHARP w/VSCC							2	1 HOUR	1	Micrograms/cubic meter (LC)
2018	0	96	8401			.3	10	25	50	75	90	95	98	99		1	2	8.41	
							1.8	3.6	6.3	10.8	17.3	22.3	29.6	35.0		120.7	114.9		

FREQUENCY DISTRIBUTION REPORT

Apr. 2, 2019

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: +41.206321
 Longitude: -111.975524
 UTM Zone:
 Utm Northing:
 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	5			1113					Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation										2	1 HOUR	2	Micrograms/cubic meter (LC)	
2018	48	96		8449			.3	10	25	50	75	90	95	98	99		1	2	8.61					
								1.9	3.6	6.4	10.9	17.5	22.7	30.4	36.8		414.5	298.2						
88101-PM2.5 - Local Conditions	5			1113					Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation										2	1 HOUR	5	Micrograms/cubic meter (LC)	
2018	48	96		8449			.3	10	25	50	75	90	95	98	99		1	2	8.61					
								1.9	3.6	6.4	10.9	17.5	22.7	30.4	36.8		414.5	298.2						
88101-PM2.5 - Local Conditions	5			1113											24-HR BLK AVG	1	Micrograms/cubic meter (LC)							
2018	0	97		351	0	0	.8	10	25	50	75	90	95	98	99		1	2	8.38					
								2.8	4.7	6.6	10.1	16.3	21.2	23.8	32.0		34.6	33.2						
88101-PM2.5 - Local Conditions	5			1113											24-HR BLK AVG	2	Micrograms/cubic meter (LC)							
2018	0	97		353	2	2	.8	10	25	50	75	90	95	98	99		1	2	8.58					
								2.9	4.7	6.7	10.2	16.6	22.0	25.3	33.2		49.4	38.3						
88101-PM2.5 - Local Conditions	5			1113											24-HR BLK AVG	5	Micrograms/cubic meter (LC)							
2018	0	97		353	2	2	.8	10	25	50	75	90	95	98	99		1	2	8.58					
								2.9	4.7	6.7	10.2	16.6	22.0	25.3	33.2		49.4	38.3						