

User ID: HPI

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 2088747

Report Code: AMP450

Mar. 22, 2023

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
--------------------------	-----------	--------	----------

QUICK LOOK

SELECTED OPTIONS

Option Type	Option Value
EVENTS PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
MERGE PDF FILES	YES
AGENCY ROLE	PQAO
WORKFILE DELIMITER	,

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2022	2022

APPLICABLE STANDARDS

Standard Description
CO 1-hour 1971
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
NO2 1-hour 2010
NO2 Annual 1971
Ozone 1-hour 1979
Ozone 8-hour 2015
PM10 24-hour 2006
PM25 24-hour 2012
PM25 Annual 2012
SO2 1-hour 2010
SO2 24-hour 1971
SO2 3-hour 1971
SO2 Annual 1971

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)

Mar. 22, 2023

EXCEPTIONAL DATA TYPES

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

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Mar. 22, 2023

PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-005-0007	1	1113	Smithfield	Cache	675 West 220 North	2022	145	361	59.5	37.2	36.2	34.9	28.1	7.52	S	0
49-005-0007	2	1113	Smithfield	Cache	675 West 220 North	2022	145	61	53.6	37.5	35.4	35.3	37.5	7.57	S	0
49-005-0007	4	1113	Smithfield	Cache	675 West 220 North	2022	184	31	61.5	41.2	39.2	37.4	61.5	8.44	S	0
49-005-0007	5	1113	Smithfield	Cache	675 West 220 North	2022	184	351	60.1	40.7	39.5	36.7	33.8	8.61	S	0
49-007-1003	5	1113	Price	Carbon	On Prperty of Resident at 351 W 2500 E. Price, Utah	2022	184	203	17.7	15.1	14.3	14.3	13.2	4.67*	S	0
49-011-0004	1	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2022	145	360	43.7	34.2	31.5	30.4	27.4	6.95	S	0
49-011-0004	3	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2022	184	363	43.6	34.2	33.3	32.6	25.4	7.18	S	0
49-013-0002	1	1113	Roosevelt	Duchesne	290 S. 1000 W.	2022	145	347	33.2	30.7	27.6	24.3	19.3	5.27		0
49-013-0002	3	1113	Roosevelt	Duchesne	290 S. 1000 W.	2022	184	352	37.9	37.3	31.3	30.5	21.4	6.22	S	0
49-013-0002	4	1113	Roosevelt	Duchesne	290 S. 1000 W.	2022	184	343	37.1	34.4	30.7	29.6	19.5	5.63	S	0
49-021-0005	1	1113	Enoch	Iron	3840 North 325 East	2022	184	352	18.1	16.9	16.4	15.4	12.4	5.69	S	0
49-035-2005	1	1113	Midvale	Salt Lake	8449 S. Monroe St.	2022	145	353	41.0	38.3	38.0	37.8	28.9	7.99	S	0
49-035-2005	4	1113	Midvale	Salt Lake	8449 S. Monroe St.	2022	184	365	41.7	41.4	40.9	37.0	30.3	8.50	S	0

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Mar. 22, 2023

PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-035-3006	1	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2022	145	348	41.9	39.3	36.1	31.4	26.5	7.36	S	0
49-035-3006	2	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2022	184	343	46.6	43.4	38.4	33.5	30.7	8.53	S	0
49-035-3006	4	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2022	184	359	41.6	38.4	38.1	29.1	27.4	7.31	S	0
49-035-3010	1	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2022	145	358	43.7	39.4	35.4	35.0	31.4	8.35	S	0
49-035-3010	2	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2022	145	61	44.1	40.0	35.7	35.1	40.0	8.28	S	0
49-035-3010	3	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2022	184	360	43.7	39.8	38.4	34.0	31.1	8.55	S	0
49-035-3013	2	1113	Herriman	Salt Lake	14058 Mirabella Dr.	2022	184	357	40.3	30.2	27.9	27.0	25.5	6.36	S	0
49-035-3013	5	1113	Herriman	Salt Lake	14058 Mirabella Dr.	2022	184	356	42.6	30.1	30.1	28.6	25.8	6.68	S	0
49-035-3014	1	1113	West Valley City	Salt Lake	2782 South Corporate Park Dr.	2022	184	307	41.4	38.0	34.9	32.6	29.6	7.68*	S	0
49-035-3015	1	1113	Salt Lake City	Salt Lake	240 N 1950 W	2022	145	348	42.5	40.4	37.1	36.0	34.4	8.51	S	0
49-035-3015	3	1113	Salt Lake City	Salt Lake	240 N 1950 W	2022	184	365	41.1	36.3	35.5	32.3	29.7	8.37	S	0
49-035-3016	1	1113	Salt Lake City	Salt Lake	1480 North 8000 West	2022	184	344	36.3	33.9	33.3	30.6	29.9	7.50	S	0
49-035-4002	1	1113	Murray	Salt Lake	4951 South	2022	184	363	44.6	43.8	41.6	38.1	33.8	9.88	S	0

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Mar. 22, 2023

PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
								CRED					PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-035-4002	3	1113	Murray	Salt Lake	Galleria Dr 4951 South	2022	145	357	41.9	40.0	38.6	38.3	32.0	9.04	S	0
49-045-0004	1	1113	Erda	Tooele	Galleria Dr 2163 W. Erda	2022	145	351	38.5	37.3	35.0	34.6	28.2	6.81	S	0
49-045-0004	3	1113	Erda	Tooele	Way 2163 W. Erda	2022	184	365	37.8	36.1	34.9	32.1	24.5	5.59	S	0
49-047-1004	1	1113	Vernal	Uintah	Way 628 North	2022	145	338	30.3	24.6	23.0	21.1	16.5	4.48	S	0
49-047-1004	4	1113	Vernal	Uintah	1700 West 628 North	2022	184	365	27.7	23.4	21.4	20.5	15.3	5.11	S	0
49-049-4001	1	1113	Lindon	Utah	1700 West 30 NORTH MAIN	2022	145	355	34.3	33.4	31.4	27.9	22.7	6.98	S	0
49-049-4001	2	1113	Lindon	Utah	STREET, LINDON, UTAH	2022	145	60	34.8	17.3	14.6	14.4	17.3	7.00	S	0
49-049-4001	5	1113	Lindon	Utah	30 NORTH MAIN	2022	184	365	36.4	34.4	32.4	30.9	23.1	7.23	S	0
49-049-5010	1	1113	Spanish Fork	Utah	STREET, LINDON, UTAH	2022	145	351	29.7	27.8	27.5	27.3	24.9	6.69	S	0
49-049-5010	3	1113	Spanish Fork	Utah	312 W. 2050	2022	184	357	31.3	31.2	30.2	29.3	24.7	7.23	S	0
49-053-0007	3	1113	Hurricane	Washington	NORTH, SPANISH FORK, UTAH	2022	184	365	26.4	21.3	19.6	16.6	13.1	5.09	S	0
49-057-1003	1	1113	Harrisville	Weber	147 N 870 W, Hurricane, Utah	2022	145	348	39.3	34.7	33.6	30.5	27.1	6.60	S	0

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Mar. 22, 2023

PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM	1ST	2ND	3RD	4TH	98TH	WTD	CERT	EDT
								CRED	MAX	MAX	MAX	MAX	PERCENTILE	ARITH	and	
49-057-1003	3	1113	Harrisville	Weber	425 W 2550 NORTH, OGDEN, UTAH	2022	184	345	43.6	38.2	32.2	31.0	26.6	6.73	S	0

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)  
Lead (TSP) LC

Mar. 22, 2023

Note: These reported values do not reflect the combination of 14129 and 85129 and validation substitution tests utilized for Design Value Calculations

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450 END)

Mar. 22, 2023

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
88101	145	R & P Model 2025 PM-2.5 Sequential Air Sample	Gravimetric
88101	184	Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation

Note: The \* indicates that the mean does not satisfy summary criteria.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450 END)

Mar. 22, 2023

PQAOS USED IN THIS REPORT

PQAO	AGENCY DESCRIPTION
1113	Utah Department Of Environmental Quality

Note: The \* indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450 END)

Mar. 22, 2023

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

Note: The \* indicates that the mean does not satisfy summary criteria.