

User ID: HPI

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 1912165

Report Code: AMP450

Mar. 16, 2021

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 |
|--------------------|-------------------------------------|
| WORKFILE DELIMITER | , |
| EVENTS PROCESSING | EXCLUDE REGIONALLY CONCURRED EVENTS |
| AGENCY ROLE | PQAO |
| MERGE PDF FILES | YES |

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 |
|------------|----------|
| 2020 | 2020 |

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 |
| NO2 Annual 1971 |
| Ozone 1-hour 1979 |
| Ozone 8-Hour 2008 |
| 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. 16, 2021

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. 16, 2021

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 | 2020 | 145 | 353 | 61.6 | 50.2 | 41.0 | 39.6 | 28.6 | 8.08 | S | 5 |
| 49-005-0007 | 2 | 1113 | Smithfield | Cache | 675 West 220 North | 2020 | 145 | 61 | 62.1 | 48.8 | 40.8 | 38.7 | 48.8 | 8.21 | S | 5 |
| 49-005-0007 | 4 | 1113 | Smithfield | Cache | 675 West 220 North | 2020 | 184 | 31 | 65.2 | 53.4 | 45.3 | 45.2 | 65.2 | 8.38 | S | 5 |
| 49-005-0007 | 5 | 1113 | Smithfield | Cache | 675 West 220 North | 2020 | 184 | 365 | 71.3 | 57.2 | 48.1 | 44.3 | 29.4 | 8.68 | | 5 |
| 49-011-0004 | 1 | 1113 | Bountiful | Davis | 171 WEST 1370 NORTH, BOUNTIFUL, UTAH | 2020 | 145 | 325 | 32.3 | 28.8 | 27.4 | 26.1 | 25.6 | 7.09 | S | 0 |
| 49-011-0004 | 3 | 1113 | Bountiful | Davis | 171 WEST 1370 NORTH, BOUNTIFUL, UTAH | 2020 | 184 | 366 | 63.8 | 46.5 | 45.3 | 41.3 | 34.0 | 9.17 | S | 5 |
| 49-013-0002 | 3 | 1113 | Roosevelt | Duchesne | 290 S. 1000 W. | 2020 | 184 | 366 | 45.3 | 44.6 | 44.3 | 37.0 | 23.2 | 7.46 | S | 0 |
| 49-013-0002 | 4 | 1113 | Roosevelt | Duchesne | 290 S. 1000 W. | 2020 | 184 | 306 | 43.1 | 39.9 | 35.3 | 35.2 | 24.1 | 5.74* | S | 0 |
| 49-021-0005 | 1 | 1113 | Enoch | Iron | 3840 North 325 East | 2020 | 184 | 366 | 28.7 | 21.6 | 19.4 | 18.1 | 16.5 | 5.38 | S | 0 |
| 49-035-2005 | 4 | 1113 | Midvale | Salt Lake | 8449 S. Monroe St. | 2020 | 184 | 363 | 49.3 | 48.7 | 40.6 | 36.9 | 31.2 | 9.22 | S | 5 |
| 49-035-3006 | 1 | 1113 | Salt Lake City | Salt Lake | 1675 SOUTH 600 EAST, SALT LAKE CITY | 2020 | 145 | 328 | 41.7 | 30.2 | 29.3 | 29.1 | 26.4 | 7.60 | S | 5 |
| 49-035-3006 | 2 | 1113 | Salt Lake City | Salt Lake | 1675 SOUTH 600 EAST, SALT LAKE CITY | 2020 | 184 | 357 | 30.9 | 30.0 | 29.3 | 29.1 | 27.0 | 7.33 | S | 0 |

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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 | 4 | 1113 | Salt Lake City | Salt Lake | 1675 SOUTH 600 EAST, SALT LAKE CITY | 2020 | 184 | 331 | 41.5 | 28.1 | 28.0 | 27.3 | 25.8 | 7.44* | S | 0 |
| 49-035-3010 | 1 | 1113 | Salt Lake City | Salt Lake | 1250 NORTH 1400 WEST | 2020 | 145 | 346 | 46.5 | 38.1 | 35.1 | 34.0 | 32.0 | 8.05 | S | 5 |
| 49-035-3010 | 2 | 1113 | Salt Lake City | Salt Lake | 1250 NORTH 1400 WEST | 2020 | 145 | 61 | 46.1 | 38.0 | 37.4 | 34.2 | 38.0 | 8.79 | S | 5 |
| 49-035-3010 | 3 | 1113 | Salt Lake City | Salt Lake | 1250 NORTH 1400 WEST | 2020 | 184 | 359 | 52.2 | 36.6 | 35.2 | 33.6 | 30.9 | 9.02 | S | 0 |
| 49-035-3013 | 2 | 1113 | Herriman | Salt Lake | 14058 Mirabella Dr. | 2020 | 184 | 364 | 44.7 | 30.1 | 29.4 | 29.2 | 24.0 | 5.68 | S | 0 |
| 49-035-3013 | 5 | 1113 | Herriman | Salt Lake | 14058 Mirabella Dr. | 2020 | 184 | 359 | 53.1 | 35.2 | 32.5 | 30.6 | 24.9 | 6.70 | S | 0 |
| 49-035-3015 | 1 | 1113 | Salt Lake City | Salt Lake | 240 N 1950 W | 2020 | 145 | 344 | 46.0 | 38.4 | 35.0 | 34.9 | 30.0 | 8.21 | S | 5 |
| 49-035-3015 | 3 | 1113 | Salt Lake City | Salt Lake | 240 N 1950 W | 2020 | 184 | 182 | 12.6 | 9.3 | 9.0 | 8.4 | 8.4 | 3.83* | S | 0 |
| 49-035-3015 | 4 | 1113 | Salt Lake City | Salt Lake | 240 N 1950 W | 2020 | 184 | 131 | 17.6 | 14.0 | 12.0 | 11.1 | 12.0 | 5.04* | S | 0 |
| 49-035-4002 | 1 | 1113 | Murray | Salt Lake | 4951 South Galleria Dr | 2020 | 184 | 356 | 138.8 | 47.3 | 39.3 | 36.9 | 32.5 | 10.52 | S | 0 |
| 49-045-0004 | 1 | 1113 | Erda | Tooele | 2163 W. Erda Way | 2020 | 145 | 337 | 65.4 | 39.8 | 38.7 | 36.0 | 25.5 | 6.90 | S | 5 |
| 49-045-0004 | 3 | 1113 | Erda | Tooele | 2163 W. Erda Way | 2020 | 184 | 355 | 71.5 | 43.5 | 40.8 | 33.6 | 28.1 | 7.06 | S | 5 |
| 49-047-1004 | 4 | 1113 | Vernal | Uintah | 628 North 1700 West | 2020 | 184 | 357 | 38.4 | 33.6 | 29.5 | 29.2 | 22.3 | 6.61 | S | 0 |
| 49-049-4001 | 1 | 1113 | Lindon | Utah | 30 NORTH MAIN STREET, LINDON, UTAH | 2020 | 145 | 317 | 45.4 | 37.5 | 32.1 | 29.8 | 26.4 | 7.84* | S | 5 |
| 49-049-4001 | 2 | 1113 | Lindon | Utah | 30 NORTH MAIN | 2020 | 145 | 55 | 34.3 | 31.6 | 24.1 | 22.9 | 31.6 | 9.07 | S | 0 |

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 QUICK LOOK REPORT (AMP450)

Mar. 16, 2021

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Utah

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24-HOUR

| SITE ID | P O C | PQAO | CITY | COUNTY | ADDRESS | YEAR | METH | NUM CRED DAYS | 1ST | 2ND | 3RD | 4TH | 98TH | WTD | CERT | EDT |
|-------------|-------------|--------|--------------|------------|---|------|------|---------------------|------|------|------|------|---------------------|---------------|-------------|-----|
| | | | | | | | | | MAX | MAX | MAX | MAX | PERCENTILE VALUE | ARITH MEAN | and EVAL | |
| 49-049-4001 | | 5 1113 | Lindon | Utah | STREET, LINDON, UTAH 30 NORTH MAIN | 2020 | 184 | 345 | 38.2 | 38.2 | 28.7 | 28.0 | 26.2 | 7.85 | S | 0 |
| 49-049-5010 | | 1 1113 | Spanish Fork | Utah | STREET, LINDON, UTAH 312 W. 2050 | 2020 | 145 | 346 | 41.4 | 37.0 | 35.1 | 30.6 | 25.4 | 7.23 | S | 5 |
| 49-049-5010 | | 3 1113 | Spanish Fork | Utah | NORTH, SPANISH FORK, UTAH 312 W. 2050 | 2020 | 184 | 363 | 39.5 | 34.2 | 31.5 | 31.4 | 24.5 | 7.47 | S | 0 |
| 49-053-0007 | | 3 1113 | Hurricane | Washington | NORTH, SPANISH FORK, UTAH 147 N 870 W, | 2020 | 184 | 355 | 23.4 | 21.2 | 21.0 | 20.4 | 16.6 | 5.82 | S | 0 |
| 49-057-1003 | | 1 1113 | Harrisville | Weber | Hurricane, Utah 425 W 2550 | 2020 | 145 | 327 | 42.0 | 38.9 | 30.8 | 26.9 | 22.7 | 6.91 | S | 5 |
| 49-057-1003 | | 3 1113 | Harrisville | Weber | NORTH, OGDEN, UTAH 425 W 2550 | 2020 | 184 | 354 | 47.5 | 41.9 | 33.2 | 29.7 | 25.6 | 6.88 | | 5 |
| | | | | | NORTH, OGDEN, UTAH | | | | | | | | | | | |

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

Mar. 16, 2021

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. 16, 2021

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 |

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

Mar. 16, 2021

PQAOS USED IN THIS REPORT

| PQAO | AGENCY DESCRIPTION |
|------|--|
| 1113 | Utah Department Of Environmental Quality |

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

Mar. 16, 2021

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). |

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