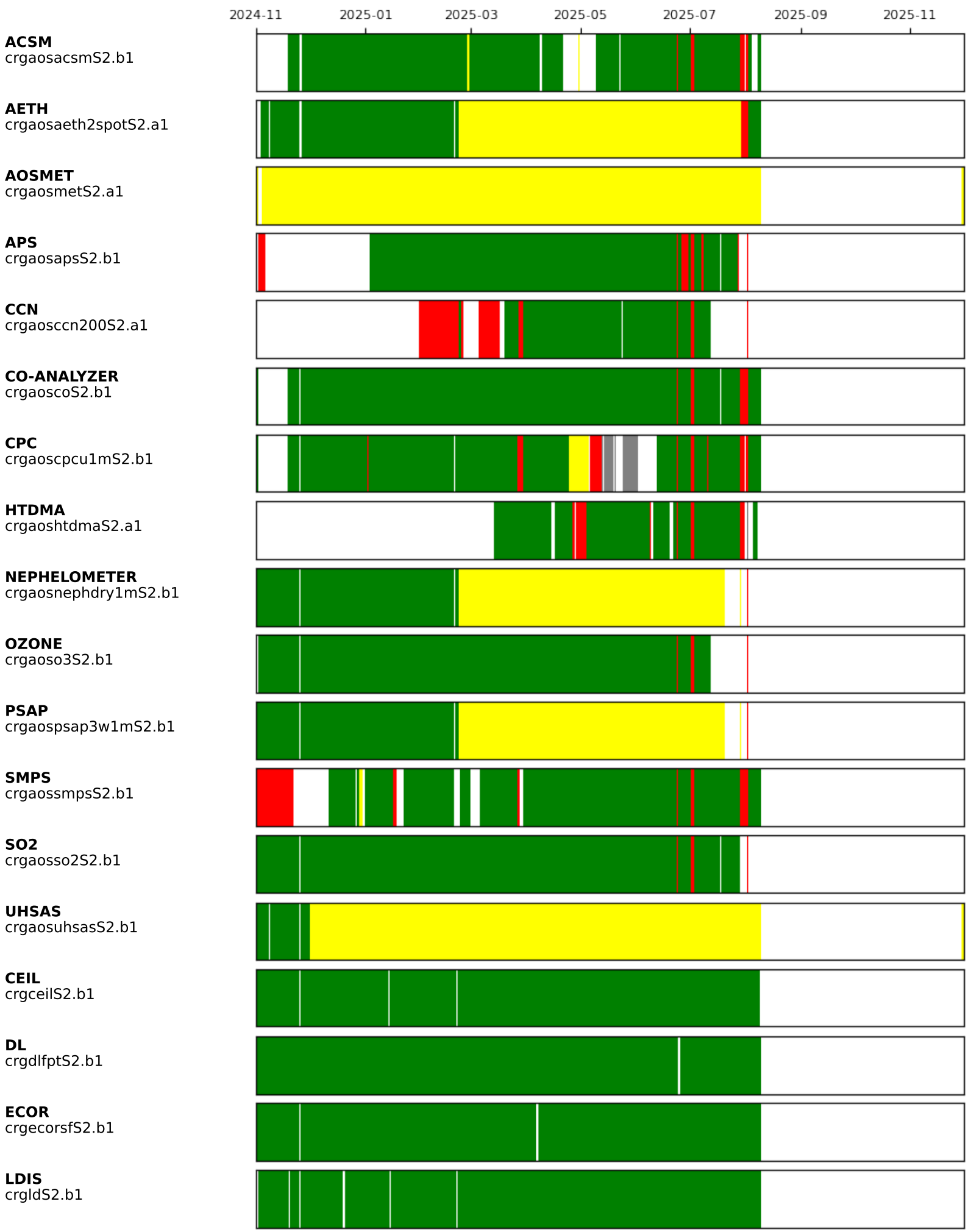
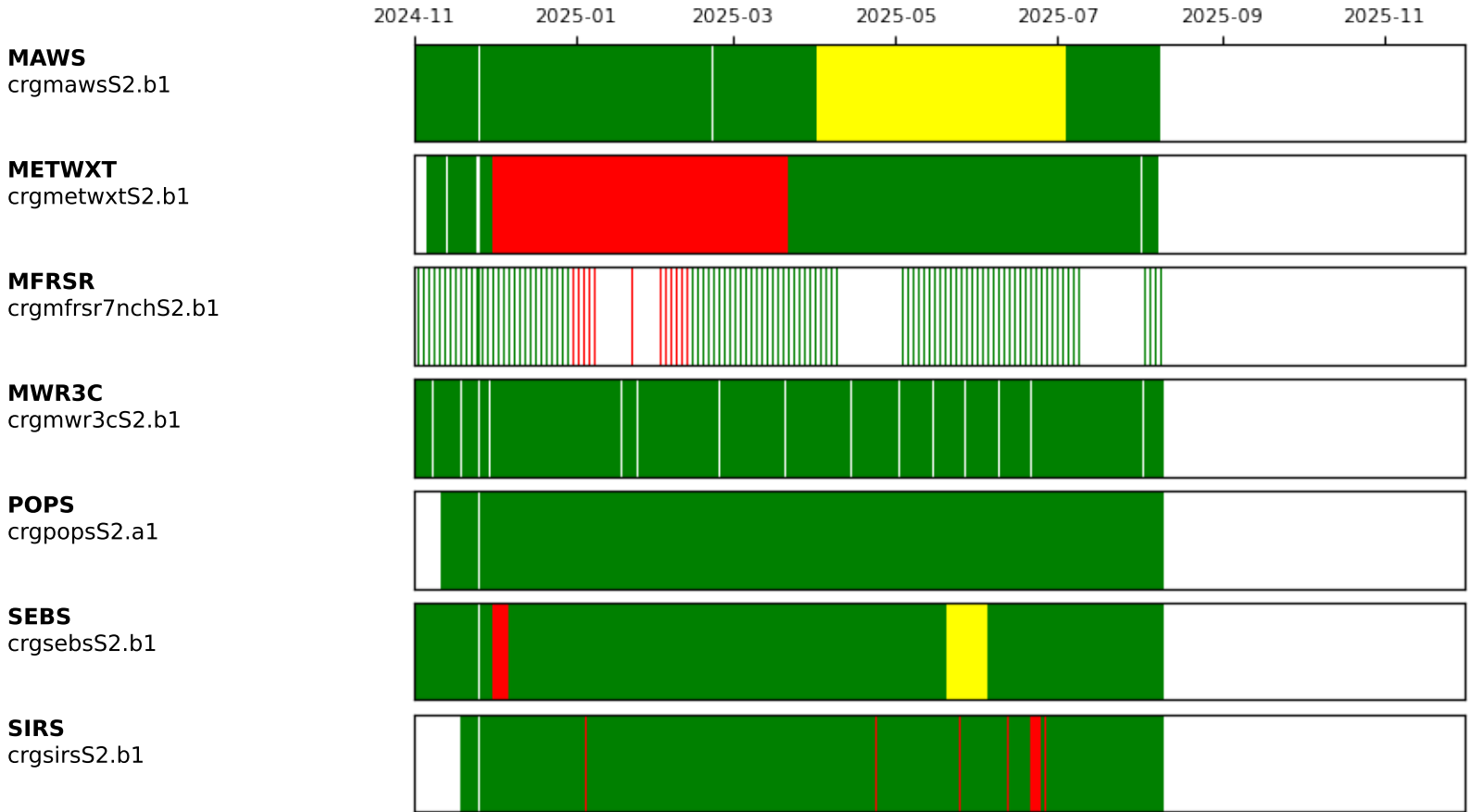


Baltimore, MD; Supplemental Facility 2 in rural setting
Atmospheric Radiation Measurement User Facility





ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|----------------------|------------|-----------|--|---------------------|---------------------|
| crgaosacsmS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosacsmS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaosacsmS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaosacsmS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosacsmS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosacsmS2.b1 | D250606.8 | Missing | Missing Data | 2025-05-02T14:22:18 | 2025-05-06T13:22:32 |
| crgaosacsmS2.b1 | D250415.8 | Missing | No Data | 2025-04-08T13:36:14 | 2025-04-09T19:08:24 |
| crgaosacsmS2.b1 | D250606.9 | Suspect | Questionable Data | 2025-04-29T16:22:45 | 2025-04-30T19:55:18 |
| crgaosacsmS2.b1 | D250227.3 | Suspect | Possible Data Contamination | 2025-02-26T20:00:00 | 2025-02-27T21:40:00 |
| crgaosaeth2spotS2.a1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T21:23:15 | 2025-07-02T04:36:00 |
| crgaosaeth2spotS2.a1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosaeth2spotS2.a1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosaeth2spotS2.a1 | D250402.1 | Incorrect | Instrument Sampling Cabin Air | 2025-02-24T18:00:00 | 2025-03-27T19:00:00 |
| crgaosaeth2spotS2.a1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosaeth2spotS2.a1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaosaeth2spotS2.a1 | D250805.1 | Suspect | Leak in Impactor System | 2025-02-22T00:00:00 | 2025-07-29T23:59:59 |
| crgaosmetS2.a1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosmetS2.a1 | D241204.6 | Suspect | AOSMET Wind Direction Offset Issue | 2024-10-24T00:00:00 | 2025-11-30T23:59:59 |
| crgaosapsS2.b1 | D250425.3 | Incorrect | Incorrect Data | 2025-04-24T15:30:00 | 2025-04-24T17:30:00 |
| crgaosapsS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaosapsS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosapsS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T21:23:15 | 2025-07-02T04:36:00 |
| crgaosapsS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosapsS2.b1 | D250123.2 | Incorrect | Incorrect Data | 2024-10-24T16:00:00 | 2024-11-06T14:00:00 |
| crgaosapsS2.b1 | D250411.5 | Incorrect | Incorrect Data | 2025-04-11T15:30:00 | 2025-04-11T16:30:00 |
| crgaosapsS2.b1 | D250728.7 | Incorrect | Incorrect Data | 2025-07-27T16:00:00 | 2025-07-28T16:00:00 |
| crgaosapsS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosapsS2.b1 | D250725.2 | Incorrect | Incorrect Data | 2025-07-07T14:30:00 | 2025-07-08T18:00:00 |
| crgaosapsS2.b1 | D250630.2 | Incorrect | Incorrect Data | 2025-06-26T14:00:00 | 2025-06-30T15:00:00 |
| crgaosapsS2.b1 | D250123.5 | Missing | Missing Data | 2024-11-06T14:00:00 | 2025-01-03T16:59:59 |

ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|-------------------|------------|-----------|--|---------------------|---------------------|
| crgaosccn200S2.a1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaosccn200S2.a1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosccn200S2.a1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosccn200S2.a1 | D250328.5 | Incorrect | Incorrect Data | 2025-01-30T20:00:00 | 2025-02-22T04:00:00 |
| crgaosccn200S2.a1 | D250410.3 | Incorrect | Incorrect Data | 2025-02-23T16:30:00 | 2025-02-24T14:56:32 |
| crgaosccn200S2.a1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosccn200S2.a1 | D250328.6 | Incorrect | Incorrect Data | 2025-01-30T19:08:00 | 2025-01-30T19:25:00 |
| crgaosccn200S2.a1 | D250410.5 | Incorrect | Incorrect Data | 2025-03-03T16:07:27 | 2025-03-16T20:00:00 |
| crgaosccn200S2.a1 | D250410.8 | Incorrect | Incorrect Data | 2025-03-27T13:00:00 | 2025-03-29T22:00:00 |
| crgaosccn200S2.a1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaosccn200S2.a1 | D250410.7 | Missing | Missing Data | 2025-03-16T20:00:00 | 2025-03-19T13:00:00 |
| crgaosccn200S2.a1 | D250328.7 | Missing | Missing Data | 2025-02-19T13:50:00 | 2025-02-19T14:54:00 |
| crgaosccn200S2.a1 | D250410.4 | Missing | Missing Data | 2025-02-24T14:56:32 | 2025-03-03T16:07:27 |
| crgaoscoS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaoscoS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaoscoS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaoscoS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaoscoS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaospcu1mS2.b1 | D250718.1 | Suspect | Suspect Data | 2025-04-25T00:00:00 | 2025-05-06T12:00:00 |
| crgaospcu1mS2.b1 | D250703.3 | Incorrect | Incorrect Data | 2025-06-26T14:45:00 | 2025-06-26T16:00:00 |
| crgaospcu1mS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaospcu1mS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaospcu1mS2.b1 | D250403.1 | Incorrect | Incorrect Data | 2025-03-27T00:00:00 | 2025-03-29T23:59:59 |
| crgaospcu1mS2.b1 | D250530.7 | Incorrect | Incorrect Data | 2025-05-06T12:00:00 | 2025-05-12T17:59:59 |
| crgaospcu1mS2.b1 | D250711.2 | Incorrect | Incorrect Data | 2025-07-10T18:30:00 | 2025-07-11T17:59:00 |
| crgaospcu1mS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaospcu1mS2.b1 | D250108.4 | Incorrect | Incorrect Data | 2025-01-02T00:00:00 | 2025-01-02T15:00:00 |
| crgaospcu1mS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaospcu1mS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaospcu1mS2.b1 | D250523.7 | Missing | Missing Data | 2025-05-12T17:59:59 | 2025-06-12T14:00:00 |

ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|----------------------|------------|-----------|--|---------------------|---------------------|
| crgaoshtdmaS2.a1 | D250806.1 | Missing | Power Outage | 2025-07-31T21:12:27 | 2025-08-05T16:31:02 |
| crgaoshtdmaS2.a1 | D250623.3 | Missing | Power Outage | 2025-06-19T19:37:06 | 2025-06-21T16:10:05 |
| crgaoshtdmaS2.a1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaoshtdmaS2.a1 | D250618.1 | Incorrect | Pump Failure | 2025-06-08T23:00:00 | 2025-06-10T13:00:00 |
| crgaoshtdmaS2.a1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T21:23:15 | 2025-07-02T04:36:00 |
| crgaoshtdmaS2.a1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaoshtdmaS2.a1 | D250625.2 | Incorrect | Power Outage | 2025-06-23T23:00:00 | 2025-06-24T15:00:00 |
| crgaoshtdmaS2.a1 | D250513.3 | Incorrect | Instrument in Troubleshooting Mode | 2025-04-26T13:10:41 | 2025-05-04T15:00:00 |
| crgaoshtdmaS2.a1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaoshtdmaS2.a1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosnephdry1mS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaosnephdry1mS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosnephdry1mS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosnephdry1mS2.b1 | D250402.1 | Incorrect | Instrument Sampling Cabin Air | 2025-02-24T18:00:00 | 2025-03-27T19:00:00 |
| crgaosnephdry1mS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosnephdry1mS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaosnephdry1mS2.b1 | D250625.3 | Suspect | Sample Flow Lower than Nominal | 2025-06-23T23:00:00 | 2025-06-24T13:00:00 |
| crgaosnephdry1mS2.b1 | D250805.1 | Suspect | Leak in Impactor System | 2025-02-22T00:00:00 | 2025-07-29T23:59:59 |
| crgaosso3S2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosso3S2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosso3S2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaosso3S2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosso3S2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaospsap3w1mS2.b1 | D250715.2 | Incorrect | Invalid Absorption Measurements | 2025-07-07T07:03:00 | 2025-07-07T09:38:00 |
| crgaospsap3w1mS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T21:23:15 | 2025-07-02T04:36:00 |
| crgaospsap3w1mS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaospsap3w1mS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaospsap3w1mS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaospsap3w1mS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaospsap3w1mS2.b1 | D250402.1 | Incorrect | Instrument Sampling Cabin Air | 2025-02-24T18:00:00 | 2025-03-27T19:00:00 |

ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|---------------------|------------|-----------|--|---------------------|---------------------|
| crgaospsap3w1mS2.b1 | D250805.1 | Suspect | Leak in Impactor System | 2025-02-22T00:00:00 | 2025-07-29T23:59:59 |
| crgaossmpsS2.b1 | D250728.6 | Incorrect | Incorrect Data | 2025-07-24T12:00:00 | 2025-07-24T14:00:00 |
| crgaossmpsS2.b1 | D250404.3 | Incorrect | Incorrect Data | 2025-04-03T16:00:00 | 2025-04-03T16:59:59 |
| crgaossmpsS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaossmpsS2.b1 | D250123.9 | Incorrect | Incorrect Data | 2024-10-24T20:00:00 | 2024-11-21T17:35:01 |
| crgaossmpsS2.b1 | D250127.3 | Incorrect | Incorrect Data | 2025-01-16T17:00:00 | 2025-01-18T16:00:00 |
| crgaossmpsS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T21:23:15 | 2025-07-02T04:36:00 |
| crgaossmpsS2.b1 | D250425.3 | Incorrect | Incorrect Data | 2025-04-24T15:30:00 | 2025-04-24T17:30:00 |
| crgaossmpsS2.b1 | D250725.8 | Incorrect | Incorrect Data | 2025-07-23T04:00:00 | 2025-07-23T09:59:59 |
| crgaossmpsS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaossmpsS2.b1 | D250423.3 | Incorrect | Incorrect Data | 2025-04-18T13:00:00 | 2025-04-18T14:59:59 |
| crgaossmpsS2.b1 | D250403.1 | Incorrect | Incorrect Data | 2025-03-27T00:00:00 | 2025-03-29T23:59:59 |
| crgaossmpsS2.b1 | D250703.3 | Incorrect | Incorrect Data | 2025-06-26T14:45:00 | 2025-06-26T16:00:00 |
| crgaossmpsS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaossmpsS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaossmpsS2.b1 | D250227.4 | Missing | Missing Data | 2025-02-19T16:05:01 | 2025-02-22T17:09:59 |
| crgaossmpsS2.b1 | D250123.6 | Missing | Missing Data | 2024-11-21T17:35:01 | 2024-12-11T19:09:59 |
| crgaossmpsS2.b1 | D250307.5 | Missing | Missing Data | 2025-02-28T18:25:01 | 2025-03-05T18:49:59 |
| crgaossmpsS2.b1 | D250130.3 | Missing | Missing Data | 2025-01-18T16:00:00 | 2025-01-22T18:19:59 |
| crgaossmpsS2.b1 | D250108.5 | Missing | No Data | 2024-12-30T20:10:02 | 2024-12-31T17:31:08 |
| crgaossmpsS2.b1 | D250108.6 | Suspect | Quality Issue | 2024-12-28T16:00:00 | 2024-12-30T20:10:01 |
| crgaosso2S2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |
| crgaosso2S2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaosso2S2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaosso2S2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosso2S2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosuhsasS2.b1 | D250721.19 | Incorrect | Sample Blower Offline | 2025-07-01T18:45:27 | 2025-07-01T18:47:00 |
| crgaosuhsasS2.b1 | D250403.1 | Incorrect | Incorrect Data | 2025-03-27T00:00:00 | 2025-03-29T23:59:59 |
| crgaosuhsasS2.b1 | D250630.4 | Incorrect | Sample Blower Offline | 2025-06-29T18:25:00 | 2025-06-30T02:05:00 |
| crgaosuhsasS2.b1 | D250805.2 | Incorrect | Mentors Performing Instrument Calibrations | 2025-07-29T09:00:00 | 2025-08-02T12:00:00 |

ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|-------------------|------------|-----------|---|---------------------|---------------------|
| crgaosuhsasS2.b1 | D250717.13 | Incorrect | Bypass Blower Failure | 2025-07-02T14:52:45 | 2025-07-03T21:04:00 |
| crgaosuhsasS2.b1 | D250630.5 | Incorrect | Power Outage | 2025-06-23T22:56:00 | 2025-06-24T15:10:00 |
| crgaosuhsasS2.b1 | D250313.1 | Suspect | Artifacts in the UHSAS data above ~550 nm | 2024-12-01T00:00:00 | 2025-12-01T00:00:00 |
| crgceilS2.b1 | D250307.7 | Missing | No Data | 2025-01-13T23:59:52 | 2025-01-15T00:00:03 |
| crgecorsfS2.b1 | D250408.4 | Missing | Missing Data | 2025-04-06T14:30:01 | 2025-04-07T19:29:59 |
| crgmawsS2.b1 | D250707.3 | Suspect | Higher than Expected Temperature | 2025-04-01T15:17:55 | 2025-07-03T23:59:59 |
| crgmetwxtS2.b1 | D250310.3 | Incorrect | Incorrect Precipitation Rate Data | 2024-12-01T00:00:00 | 2025-02-25T19:47:59 |
| crgmetwxtS2.b1 | D250328.24 | Incorrect | Incorrect Cumulative Precipitation Data | 2024-12-01T00:00:00 | 2025-03-21T18:35:00 |
| crgmfrsr7nchS2.b1 | D250218.4 | Incorrect | Incorrect Data | 2025-01-22T14:21:00 | 2025-02-14T16:07:00 |
| crgmfrsr7nchS2.b1 | D250210.6 | Incorrect | Incorrect Data | 2024-12-30T12:16:00 | 2025-01-18T06:21:40 |
| crgsebsS2.b1 | D250609.7 | Suspect | Suspect Data | 2025-05-20T05:30:00 | 2025-06-04T14:30:00 |
| crgsebsS2.b1 | D241216.1 | Incorrect | Incorrect Data | 2024-12-01T00:00:00 | 2024-12-06T19:00:00 |
| crgsirsS2.b1 | D241206.1 | Incorrect | Incorrect Data | 2025-05-26T23:52:00 | 2025-05-27T00:24:52 |

ARM Data Object Identifier (DOI) Table

| Instrument | DOI |
|--------------|--|
| ACSM | Zawadowicz, M., Watson, T., Hayes, C., Allain, M., Salwen, C., & Behrens, B. Aerosol Chemical Speciation Monitor (AOSACSM), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1558768 |
| AETH | Sedlacek, A., Salwen, C., Andrews, E., & Hayes, C. Aethalometer (AOSAETH2SPOT), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1211529 |
| AOSMET | Kyroutac, J., & Tuftedal, M. Meteorological Measurements associated with the Aerosol Observing System (AOSMET), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984920 |
| APS | Singh, A., Oliveira, D., Koontz, A., Sedlacek, A., & Kuang, C. Aerodynamic Particle Sizer (AOSAPS), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1407135 |
| CCN | Koontz, A., Senum, G., Andrews, E., Uin, J., Enekwizu, O., Hayes, C., & Salwen, C. Cloud Condensation Nuclei Particle Counter (AOSCCN200), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1223287 |
| CO-ANALYZER | Koontz, A., Springston, S., & Trojanowski, R. Carbon Monoxide Analyzer (AOSCO), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1250819 |
| CPC | Flynn, C., Ermold, B., Andrews, E., Kuang, C., Hayes, C., Singh, A., & Salwen, C. Condensation Particle Counter (AOSPCF1M), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1398277 |
| HTDMA | Uin, J., Cromwel, E., Hayes, C., & Salwen, C. Humidified Tandem Differential Mobility Analyzer (AOSHTDMA), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1095581 |
| NEPHELOMETER | Uin, J., Hayes, C., & Mayol Bracero, O. Nephelometer (AOSNEPHDRY1M), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984586 |
| OZONE | Springston, S., Koontz, A., & Trojanowski, R. Ozone Monitor (AOSO3), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1346692 |
| PSAP | Ermold, B., Flynn, C., Trojanowski, R., Andrews, E., Hayes, C., Salwen, C., & Flynn, C. Particle Soot Absorption Photometer (AOSPSAP3W1M), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1225037 |
| SMPS | Kuang, C., Singh, A., Howie, J., Salwen, C., & Hayes, C. Scanning mobility particle sizer (AOSSMPS), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1476898 |
| SO2 | Trojanowski, R. Sulfur Dioxide Monitor (AOSSO2), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1250820 |
| UHSAS | Uin, J., Senum, G., Koontz, A., Flynn, C., Salwen, C., & Hayes, C. Ultra-High Sensitivity Aerosol Spectrometer (AOSUHSAS), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1409033 |
| CEIL | Zhang, D., Morris, V., & Ermold, B. Ceilometer (CEIL10M), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1497398 |
| DL | Newsom, R., Shi, Y., & Krishnamurthy, R. Doppler Lidar (DLCAL2), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025184 |
| ECOR | Sullivan, R., Cook, D., Shi, Y., Keeler, E., & Pal, S. Eddy Correlation Flux Measurement System (ECORSF), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1494128 |

ARM Data Object Identifier (DOI) Table

| Instrument | DOI |
|------------|--|
| LDIS | Zhu, Z., & Shi, Y. Laser Disdrometer (LD), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1973058 |
| MAWS | Keeler, E., Kyrouac, J., & Ermold, B. Automatic Weather Station (MAWS), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1162061 |
| METWXT | Kyrouac, J., & Shi, Y. WXT520/530 Meteorological Instrument System (METWXT), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1455447 |
| MFRSR | Hodges, G., Herrera, C., & Ermold, B. Multifilter Rotating Shadowband Radiometer (MFRSR7NCH), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1429369 |
| MWR3C | Cadeddu, M., Gibler, G., Koontz, A., & Tuftedal, M. Microwave Radiometer, 3 Channel (MWR3C), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025248 |
| POPS | Petters, S., & Petters, M. portable or printed optical particle spectrometer (POPS), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. |
| SEBS | Sullivan, R., Keeler, E., Pal, S., & Kyrouac, J. Surface Energy Balance System (SEBS), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 2 in rural setting (S2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984921 |
| SIRS | Sengupta, M., Xie, Y., Jaker, S., Yang, J., Reda, I., Andreas, A., Habte, A., & Shi, Y. Solar and Infrared Radiation Station for Downwelling and Upwelling Radiation (SIRS), 2024-11-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; AMF1 (main site for CoURAGE) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1475460 |