

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

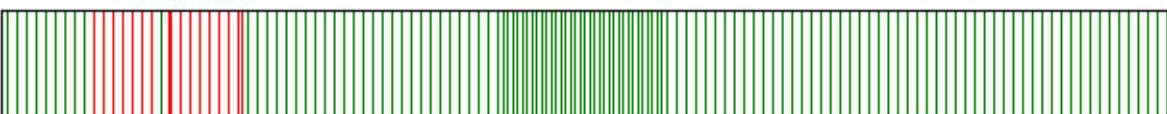


2025-01 2025-03 2025-05 2025-07 2025-09 2025-11

METWXT
crgmetwxtS2.b1



MFRSR
crgmfrsr7nchS2.b1



MWR3C
crgmwr3cS2.b1



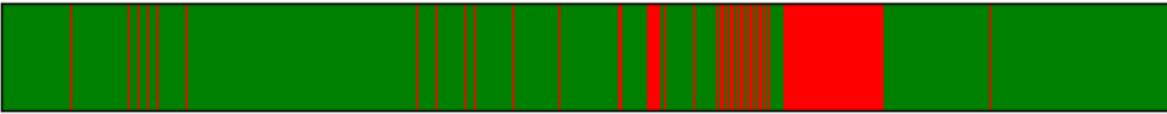
POPS
crgpopsS2.a1



SEBS
crgsebsS2.b1



SIRS
crgsirsS2.b1



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	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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	D251104.10	Incorrect	Instrument Troubleshooting Periods	2025-10-17T21:23:50	2025-10-20T16:41:33
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	D251126.3	Missing	Missing Data	2025-10-23T18:55:48	2025-10-28T18:12:13
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
crgaosaaeth2spotS2.a1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
crgaosaaeth2spotS2.a1	D250721.19	Incorrect	Sample Blower Offline	2025-07-01T21:23:15	2025-07-02T04:36:00
crgaosaaeth2spotS2.a1	D250630.4	Incorrect	Sample Blower Offline	2025-06-29T18:25:00	2025-06-30T02:05:00
crgaosaaeth2spotS2.a1	D250717.13	Incorrect	Bypass Blower Failure	2025-07-02T14:52:45	2025-07-03T21:04:00
crgaosaaeth2spotS2.a1	D250402.1	Incorrect	Instrument Sampling Cabin Air	2025-02-24T18:00:00	2025-03-27T19:00:00
crgaosaaeth2spotS2.a1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaosaaeth2spotS2.a1	D250630.5	Incorrect	Power Outage	2025-06-23T22:56:00	2025-06-24T15:10:00
crgaosaaeth2spotS2.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	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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	D250919.1	Incorrect	Incorrect Data	2025-07-27T15:00:00	2025-07-28T13:59:59
crgaosapsS2.b1	D250123.2	Incorrect	Incorrect Data	2024-10-24T16:00:00	2024-11-06T14:00:00

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
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
crgaosapsS2.b1	D250919.2	Missing	Missing Data	2025-07-28T13:59:59	2025-09-13T19:17:36
crgaosccn20052.a1	D250721.19	Incorrect	Sample Blower Offline	2025-07-01T18:45:27	2025-07-01T18:47:00
crgaosccn20052.a1	D250630.4	Incorrect	Sample Blower Offline	2025-06-29T18:25:00	2025-06-30T02:05:00
crgaosccn20052.a1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaosccn20052.a1	D250915.1	Incorrect	Troubleshooting Sample Flow Deviation for Column	2025-09-10T14:30:00	2025-09-10T17:30:00
crgaosccn20052.a1	D250328.5	Incorrect	Incorrect Data	2025-01-30T20:00:00	2025-02-22T04:00:00
crgaosccn20052.a1	D250410.3	Incorrect	Incorrect Data	2025-02-23T16:30:00	2025-02-24T14:56:32
crgaosccn20052.a1	D250811.8	Incorrect	Restriction in the CCN Sample Flow	2025-08-14T18:01:29	2025-08-17T15:59:59
crgaosccn20052.a1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
crgaosccn20052.a1	D250717.13	Incorrect	Bypass Blower Failure	2025-07-02T14:52:45	2025-07-03T21:04:00
crgaosccn20052.a1	D250328.6	Incorrect	Incorrect Data	2025-01-30T19:08:00	2025-01-30T19:25:00
crgaosccn20052.a1	D250905.4	Incorrect	Restriction in Sample Line	2025-09-02T00:00:00	2025-09-05T00:00:00
crgaosccn20052.a1	D250410.5	Incorrect	Incorrect Data	2025-03-03T16:07:27	2025-03-16T20:00:00
crgaosccn20052.a1	D250410.8	Incorrect	Incorrect Data	2025-03-27T13:00:00	2025-03-29T22:00:00
crgaosccn20052.a1	D250630.5	Incorrect	Power Outage	2025-06-23T22:56:00	2025-06-24T15:10:00
crgaosccn20052.a1	D250204.5	Missing	CCN Undergoing Repairs	2024-12-01T00:00:01	2025-01-30T20:00:00
crgaosccn20052.a1	D250410.7	Missing	Missing Data	2025-03-16T20:00:00	2025-03-19T13:00:00
crgaosccn20052.a1	D250811.9	Missing	CCN Offline	2025-08-08T16:54:09	2025-08-14T18:01:29
crgaosccn20052.a1	D250328.7	Missing	Missing Data	2025-02-19T13:50:00	2025-02-19T14:54:00
crgaosccn20052.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	D251022.7	Incorrect	Leak Check	2025-10-07T14:20:00	2025-10-07T21:00:00
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

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
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
crgaoscpclmS2.b1	D250718.1	Suspect	Suspect Data	2025-04-25T00:00:00	2025-05-06T12:00:00
crgaoscpclmS2.b1	D250703.3	Incorrect	Incorrect Data	2025-06-26T14:45:00	2025-06-26T16:00:00
crgaoscpclmS2.b1	D250808.11	Incorrect	Incorrect Data	2025-07-14T02:00:00	2025-07-14T12:59:59
crgaoscpclmS2.b1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaoscpclmS2.b1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
crgaoscpclmS2.b1	D250721.19	Incorrect	Sample Blower Offline	2025-07-01T18:45:27	2025-07-01T18:47:00
crgaoscpclmS2.b1	D250811.7	Incorrect	Incorrect Data	2025-07-23T01:00:00	2025-07-29T08:59:59
crgaoscpclmS2.b1	D250403.1	Incorrect	Incorrect Data	2025-03-27T00:00:00	2025-03-29T23:59:59
crgaoscpclmS2.b1	D250530.7	Incorrect	Incorrect Data	2025-05-06T12:00:00	2025-05-12T17:59:59
crgaoscpclmS2.b1	D250812.4	Incorrect	Incorrect Data	2025-08-12T02:00:00	2025-08-12T16:59:59
crgaoscpclmS2.b1	D250711.2	Incorrect	Incorrect Data	2025-07-10T18:30:00	2025-07-11T17:59:00
crgaoscpclmS2.b1	D250630.5	Incorrect	Power Outage	2025-06-23T22:56:00	2025-06-24T15:10:00
crgaoscpclmS2.b1	D250108.4	Incorrect	Incorrect Data	2025-01-02T00:00:00	2025-01-02T15:00:00
crgaoscpclmS2.b1	D250630.4	Incorrect	Sample Blower Offline	2025-06-29T18:25:00	2025-06-30T02:05:00
crgaoscpclmS2.b1	D250717.13	Incorrect	Bypass Blower Failure	2025-07-02T14:52:45	2025-07-03T21:04:00
crgaoscpclmS2.b1	D250829.3	Incorrect	Incorrect Data	2025-08-19T13:00:00	2025-08-25T15:29:59
crgaoscpclmS2.b1	D250523.7	Missing	Missing Data	2025-05-12T17:59:59	2025-06-12T14:00:00
crgaoscpclmS2.b1	D251027.3	Missing	Missing Data	2025-08-25T15:29:59	2025-10-15T19:01:45
crgaoshtdmaS2.a1	D250806.1	Missing	Power Outage	2025-07-31T21:12:21	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	D250812.2	Incorrect	Power Outage	2025-08-12T02:20:00	2025-08-12T14:00:00
crgaoshtdmaS2.a1	D250912.1	Incorrect	Instrument Offline	2025-09-08T13:00:00	2025-09-12T14:00:00
crgaoshtdmaS2.a1	D250903.2	Incorrect	Instrument Offline due to Pump Issues	2025-08-26T02:30:00	2025-09-03T16:30:00
crgaoshtdmaS2.a1	D250625.2	Incorrect	Power Outage	2025-06-23T23:00:00	2025-06-24T15:00:00

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
crgaoshtdmaS2.a1	D250814.2	Incorrect	Instrument Offline	2025-08-11T21:00:00	2025-08-14T15:00:00
crgaoshtdmaS2.a1	D250513.3	Incorrect	Instrument in Troubleshooting Mode	2025-04-26T13:10:41	2025-05-04T15:00:00
crgaoshtdmaS2.a1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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
crgaosnephdry1mS2.b1	D251211.2	Missing	Bulb Burned Out	2025-11-27T18:30:00	2025-11-29T00:00:00
crgaoso3S2.b1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaoso3S2.b1	D250910.2	Incorrect	Ozone Cell A Obstruction	2025-07-29T18:39:28	2025-08-22T14:00:00
crgaoso3S2.b1	D250630.4	Incorrect	Sample Blower Offline	2025-06-29T18:25:00	2025-06-30T02:05:00
crgaoso3S2.b1	D250721.19	Incorrect	Sample Blower Offline	2025-07-01T18:45:27	2025-07-01T18:47:00
crgaoso3S2.b1	D250717.13	Incorrect	Bypass Blower Failure	2025-07-02T14:52:45	2025-07-03T21:04:00
crgaoso3S2.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	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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	D250917.4	Incorrect	Incorrect Data	2025-08-12T02:25:00	2025-09-12T15:47:00
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
crgaosapsap3w1mS2.b1	D250805.1	Suspect	Leak in Impactor System	2025-02-22T00:00:00	2025-07-29T23:59:59
crgaossmmpsS2.b1	D251124.1	Incorrect	Incorrect Data	2025-11-19T16:30:00	2025-11-19T17:15:00
crgaossmmpsS2.b1	D250728.6	Incorrect	Incorrect Data	2025-07-24T12:00:00	2025-07-24T14:00:00
crgaossmmpsS2.b1	D250808.2	Incorrect	Incorrect Data	2025-08-06T06:00:00	2025-08-07T18:29:59
crgaossmmpsS2.b1	D250404.3	Incorrect	Incorrect Data	2025-04-03T16:00:00	2025-04-03T16:59:59
crgaossmmpsS2.b1	D250812.4	Incorrect	Incorrect Data	2025-08-12T02:00:00	2025-08-12T16:59:59
crgaossmmpsS2.b1	D250630.5	Incorrect	Power Outage	2025-06-23T22:56:00	2025-06-24T15:10:00
crgaossmmpsS2.b1	D250123.9	Incorrect	Incorrect Data	2024-10-24T20:00:00	2024-11-21T17:35:01
crgaossmmpsS2.b1	D250127.3	Incorrect	Incorrect Data	2025-01-16T17:00:00	2025-01-18T16:00:00
crgaossmmpsS2.b1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
crgaossmmpsS2.b1	D250721.19	Incorrect	Sample Blower Offline	2025-07-01T21:23:15	2025-07-02T04:36:00
crgaossmmpsS2.b1	D250425.3	Incorrect	Incorrect Data	2025-04-24T15:30:00	2025-04-24T17:30:00
crgaossmmpsS2.b1	D250725.8	Incorrect	Incorrect Data	2025-07-23T04:00:00	2025-07-23T09:59:59
crgaossmmpsS2.b1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaossmmpsS2.b1	D250423.3	Incorrect	Incorrect Data	2025-04-18T13:00:00	2025-04-18T14:59:59
crgaossmmpsS2.b1	D250403.1	Incorrect	Incorrect Data	2025-03-27T00:00:00	2025-03-29T23:59:59
crgaossmmpsS2.b1	D250703.3	Incorrect	Incorrect Data	2025-06-26T14:45:00	2025-06-26T16:00:00
crgaossmmpsS2.b1	D250630.4	Incorrect	Sample Blower Offline	2025-06-29T18:25:00	2025-06-30T02:05:00
crgaossmmpsS2.b1	D250811.2	Incorrect	Incorrect Data	2025-08-06T06:00:00	2025-08-08T18:59:59
crgaossmmpsS2.b1	D250717.13	Incorrect	Bypass Blower Failure	2025-07-02T14:52:45	2025-07-03T21:04:00
crgaossmmpsS2.b1	D251020.3	Incorrect	Incorrect Data	2025-10-15T17:30:00	2025-10-15T18:30:00
crgaossmmpsS2.b1	D250227.4	Missing	Missing Data	2025-02-19T16:05:01	2025-02-22T17:09:59
crgaossmmpsS2.b1	D250123.6	Missing	Missing Data	2024-11-21T17:35:01	2024-12-11T19:09:59
crgaossmmpsS2.b1	D250307.5	Missing	Missing Data	2025-02-28T18:25:01	2025-03-05T18:49:59
crgaossmmpsS2.b1	D250130.3	Missing	Missing Data	2025-01-18T16:00:00	2025-01-22T18:19:59
crgaossmmpsS2.b1	D250108.5	Missing	No Data	2024-12-30T20:10:01	2024-12-31T17:31:08
crgaossmmpsS2.b1	D250811.6	Suspect	Suspect Data	2025-08-03T01:00:00	2025-08-06T06:00:00
crgaossmmpsS2.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	2025-07-01T18:45:21	2025-07-01T18:47:00

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
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
crgaosuhssasS2.b1	D250721.19	Incorrect	Sample Blower Offline	2025-07-01T18:45:21	2025-07-01T18:47:00
crgaosuhssasS2.b1	D250403.1	Incorrect	Incorrect Data	2025-03-27T00:00:00	2025-03-29T23:59:59
crgaosuhssasS2.b1	D251211.3	Incorrect	Flow Issues	2025-08-30T00:00:00	2025-09-12T12:59:58
crgaosuhssasS2.b1	D250630.4	Incorrect	Sample Blower Offline	2025-06-29T18:25:00	2025-06-30T02:05:00
crgaosuhssasS2.b1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaosuhssasS2.b1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
crgaosuhssasS2.b1	D250717.13	Incorrect	Bypass Blower Failure	2025-07-02T14:52:45	2025-07-03T21:04:00
crgaosuhssasS2.b1	D250630.5	Incorrect	Power Outage	2025-06-23T22:56:00	2025-06-24T15:10:00
crgaosuhssasS2.b1	D251211.4	Missing	Instrument Offline for Repairs	2025-09-12T12:59:58	2025-12-01T00:00:00
crgaosuhssasS2.b1	D250313.1	Suspect	Artifacts in the UHSAS data above ~550 nm	2024-12-01T00:00:00	2025-12-01T00:00:00
crgeceilS2.b1	D250307.7	Missing	No Data	2025-01-13T23:59:51	2025-01-15T00:00:03
crgecorsfS2.b1	D250408.4	Missing	Missing Data	2025-04-06T14:30:01	2025-04-07T19:29:59
crgecorsfS2.b1	D251021.1	Missing	No Data	2025-10-19T15:30:01	2025-10-20T19:59:59
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
crgpopsS2.a1	D251201.4	Incorrect	Incorrect Data	2025-09-23T20:00:00	2025-11-22T16:00:00
crgpopsS2.a1	D251003.4	Incorrect	Incorrect Data	2025-06-15T04:23:00	2025-07-10T17:13:00
crgpopsS2.a1	D251021.6	Suspect	Flow Control Broken	2025-05-13T14:55:00	2025-06-15T04:23:00
crgpopsS2.a1	D251210.4	Suspect	Suspicious Data	2025-09-01T00:00:00	2025-09-23T20:00:00
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	2025-07-21T10:01:00	2025-07-22T00:31:33
crgsirsS2.b1	D250905.1	Incorrect	Incorrect Data	2025-08-02T10:30:00	2025-09-02T18:37:00

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), 2024-12-01 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), 2024-12-01 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	Kyrouac, J., & Tuftedal, M. Meteorological Measurements associated with the Aerosol Observing System (AOSMET), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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 (AOSCPCF1M), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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
ECOR	Sullivan, R., Cook, D., Shi, Y., Keeler, E., & Pal, S. Eddy Correlation Flux Measurement System (ECORSF), 2024-12-01 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
LDIS	Zhu, Z., & Shi, Y. Laser Disdrometer (LD), 2024-12-01 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

ARM Data Object Identifier (DOI) Table

Instrument	DOI
MAWS	Keeler, E., Kyrouac, J., & Ermold, B. Automatic Weather Station (MAWS), 2024-12-01 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), 2024-12-01 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., Sheffer, B., Herrera, C., & Ermold, B. Multifilter Rotating Shadowband Radiometer (MFRSR7NCH), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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), 2024-12-01 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