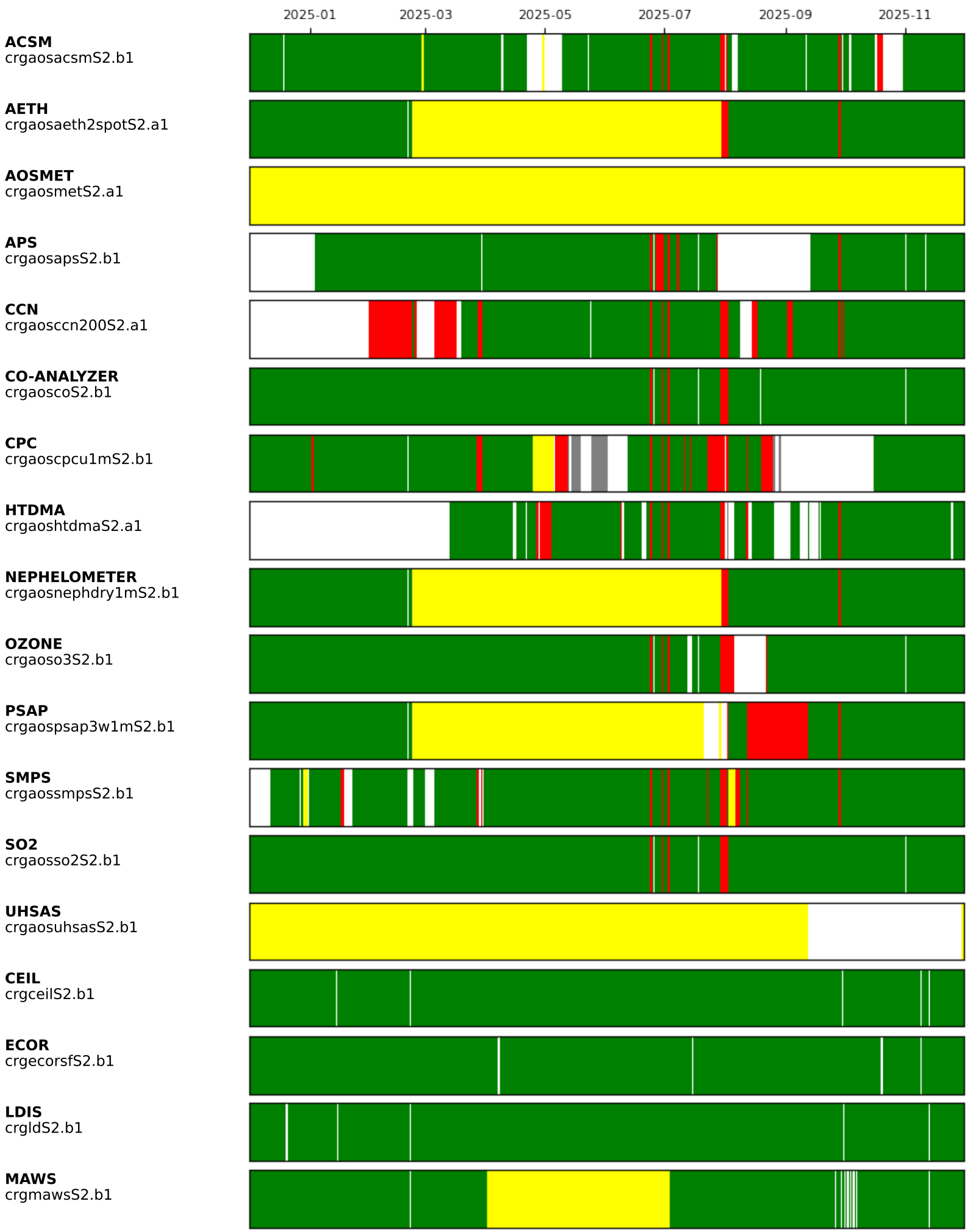
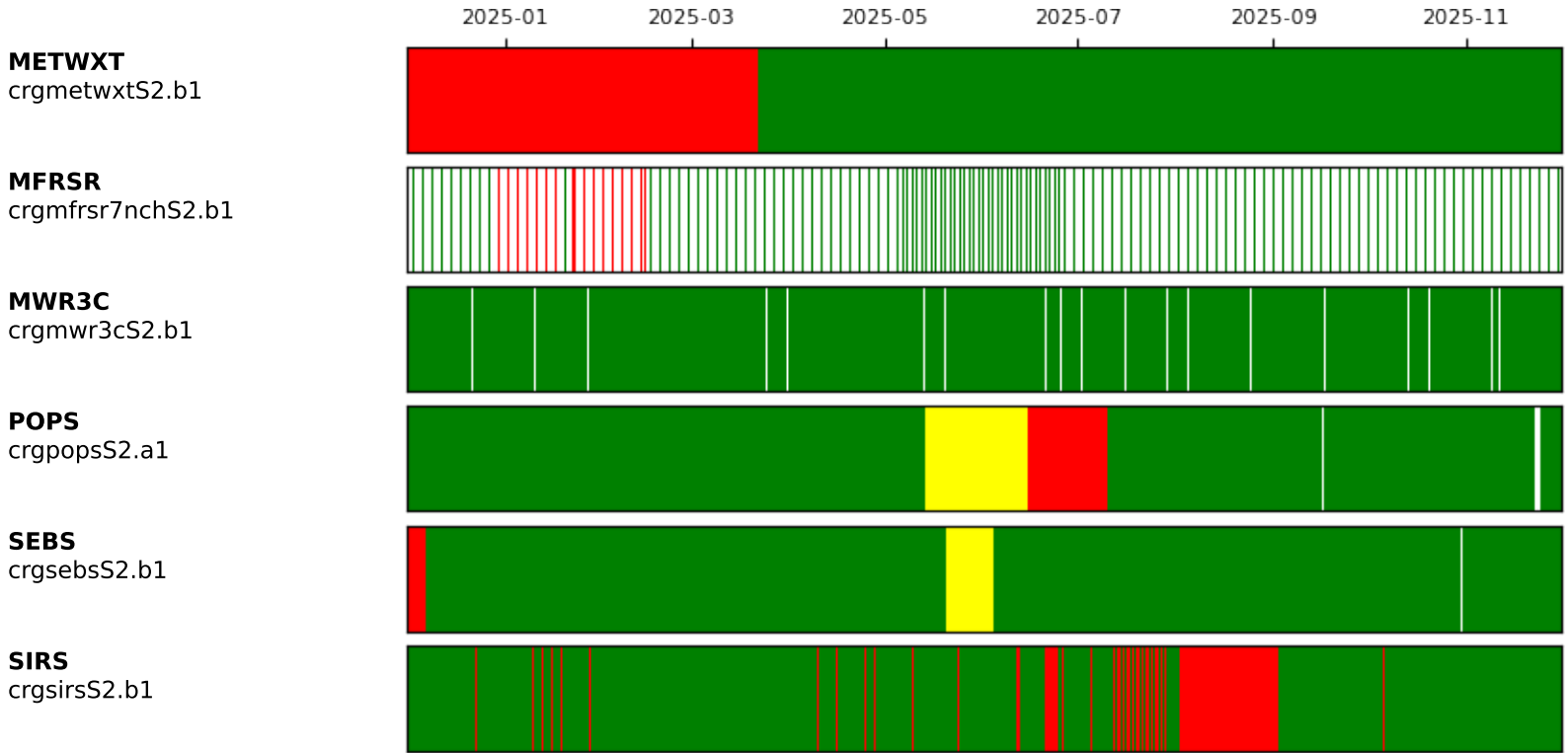


Baltimore, MD; Supplemental Facility 2 in rural setting  
Atmospheric Radiation Measurement User Facility





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	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
crgaosaeth2spotS2.a1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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	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
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	D250915.1	Incorrect	Troubleshooting Sample Flow Deviation for Column	2025-09-10T14:30:00	2025-09-10T17:30:00
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	D250811.8	Incorrect	Restriction in the CCN Sample Flow	2025-08-14T18:01:29	2025-08-17T15:59:59
crgaosccn200S2.a1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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	D250905.4	Incorrect	Restriction in Sample Line	2025-09-02T00:00:00	2025-09-05T00:00:00
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	D250204.5	Missing	CCN Undergoing Repairs	2024-12-01T00:00:00	2025-01-30T20:00:00
crgaosccn200S2.a1	D250410.7	Missing	Missing Data	2025-03-16T20:00:00	2025-03-19T13:00:00
crgaosccn200S2.a1	D250811.9	Missing	CCN Offline	2025-08-08T16:54:09	2025-08-14T18:01:29
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	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
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	D250808.11	Incorrect	Incorrect Data	2025-07-14T02:00:00	2025-07-14T12:59:59
crgaospcu1mS2.b1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaospcu1mS2.b1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
crgaospcu1mS2.b1	D250721.19	Incorrect	Sample Blower Offline	2025-07-01T18:45:27	2025-07-01T18:47:00
crgaospcu1mS2.b1	D250811.7	Incorrect	Incorrect Data	2025-07-23T01:00:00	2025-07-29T08:59:59
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	D250812.4	Incorrect	Incorrect Data	2025-08-12T02:00:00	2025-08-12T16:59:59
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	D250829.3	Incorrect	Incorrect Data	2025-08-19T13:00:00	2025-08-25T15:29:59
crgaospcu1mS2.b1	D250523.7	Missing	Missing Data	2025-05-12T17:59:59	2025-06-12T14:00:00
crgaospcu1mS2.b1	D251027.3	Missing	Missing Data	2025-08-25T15:29:59	2025-10-15T19:01:45
crgaoshtdmaS2.a1	D250806.1	Missing	Power Outage	2025-07-31T21:12:27	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	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
crgaosso3S2.b1	D250805.2	Incorrect	Mentors Performing Instrument Calibrations	2025-07-29T09:00:00	2025-08-02T12:00:00
crgaosso3S2.b1	D250910.2	Incorrect	Ozone Cell A Obstruction	2025-07-29T18:39:28	2025-08-22T14:00:00
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	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
crgaospsap3w1mS2.b1	D250805.1	Suspect	Leak in Impactor System	2025-02-22T00:00:00	2025-07-29T23:59:59

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
crgaossmpsS2.b1	D251124.1	Incorrect	Incorrect Data	2025-11-19T16:30:00	2025-11-19T17:15:00
crgaossmpsS2.b1	D250728.6	Incorrect	Incorrect Data	2025-07-24T12:00:00	2025-07-24T14:00:00
crgaossmpsS2.b1	D250808.2	Incorrect	Incorrect Data	2025-08-06T06:00:00	2025-08-07T18:29:59
crgaossmpsS2.b1	D250404.3	Incorrect	Incorrect Data	2025-04-03T16:00:00	2025-04-03T16:59:59
crgaossmpsS2.b1	D250812.4	Incorrect	Incorrect Data	2025-08-12T02:00:00	2025-08-12T16:59:59
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	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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	D250811.2	Incorrect	Incorrect Data	2025-08-06T06:00:00	2025-08-08T18:59:59
crgaossmpsS2.b1	D250717.13	Incorrect	Bypass Blower Failure	2025-07-02T14:52:45	2025-07-03T21:04:00
crgaossmpsS2.b1	D251020.3	Incorrect	Incorrect Data	2025-10-15T17:30:00	2025-10-15T18:30:00
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	D250811.6	Suspect	Suspect Data	2025-08-03T01:00:00	2025-08-06T06:00:00
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

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
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
crgaosuhsasS2.b1	D251118.3	Incorrect	Mentor Visit - No Valid Data	2025-09-28T00:00:00	2025-09-28T23:59:59
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
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	D251021.6	Suspect	Flow Control Broken	2025-05-13T14:55:00	2025-06-15T04:23:00
crgpopsS2.a1	D251003.4	Incorrect	Incorrect Data	2025-06-15T04:23:00	2025-07-10T17:13:00
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	2025-02-17T22:18:00	2025-02-17T22:48:12
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. <a href="https://doi.org/10.5439/1558768">https://doi.org/10.5439/1558768</a>
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. <a href="https://doi.org/10.5439/1211529">https://doi.org/10.5439/1211529</a>
AOSMET	Kyroutac, 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. <a href="https://doi.org/10.5439/1984920">https://doi.org/10.5439/1984920</a>
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. <a href="https://doi.org/10.5439/1407135">https://doi.org/10.5439/1407135</a>
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. <a href="https://doi.org/10.5439/1223287">https://doi.org/10.5439/1223287</a>
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. <a href="https://doi.org/10.5439/1250819">https://doi.org/10.5439/1250819</a>
CPC	Flynn, C., Ermold, B., Andrews, E., Kuang, C., Hayes, C., Singh, A., & Salwen, C. Condensation Particle Counter (AOSPCF1M), 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. <a href="https://doi.org/10.5439/1398277">https://doi.org/10.5439/1398277</a>
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. <a href="https://doi.org/10.5439/1095581">https://doi.org/10.5439/1095581</a>
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. <a href="https://doi.org/10.5439/1984586">https://doi.org/10.5439/1984586</a>
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. <a href="https://doi.org/10.5439/1346692">https://doi.org/10.5439/1346692</a>
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. <a href="https://doi.org/10.5439/1225037">https://doi.org/10.5439/1225037</a>
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. <a href="https://doi.org/10.5439/1476898">https://doi.org/10.5439/1476898</a>
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. <a href="https://doi.org/10.5439/1250820">https://doi.org/10.5439/1250820</a>
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. <a href="https://doi.org/10.5439/1409033">https://doi.org/10.5439/1409033</a>
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. <a href="https://doi.org/10.5439/1497398">https://doi.org/10.5439/1497398</a>
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. <a href="https://doi.org/10.5439/1494128">https://doi.org/10.5439/1494128</a>
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. <a href="https://doi.org/10.5439/1973058">https://doi.org/10.5439/1973058</a>

## 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. <a href="https://doi.org/10.5439/1162061">https://doi.org/10.5439/1162061</a>
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. <a href="https://doi.org/10.5439/1455447">https://doi.org/10.5439/1455447</a>
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. <a href="https://doi.org/10.5439/1429369">https://doi.org/10.5439/1429369</a>
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. <a href="https://doi.org/10.5439/1025248">https://doi.org/10.5439/1025248</a>
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. <a href="https://doi.org/10.5439/1984921">https://doi.org/10.5439/1984921</a>
SIRS	<del>Sengupta, M., Xie, Y., Jaker, S., Yang, J., Reda, I., Andreas, A., Habte, A., &amp; Shi, Y.</del> 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. <a href="https://doi.org/10.5439/1475460">https://doi.org/10.5439/1475460</a>