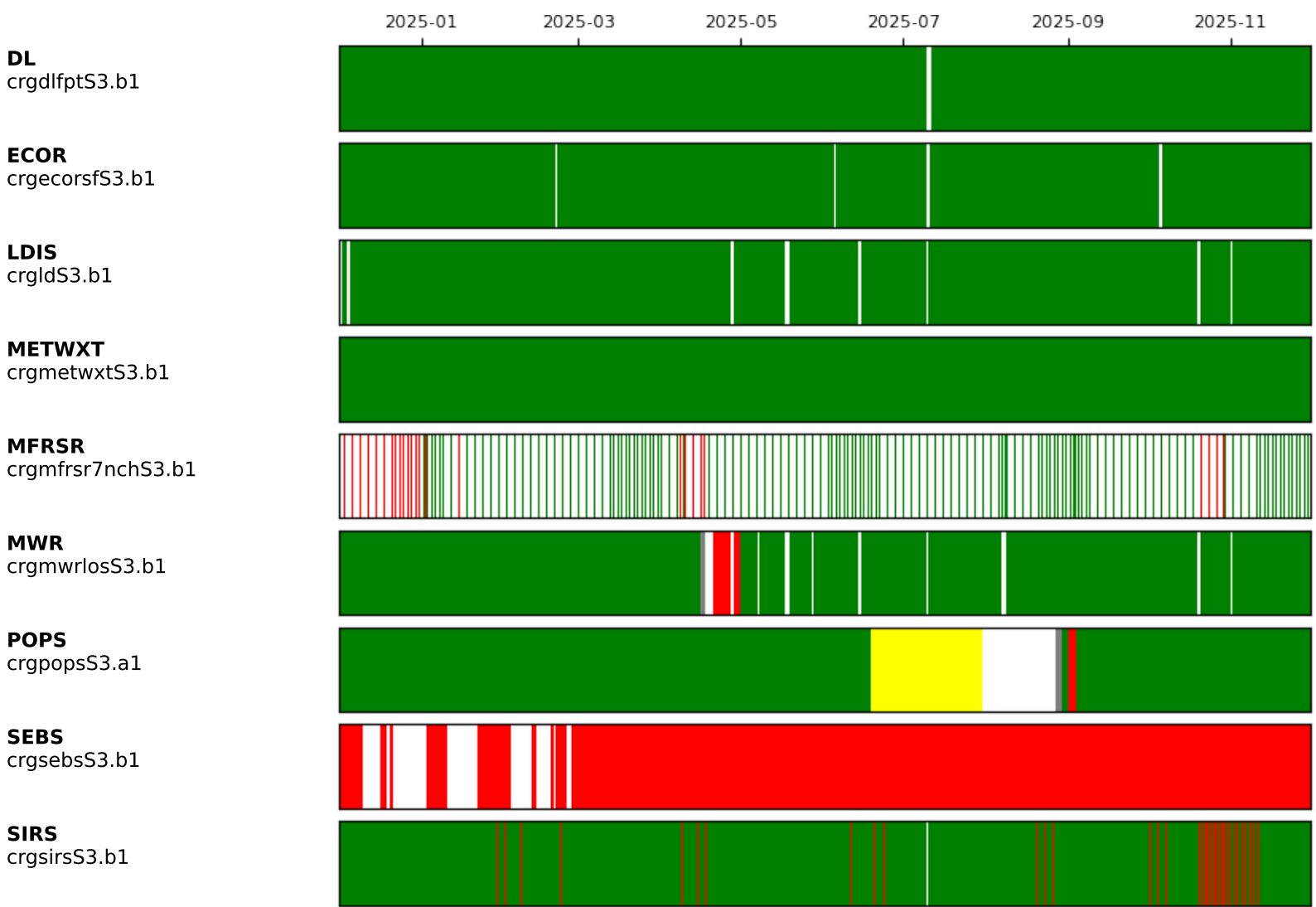


Baltimore, MD; Supplemental Facility 3 near bay
Atmospheric Radiation Measurement User Facility



ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|-------------------|------------|-----------|--|---------------------|---------------------|
| crgdlfptS3.b1 | D250724.7 | Missing | No Data | 2025-07-10T00:00:50 | 2025-07-11T18:45:02 |
| crgldS3.b1 | D250522.2 | Missing | Data Missing | 2025-05-17T21:04:01 | 2025-05-19T13:30:59 |
| crgldS3.b1 | D250521.3 | Missing | Missing Data | 2025-04-26T23:02:01 | 2025-04-28T13:25:00 |
| crgldS3.b1 | D250509.7 | Missing | Missing Data | 2025-04-26T23:02:01 | 2025-04-28T13:25:59 |
| crgmfrsr7nchS3.b1 | D250425.5 | Incorrect | Incorrect Data | 2025-04-08T10:38:40 | 2025-04-17T17:46:40 |
| crgmfrsr7nchS3.b1 | D251029.3 | Incorrect | Incorrect Data | 2025-10-20T03:56:00 | 2025-10-29T15:24:20 |
| crgmfrsr7nchS3.b1 | D250121.2 | Incorrect | Incorrect Data | 2024-12-01T00:00:00 | 2025-01-02T20:09:00 |
| crgmfrsr7nchS3.b1 | D250121.3 | Incorrect | Incorrect Data | 2025-01-15T15:53:00 | 2025-01-16T06:00:00 |
| crgmwrlosS3.b1 | D250522.5 | Missing | Missing Data | 2025-04-17T16:10:59 | 2025-04-20T14:00:33 |
| crgmwrlosS3.b1 | D250522.6 | Missing | Missing Data | 2025-05-17T21:05:26 | 2025-05-19T13:24:32 |
| crgmwrlosS3.b1 | D250825.4 | Missing | Missing Data | 2025-08-06T17:37:21 | 2025-08-08T18:45:55 |
| crgmwrlosS3.b1 | D250425.11 | Incorrect | Incorrect Brightness Temperatures and Retrievals | 2025-04-20T14:00:33 | 2025-04-26T23:02:34 |
| crgpopsS3.a1 | D251008.2 | Missing | Data Outage | 2025-07-30T14:00:00 | 2025-08-27T14:59:29 |
| crgpopsS3.a1 | D251104.15 | Missing | Loose Connection on POPS Prevents Data from Writing; T and RH are OK | 2025-08-27T14:59:29 | 2025-08-29T16:45:29 |
| crgpopsS3.a1 | D251104.16 | Incorrect | POPS Pump Failure - Temperature and RH still OK | 2025-09-01T04:09:00 | 2025-09-03T20:12:00 |
| crgpopsS3.a1 | D251008.4 | Suspect | Instrument Counting Low - Data Suspect | 2025-06-19T00:00:00 | 2025-07-30T14:00:00 |
| crgsebsS3.b1 | D250106.4 | Missing | Missing Data | 2024-12-10T06:30:01 | 2024-12-16T14:59:59 |
| crgsebsS3.b1 | D250212.2 | Missing | No Data | 2025-02-03T17:00:01 | 2025-02-11T12:29:59 |
| crgsebsS3.b1 | D250122.2 | Missing | Missing Data | 2025-01-10T19:00:01 | 2025-01-21T21:59:59 |
| crgsebsS3.b1 | D250106.3 | Incorrect | Incorrect Data | 2024-12-01T00:00:00 | 2024-12-17T17:30:00 |
| crgsebsS3.b1 | D241031.8 | Incorrect | No Soil Sensors at CRG S3 | 2024-12-01T00:00:00 | 2025-11-30T23:59:59 |
| crgsirsS3.b1 | D241206.2 | Incorrect | Incorrect Data | 2025-08-29T10:32:06 | 2025-08-29T11:18:00 |

ARM Data Object Identifier (DOI) Table

| Instrument | DOI |
|------------|--|
| DL | Newsom, R., Shi, Y., & Krishnamurthy, R. Doppler Lidar (DLCAL2), 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/10.5439/1025184 |
| 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 |
| 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 |
| MWR | Cadeddu, M., & Tuftedal, M. Microwave Radiometer (MWRLOS), 2024-12-01 to 2025-11-30, ARM Mobile Facility (CRG), Baltimore, MD; Supplemental Facility 3 near bay (S3). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1999490 |
| 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 |