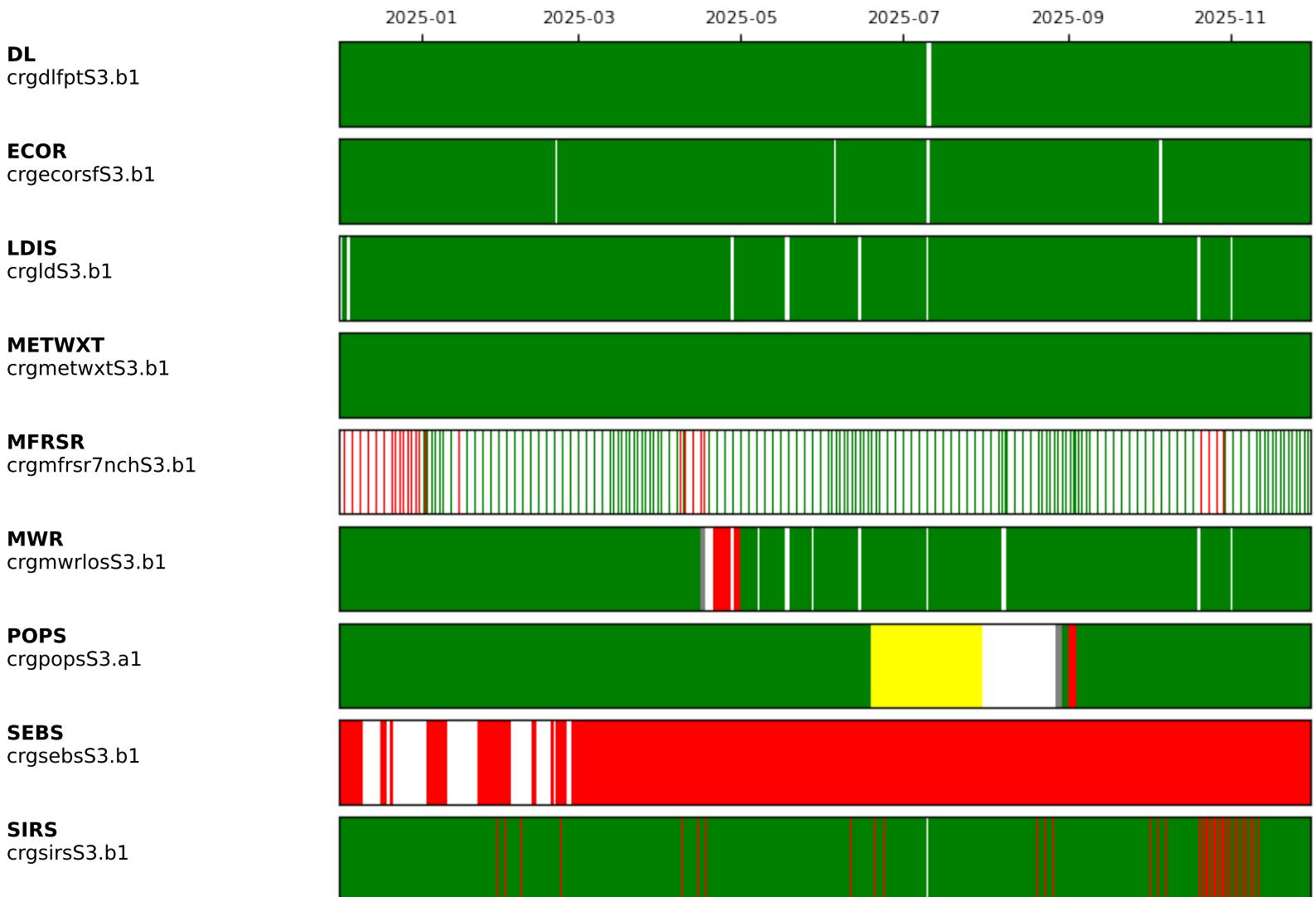


Baltimore, MD; Supplemental Facility 3 near bay

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
crgmwrlsS3.b1	D250522.5	Missing	Missing Data	2025-04-17T16:10:59	2025-04-20T14:00:33
crgmwrlsS3.b1	D250522.6	Missing	Missing Data	2025-05-17T21:05:26	2025-05-19T13:24:32
crgmwrlsS3.b1	D250825.4	Missing	Missing Data	2025-08-06T17:37:21	2025-08-08T18:45:55
crgmwrlsS3.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