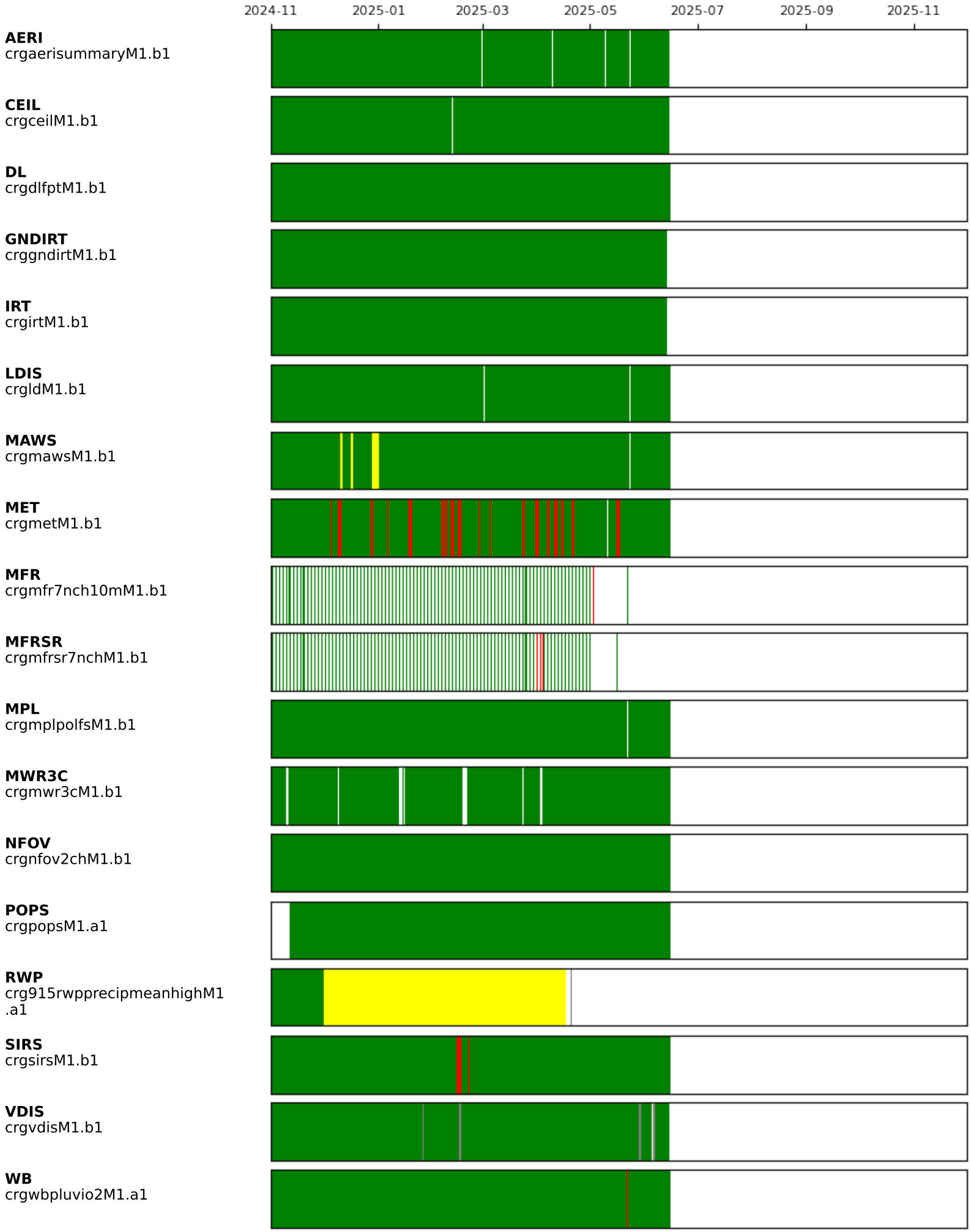
Baltimore, MD; AMF1 (main site for CoURAGE)

Atmospheric Radiation Measurement User Facility



ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
crgmawsM1.b1	D250123.11	Suspect	RH Above 100%	2024-12-10T11:40:00	2024-12-11T19:15:00
crgmetM1.b1	D250512.9	Incorrect	Tipping Bucket Rain Gauge Failing	2025-04-11T00:00:00	2025-04-12T23:59:59
crgmetM1.b1	D250519.4	Incorrect	Tipping Bucket Rain Gauge Clogged	2025-05-16T00:00:00	2025-05-17T23:59:59
crgmfr7nch10mM1.b1	D250527.7	Incorrect	Incorrect Data	2025-05-03T09:08:20	2025-05-23T06:00:00
crgmfrsr7nchM1.b1	D250411.8	Incorrect	Incorrect Data	2025-04-01T04:53:00	2025-04-04T18:53:00
crg915rwpprecipmeanhi	D250225.5	Suspect	Questionable Data	2024-12-01T00:00:00	2025-04-17T14:00:00
crg915rwpprecipmeanhi	D250528.7	Missing	Missing Data	2025-04-17T14:00:00	2025-04-20T18:41:24
crgsirsM1.b1	D241231.6	Incorrect	Incorrect Data	2025-03-18T11:12:28	2025-03-18T11:37:00
crgvdisM1.b1	D250611.3	Missing	Missing Data	2025-05-29T00:00:00	2025-05-29T23:59:59
crgvdisM1.b1	D250225.4	Missing	Missing Data	2025-02-16T00:00:00	2025-02-16T23:59:59
crgvdisM1.b1	D250204.6	Missing	Missing Data	2025-01-26T00:00:00	2025-01-26T23:59:59
crgwbpluvio2M1.a1	D250527.1	Incorrect	Incorrect Data	2025-05-22T13:00:00	2025-05-22T15:00:00

ARM Data Object Identifier (DOI) Table

Instrument	DOI
AERI	Gero, J., Garcia, R., Hackel, D., Ermold, B., & Gaustad, K. Atmospheric Emitted Radiance Interferometer (AERICH1), 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/10.5439/1989299
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
GNDIRT	N/A
IRT	Shi, Y., Howie, J., Goldberger, L., & Morris, V. Infrared Thermometer (GNDIRT), 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/10.5439/1366509
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
MET	Kyrouac, J., Shi, Y., & Tuftedal, M. Surface Meteorological Instrumentation (MET), 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/10.5439/1786358
MFR	Hodges, G., Herrera, C., & Ermold, B. Multifilter Radiometer (MFR7NCH10M), 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/10.5439/1773175
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
MPL	Muradyan, P., Cromwell, E., Koontz, A., Coulter, R., Flynn, C., Ermold, B., & OBrien, J. Micropulse Lidar (MPLPOLFS), 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/10.5439/1320657
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
NFOV	Hodges, G., Herrera, C., & Koontz, A. Narrow Field of View Zenith Radiometer (NFOV2CH), 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/10.5439/1344560
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.
RWP	Muradyan, P. Radar Wind Profiler (915RWPPRECIPCON), 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/10.5439/1993732
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
VDIS	Zhu, Z. Video Disdrometer (VDIS), 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/10.5439/1992988

ARM Data Object Identifier (DOI) Table

Instrument	DOI
WB	Zhu, Z., Wang, D., Jane, M., Cromwell, E., Sturm, M., Irving, K., & Delamere, J. Weighing Bucket Precipitation Gauge (WBPLUVIO2), 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/10.5439/1338194