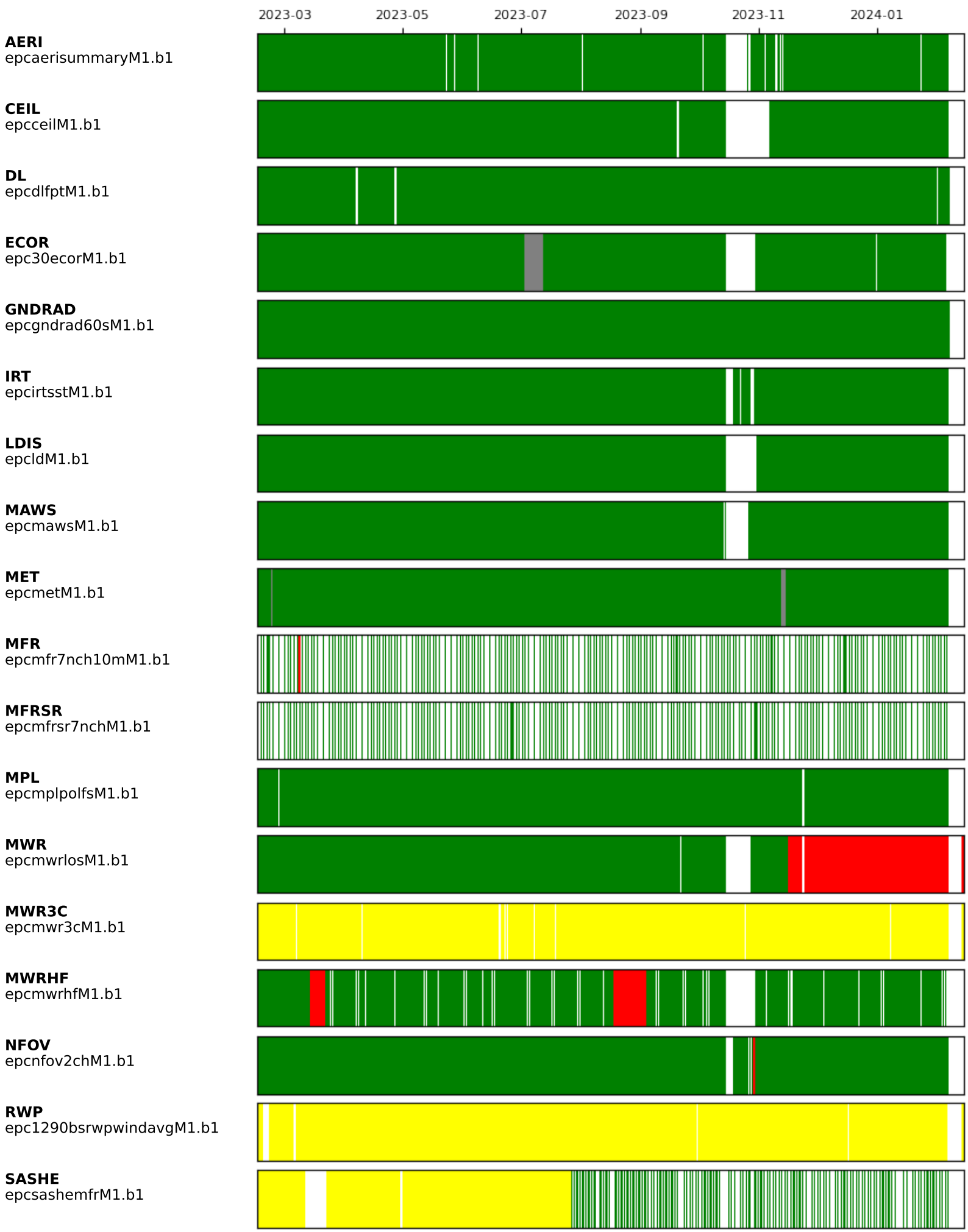


La Jolla, CA; AMF1 (main site for EPCAPE on Scripps Pier)  
Atmospheric Radiation Measurement User Facility





# ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
epcaerisummaryM1.b1	D231114.2	Missing	Data Not Available	2023-10-26T16:48:11	2023-10-27T18:44:11
epcceilM1.b1	D231129.6	Missing	Data Not Available	2023-10-14T23:59:19	2023-11-06T19:16:19
epcceilM1.b1	D231009.3	Missing	No Data	2023-09-19T23:59:11	2023-09-21T00:00:11
epc30ecorM1.b1	D230721.5	Missing	Missing Pressure and Temperature	2023-07-03T03:00:00	2023-07-12T20:29:00
epc30ecorM1.b1	D231114.1	Missing	Data Not Available	2023-10-15T08:00:59	2023-10-30T13:59:59
epcirtsstM1.b1	D231130.8	Missing	Data Not Available	2023-10-15T08:00:44	2023-10-18T21:17:44
epcirtsstM1.b1	D231114.21	Missing	Data Not Available	2023-10-15T08:00:44	2023-10-18T21:17:44
epcirtsstM1.b1	D230830.2	Incorrect	Incorrect Data	2023-08-28T21:24:00	2023-08-28T22:05:00
epcldM1.b1	D231114.24	Missing	Data Not Available	2023-10-15T09:06:59	2023-10-30T18:24:59
epcmawsM1.b1	D231114.25	Missing	Data Not Available	2023-10-15T00:10:05	2023-10-26T19:43:05
epcmetM1.b1	D230421.2	Incorrect	False Precipitation Data	2023-02-13T16:38:00	2023-02-13T16:40:00
epcmetM1.b1	D230421.4	Incorrect	Incorrect Present Weather Detector Data Due to Maintenance	2023-02-18T18:32:59	2023-02-18T18:34:59
epcmetM1.b1	D231115.1	Missing	Missing Present Weather Detector Data	2023-11-12T09:54:00	2023-11-14T20:19:00
epcmetM1.b1	D230224.6	Missing	Missing Optical Rain Gauge Data	2023-02-22T09:58:59	2023-02-22T20:23:59
epcmfr7nch10mM1.b1	D230322.6	Incorrect	Incorrect Data - Operations Test	2023-03-07T23:10:00	2023-03-10T20:56:00
epcmwrlosM1.b1	D231207.1	Incorrect	Surface Temperature Data Intermittently Missing and Incorrect	2023-11-16T00:00:00	3001-01-01 00:00:00
epcmwrlosM1.b1	D231114.27	Missing	Data Not Available	2023-10-15T08:00:49	2023-10-27T17:50:49
epcmwr3cM1.b1	D230813.1	Suspect	Retrieval Coefficients are Non-Optimal	2023-02-15T00:00:00	3001-01-01 00:00:00
epcmwrhfM1.b1	D230925.2	Incorrect	Incorrect Surface Relative Humidity	2023-08-17T18:48:29	2023-09-03T18:34:29
epcmwrhfM1.b1	D230331.7	Incorrect	Intermittent Incorrect Surface Relative Humidity	2023-03-14T00:00:00	2023-03-21T19:32:00
epcmwrhfM1.b1	D231130.9	Missing	Data Not Available	2023-10-14T23:59:46	2023-10-30T14:35:46
epcnfov2chM1.b1	D231114.29	Missing	Data Not Available	2023-10-27T17:00:12	2023-10-28T18:19:12
epcnfov2chM1.b1	D231130.12	Missing	Data Not Available	2023-10-15T09:00:44	2023-10-18T22:27:44
epcnfov2chM1.b1	D231205.1	Incorrect	Incorrect Data	2023-10-29T07:00:59	2023-10-30T06:59:59
epc1290bsrwpwindavgM1.b1	D230127.12	Suspect	Incorrect Data for Winds Below 3m/s	2023-02-15T00:00:59	2024-02-14T23:59:59
epcsashemfrM1.b1	D230726.1	Suspect	Questionable Data	2023-02-15T00:00:59	2023-07-26T23:59:59
epcsashemfrM1.b1	D230327.4	Missing	No Data	2023-03-11T20:13:14	2023-03-22T17:31:14
epcskyrad60sM1.b1	D230428.6	Incorrect	Sun Tracker Failure affected by Cables Untangled and Repositioned	2023-03-16T22:44:00	2023-03-17T18:39:00
epctsiskycoverM1.b1	D231130.1	Missing	No Data	2023-11-05T00:00:59	2023-11-29T23:59:59
epctsiskycoverM1.b1	D230613.6	Missing	Missing Data	2023-05-22T14:05:59	2023-05-24T23:59:59

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
epctsiskycoversM1.b1	D231124.1	Suspect	Use Sunny Field with Caution	2023-09-19T00:00:00	2023-09-23T17:19:00
epctsiskycoversM1.b1	D230303.5	Suspect	Use Sunny Field with Caution	2023-05-09T00:00:00	2023-08-04T15:55:00
epcvdisM1.b1	D230710.6	Missing	No Data	2023-07-05T00:00:00	2023-07-05T23:59:59
epcvdisM1.b1	D230401.1	Missing	No Data	2023-03-15T08:58:00	2023-03-16T23:59:59
epcvdisM1.b1	D230915.13	Missing	No Data	2023-09-02T00:00:00	2023-09-02T23:59:59
epcvdisM1.b1	D230412.2	Missing	No Data	2023-04-05T00:00:00	2023-04-05T23:59:59
epcvdisM1.b1	D231221.1	Suspect	Incorrect Data	2022-09-25T00:00:00	2023-11-28T00:00:00
epcvdisM1.b1	D231227.3	Incorrect	Incorrect Data	2023-12-21T00:00:00	2023-12-22T23:59:59
epcvdisM1.b1	D230908.2	Incorrect	Incorrect Data	2023-08-20T17:00:00	2023-08-21T23:59:59
epcdfptS2.b1	D231130.5	Missing	Data Not Available	2023-10-07T17:54:00	2023-10-13T13:17:10
epcldS2.b1	D240202.9	Missing	No Data	2024-01-27T09:28:00	2024-01-29T19:06:00
epcmwr3cS2.b1	D230813.2	Incorrect	Incorrect PWV and LWP Retrievals	2023-02-15T00:00:00	3001-01-01 00:00:00
epcorgS2.b1	D230901.5	Incorrect	Optical Rain Gauge Water Intrusion	2023-08-20T20:00:00	2023-08-22T19:00:59
epcorgS2.b1	D230420.1	Incorrect	False Precipitation Data	2023-02-19T17:09:00	2023-02-19T17:11:00
epcorgS2.b1	D230925.3	Incorrect	ORG Diagnostic Voltage Incorrect	2023-08-22T18:30:00	2023-09-25T16:05:00

## ARM Data Object Identifier (DOI) Table

Instrument	DOI
AERI	Gero, J., Garcia, R., Hackel, D., Ermold, B., & Gaustad, K. Atmospheric Emitted Radiance Interferometer (AERICH1). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1989299">https://doi.org/10.5439/1989299</a>
CEIL	Zhang, D., Morris, V., & Ermold, B. Ceilometer (CEIL10M). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1497398">https://doi.org/10.5439/1497398</a>
DL	Newsom, R., Shi, Y., & Krishnamurthy, R. Doppler Lidar (DLFPT). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1025185">https://doi.org/10.5439/1025185</a>
ECOR	Sullivan, R., Billesbach, D., Keeler, E., Ermold, B., & Pal, S. Eddy Correlation Flux Measurement System (30ECOR). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1025039">https://doi.org/10.5439/1025039</a>
GNDRAD	Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P., Kutchenreiter, M., & Shi, Y. Ground Radiometers on Stand for Upwelling Radiation (GNDRAD60S). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1377837">https://doi.org/10.5439/1377837</a>
IRT	Howie, J., Morris, V., Shi, Y., & Goldberger, L. Infrared Thermometer (IRTSST). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1368196">https://doi.org/10.5439/1368196</a>
LDIS	Wang, D., & Shi, Y. Laser Disdrometer (LD). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1973058">https://doi.org/10.5439/1973058</a>
MAWS	Keeler, E., Kyrouac, J., & Ermold, B. Automatic Weather Station (MAWS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1162061">https://doi.org/10.5439/1162061</a>
MET	Kyrouac, J., Shi, Y., & Tuftedal, M. Surface Meteorological Instrumentation (MET). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1786358">https://doi.org/10.5439/1786358</a>
MFR	Hodges, G., Herrera, C., & Ermold, B. Multifilter Radiometer (MFR7NCH10M). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1773175">https://doi.org/10.5439/1773175</a>
MFRSR	Hodges, G., Herrera, C., & Ermold, B. Multifilter Rotating Shadowband Radiometer (MFRSR7NCH). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1429369">https://doi.org/10.5439/1429369</a>
MPL	Muradyan, P., Cromwell, E., Koontz, A., Coulter, R., Flynn, C., Ermold, B., & OBrien, J. Micropulse Lidar (MPLPOLFS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1320657">https://doi.org/10.5439/1320657</a>
MWR	Cadeddu, M., & Tuftedal, M. Microwave Radiometer (MWRLOS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1999490">https://doi.org/10.5439/1999490</a>
MWR3C	Cadeddu, M., Gibler, G., Koontz, A., & Tuftedal, M. Microwave Radiometer, 3 Channel (MWR3C). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1025248">https://doi.org/10.5439/1025248</a>
MWRHF	Cadeddu, M., & Tuftedal, M. Microwave Radiometer - High Frequency (MWRHF). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1986428">https://doi.org/10.5439/1986428</a>
NFOV	Hodges, G., Herrera, C., & Koontz, A. Narrow Field of View Zenith Radiometer (NFOV2CH). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1344560">https://doi.org/10.5439/1344560</a>
RWP	Muradyan, P. Radar Wind Profiler (1290BSRWPWINDAVG). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1973738">https://doi.org/10.5439/1973738</a>

## ARM Data Object Identifier (DOI) Table

Instrument	DOI
SASHE	Flynn, C., & Shi, Y. Shortwave Array Spectroradiometer-Hemispheric (SASHEMFR). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1975392">https://doi.org/10.5439/1975392</a>
SASZE	Flynn, C., Ermold, B., & Shi, Y. Shortwave Array Spectroradiometer-Zenith (SASZEFILTERBANDS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1150264">https://doi.org/10.5439/1150264</a>
SEBS	Sullivan, R., Keeler, E., Pal, S., & Kyrouac, J. Surface Energy Balance System (SEBS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1984921">https://doi.org/10.5439/1984921</a>
SKYRAD	Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P., Kutchenreiter, M., & Shi, Y. Sky Radiometers on Stand for Downwelling Radiation (SKYRAD60S). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1377836">https://doi.org/10.5439/1377836</a>
SONDE	Keeler, E., Burk, K., & Kyrouac, J. Balloon-Borne Sounding System (SONDEWNP). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1595321">https://doi.org/10.5439/1595321</a>
TSI	Flynn, D., & Morris, V. Total Sky Imager (TSISKYCOVER). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1992207">https://doi.org/10.5439/1992207</a>
VDIS	Wang, D. Video Disdrometer (VDIS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1992988">https://doi.org/10.5439/1992988</a>
WB	Wang, D., Jane, M., Cromwell, E., Sturm, M., Irving, K., Delamere, J., & Mockaitis, M. Weighing Bucket Precipitation Gauge (WBPLUVIO2). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1338194">https://doi.org/10.5439/1338194</a>
CEILS2	N/A
DLS2	N/A
LDISS2	N/A
MWR3CS2	N/A
ORGS2	N/A
RAINS2	N/A