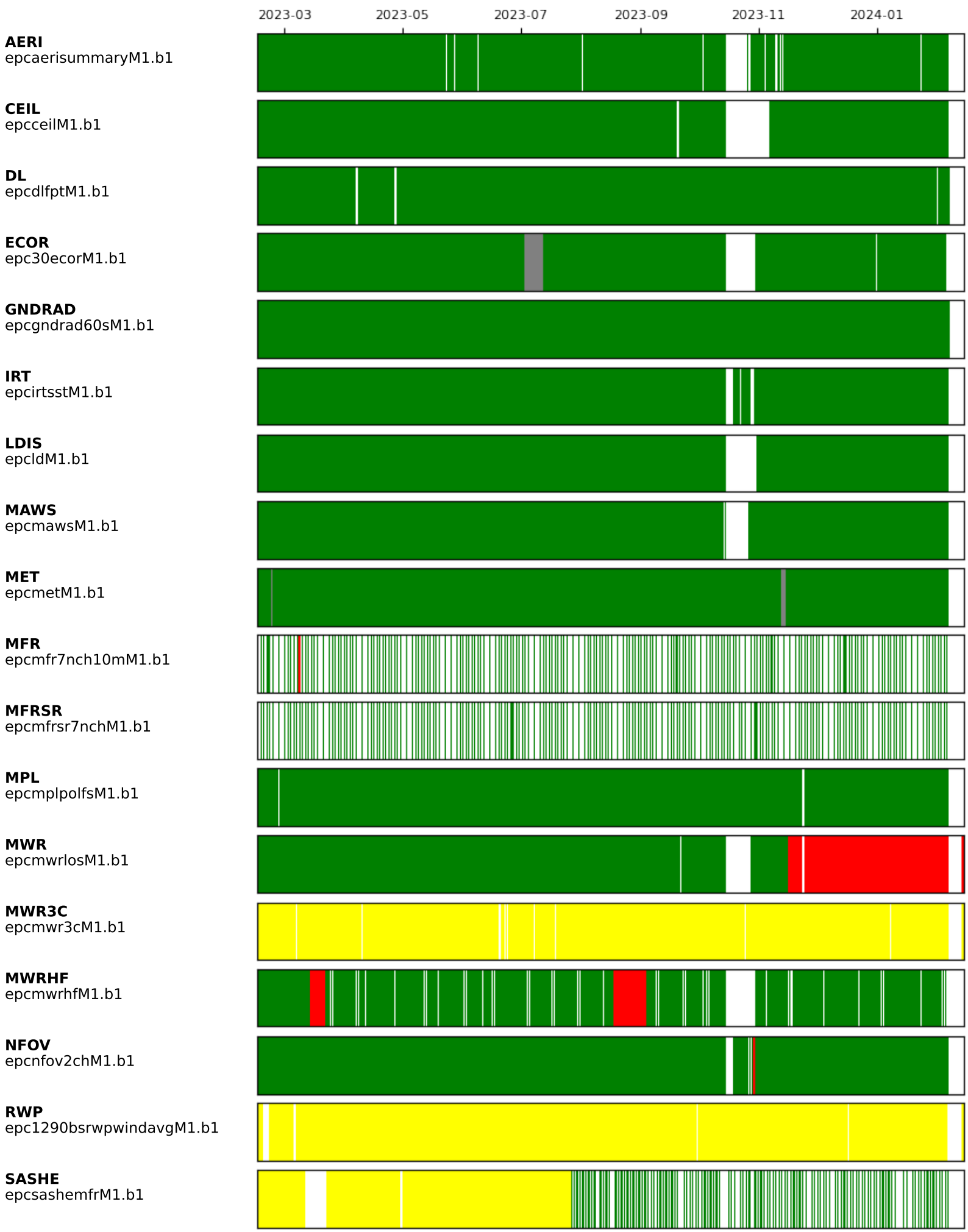


La Jolla, CA; AMF1 (main site for EPCAPE on Scripps Pier)
Atmospheric Radiation Measurement User Facility





ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
epcaerisummaryM1.b1	D231114.2	Missing	Data Not Available	2023-10-26T16:48:21	2023-10-27T18:44:11
epcceilM1.b1	D231129.6	Missing	Data Not Available	2023-10-14T23:59:52	2023-11-06T19:16:19
epcceilM1.b1	D231009.3	Missing	No Data	2023-09-19T23:59:59	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	2023-10-15T08:00:00	2023-10-30T13:59:59
epcirtsstM1.b1	D231130.8	Missing	Data Not Available	2023-10-15T08:00:00	2023-10-18T21:17:44
epcirtsstM1.b1	D231114.21	Missing	Data Not Available	2023-10-15T08:00:00	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	2023-10-15T09:06:01	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	2023-02-18T18:32:00	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	2023-02-22T09:58:00	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	2023-10-15T08:00:34	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	2023-08-17T18:48:12	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	2023-10-14T23:59:55	2023-10-30T14:35:46
epcnfov2chM1.b1	D231114.29	Missing	Data Not Available	2023-10-27T17:00:00	2023-10-28T18:19:12
epcnfov2chM1.b1	D231130.12	Missing	Data Not Available	2023-10-15T09:00:00	2023-10-18T22:27:44
epcnfov2chM1.b1	D231205.1	Incorrect	Incorrect Data	2023-10-29T07:00:00	2023-10-30T06:59:59
epc1290bsrwpwindavgM1.b1	D230127.12	Suspect	Incorrect Data for Winds Below 3m/s	2023-02-15T00:00:00	2024-02-14T23:59:59
epcsashemfrM1.b1	D230726.1	Suspect	Questionable Data	2023-02-15T00:00:00	2023-07-26T23:59:59
epcsashemfrM1.b1	D230327.4	Missing	No Data	2023-03-11T20:13:48	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	2023-11-05T00:00:00	2023-11-29T23:59:59
epctsiskycoverM1.b1	D230613.6	Missing	Missing Data	2023-05-22T14:05:00	2023-05-24T23:59:59

ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
epctsiskycoverM1.b1	D231124.1	Suspect	Use Sunny Field with Caution	2023-09-19T00:00:00	2023-09-23T17:19:00
epctsiskycoverM1.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	2023-10-07T17:54:04	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. https://doi.org/10.5439/1989299
CEIL	Zhang, D., Morris, V., & Ermold, B. Ceilometer (CEIL10M). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1497398
DL	Newsom, R., Shi, Y., & Krishnamurthy, R. Doppler Lidar (DLFPT). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025185
ECOR	Sullivan, R., Billesbach, D., Keeler, E., Ermold, B., & Pal, S. Eddy Correlation Flux Measurement System (30ECOR). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025039
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. https://doi.org/10.5439/1377837
IRT	Howie, J., Morris, V., Shi, Y., & Goldberger, L. Infrared Thermometer (IRTSST). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1368196
LDIS	Wang, D., & Shi, Y. Laser Disdrometer (LD). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1973058
MAWS	Keeler, E., Kyrouac, J., & Ermold, B. Automatic Weather Station (MAWS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1162061
MET	Kyrouac, J., Shi, Y., & Tuftedal, M. Surface Meteorological Instrumentation (MET). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1786358
MFR	Hodges, G., Herrera, C., & Ermold, B. Multifilter Radiometer (MFR7NCH10M). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1773175
MFRSR	Hodges, G., Herrera, C., & Ermold, B. Multifilter Rotating Shadowband Radiometer (MFRSR7NCH). 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). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1320657
MWR	Cadeddu, M., & Tuftedal, M. Microwave Radiometer (MWRLOS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1999490
MWR3C	Cadeddu, M., Gibler, G., Koontz, A., & Tuftedal, M. Microwave Radiometer, 3 Channel (MWR3C). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025248
MWRHF	Cadeddu, M., & Tuftedal, M. Microwave Radiometer - High Frequency (MWRHF). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1986428
NFOV	Hodges, G., Herrera, C., & Koontz, A. Narrow Field of View Zenith Radiometer (NFOV2CH). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1344560
RWP	Muradyan, P. Radar Wind Profiler (1290BSRWPWINDAVG). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1973738

ARM Data Object Identifier (DOI) Table

Instrument	DOI
SASHE	Flynn, C., & Shi, Y. Shortwave Array Spectroradiometer-Hemispheric (SASHEMFR). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1975392
SASZE	Flynn, C., Ermold, B., & Shi, Y. Shortwave Array Spectroradiometer-Zenith (SASZEFILTERBANDS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1150264
SEBS	Sullivan, R., Keeler, E., Pal, S., & Kyrouac, J. Surface Energy Balance System (SEBS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984921
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. https://doi.org/10.5439/1377836
SONDE	Keeler, E., Burk, K., & Kyrouac, J. Balloon-Borne Sounding System (SONDEWNP). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1595321
TSI	Flynn, D., & Morris, V. Total Sky Imager (TSISKYCOVER). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1992207
VDIS	Wang, D. Video Disdrometer (VDIS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1992988
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. https://doi.org/10.5439/1338194
CEILS2	N/A
DLS2	N/A
LDISS2	N/A
MWR3CS2	N/A
ORGS2	N/A
RAINS2	N/A