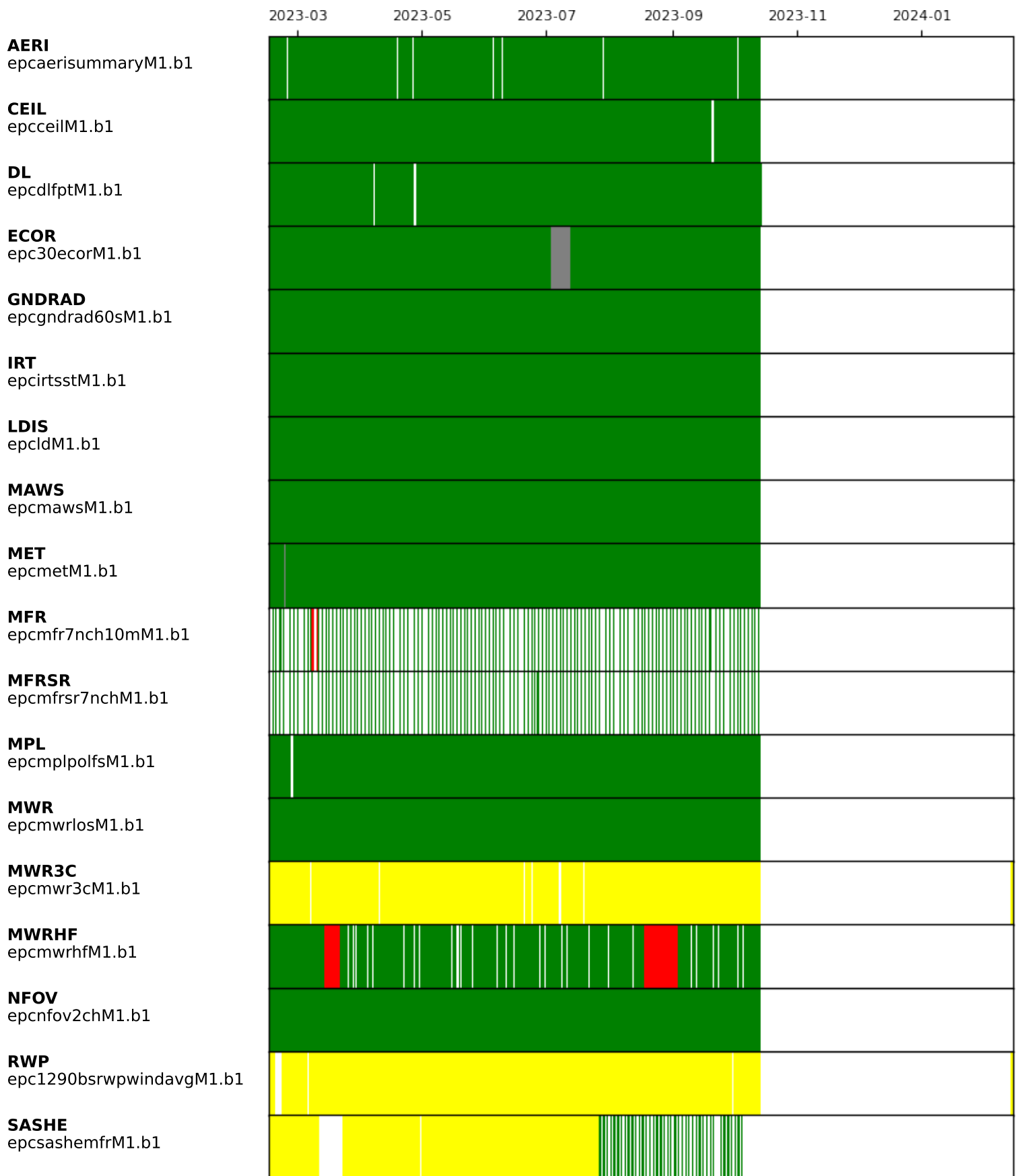


La Jolla, CA; AMF1 (main site for EPCAPE on Scripps Pier)

Atmospheric Radiation Measurement User Facility





ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
epc30ecorM1.b1	D230721.5	missing	Missing Pressure and Temperature	20230703.030000	20230712.202900
epcirtsstM1.b1	D230830.2	incorrect	Incorrect Data	20230828.212400	20230828.220500
epcmetM1.b1	D230421.2	incorrect	False Precipitation Data	20230508.154800	20230508.154959
epcmetM1.b1	D230224.6	missing	Missing Optical Rain Gauge Data	20230222.095800	20230222.202359
epcmetM1.b1	D230421.4	incorrect	Incorrect Present Weather Detector Data Due to Maintenance	20230414.172000	20230414.172259
epcmfr7nch10mM1.b1	D230322.6	incorrect	Incorrect Data - Operations Test	20230307.231000	20230310.205600
epcmwr3cM1.b1	D230813.1	suspect	Retrieval Coefficients are Non-Optimal	20230215.000000	30010101.000000
epcmwrhfM1.b1	D230925.2	incorrect	Incorrect Surface Relative Humidity	20230817.184812	20230903.183429
epcmwrhfM1.b1	D230331.7	incorrect	Intermittent Incorrect Surface Relative Humidity	20230314.000000	20230321.193200
epc1290bsrwpwindavgM1.b1	D230127.12	suspect	Incorrect Data for Winds Below 3m/s	20230215.000000	20240214.235959
epcsashemfrM1.b1	D230726.1	suspect	Questionable Data	20230215.000000	20230726.235959
epcsashemfrM1.b1	D230327.4	missing	No Data	20230311.201348	20230322.173114
epcskyrad60sM1.b1	D230428.6	incorrect	Sun Tracker Failure affected by Cables Untangled and Repositioned	20230316.224400	20230317.183900
epctsiskycorM1.b1	D230613.6	missing	Missing Data	20230525.130000	20230526.181200
epctsiskycorM1.b1	D230303.5	suspect	Use Sunny Field with Caution	20230509.000000	20230804.155500
epcvdisM1.b1	D230915.13	missing	No Data	20230902.000000	20230902.235959
epcvdisM1.b1	D230710.6	missing	No Data	20230801.000000	20230801.235959
epcvdisM1.b1	D230412.2	missing	No Data	20230405.000000	20230405.235959
epcvdisM1.b1	D230401.1	missing	No Data	20230315.085800	20230316.235959
epcvdisM1.b1	D230908.2	incorrect	Incorrect Data	20230820.170000	20230821.235959
epcdlftS2.b1	D230918.4	incorrect	Incorrect Azimuth Calibration	20230913.190000	20230918.235959
epcmwr3cS2.b1	D230813.2	incorrect	Incorrect PWV and LWP Retrievals	20230215.000000	30010101.000000
epcorgS2.b1	D230925.3	incorrect	ORG Diagnostic Voltage Incorrect	20230822.183000	20230925.160500
epcorgS2.b1	D230901.5	incorrect	Optical Rain Gauge Water Intrusion	20230820.200000	20230822.190059
epcorgS2.b1	D230420.1	incorrect	False Precipitation Data	20230606.220600	20230606.221059

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