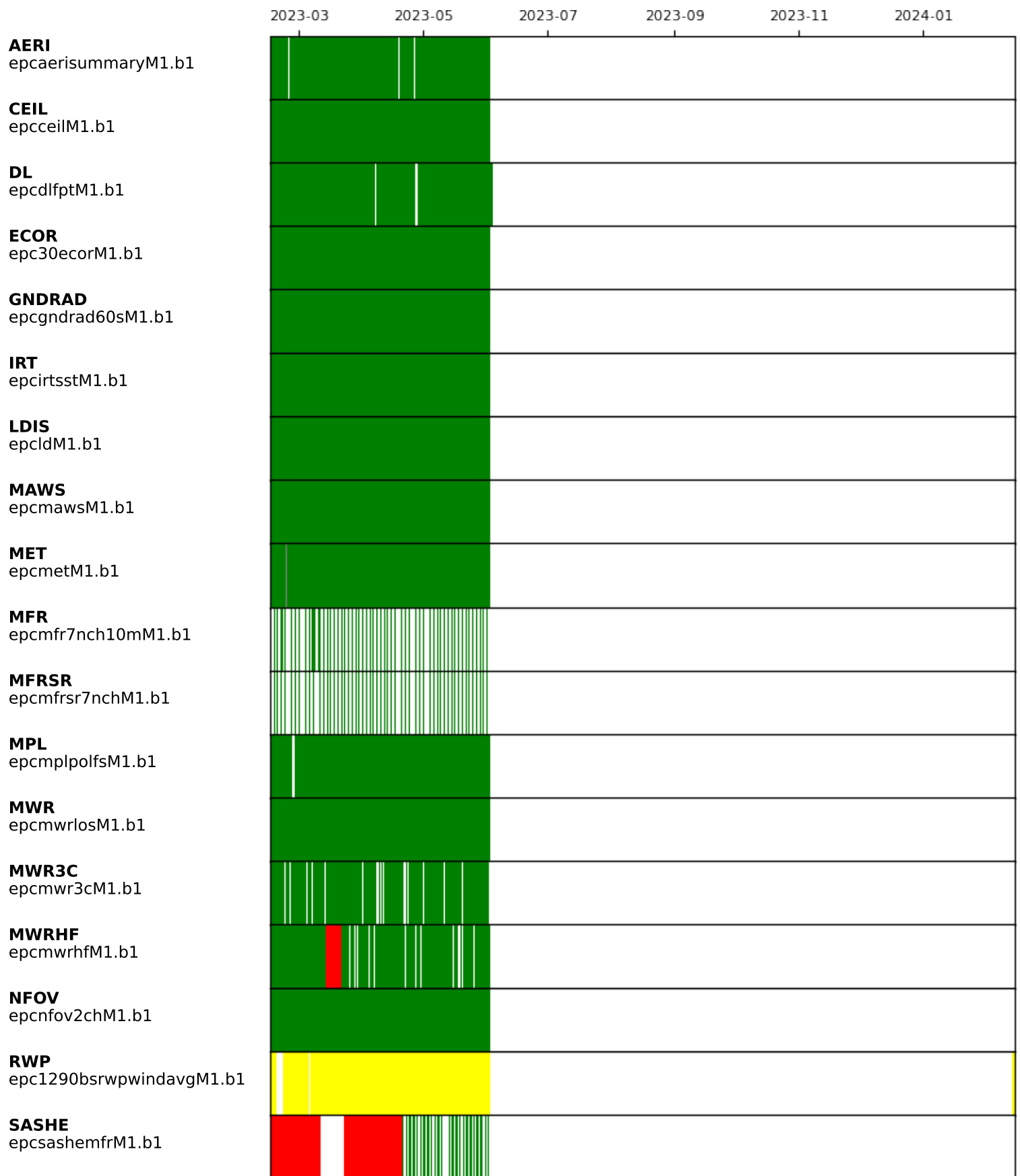


La Jolla, CA; AMF1 (main site for EPCAPE on Scripps Pier)
Atmospheric Radiation Measurement User Facility





ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
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
epcmwrhfM1.b1	D230331.7	incorrect	Intermittent Incorrect Surface Relative Humidity	20230314.000000	20230321.193200
epc1290bsrwpwindavgM	D230127.12	suspect	Incorrect Data for Winds Below 3m/s	20230215.000000	20240214.235959
epcsashemfrM1.b1	D230327.4	missing	No Data	20230311.201348	20230322.173114
epcsashemfrM1.b1	D230421.1	incorrect	Ingest Bug affecting Diffuse Irradiance Components	20230112.000000	20230420.190000
epcskyrad60sM1.b1	D230428.6	incorrect	Sun Tracker Failure affected by Cables Untangled and Repositioned	20230316.224400	20230317.183900
epctsiskycoverM1.b1	D230303.5	suspect	Use Sunny Field with Caution	20230419.000000	20230525.235959
epcvdisM1.b1	D230412.2	missing	No Data	20230405.000000	20230405.235959
epcvdisM1.b1	D230401.1	missing	No Data	20230315.085800	20230316.235959
epcorgS2.b1	D230420.1	incorrect	False Precipitation Data	20230418.220200	20230418.220400

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/10.5439/1025143
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. Doppler Lidar (DLFPT). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025185
ECOR	Sullivan, R., Billesbach, D., Keeler, E., & Ermold, B. 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. Infrared Thermometer (IRTSSST). 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. Automatic Weather Station (MAWS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1162061
MET	Kyrouac, J., & Shi, Y. 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. 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/10.5439/1046211
MWR3C	Cadeddu, M., Gibler, G., & Koontz, A. 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/10.5439/1025250
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. Surface Energy Balance System (SEBS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025274
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. Balloon-Borne Sounding System (SONDEWNPN). 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/10.5439/1025308
VDIS	Wang, D. Video Disdrometer (VDIS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025315
WB	Wang, D., Bartholomew, M., & Cromwell, E. 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