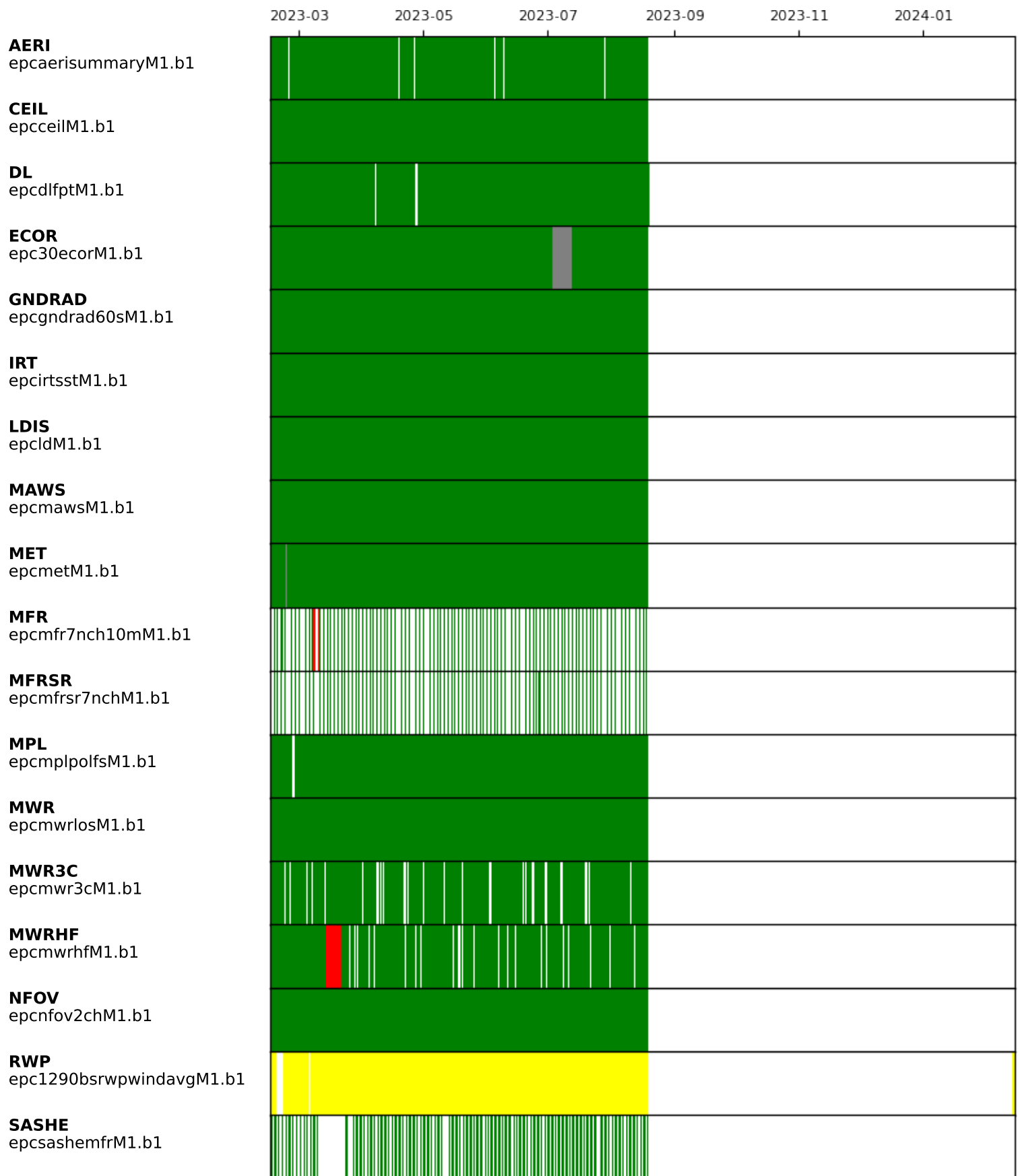
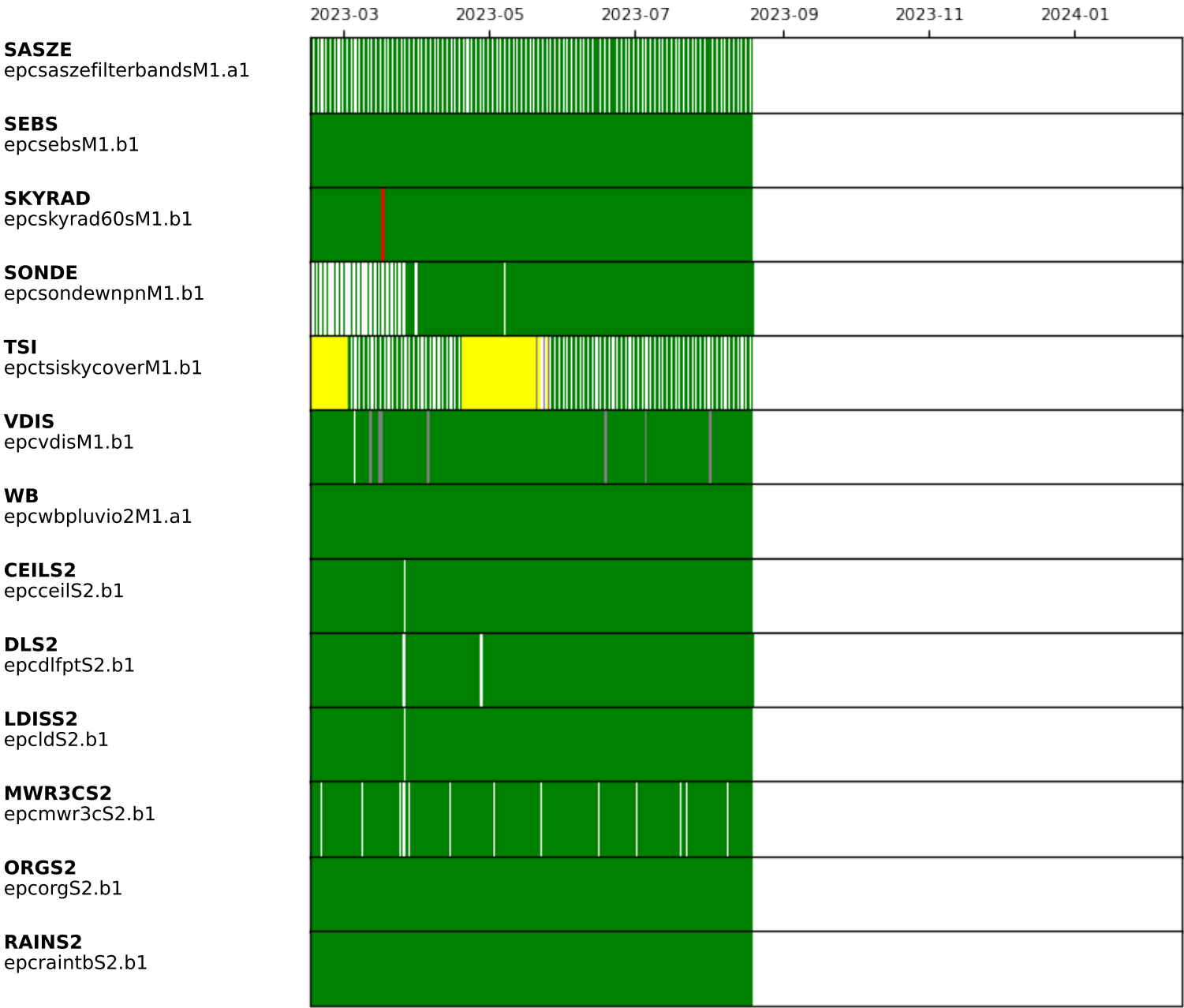


La Jolla, CA; AMF1 (main site for EPCAPE on Scripps Pier)  
Atmospheric Radiation Measurement User Facility





## 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 |
| 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 |
| 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         | 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 |
| epctsiskycoversM1.b1     | D230613.6  | missing   | Missing Data  | 20230525.130000 | 20230526.181200 |
| epctsiskycoversM1.b1     | D230303.5  | suspect   | Use Sunny Field with Caution                                      | 20230419.000000 | 20230525.235959 |
| 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 |
| 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. <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. 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. 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. Infrared Thermometer (IRTSSST). 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. 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. 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. 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/10.5439/1046211">https://doi.org/10.5439/1046211</a>   |
| MWR3C      | Cadeddu, M., Gibler, G., & Koontz, A. 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. Balloon-Borne Sounding System (SONDEWNPN). 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., Bartholomew, M., & Cromwell, E. 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  |