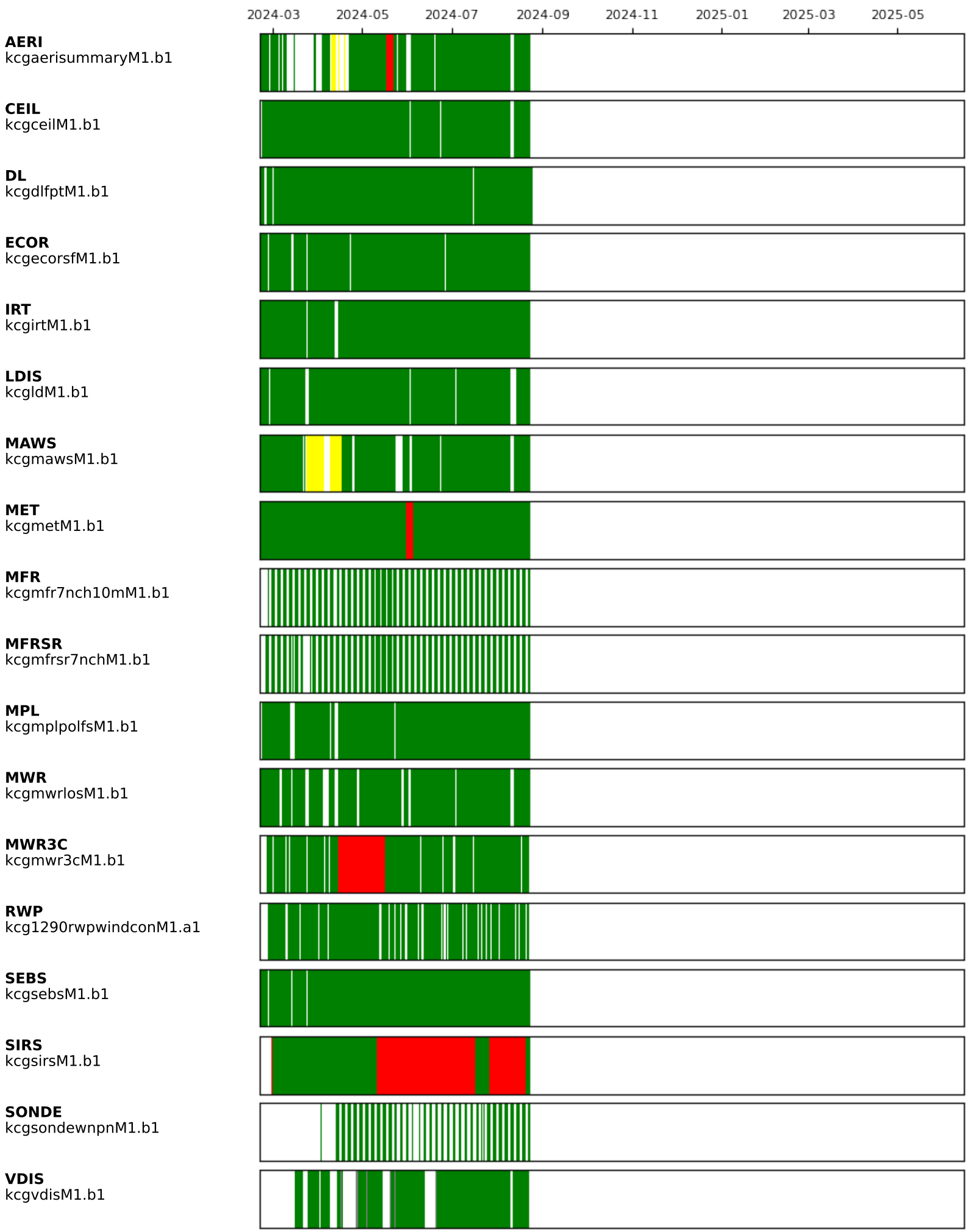
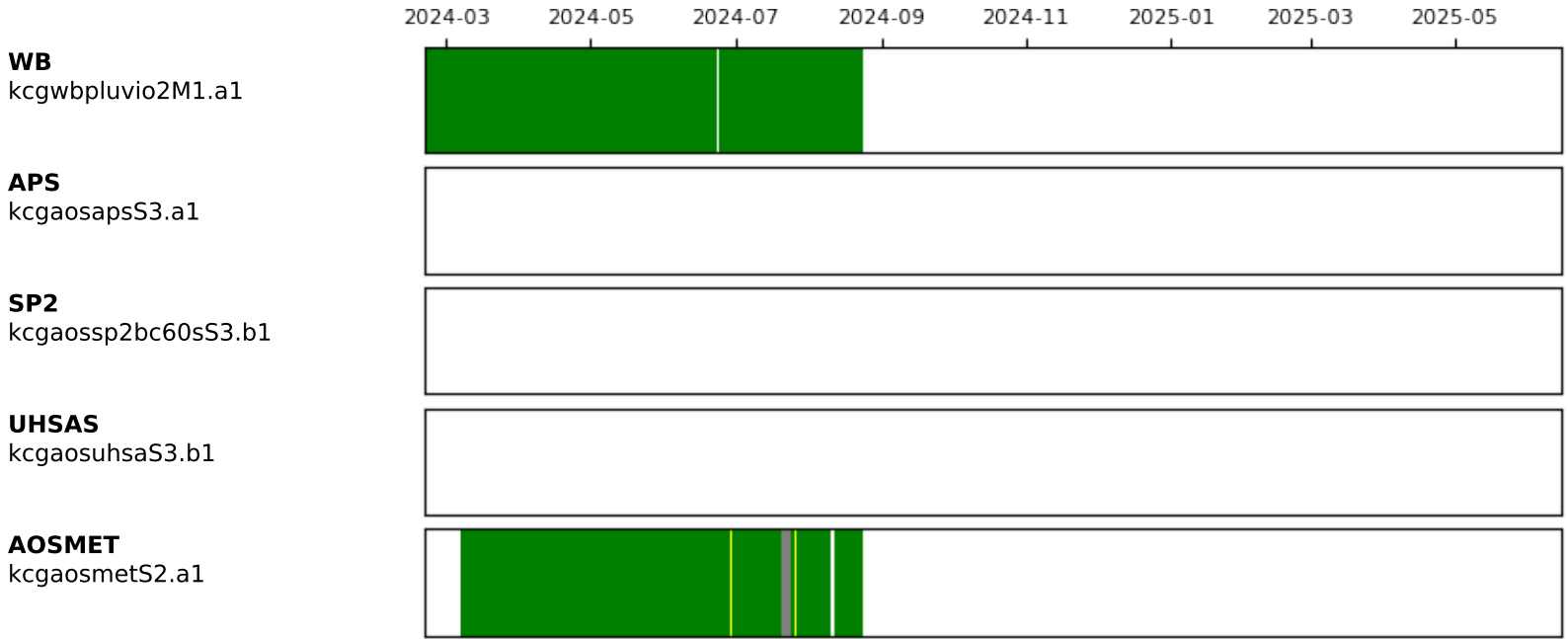


kennaook / Cape Grim, Tasmania, Australia; AMF2 (main site for CAPE-k)  
Atmospheric Radiation Measurement User Facility





ARM Data Quality Report (DQR) Table

| Datastream          | DQR        | Quality   | Subject                         | Start Date          | End Date            |
|---------------------|------------|-----------|---------------------------------|---------------------|---------------------|
| kcgaerisummaryM1.b1 | D240621.9  | Incorrect | M-AERI Motor Problem            | 2024-05-17T05:00:00 | 2024-05-22T02:40:00 |
| kcgaerisummaryM1.b1 | D240520.4  | Suspect   | Scene Mirror Motor Fault        | 2024-04-08T21:00:00 | 2024-04-22T02:55:00 |
| kcgmaawsM1.b1       | D240528.2  | Missing   | Missing Data due to Comms Issue | 2024-05-23T13:51:07 | 2024-05-28T13:55:04 |
| kcgmaawsM1.b1       | D240524.2  | Suspect   | Temperature Data Questionable   | 2024-03-23T00:00:00 | 2024-04-17T04:00:00 |
| kcgmetM1.b1         | D240729.2  | Incorrect | Incorrect Data                  | 2024-07-03T04:56:00 | 2024-07-03T04:59:00 |
| kcgmetM1.b1         | D240614.24 | Incorrect | Broken Wind Sensor              | 2024-05-30T20:27:00 | 2024-06-05T02:30:00 |
| kcgmplpolfM1.b1     | D240628.4  | Missing   | No Data                         | 2024-05-22T16:59:55 | 2024-05-24T00:52:54 |
| kcgmwrlosM1.b1      | D240607.3  | Missing   | Missing Data                    | 2024-05-27T23:37:25 | 2024-05-29T04:13:11 |
| kcgmwrlosM1.b1      | D240520.6  | Missing   | No Data                         | 2024-04-27T15:58:01 | 2024-04-28T22:57:04 |
| kcgmwr3cM1.b1       | D240621.6  | Incorrect | Excessive Rain Contamination    | 2024-04-15T00:00:00 | 2024-05-17T00:00:00 |
| kcgsirsm1.b1        | D240726.2  | Incorrect | Incorrect Data                  | 2024-05-10T22:32:52 | 2024-07-17T02:10:00 |
| kcgsirsm1.b1        | D240822.1  | Incorrect | Questionable Data               | 2024-07-26T13:27:11 | 2024-08-20T02:08:32 |
| kcgsirsm1.b1        | D240621.2  | Incorrect | Incorrect Data                  | 2024-02-13T00:00:00 | 2024-03-01T00:54:00 |
| kcgsondewnnpnM1.b1  | D240516.1  | Missing   | Missing Data                    | 2024-04-24T00:00:00 | 2024-04-24T23:59:59 |
| kcgvdisM1.b1        | D240627.1  | Missing   | Missing Data                    | 2024-06-13T00:00:00 | 2024-06-20T23:59:59 |
| kcgaosmetS2.a1      | D240725.1  | Missing   | Missing Data                    | 2024-07-20T22:06:01 | 2024-07-24T21:04:59 |
| kcgaosmetS2.a1      | D240805.2  | Suspect   | High Precipitation Data         | 2024-06-29T00:00:00 | 2024-06-29T23:59:59 |

## 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., Cook, D., Shi, Y., Keeler, E., & Pal, S. Eddy Correlation Flux Measurement System (ECORSF). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1494128">https://doi.org/10.5439/1494128</a>  |
| IRT        | Shi, Y., Howie, J., Goldberger, L., & Morris, V. Infrared Thermometer (GNDIRT). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1366509">https://doi.org/10.5439/1366509</a>  |
| LDIS       | Wang, D., Zhu, Z., & 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>   |
| RWP        | Muradyan, P. Radar Wind Profiler (1290RWPPRECIPCON). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1972920">https://doi.org/10.5439/1972920</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>   |
| SIRS       | Shi, Y., Sengupta, M., Xie, Y., Jaker, S., Yang, J., Reda, I., Andreas, A., & Habte, A. Solar and Infrared Radiation Station for Downwelling and Upwelling Radiation (SIRS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1475460">https://doi.org/10.5439/1475460</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>  |

## ARM Data Object Identifier (DOI) Table

| Instrument | DOI  |
|------------|--|
| VDIS       | Wang, D., & Zhu, Z. 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> |
| APS        | Singh, A., Oliveira, D., Koontz, A., Sedlacek, A., & Kuang, C. Aerodynamic Particle Sizer (AOSAPS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1407135">https://doi.org/10.5439/1407135</a>                                     |
| SP2        | Sedlacek, A., Hayes, C., & Enekwizu, O. Single Particle Soot Photometer (SP2). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1973739">https://doi.org/10.5439/1973739</a>  |
| UHSAS      | Uin, J., Senum, G., Koontz, A., Flynn, C., Salwen, C., & Hayes, C. Ultra-High Sensitivity Aerosol Spectrometer (AOSUHSAS). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1409033">https://doi.org/10.5439/1409033</a>              |
| AOSMET     | Kyrouac, J., & Tuftedal, M. Meteorological Measurements associated with the Aerosol Observing System (AOSMET). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1984920">https://doi.org/10.5439/1984920</a>                          |