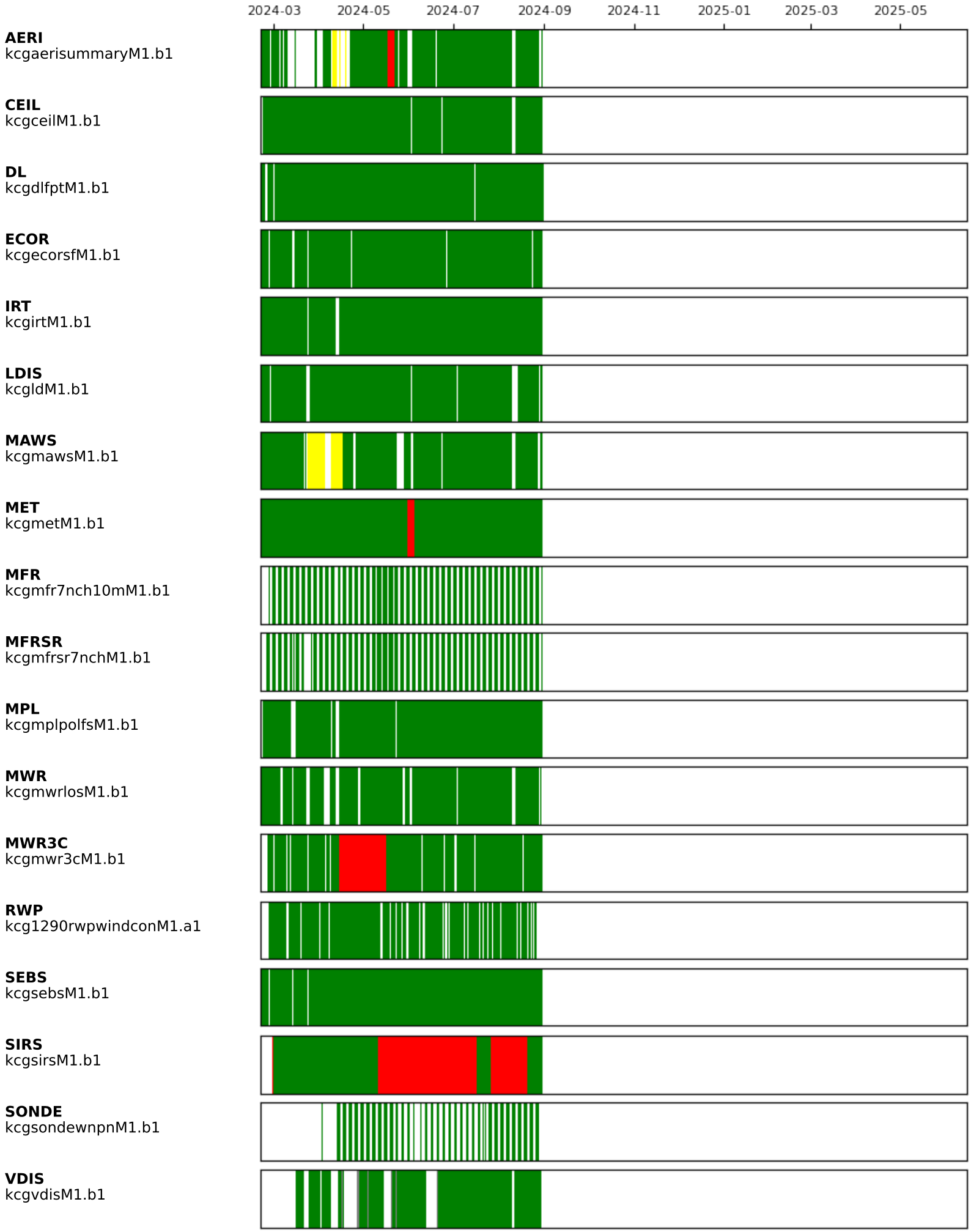
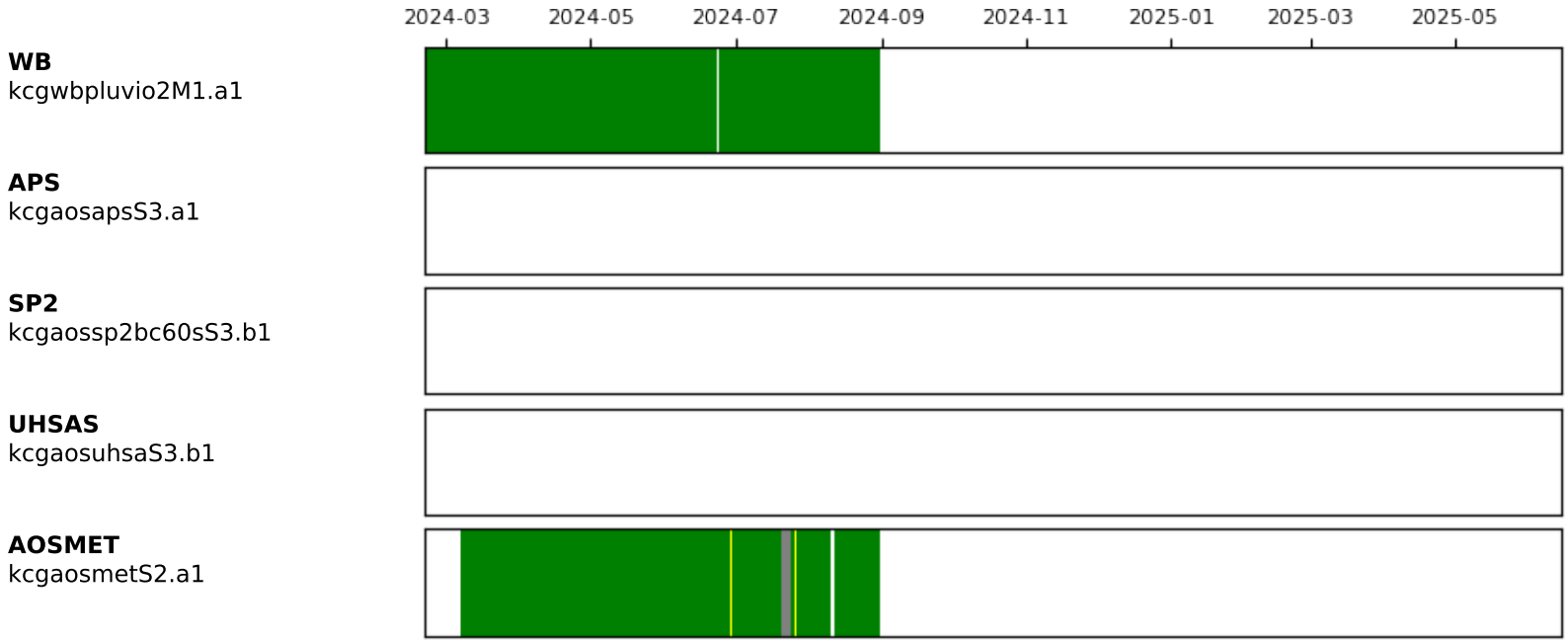
kennaook / Cape Grim, Tasmania, Australia; AMF2 (main site for CAPE-k)

Atmospheric Radiation Measurement User Facility




2024-03
2024-05
2024-07
2024-09
2024-11
2025-01
2025-03
2025-05
WB
kcgwbpluvio2M1.a1
APS
kcgaosapsS3.a1
SP2
kcgaossp2bc60sS3.b1
UHSAS
kcgaosuhsaS3.b1
AOSMET
kcgaosmetS2.a1

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
kcgmawsM1.b1	D240528.2	Missing	Missing Data due to Comms Issue	2024-05-23T13:51:07	2024-05-28T13:55:04
kcgmawsM1.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
kcgmplpolfsM1.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	D240820.1	Missing	Missing Data	2024-07-02T04:00:00	2024-07-03T03:13:44
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
kcgsondewnpnM1.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. 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., Cook, D., Shi, Y., Keeler, E., & Pal, S. Eddy Correlation Flux Measurement System (ECORSF). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1494128
IRT	Shi, Y., Howie, J., Goldberger, L., & Morris, V. Infrared Thermometer (GNDIRT). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1366509
LDIS	Wang, D., Zhu, Z., & 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
RWP	Muradyan, P. Radar Wind Profiler (1290RWPPRECIPCON). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1972920
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
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. https://doi.org/10.5439/1475460
SONDE	Keeler, E., Burk, K., & Kyrouac, J. Balloon-Borne Sounding System (SONDEWNPN). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1595321

ARM Data Object Identifier (DOI) Table

Instrument	DOI
VDIS	Wang, D., & Zhu, Z. 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
APS	Singh, A., Oliveira, D., Koontz, A., Sedlacek, A., & Kuang, C. Aerodynamic Particle Sizer (AOSAPS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1407135
SP2	Sedlacek, A., Hayes, C., & Enekwizu, O. Single Particle Soot Photometer (SP2). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1973739
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. https://doi.org/10.5439/1409033
AOSMET	Kyrouac, J., & Tuftedal, M. Meteorological Measurements associated with the Aerosol Observing System (AOSMET). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984920