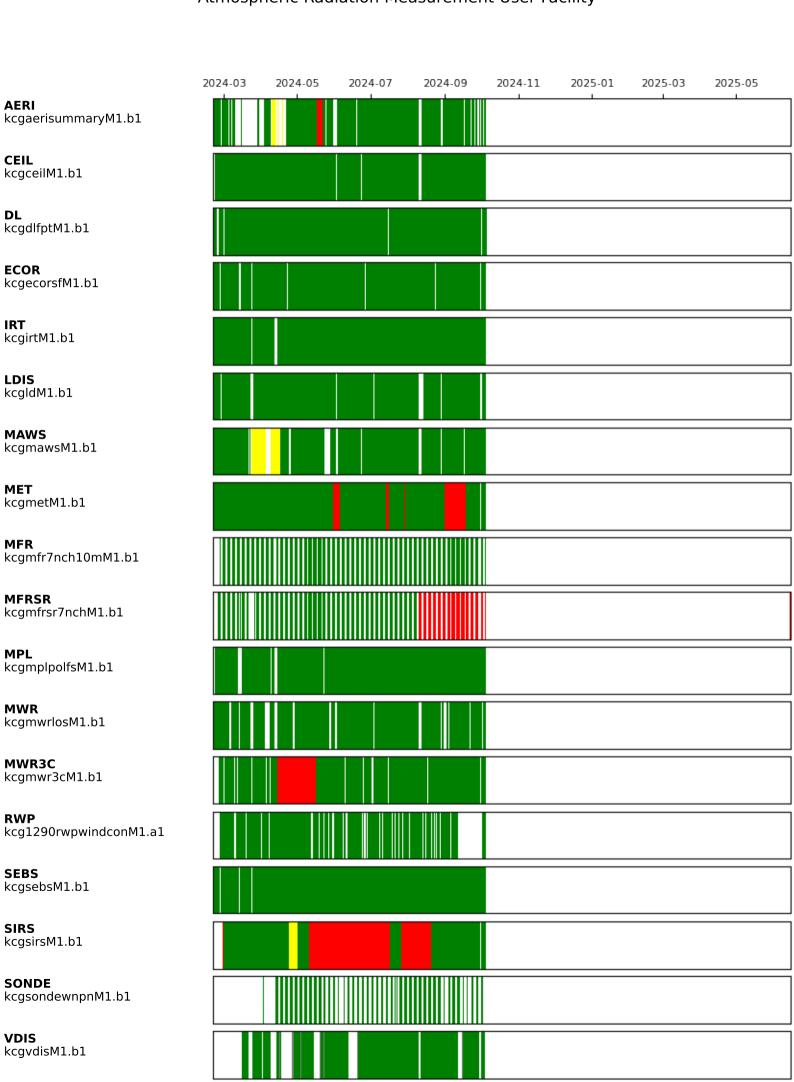
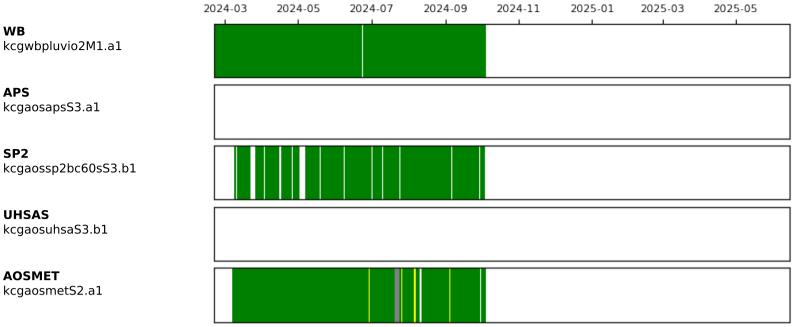
kennaook/Cape Grim, Tasmania, Australia; AMF2 (main site for CAPE-k) Atmospheric Radiation Measurement User Facility





WB

APS

SP2

UHSAS

AOSMET kcgaosmetS2.a1

kcgwbpluvio2M1.a1

kcgaosapsS3.a1

kcgaosuhsaS3.b1

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	D240829.2	Missing	Mirror Controller Locked Up	2024-08-28T15:10:56	2024-08-29T20:12:08
kcgaerisummaryM1.b1	D240520.4	Suspect	Scene Mirror Motor Fault	2024-04-08T21:00:00	2024-04-22T02:55:00
kcgceilM1.b1	D240823.2	Missing	No Data due to Data System Outage	2024-08-10T08:12:07	2024-08-12T06:17:40
kcgldM1.b1	D240905.2	Incorrect	Incorrect Data	2024-09-04T00:00:00	2024-09-04T01:30:00
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	D240826.1	Incorrect	False Precipitation Data	2024-06-05T23:21:00	2024-06-05T23:21:59
kcgmetM1.b1	D240918.3	Incorrect	Humidity Data Incorrect	2024-09-03T00:25:00	2024-09-18T01:48:00
kcgmetM1.b1	D240614.24	Incorrect	Broken Wind Sensor	2024-05-30T20:27:00	2024-06-05T02:30:00
kcgmetM1.b1	D240916.1	Incorrect	Tower Damage Due to High Winds	2024-08-31T07:45:00	2024-09-12T03:00:00
kcgmfrsr7nchM1.b1	D240923.4	Incorrect	Reprocessing Request	2024-08-09T00:00:00	3001-01-01 00:00:00
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
kcgmwrlosM1.b1	D240918.2	Missing	Missing Data	2024-08-30T17:28:46	2024-09-02T00:09:44
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
kcgsirsM1.b1	D240513.1	Suspect	Questionable Data	2024-04-24T00:00:00	2024-05-01T02:49:00
kcgsondewnpnM1.b1	D240516.1	Missing	Missing Data	2024-04-24T00:00:00	2024-04-24T23:59:59
kcgvdisM1.b1	D240919.1	Missing	No Data	2024-09-12T00:00:00	2024-09-15T23:59:59
kcgvdisM1.b1	D240627.1	Missing	Missing Data	2024-06-13T00:00:00	2024-06-20T23:59:59
kcgaossp2bc60sS3.b1	D240906.2	Missing	Data Missing	2024-05-02T02:38:00	2024-05-06T23:27:00
kcgaosmetS2.a1	D240725.1	Missing	Missing Data	2024-07-20T22:06:01	2024-07-24T21:04:59
kcgaosmetS2.a1	D240910.1	Suspect	Precipitation Data High	2024-08-06T00:00:00	2024-08-06T23:59:59
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	Jackson, R., Sedlacek, A., Salwen, C., & Hayes, C. Single Particle Soot Photometer (AOSSP2BC60S). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1807910
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