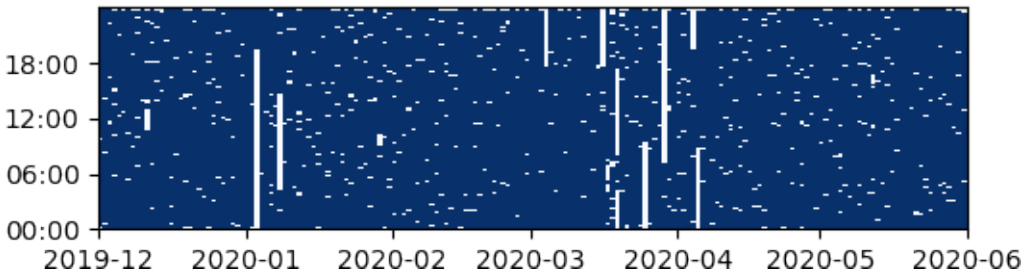
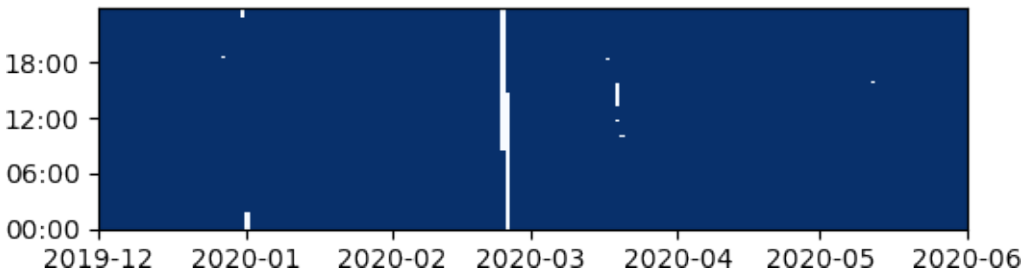
Andenes, Norway; AMF1 (main site for COMBLE)

Atmospheric Radiation Measurement User Facility

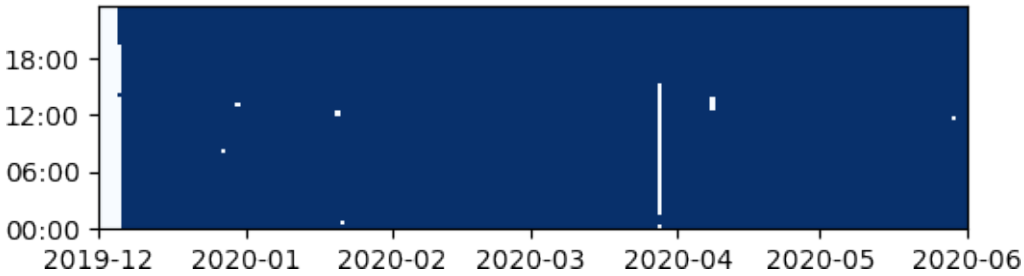
Atmospheric Emitted Radiance Interferometer (AERI): summary data
ARM Name: AERI
Datastream: anxaerisummaryM1.b1
Gero, J., Garcia, R., Hackel, D., Ermold, B., & Gaustad, K. (2019). Atmospheric Emitted Radiance Interferometer (AERICH1). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025143.



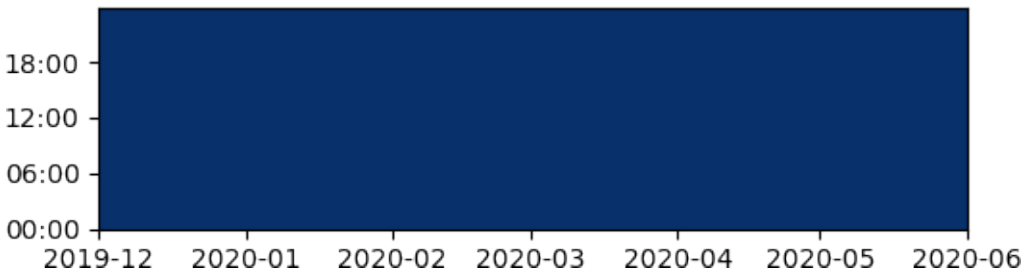
Ceilometer (CEIL): cloud-base heights
ARM Name: CEIL
Datastream: anxceilM1.b1
Morris, V., Zhang, D., & Ermold, B. (2019). Ceilometer (CEIL10M). Atmospheric Radiation Measurement (ARM) user facility.



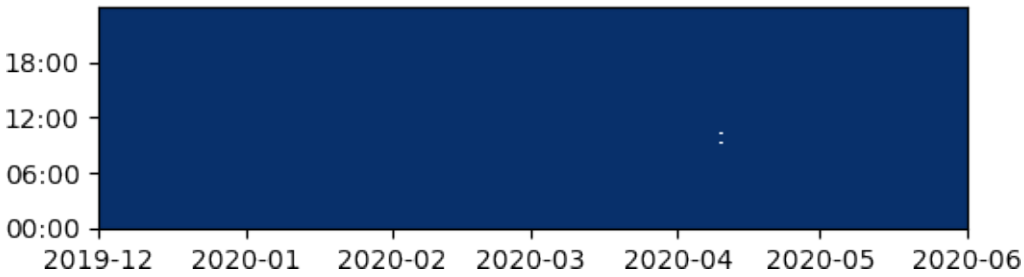
ECOR: surface vertical fluxes of momentum, sensible heat, and latent heat, 30-min avg
ARM Name: ECOR
Datastream: anx30ecorM1.b1
Sullivan, R., Billesbach, D., & Keeler, E. (2019). Eddy Correlation Flux Measurement System (30ECOR). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025039.



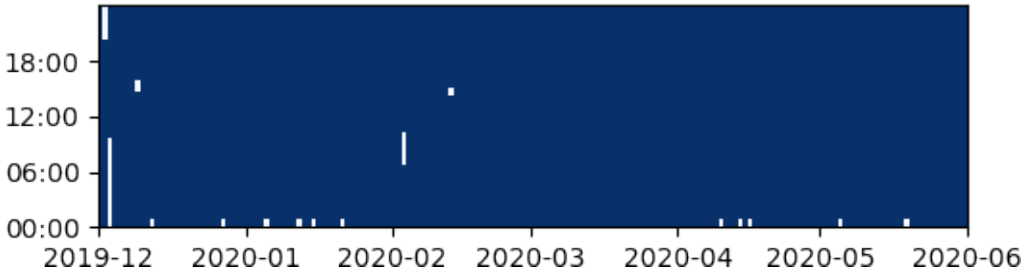
Ground radiation sensor: 60-second upwelling
ARM Name: GNDRAD
Datastream: anxgndrad60sM1.b1
Sengupta, M., Andreas, A., Habte, A., Kutchenreiter, M., Reda, I., Xie, Y., & Gotseff, P. (2019). Ground Radiometers on Stand for Upwelling Radiation (GNDRAD60S). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025192.



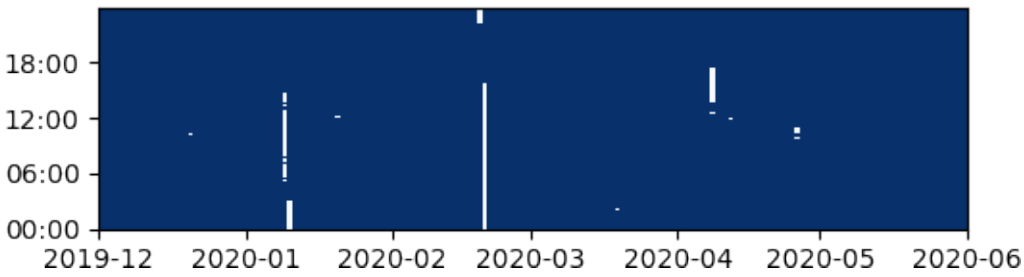
Infrared Thermometer: Sky brightness temperature
ARM Name: IRT
Datastream: anxirtM1.b1
Morris, V., & Howie, J. (2019). Infrared Thermometer (GNDIRT). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1376838.



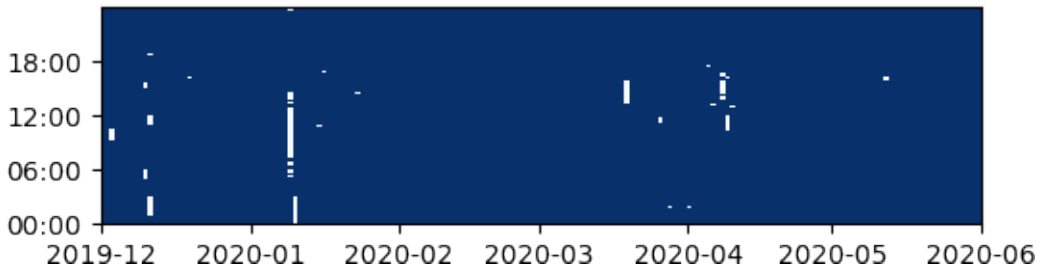
Ka-Band ARM Zenith RADAR (KAZR); general mode
ARM Name: KAZR
Datastream: anxkazrcfrgeM1.a1
Lindenmaier, I., Johnson, K., Nelson, D., Isom, B., Matthews, A., Wendler, T., & Castro, V. (2019). Ka ARM Zenith Radar (KAZRCFRGE). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1498936.



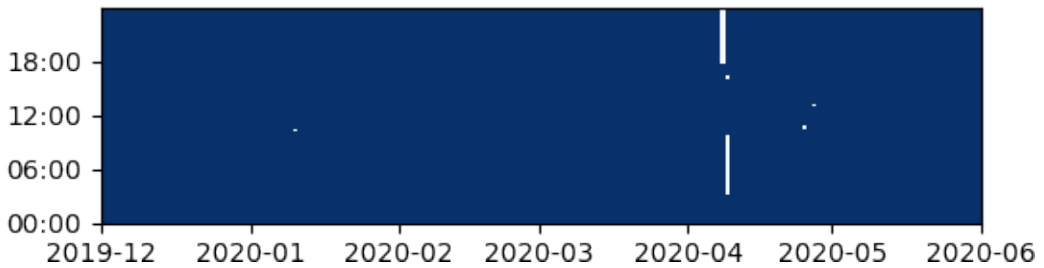
Laser disdrometer
ARM Name: LDIS
Datastream: anxldM1.b1
Shi, Y. (2019). Laser Disdrometer (LD). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1498731.



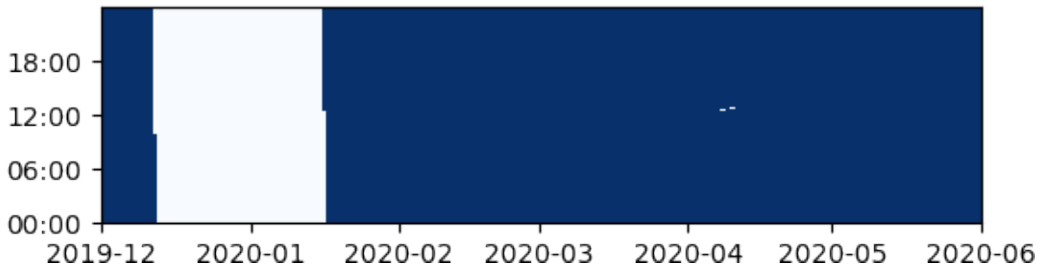
Vaisala Automatic Weather Station
ARM Name: MAWS
Datastream: anxmawsM1.b1
Keeler, E., Kyrouac, J., & Ermold, B. (2019). Automatic Weather Station (MAWS). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1182027.



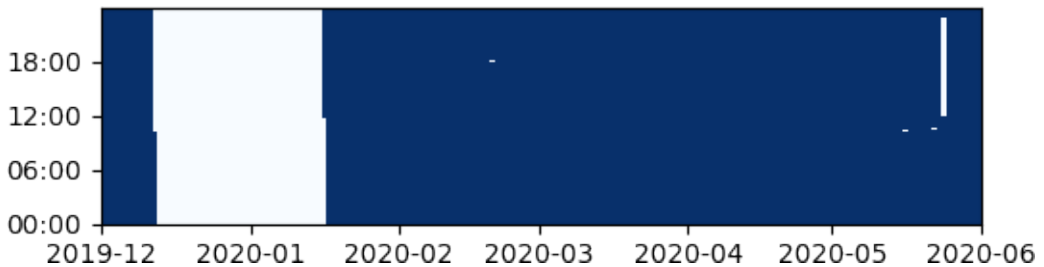
Surface Meteorological Instrumentation
ARM Name: MET
Datastream: anxmetM1.b1
Kyrouac, J., & Holdridge, D. (2019). Surface Meteorological Instrumentation (MET). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025220.



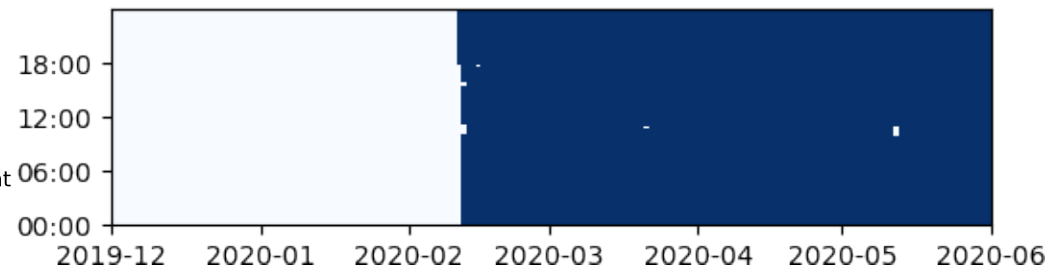
Multi-Filter Radiometer (MFR): upwelling irradiance at 10-meter height
ARM Name: MFR
Datastream: anxmfr10mM1.b1
Hodges, G., & Herrera, C. (2019). Multifilter Radiometer (MFR10M). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025224.



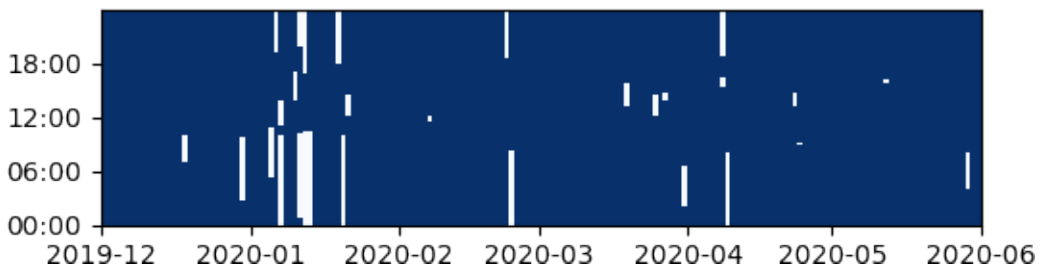
Multi-Filter Rotating Shadowband Radiometer (MFRSR): irradiances
ARM Name: MFRSR
Datastream: anxmfrsrM1.b1
Hodges, G., & Herrera, C. (2019). Multifilter Rotating Shadowband Radiometer (MFRSR). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1023898.



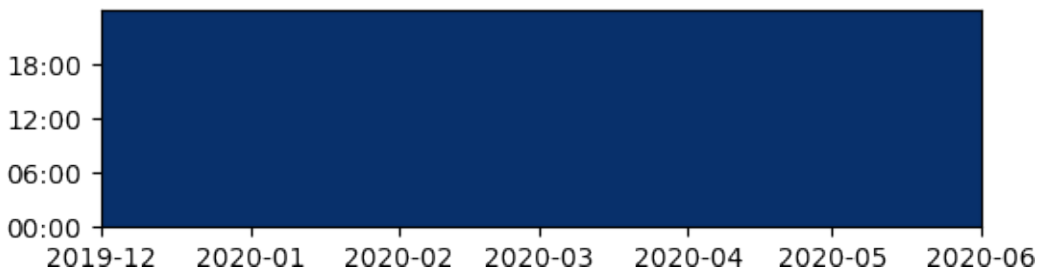
Micropulse Lidar (MPL) polarized, fast switching: cloud base and top heights
ARM Name: MPL
Datastream: anxmplpolfsM1.b1
Cromwell, E., Koontz, A., Muradyan, P., & Coulter, R. (2020). Micropulse Lidar (MPLPOLFS). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1320657.



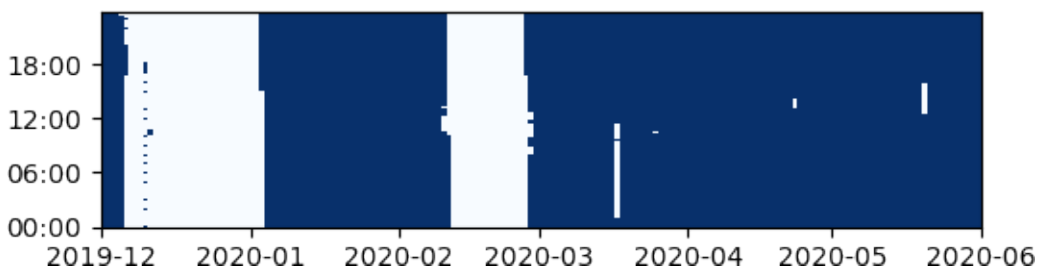
Microwave Water Radiometer (MWR): water liq. & vapor along line of sight (LOS) path
ARM Name: MWR
Datastream: anxmwrlosM1.b1
Cadeddu, M. (2019). Microwave Radiometer (MWRLOS). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1046211.



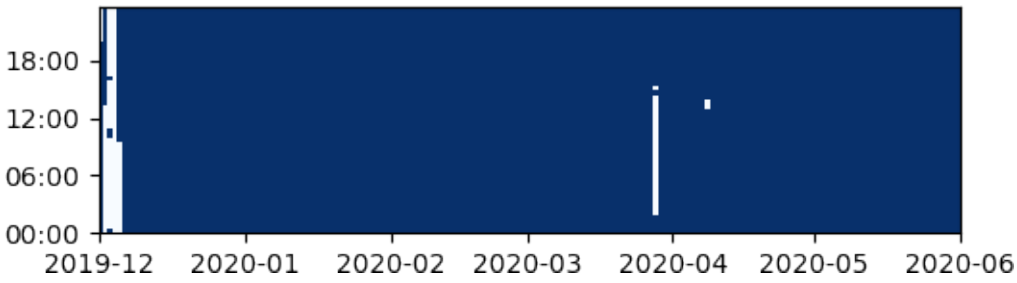
Narrow Field of View 2-Channel Radiometer
ARM Name: NFOV
Datastream: anxnfov2chM1.b1
Hodges, G., & Herrera, C. (2019). Narrow Field of View Zenith Radiometer (NFOV2CH). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025257.



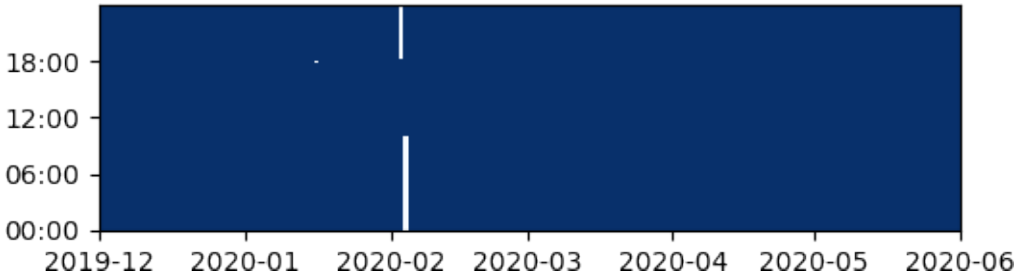
1290-MHz Radar Wind Profiler, precipitation consensus data
ARM Name: RWP
Datastream: anx1290rwpprecipconM1.a1, anx1290rwpwindconM1.a1
Muradyan, P. (2019). Radar Wind Profiler (1290RWPPRECIPCON). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1482572.



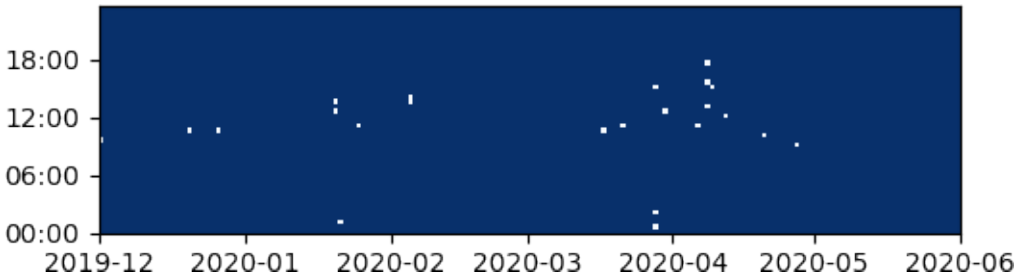
Surface Energy Balance System
ARM Name: SEBS
Datastream: anxsebsM1.b1
Sullivan, R., & Keeler, E. (2019). Surface Energy Balance System (SEBS). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025274.



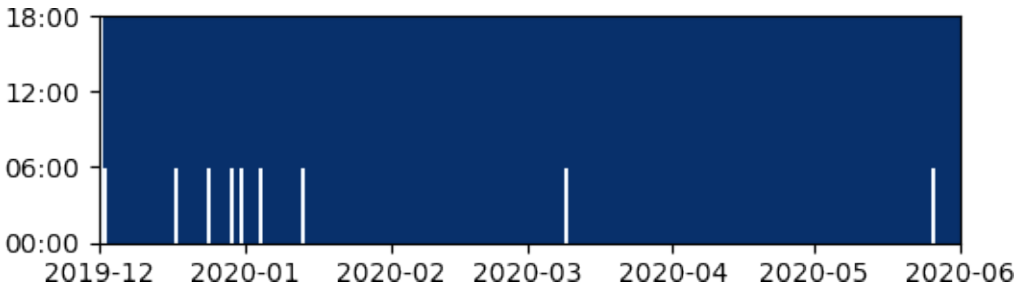
Sky radiation sensor: 60-second downwelling irradiances
ARM Name: SKYRAD
Datastream: anxskyrad60sM1.b1
Sengupta, M., Andreas, A., Habte, A., Kutchenreiter, M., Reda, I., Xie, Y., & Gotseff, P. (2019). Sky Radiometers on Stand for Downwelling Radiation (SKYRAD60S). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025281.



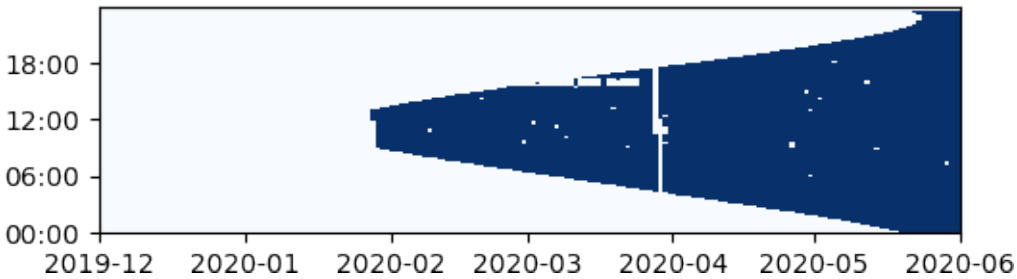
Mini Sound Detection and Ranging (SODAR)
ARM Name: SODAR
Datastream: anxsodarM1.b1
Muradyan, P. (2019). Mini Sound Detection and Ranging (SODAR). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1150265.



Balloon-borne sounding system (BBSS): Vaisala-processed winds, press., temp, &RH
ARM Name: SONDE
Datastream: anxsondewnpnM1.b1
Keeler, E., & Kyrouac, J. (2019). Balloon-Borne Sounding System (SONDEWNPN). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1021460.



Total Sky Imager (TSI): fractional sky coverage
ARM Name: TSI
Datastream: anxtsiskycoverM1.b1
Morris, V., & Flynn, D. (2020). Total Sky Imager (TSISKYCOVER). Atmospheric Radiation Measurement (ARM) user facility. doi: 10.5439/1025308.



Pluvio-2 Weighing Bucket Precipitation Gauge
ARM Name: WB
Datastream: anxwbpluvio2M1.a1
Wang, D., Bartholomew, M., & Cromwell, E. (2019). Weighing Bucket Precipitation Gauge (WBPLUVIO2). Atmospheric Radiation Measurement (ARM) user facility.