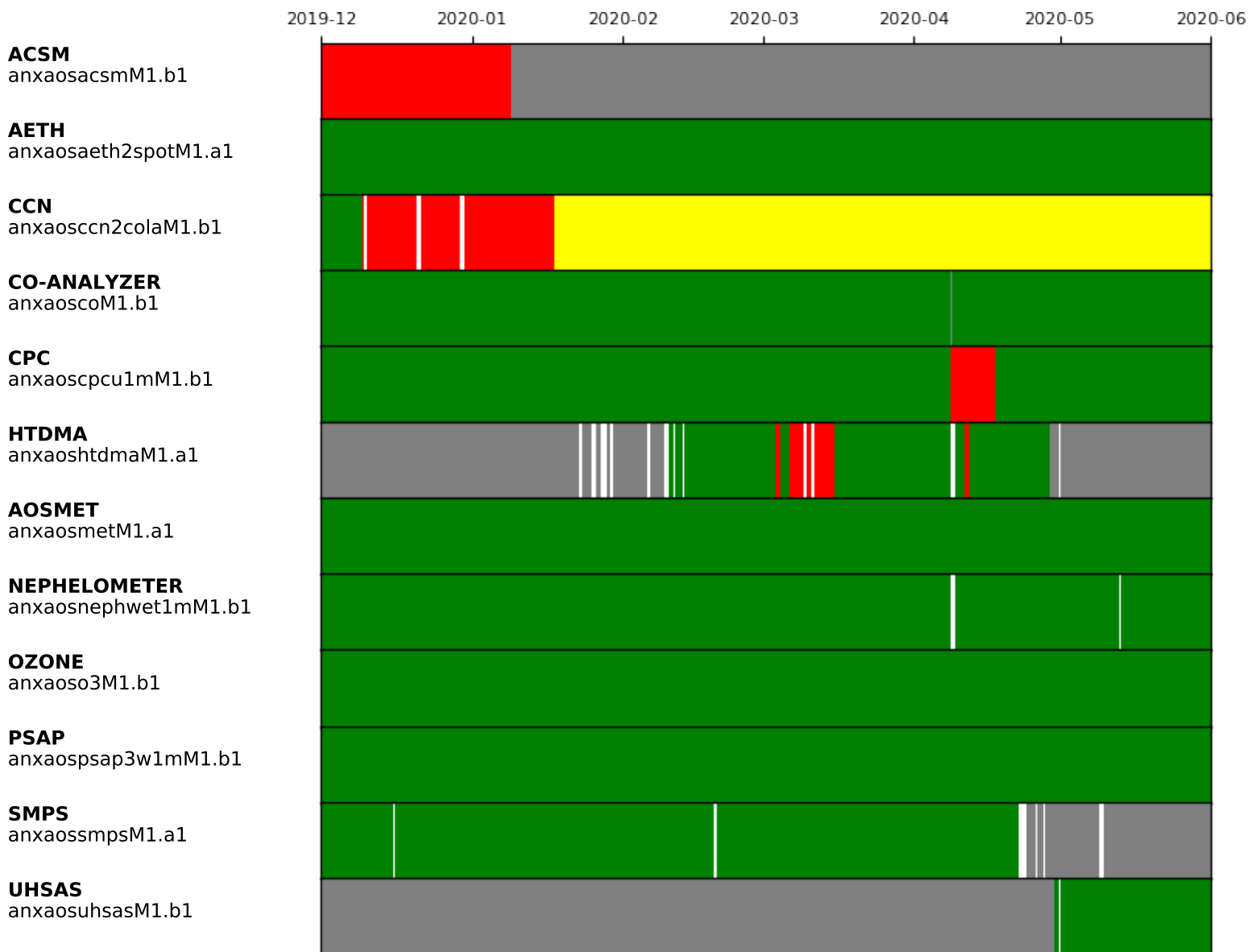


Andenes, Norway; AMF1 (main site for COMBLE)

Atmospheric Radiation Measurement User Facility



ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|----------------------|------------|-----------|--|-----------------|-----------------|
| anxaosacsmM1.b1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaosacsmM1.b1 | D210818.14 | missing | Failed Detector and P3 Turbo Molecular Pump | 20200108.234200 | 20200531.235959 |
| anxaosacsmM1.b1 | D200501.2 | incorrect | Failed Detector and P3 Turbo Molecular Pump | 20191121.150000 | 20200108.234106 |
| anxaosaeth2spotM1.a1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaosccn2colaM1.b1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaosccn2colaM1.b1 | D200528.1 | incorrect | Flow Issues | 20191209.100000 | 20200118.000000 |
| anxaosccn2colaM1.b1 | D200122.3 | suspect | Counting Issues in Column A | 20191209.110000 | 20200601.000000 |
| anxaoscoM1.b1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaoscoM1.b1 | D200408.7 | missing | Power Failure caused Laser Lock Failure | 20200408.123800 | 20200408.182000 |
| anxaoscpcu1mM1.b1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaoscpcu1mM1.b1 | D200501.6 | incorrect | Incorrect Data | 20200408.125000 | 20200417.142000 |
| anxaoshtdmaM1.a1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaoshtdmaM1.a1 | D200513.1 | missing | No Particle Counts | 20200428.210000 | 20200531.235959 |
| anxaoshtdmaM1.a1 | D200317.1 | incorrect | Flow Issues | 20200306.120000 | 20200315.130000 |
| anxaoshtdmaM1.a1 | D200312.1 | missing | Data System and Flow Issues | 20191110.000000 | 20200210.120000 |
| anxaoshtdmaM1.a1 | D200413.2 | incorrect | Dry Air System Failure | 20200411.094500 | 20200412.130000 |
| anxaoshtdmaM1.a1 | D200309.1 | incorrect | Instrument Maintenance | 20200303.120000 | 20200304.160000 |
| anxaosmetM1.a1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaosmetM1.a1 | D200417.1 | incorrect | Wind Direction Offset Incorrect | 20191014.070000 | 20191102.100900 |
| anxaosnephwet1mM1.b1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaospsap3w1mM1.b1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaossmmpsM1.a1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaossmmpsM1.a1 | D200605.5 | missing | No Data | 20200422.100044 | 20200531.235959 |
| anxaosuhsasM1.b1 | D200408.6 | missing | ANX Power Failure - Generator Failed (?) | 20200408.123800 | 20200408.142500 |
| anxaosuhsasM1.b1 | D200501.10 | suspect | Timestamp is off by an average of 1843.6 seconds | 20200408.141619 | 20200413.085300 |
| anxaosuhsasM1.b1 | D200914.5 | missing | The new aosuhsas.b1 datastream needs to be created for anxM1 | 20191007.000000 | 20200430.000000 |

ARM Data Object Identifier (DOI) Table

| Instrument | DOI |
|--------------|---|
| ACSM | Zawadowicz, M., & Watson, T. Aerosol Chemical Speciation Monitor (AOSACSM). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1558768 |
| AETH | Koontz, A. Aethalometer (AOSAETH2SPOT). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1211529 |
| CCN | Uin, J., Salwen, C., & Senum, G. Cloud Condensation Nuclei Particle Counter (AOSCCN2COLA). Atmospheric Radiation Measurement (ARM) User Facility. |
| CO-ANALYZER | Trojanowski, R., & Springston, S. Carbon Monoxide Analyzer (AOSCO). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1046183 |
| CPC | Kuang, C., Salwen, C., Boyer, M., & Singh, A. Condensation Particle Counter (AOSPCF1M). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1418260 |
| HTDMA | Uin, J., & Cromwel, E. Humidified Tandem Differential Mobility Analyzer (AOSHTDMA). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1095581 |
| AOSMET | Kyrouac, J., & Springston, S. Meteorological Measurements associated with the Aerosol Observing System (AOSMET). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025153 |
| NEPHELOMETER | Uin, J., Salwen, C., & Senum, G. Nephelometer (AOSNEPHDRY1M). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1259232 |
| OZONE | Springston, S., & Koontz, A. Ozone Monitor (AOSO3). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1346692 |
| PSAP | Trojanowski, R., Springston, S., & Salwen, C. Particle Soot Absorption Photometer (AOSPSAP3W1M). Atmospheric Radiation Measurement (ARM) User Facility. |
| SMPS | Kuang, C., Koontz, A., & Singh, A. Scanning mobility particle sizer (AOSSMPS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1225453 |
| UHSAS | Uin, J., Senum, G., Koontz, A., & Flynn, C. Ultra-High Sensitivity Aerosol Spectrometer (AOSUHSAS). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1409033 |