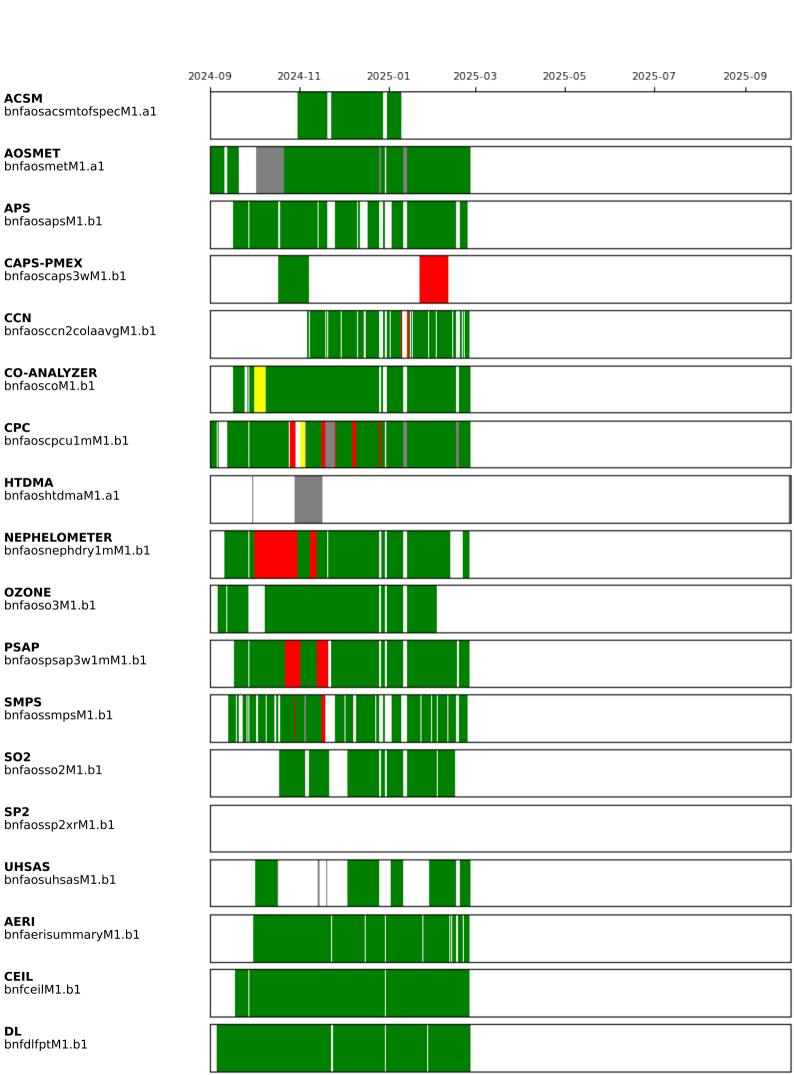
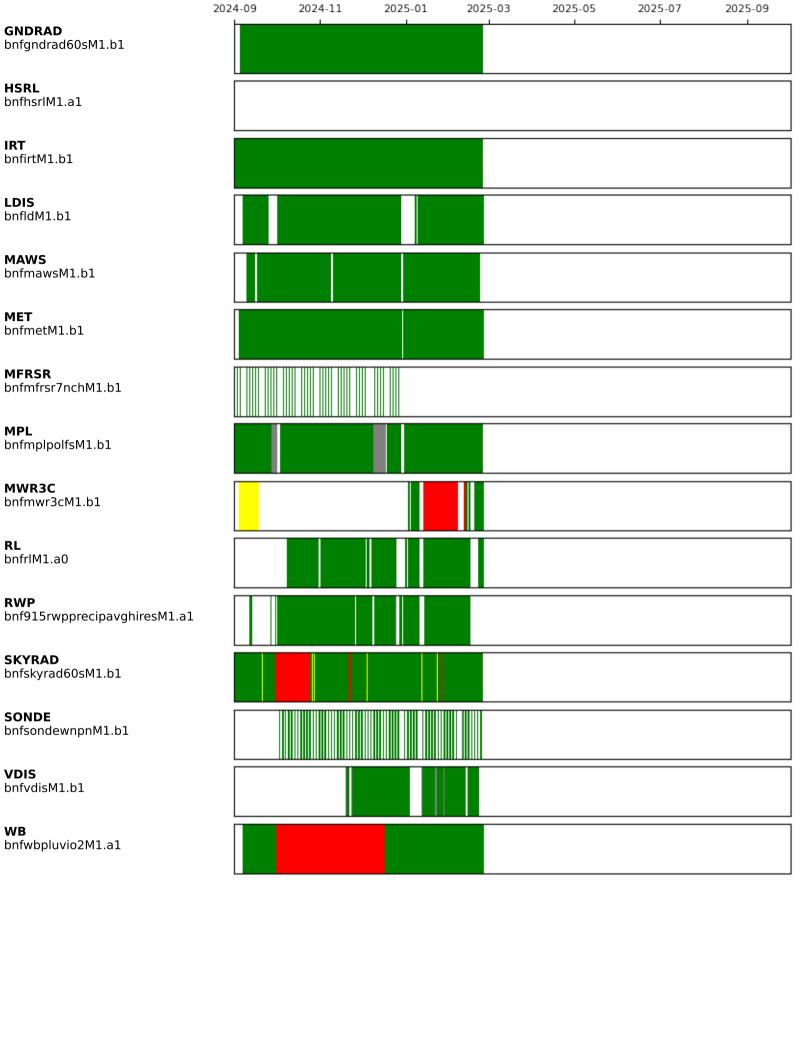
### Bankhead National Forest, AL, AMF3 (Main Site)

Atmospheric Radiation Measurement User Facility





# ARM Data Quality Report (DQR) Table

| Datastream            | DQR       | Quality   | Subject   | Start Date          | End Date            |
|-----------------------|-----------|-----------|---|---------------------|---------------------|
| bnfaosacsmtofspecM1.a | D250214.6 | Missing   | Power Outage  | 2024-12-27T19:10:14 | 2024-12-30T19:45:24 |
| bnfaosacsmtofspecM1.a | D241203.8 | Missing   | Data Missing  | 2024-11-19T20:12:43 | 2024-11-22T20:03:15 |
| bnfaosmetM1.a1        | D250203.3 | Missing   | No Data   | 2024-12-29T04:36:25 | 2024-12-30T14:34:49 |
| bnfaosmetM1.a1        | D241031.1 | Missing   | Failed Power and Intermittent Communications                  | 2024-10-01T00:00:00 | 2024-10-21T20:27:59 |
| bnfaosapsM1.b1        | D250130.4 | Missing   | Missing Data  | 2025-01-10T16:51:27 | 2025-01-13T14:49:39 |
| bnfaosapsM1.b1        | D250219.1 | Missing   | Missing data  | 2025-02-16T05:48:20 | 2025-02-18T15:21:25 |
| bnfaosapsM1.b1        | D250121.1 | Missing   | Missing Data  | 2024-12-29T04:00:00 | 2025-01-02T22:48:14 |
| bnfaosapsM1.b1        | D241218.1 | Missing   | Missing Data  | 2024-12-12T16:17:56 | 2024-12-17T19:59:54 |
| bnfaosapsM1.b1        | D241125.4 | Missing   | No Data   | 2024-11-19T19:00:00 | 2024-11-25T16:00:00 |
| bnfaoscaps3wM1.b1     | D250213.3 | Incorrect | Incorrect Data  | 2025-01-21T18:00:00 | 2025-02-10T23:59:00 |
| bnfaosccn2colaavgM1.b | D250106.8 | Missing   | No Data due to Power Outage at BNF Site                       | 2024-12-29T04:37:08 | 2024-12-30T15:00:00 |
| bnfaosccn2colaavgM1.b | D241126.1 | Missing   | No Data   | 2024-11-19T19:00:00 | 2024-11-20T22:00:00 |
| bnfaosccn2colaavgM1.b | D250110.1 | Missing   | CCN Shutdown due to Cold Weather                              | 2025-01-10T12:31:07 | 2025-01-13T17:02:19 |
| bnfaosccn2colaavgM1.b | D250109.3 | Incorrect | Dry Shutdown of CCN due to Cold Weather Power<br>Outage       | 2025-01-09T15:00:00 | 2025-01-10T13:00:00 |
| bnfaosccn2colaavgM1.b | D250114.4 | Incorrect | CCN Startup and Flow Calibration after Cold<br>Weather Outage | 2025-01-13T14:50:00 | 2025-01-14T21:00:00 |
| bnfaoscoM1.b1         | D241209.8 | Suspect   | Sample Line Disruption  | 2024-10-01T03:00:00 | 2024-10-08T20:00:00 |
| bnfaoscoM1.b1         | D250204.1 | Missing   | Missing Data  | 2024-12-25T14:51:48 | 2024-12-26T15:28:18 |
| bnfaoscpcu1mM1.b1     | D250109.2 | Missing   | Missing Data  | 2024-12-29T04:37:12 | 2024-12-30T15:18:27 |
| bnfaoscpcu1mM1.b1     | D241125.3 | Missing   | No Data   | 2024-11-18T15:00:00 | 2024-11-25T16:00:00 |
| bnfaoscpcu1mM1.b1     | D241116.3 | Missing   | Missing Data  | 2024-10-29T14:23:32 | 2024-11-01T17:34:24 |
| bnfaoscpcu1mM1.b1     | D250130.4 | Missing   | Missing Data  | 2025-01-10T16:51:27 | 2025-01-13T14:49:39 |
| bnfaoscpcu1mM1.b1     | D250219.2 | Missing   | Missing Data  | 2025-02-16T05:39:59 | 2025-02-17T20:45:00 |
| bnfaoscpcu1mM1.b1     | D241209.2 | Incorrect | Incorrect Data  | 2024-12-07T03:00:00 | 2024-12-09T16:00:00 |
| bnfaoscpcu1mM1.b1     | D241125.5 | Incorrect | Incorrect Data  | 2024-11-25T16:00:00 | 2024-11-25T19:00:00 |
| bnfaoscpcu1mM1.b1     | D241116.4 | Suspect   | Suspect   | 2024-11-01T06:00:00 | 2024-11-05T06:00:00 |
| bnfaoshtdmaM1.a1      | D241205.4 | Missing   | Missing Data  | 2024-09-30T20:00:00 | 3001-01-01 00:00:00 |
| bnfaosnephdry1mM1.b1  | D241105.3 | Incorrect | Bulb Burned Out   | 2024-10-01T04:14:41 | 2024-10-30T23:59:59 |
| bnfaosnephdry1mM1.b1  | D241127.1 | Incorrect | Nephelometer Bulb Burned Out                                  | 2024-11-08T03:00:00 | 2024-11-12T18:00:00 |
| bnfaosnephdry1mM1.b1  | D250107.6 | Missing   | Data Missing  | 2024-12-29T04:37:11 | 2024-12-30T14:32:12 |
| bnfaosnephdry1mM1.b1  | D250121.5 | Missing   | Instrument Offline  | 2025-01-10T16:51:23 | 2025-01-13T14:48:44 |

# ARM Data Quality Report (DQR) Table

| Datastream             | DQR        | Quality   | Subject  | Start Date          | End Date            |
|------------------------|------------|-----------|--|---------------------|---------------------|
| bnfaosnephdry1mM1.b1   | D250106.6  | Missing   | Data Missing   | 2024-12-25T14:51:48 | 2024-12-27T15:00:00 |
| bnfaoso3M1.b1          | D250204.4  | Missing   | Missing Data   | 2024-12-29T04:37:06 | 2024-12-30T14:59:10 |
| bnfaospsap3w1mM1.b1    | D250214.9  | Missing   | Power Outage   | 2025-01-10T16:51:26 | 2025-01-13T14:56:07 |
| bnfaospsap3w1mM1.b1    | D241029.1  | Incorrect | Bad Data   | 2024-10-01T00:00:00 | 2024-10-01T14:00:00 |
| bnfaospsap3w1mM1.b1    | D241025.1  | Incorrect | Incorrect PSAP Data  | 2024-10-22T13:43:00 | 2024-10-24T13:43:00 |
| bnfaospsap3w1mM1.b1    | D241125.1  | Incorrect | PSAP Leaking   | 2024-10-22T13:51:00 | 2024-11-01T19:46:00 |
| bnfaospsap3w1mM1.b1    | D241125.2  | Incorrect | Flow Pump Failed   | 2024-11-12T23:00:00 | 2024-11-22T20:05:00 |
| bnfaossmpsM1.b1        | D250219.2  | Missing   | Missing Data   | 2025-02-16T05:39:59 | 2025-02-17T20:45:00 |
| bnfaossmpsM1.b1        | D250127.5  | Missing   | Missing Data   | 2025-01-22T16:45:02 | 2025-01-23T14:50:00 |
| bnfaossmpsM1.b1        | D241209.1  | Missing   | Missing Data   | 2024-12-07T13:54:57 | 2024-12-09T15:00:00 |
| bnfaossmpsM1.b1        | D250109.1  | Missing   | No Data  | 2024-12-29T04:30:01 | 2025-01-02T22:45:00 |
| bnfaossmpsM1.b1        | D241029.12 | Missing   | Missing Data   | 2024-10-14T20:20:01 | 2024-10-16T16:15:00 |
| bnfaossmpsM1.b1        | D241125.3  | Missing   | No Data  | 2024-11-18T15:00:00 | 2024-11-25T16:00:00 |
| bnfaossmpsM1.b1        | D250127.4  | Missing   | Missing Data   | 2025-01-10T16:45:02 | 2025-01-13T16:00:05 |
| bnfaossmpsM1.b1        | D241125.5  | Incorrect | Incorrect Data   | 2024-11-16T00:30:00 | 2024-11-18T15:00:00 |
| bnfaossmpsM1.b1        | D241105.1  | Incorrect | Incorrect Data   | 2024-10-28T20:00:00 | 2024-10-29T18:00:00 |
| bnfaosuhsasM1.b1       | D241205.1  | Missing   | Gaps in the Data   | 2024-10-17T01:00:00 | 2024-12-03T18:00:00 |
| bnfaosuhsasM1.b1       | D250107.5  | Missing   | Missing Data   | 2024-12-25T13:59:51 | 2025-01-02T16:17:03 |
| bnfldM1.b1             | D250122.8  | Missing   | Missing Data   | 2024-12-29T04:36:01 | 2025-01-07T15:14:59 |
| bnfmplpolfsM1.b1       | D241218.2  | Missing   | Missing Data   | 2024-12-09T00:00:00 | 2024-12-18T17:25:00 |
| bnfmplpolfsM1.b1       | D241216.2  | Missing   | Missing Data   | 2024-09-27T13:46:24 | 2024-10-03T19:03:19 |
| bnfmwr3cM1.b1          | D250214.3  | Incorrect | Incorrect Values   | 2025-01-13T00:00:00 | 2025-02-13T00:00:00 |
| bnfmwr3cM1.b1          | D250211.3  | Missing   | Missing Data   | 2024-10-01T00:00:00 | 2025-01-02T12:01:21 |
| bnfmwr3cM1.b1          | D250211.2  | Suspect   | Calibration Uncertain                                      | 2024-09-04T12:00:00 | 2024-09-18T23:59:59 |
| bnfrlM1.a0             | D241112.2  | Missing   | Missing Data   | 2024-12-25T14:51:37 | 2024-12-31T16:42:10 |
| bnf915rwpprecipavghire | D250217.2  | Missing   | No Data  | 2024-12-25T00:00:00 | 2024-12-27T19:25:00 |
| bnfskyrad60sM1.b1      | D240929.3  | Incorrect | Incorrect Data   | 2024-11-30T21:41:00 | 2024-11-30T22:39:37 |
| bnfskyrad60sM1.b1      | D241112.3  | Incorrect | Data Incorrect due to Reversed Signal Polarity             | 2024-10-01T00:00:00 | 2024-10-24T18:27:00 |
| bnfskyrad60sM1.b1      | D241231.2  | Suspect   | Suspect Data due to Instrument/Environmental<br>Conditions | 2025-01-05T19:08:00 | 2025-01-05T19:22:00 |
| bnfsondewnpnM1.b1      | D250107.9  | Missing   | No SONDE Launches  | 2025-01-29T00:00:00 | 2025-01-29T23:59:59 |

# ARM Data Quality Report (DQR) Table

| Datastream        | DQR       | Quality   | Subject         | Start Date          | End Date            |
|-------------------|-----------|-----------|-----------------|---------------------|---------------------|
| bnfsondewnpnM1.b1 | D250205.2 | Missing   | No Launches     | 2025-02-10T00:00:00 | 2025-02-11T23:59:59 |
| bnfvdisM1.b1      | D241126.3 | Missing   | Missing Data    | 2024-10-01T00:00:00 | 2024-11-19T23:59:59 |
| bnfvdisM1.b1      | D250207.7 | Missing   | Missing Data    | 2025-01-28T00:00:00 | 2025-01-28T23:59:59 |
| bnfvdisM1.b1      | D241204.3 | Missing   | Missing Data    | 2024-11-22T00:00:00 | 2024-11-23T23:59:59 |
| bnfwbpluvio2M1.a1 | D250124.3 | Incorrect | Incorrect Data  | 2024-10-01T00:00:00 | 2024-12-16T23:59:59 |
| bnfwbpluvio2M1.a1 | D250123.8 | Suspect   | Suspicious Data | 2024-12-29T01:00:00 | 2024-12-29T05:00:00 |

### ARM Data Object Identifier (DOI) Table

| Instrument   | DOI   |
|--------------|---|
| ACSM         | Shilling, J., Anna, M., Shippert, T., Hayes, C., Allain, M., Salwen, C., & Behrens, B. Aerosol Chemical Speciation Monitor (AOSACSMTOFSPEC), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.   |
| AOSMET       | Kyrouac, J., & Tuftedal, M. Meteorological Measurements associated with the Aerosol<br>Observing System (AOSMET), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA;<br>Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1).<br>Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984920  |
| APS          | Singh, A., Oliveira, D., Koontz, A., Sedlacek, A., & Kuang, C. Aerodynamic Particle Sizer (AOSAPS), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1407135  |
| CAPS-PMEX    | Koontz, A., Sedlacek, A., & Smith, S. Cavity Attenuated Phase Shift Extinction Monitor (AOSCAPS3W), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1406888 Koontz, A., Uin, J., Andrews, E., Enekwizu, O., Hayes, C., & Salwen, C. Cloud Condensation |
| CCN          | Nuclei Particle Counter (AOSCCN2COLA), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.   |
| CO-ANALYZER  | Koontz, A., Springston, S., & Trojanowski, R. Carbon Monoxide Analyzer (AOSCO), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility, https://doi.org/10.5439/1250819 Flynn, C., Ermold, B., Andrews, E., Kuang, C., Hayes, C., Singh, A., & Salwen, C.                              |
| CPC          | Condensation Particle Counter (AOSCPCF1M), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.   |
| HTDMA        | Uin, J., Cromwel, E., Hayes, C., & Salwen, C. Humidified Tandem Differential Mobility<br>Analyzer (AOSHTDMA), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term<br>Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric<br>Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1095581  |
| NEPHELOMETER | Uin, J., Hayes, C., & Mayol Bracero, O. Nephelometer (AOSNEPHDRY1M), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984586   |
| OZONE        | Springston, S., Koontz, A., & Trojanowski, R. Ozone Monitor (AOSO3), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility, https://doi.org/10.5439/1346692   |
| PSAP         | Particle Soot Absorption Photometer (AOSPSAP3W1M), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.  https://doi.org/10.5439/1225037  |
| SMPS         | Kuang, C., Singh, A., Howie, J., Salwen, C., & Hayes, C. Scanning mobility particle sizer (AOSSMPS), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1476898   |
| 502          | Trojanowski, R. Sulfur Dioxide Monitor (AOSSO2), 2024-9-01 to 2025-10-01, Bankhead<br>National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL,<br>AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.<br>https://doi.org/10.5439/1250820  |
| SP2          | Sedlacek, A., Hayes, C., & Enekwizu, O. Single Particle Soot Photometer (SP2), 2024-9-01 to 2025-10-01, Challakere, Karnataka, India; Off-Site Campaign (CBCMS) (BLR), Challakere, Karnataka, India (S1). 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<br>Aerosol Spectrometer (AOSUHSAS), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL,<br>USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1).<br>Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1409033  |
| AERI         | Gero, J., Garcia, R., Hackel, D., Ermold, B., & Gaustad, K. Atmospheric Emitted Radiance<br>Interferometer (AERICH1), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA;<br>Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1).<br>Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1989299  |
| CEIL         | Zhang, D., Morris, V., & Ermold, B. Ceilometer (CEIL10M), 2024-9-01 to 2025-10-01,<br>Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National<br>Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.<br>https://doi.org/10.5439/1497398   |

### ARM Data Object Identifier (DOI) Table

| Instrument | DOI  |
|------------|--|
| DL         | Newsom, R., Shi, Y., & Krishnamurthy, R. Doppler Lidar (DLFPT), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025185 Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P.,        |
| GNDRAD     | Kutchenreiter, M., & Shi, Y. Ground Radiometers on Stand for Upwelling Radiation (GNDRAD60S), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation  |
| HSRL       | Bambha, R., Eloranta, E., Garcia, J., & Ermold, B. High Spectral Resolution Lidar (HSRL), 2024-9-01 to 2025-10-01, ARM Mobile Facility (ACX), Off the Coast of California - NOAA Ship Ronald H. Brown; AMF2 (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1972278   |
| IRT        | Shi, Y., Howie, J., Goldberger, L., & Morris, V. Infrared Thermometer (IRT), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1329238  |
| LDIS       | Zhu, Z., Wang, D., & Shi, Y. Laser Disdrometer (LD), 2024-9-01 to 2025-10-01, Bankhead<br>National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL,<br>AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.<br>https://doi.org/10.5439/1973058   |
| MAWS       | Keeler, E., Kyrouac, J., & Ermold, B. Automatic Weather Station (MAWS), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1162061   |
| МЕТ        | Kyrouac, J., Shi, Y., & Tuftedal, M. Surface Meteorological Instrumentation (MET),<br>2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility<br>(BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation<br>Measurement (ARM) User Facility. https://doi.org/10.5439/1786358   |
| MFRSR      | Hodges, G., Herrera, C., & Ermold, B. Multifilter Rotating Shadowband Radiometer (MFRSR7NCH), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). 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), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1320657   |
| MWR3C      | Cadeddu, M., Gibler, G., Koontz, A., & Tuftedal, M. Microwave Radiometer, 3 Channel (MWR3C), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1025248  |
| RL         | Newsom, R., Bambha, R., & Chand, D. Raman Lidar (RL), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1996909   |
| RWP        | Muradyan, P., & Ermold, B. Radar Wind Profiler (915RWPPRECIPAVGHIRES), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility, https://doi.org/10.5439/1572188 Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P., |
| SKYRAD     | Kutchenreiter, M., & Shi, Y. Sky Radiometers on Stand for Downwelling Radiation (SKYRAD60S), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, 4MF3 (Main Site) (M1). Atmospheric Radiation   |
| SONDE      | Keeler, E., Burk, K., & Kyrouac, J. Balloon-Borne Sounding System (SONDEWNPN), 2024-9-01<br>to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF),<br>Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement<br>(ARM) User Facility. https://doi.org/10.5439/1595321   |
| VDIS       | Zhu, Z., & Wang, D. Video Disdrometer (VDIS), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility.  https://doi.org/10.5439/199288   |
| WB         | Att, 2: Wang, D.; Jane, M.; Cromwell, E., Sturm, M., Irving, K., & Delamere, J. Weighing Bucket Precipitation Gauge (WBPLUVIO2), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1338194                                  |