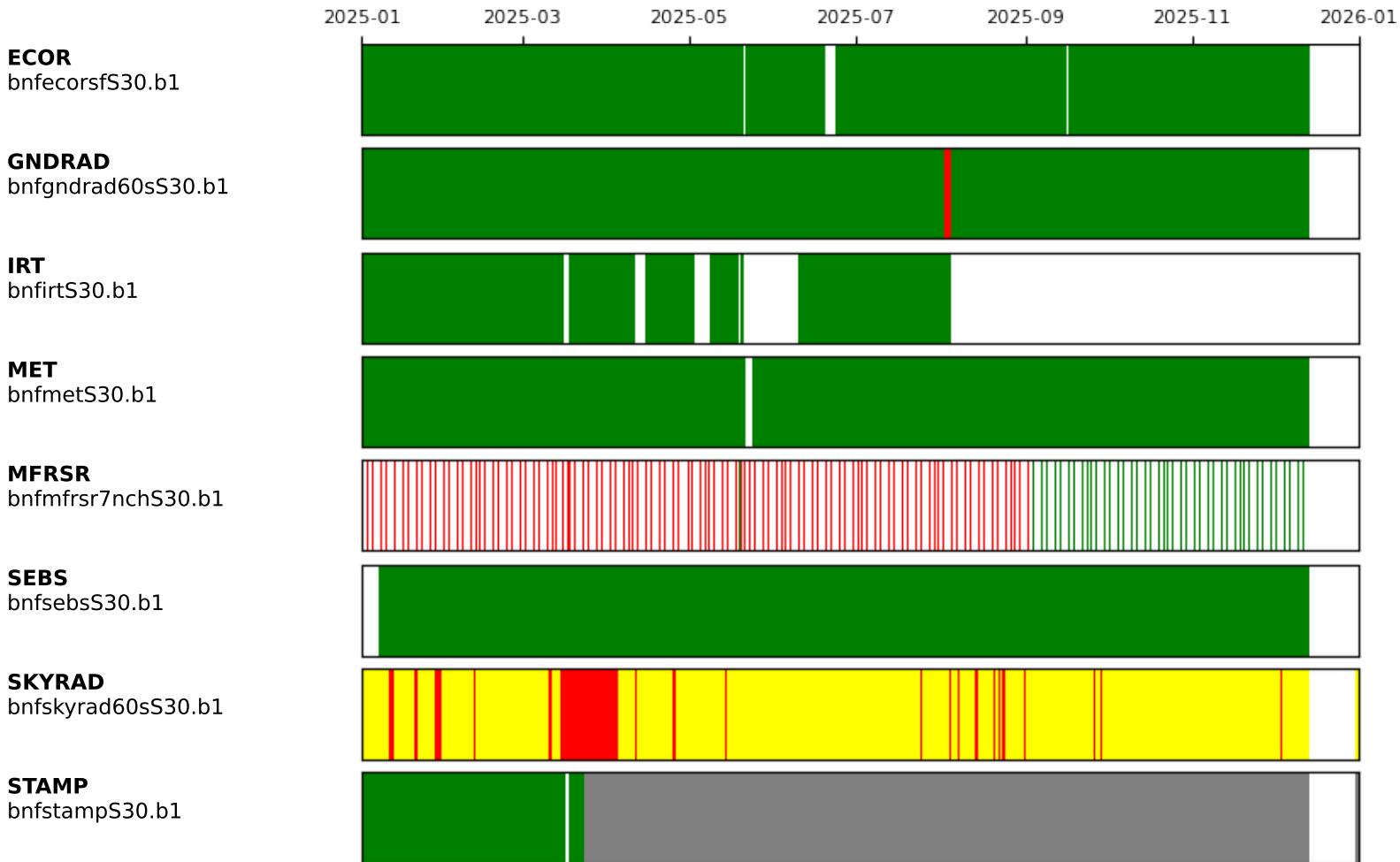


Bankhead National Forest, AL, Supplemental facility at Falkville

Atmospheric Radiation Measurement User Facility



ARM Data Quality Report (DQR) Table

| Datastream | DQR | Quality | Subject | Start Date | End Date |
|--------------------|-----------|-----------|---------------------------------------------------------|---------------------|---------------------|
| bnfecorsfS30.b1 | D250623.5 | Missing | No Data | 2025-06-19T18:30:01 | 2025-06-23T13:59:59 |
| bnfgndrad60sS30.b1 | D250818.1 | Incorrect | Incorrect Data | 2025-08-02T09:48:05 | 2025-08-04T15:36:00 |
| bnfirtS30.b1 | D250627.9 | Missing | No Data | 2025-05-21T01:21:01 | 2025-06-09T19:35:59 |
| bnfmetS30.b1 | D250603.8 | Missing | No Data | 2025-05-21T14:34:01 | 2025-05-23T19:44:59 |
| bnfmfrsr7nchS30.b1 | D250617.4 | Incorrect | Incorrect Data | 2024-11-20T16:22:40 | 2025-02-05T15:56:00 |
| bnfmfrsr7nchS30.b1 | D250509.4 | Incorrect | Incorrect Data | 2024-12-11T18:59:20 | 2025-04-17T15:02:20 |
| bnfmfrsr7nchS30.b1 | D250509.3 | Incorrect | Incorrect Data | 2024-08-20T01:25:00 | 2024-12-11T19:42:40 |
| bnfmfrsr7nchS30.b1 | D250701.5 | Incorrect | Incorrect Data | 2025-04-17T14:57:20 | 2025-09-04T16:50:00 |
| bnfskyrad60sS30.b1 | D241231.3 | Suspect | Suspect Data due to Instrument/Environmental Conditions | 2024-10-23T17:30:00 | 2024-10-23T20:00:00 |
| bnfskyrad60sS30.b1 | D250220.2 | Suspect | Questionable Data | 2025-01-01T18:00:00 | 2025-01-05T00:37:00 |
| bnfskyrad60sS30.b1 | D240929.5 | Incorrect | Incorrect Data | 2025-11-11T12:17:28 | 2025-11-11T12:24:00 |
| bnfskyrad60sS30.b1 | D250407.3 | Incorrect | Incorrect Data | 2025-03-15T00:00:00 | 2025-04-04T19:33:00 |
| bnfstampS30.b1 | D250512.5 | Missing | South 50cm Missing Data | 2025-03-23T10:00:00 | 3001-01-01 00:00:00 |

ARM Data Object Identifier (DOI) Table

| Instrument | DOI |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ECOR | Sullivan, R., Cook, D., Shi, Y., Keeler, E., & Pal, S. Eddy Correlation Flux Measurement System (ECORSF), 2025-01-01 to 2025-12-31, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, Supplemental facility for STAMP2 near Tower Site (S13). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1494128 |
| GNDRAD | Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P., Kuchenreiter, M., & Shi, Y. Ground Radiometers on Stand for Upwelling Radiation (GNDRAD60S), 2025-01-01 to 2025-12-31, 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/10.5439/1377837 |
| IRT | Shi, Y., Howie, J., Goldberger, L., & Morris, V. Infrared Thermometer (IRT), 2025-01-01 to 2025-12-31, 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 |
| MET | Kyrouac, J., Shi, Y., & Tuftedal, M. Surface Meteorological Instrumentation (MET), 2025-01-01 to 2025-12-31, 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/10.5439/1786358 |
| MFRSR | Hodges, G., Sheffer, B., Herrera, C., & Ermold, B. Multifilter Rotating Shadowband Radiometer (MFRSR7NCH), 2025-01-01 to 2025-12-31, 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 |
| SEBS | Sullivan, R., Keeler, E., Pal, S., & Kyrouac, J. Surface Energy Balance System (SEBS), 2025-01-01 to 2025-12-31, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Tower Site) (S10). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984921 |
| SKYRAD | Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P., Kuchenreiter, M., & Shi, Y. Sky Radiometers on Stand for Downwelling Radiation (SKYRAD60S), 2025-01-01 to 2025-12-31, 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/10.5439/1377836 |
| STAMP | Kyrouac, J., Cook, D., Ermold, B., Pal, S., Sullivan, R., & Keeler, E. Soil Temperature and Moisture Profiles (STAMP), 2025-01-01 to 2025-12-31, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Tower Site) (S10). Atmospheric Radiation Measurement (ARM) User Facility. https://doi.org/10.5439/1238260 |