

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	2025-06-19T18:30:00	2025-06-23T13:59:59
bnfirtS30.b1	D250627.9	Missing	No Data	2025-05-21T01:21:00	2025-06-09T19:35:59
bnfmetS30.b1	D250603.8	Missing	No Data	2025-05-21T14:34:00	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
bnf915rwpprecipavghire	D250715.3	Missing	No Data	2025-06-27T17:00:00	2025-06-30T13:00:00
bnf915rwpprecipavghire	D250304.1	Missing	Missing Data	2024-12-25T10:30:00	2025-02-27T18:35:00
bnfskyrad60sS30.b1	D240929.5	Incorrect	Incorrect Data	2024-09-23T23:22:00	2024-09-23T23:43:54
bnfskyrad60sS30.b1	D250407.3	Incorrect	Incorrect Data	2025-03-15T00:00:00	2025-04-04T19:33:00
bnfskyrad60sS30.b1	D250220.2	Suspect	Questionable Data	2025-01-27T21:23:00	2025-01-30T03:00:00
bnfskyrad60sS30.b1	D241231.3	Suspect	Suspect Data due to Instrument/Environmental Conditions	2024-10-23T17:30:00	2024-10-23T20:00:00
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), 2024-9-01 to 2025-10-01, 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. <a href="https://doi.org/10.5439/1494128">https://doi.org/10.5439/1494128</a>
GNDRAD	Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P., 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 Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1377837">https://doi.org/10.5439/1377837</a>
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. <a href="https://doi.org/10.5439/1329238">https://doi.org/10.5439/1329238</a>
MET	Kyrouac, J., Shi, Y., & Tuftedal, M. Surface Meteorological Instrumentation (MET), 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. <a href="https://doi.org/10.5439/1786358">https://doi.org/10.5439/1786358</a>
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. <a href="https://doi.org/10.5439/1429369">https://doi.org/10.5439/1429369</a>
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. <a href="https://doi.org/10.5439/1572188">https://doi.org/10.5439/1572188</a>
SEBS	Sullivan, R., Keeler, E., Pal, S., & Kyrouac, J. Surface Energy Balance System (SEBS), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Tower Site) (S10). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1984921">https://doi.org/10.5439/1984921</a>
SKYRAD	Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P., 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, AMF3 (Main Site) (M1). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1377836">https://doi.org/10.5439/1377836</a>
STAMP	Kyrouac, J., Cook, D., Ermold, B., Pal, S., Sullivan, R., & Keeler, E. Soil Temperature and Moisture Profiles (STAMP), 2024-9-01 to 2025-10-01, Bankhead National Forest, AL, USA; Long-term Mobile Facility (BNF), Bankhead National Forest, AL, AMF3 (Tower Site) (S10). Atmospheric Radiation Measurement (ARM) User Facility. <a href="https://doi.org/10.5439/1238260">https://doi.org/10.5439/1238260</a>