

# 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>