## Bankhead National Forest, AL, Supplemental facility at Courtland Atmospheric Radiation Measurement User Facility



## ARM Data Quality Report (DQR) Table

Datastream	DQR	Quality	Subject	Start Date	End Date
bnfaerisummaryS20.b1	D250103.1	Suspect	Interferometer Intermittently Skipping Fringes	2024-10-01T00:00:00	2024-11-13T23:59:59
bnfmwr3cS20.b1	D241030.3	Missing	Missing Data	2024-10-19T14:00:00	2024-10-24T12:54:59
bnfirtS20.b1	D241114.2	Missing	Missing Data	2024-10-19T12:59:01	2024-10-22T19:20:59
bnfskyrad60sS20.b1	D240929.4	Incorrect	Incorrect Data	2024-12-10T12:44:55	2024-12-10T13:24:00
bnfskyrad60sS20.b1	D241203.3	Incorrect	Erratic Readings from PIR1	2024-10-07T08:19:00	2024-11-15T18:30:00
bnfskyrad60sS20.b1	D241203.2	Suspect	Tracker (and Instruments) Out of Alignment	2024-10-02T06:00:00	2024-11-18T16:35:00
bnfstampS20.b1	D241029.13	Missing	Missing Data	2024-10-01T00:00:00	2024-10-22T19:00:00

## ARM Data Object Identifier (DOI) Table

Instrument	DOI
AERI	Gero, J., Garcia, R., Hackel, D., Ermold, B., & Gaustad, K. Atmospheric Emitted Radiance Interferometer (AERICH1), 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/10.5439/1989299
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
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, Supplemental facility at Courtland (S20).  Atmospheric Radiation Measurement (ARM) User Facility, https://doi.org/10.5439/1025248 Sullivan, R., Cook, D., Shi, Y., Keeler, E., & Pai, S. Eddy Correlation Flux Measurement
ECOR	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 at Courtland (S20). Atmospheric Radiation Measurement (ARM) User Facility.  5 10 20 20 20 20 20 20 20 20 20 20 20 20 20
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
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
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. 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
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, Supplemental facility at Falkville (S30). Atmospheric Badiation Measurement (ARM) User Facility. https://doi.org/10.5439/1984921 Sengupta, M., Habte, A., Andreas, A., Reda, I., Jaker, S., Xie, Y., Yang, J., Gotseff, P.,
SKYRAD	Kutchenreiter, M., Na, & 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
STAMP	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, Supplemental facility at Courtland (S20). Atmospheric Radiation Measurement (ARM) User Facility.  https://doi.org/10.5439/1238260