

OKLAHOMA MESONET/ARS QUALITY ASSURANCE REPORT
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The Mesonet and ARS networks are in great shape. We only had a handful of problematic sensors during the month of November. No new problems were discovered by analyzing the monthly-averaged fields.

And now, on to the report...

Mesonet QA Report for Standard Variables	
TAIR	Current: Resolved: #2146 ELRE Meso-comparison showed no bias
RELH	Current: #2144 MANG Monthly QA indicates max observed RH too low Current: #2150 RING Sensor reporting ~30% too low Resolved: #2145 BLAC Meso-comparison showed sensor to be ok within test range Resolved: #2156 SKIA Sensor failed meso-comparison; replaced Resolved: #2162 JAYX Sensor failed meso-comparison; replaced Resolved: #2163 OKMU Sensor failed meso-comparison; replaced
WDIR	Current: Resolved:
WSPD	Current: #2158 STUA Sensor reporting 0.0 m/s for extended periods of time Current: #2165 CLAY Sensor stuck at 0.0 m/s Resolved:
PRES	Current: Resolved:
SRAD	Current: Resolved:
RAIN	Current: Resolved:
TA9M	Current: Resolved:
WS2M	Current: Resolved:
TS10	Current: #2161 FAIR Sensor reporting constant -219.3 C Resolved:
TB10	Current: Resolved:

TS05	Current: #2160 FAIR Sensor reporting constant -57.3 C Resolved:
TB05	Current: #2015 ELRE Sensor reporting 2 C warmer than neighbors Resolved:
TS30	Current: #2157 TIPT Sensor reporting constant -56.0 C Resolved:

ARS QA Report	
TAIR	Current: Resolved:
RELH	Current: Resolved: #2143 A130 Sensor replaced to correct sporadic reports
SRAD	Current: Resolved:
RAIN	Current: Resolved:
TS05	Current: Resolved:
TS10	Current: Resolved:
TS15	Current: Resolved:
TS30	Current: Resolved:

“Current” tickets are the unresolved tickets as of the last day of the month OR those tickets added based on the Monthly QA analysis.

“Resolved” tickets are the sensor problems that were fixed during the entire month.

Variable	Description
TAIR	Air temperature measured at 1.5 meters
RELH	Relative humidity measured at 1.5 meters
WDIR	Wind direction measured at 10 meters
WSPD	Wind speed measured at 10 meters
PRES	Pressure
SRAD	Incident solar radiation

RAIN	Rainfall
TA9M	Air temperature measured at 9 meters
WS2M	Wind speed measured at 2 meters
TS10	Soil temperature measured at 10 cm under native sod
TB10	Soil temperature measured at 10 cm under bare soil
TS05	Soil temperature measured at 5 cm under native sod
TB05	Soil temperature measured at 5 cm under bare soil
TS15	Soil temperature measured at 15 cm under native sod
TS30	Soil temperature measured at 30 cm under native sod