

OKLAHOMA MESONET/ARS QUALITY ASSURANCE REPORT
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Mesonet QA Report for Standard Variables	
TAIR	Current: Resolved: #5323 TIPT Replaced sensor with high bias
RELH	Current: #5332 MEDI Monthly QA indicates 5% high bias Resolved: #5293 CATO Replaced sensor with 5% high bias Resolved: #5316 WEBB Replaced suspect sensor
WDIR	Current: Resolved:
WSPD	Current: Resolved:
PRES	Current: Resolved:
SRAD	Current: #5072 KETC Monthly QA indicates 5-10% high bias Current: #5159 FAIR Sensor stuck at 0 Resolved:
RAIN	Current: #5297 BREC Under-reported rain event Resolved:
TA9M	Current: Resolved:
WS2M	Current: Resolved:
TS10	Current: Resolved: #5178 MADl Replaced suspect sensor Resolved: #5281 FTCB Repaired loose wire
TB10	Current: #5216 PUTN Sensor erratic and dropping to as low as -17.2 C Resolved: #5282 FTCB Repaired loose wire
TS05	Current: #5194 FAIR 5 C cool bias Resolved: #5283 FTCB Repaired loose wire
TB05	Current: #5215 PUTN Sensor erratic and dropping to as low as -87.5 C Resolved: #5284 FTCB Repaired loose wire

TS30	Current: #5301 WASH 9 C warm bias Resolved: #5285 FTCB Replaced loose wire

ARS QA Report	
TAIR	Current: Resolved:
RELH	Current: Resolved:
SRAD	Current: Resolved: #5294 A166 Replaced bad sensor
RAIN	Current: Resolved: #5319 A182 Replaced corroded switch Resolved: #5324 A151 Replaced bad switch Resolved: #5325 A156 Replaced corroded switch
TS05	Current: Resolved: #5326 A182 Replaced gopher-damaged sensor
TS10	Current: Resolved: #5267 A111 Replaced sensor with 2 °C cool bias
TS15	Current: Resolved: #5318 A167 Replaced sensor found chewed in half
TS30	Current: Resolved: #5299 A159 Replaced erratic sensor Resolved: #5300 A182 Replaced erratic sensor Resolved: #5334 A167 Replaced sensor found chewed in half

“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