

**OKLAHOMA MESONET/ARS QUALITY ASSURANCE REPORT**  
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Prepared by Chris Fiebrich  
[gamgr@mesonet.org](mailto:gamgr@mesonet.org)

<b>Mesonet QA Report for Standard Variables</b>	
<b>TAIR</b>	Current: Resolved: #5239 PUTN Fixed broken excitation wire on TAIR sensor
<b>RELH</b>	Current: #5264 WEBB Monthly QA indicates 5-10% high bias Resolved: #5084 WAUR Replaced sensor found to be biased 7% high during mesocomp
<b>WDIR</b>	Current: Resolved:
<b>WSPD</b>	Current: Resolved: #5241 VINI Replaced sensor with noisy bearings Resolved: #5242 WYNO Replaced sensor with noisy bearings
<b>PRES</b>	Current: Resolved:
<b>SRAD</b>	Current: #5070 HOOK Sensor found to be 6.5% high during Spring Pass 2000 comparison Current: #5072 KETC Monthly QA indicates 5-10% high bias Current: #5091 WIST Sensor found to be 5.5% low during Spring Pass 2000 comparison Current: #5097 BESS Sensor found to be 10% high during Spring Pass 2000 comparison Current: #5099 MEDF Sensor found to be 8% low during Spring Pass 2000 comparison Current: #5101 WALT Sensor found to be 10% low during Spring Pass 2000 comparison Current: #5111 GOOD Sensor found to be 6.7% high during Spring Pass 2000 comparison Current: #5115 FREE Sensor found to be 6% high during Spring Pass 2000 comparison Current: #5159 FAIR Sensor stuck at 0 Resolved: #5079 WASH Replaced sensor with high bias
<b>RAIN</b>	Current: Resolved: #5228 GOOD Replaced bad gauge Resolved: #5253 CALV Replaced suspect gauge Resolved: #5208 MTHE Replaced suspect
<b>TA9M</b>	Current: Resolved: #5206 CLAY Replaced damaged gauge Resolved: #5240 PUTN Fixed broken excitation wire

<b>WS2M</b>	Current: Resolved:
<b>TS10</b>	Current: #5178 MADI Sensor sporadically reports +5 C offset Resolved: #5199 DURA Repaired AG wire
<b>TB10</b>	Current: #5216 PUTN Sensor erratic and dropping to as low as -17.2 C Resolved:
<b>TS05</b>	Current: #5194 FAIR Sensor has 5 C cool bias since lightning strike Resolved:
<b>TB05</b>	Current: #5215 PUTN Sensor erratic and dropping to as low as -87.5 C Resolved: #5193 PERK Replaced bad sensor Resolved: #5187 DURA Replaced bad sensor
<b>TS30</b>	Current: Resolved:

<b>ARS QA Report</b>	
<b>TAIR</b>	Current: #5180 A182 Sensor found to be 2.5 C warm during ARS pass Resolved:
<b>RELH</b>	Current: Resolved:
<b>SRAD</b>	Current: Resolved:
<b>RAIN</b>	Current: #5232 A150 Defective switch Resolved: #5237 A138 Replaced bad switch Resolved: #5238 A136 Replaced bad switch
<b>TS05</b>	Current: #5243 A136 Sensor frequently drops to -273.1 C Current: #5265 A135 Data very noisy Resolved: #5181 A132 Replaced bad sensor Resolved: #5203 A167 Replaced sensor with 9 C bias
<b>TS10</b>	Current: #5267 Possible 3 C cool bias Resolved: #5214 A132 Replaced sensor with bad insulation
<b>TS15</b>	Current: Resolved:
<b>TS30</b>	Current: Resolved: #5157 A165 Replaced bad sensor

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“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.

<b>Variable</b>	<b>Description</b>
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