

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

Mesonet technicians were busy performing Summer Pass 2001 during August. Just a few of their tasks include: trimming vegetation, cleaning sensors, rotating sensors, and performing sensor tests. Summer Pass will be completed October 1.

<b>Mesonet QA Report for Standard Variables</b>	
<b>TAIR</b>	Current: Resolved:
<b>RELH</b>	Current: Resolved:
<b>WDIR</b>	Current: Resolved:
<b>WSPD</b>	Current: Resolved:
<b>PRES</b>	Current: # 6036 ALTU Reporting multiple data dips Current: # 6053 MARE Reporting multiple data spikes Resolved:
<b>SRAD</b>	Current: # 6081 FAIR Reporting values over 600 W/m <sup>2</sup> at night Resolved:
<b>RAIN</b>	Current: Resolved: # 6033 OKMU Replaced bad switch Resolved: # 6034 CLAR Replaced bad switch Resolved: # 6050 CHER Cleaned dirty gauge
<b>TA9M</b>	Current: Resolved:
<b>WS2M</b>	Current: Resolved:
<b>TS10</b>	Current: Resolved:
<b>TB10</b>	Current: Resolved:

<b>TS05</b>	Current: # 6054 CHAN Sod plot is 4 C warmer than bare plot Current: # 6064 ADAX TS05 is consistently cooler than TS10 Resolved:
<b>TB05</b>	Current: Resolved: # 6055 ALV2 Repaired erosion
<b>TS30</b>	Current: Resolved:

<b>ARS QA Report</b>	
<b>TAIR</b>	Current: Resolved:
<b>RELH</b>	Current: Resolved:
<b>WDIR</b>	Current: Resolved:
<b>SRAD</b>	Current: Resolved: # 6023 A181 Replaced lightning-damaged sensor
<b>RAIN</b>	Current: Resolved: # 6017 A154 Replaced bad switch Resolved: # 6018 A132 Replaced suspect switch Resolved: # 6030 A162 Replaced suspect switch
<b>TS05</b>	Current: Resolved:
<b>TS10</b>	Current: Resolved: # 6000 A148 Replaced bad sensor Resolved: # 6001 A125 Replaced bad sensor
<b>TS15</b>	Current: Resolved: # 6015 A154 Replaced damaged sensor
<b>TS30</b>	Current: Resolved: # 5998 A130 Replaced defective sensor Resolved: # 5999 A154 Replaced defective sensor Resolved: # 6004 A122 Replaced dead sensor

“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