

OKLAHOMA MESONET/ARS QUALITY ASSURANCE REPORT
September 2001

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The Mesonet technicians completed Summer Pass 2001 in late September. Just a few of their accomplishments during this pass include:

- * 1500 site photos taken to document the station
- * 95 sensors rotated
- * All rain gauges tested
- * All soil temperature depths verified

Mesonet QA Report for Standard Variables	
TAIR	Current: Resolved:
RELH	Current: Resolved:
WDIR	Current: Resolved:
WSPD	Current: Resolved:
PRES	Current: Resolved: # 6036 ALTU Replaced erratic barometer Resolved: # 6053 MARE Removed obstructions from baro tube
SRAD	Current: Resolved: # 6081 FAIR Replaced bad pyranometer
RAIN	Current: Resolved: # 6082 ADAX Replaced bad switch
TA9M	Current: Resolved:
WS2M	Current: Resolved: # 6089 ALTU Replaced due to bad bearings Resolved: # 6104 IDAB Replaced due to bad bearings
TS10	Current: Resolved:
TB10	Current: Resolved:

TS05	Current: Resolved: # 6064 ADAX Replaced bad sensor
TB05	Current: Resolved:
TS30	Current: Resolved:

ARS QA Report	
TAIR	Current: Resolved:
RELH	Current: Resolved:
WDIR	Current: Resolved:
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