

OKLAHOMA MESONET/ARS QUALITY ASSURANCE REPORT
November 2001

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A new Mesonet site located near Inola, OK was installed on 14 November 2001. The new station's 4-letter identifier is INOL. This site measures all of the core Mesonet parameters.

Bill Wyatt and Thomas Smith completed the rotation of all wind monitors in the northwest section of the state during November.

Mesonet QA Report for Standard Variables	
TAIR	Current: Resolved:
RELH	Current: Resolved: # 6181 REDR Replaced suspect sensor Resolved: # 6187 SEIL Replaced suspect sensor Resolved: # 6188 CHER Replaced sensor reaching 103-106% during periods of high relative humidity
WDIR	Current: Resolved:
WSPD	Current: Resolved:
PRES	Current: Resolved:
SRAD	Current: Resolved: # 6192 WIST Replaced erratic pyranometer
RAIN	Current: # 6231 COOK Gauge continued to report tips after snow melt Current: # 6232 BEEX Gauge stuck at 0 for rain events Resolved: # 6191 CHER Replaced gauge that failed drip test Resolved: # 6207 MINC Replaced rusty screws on terminal strip that caused missing tips
TA9M	Current: Resolved:
WS2M	Current: Resolved:
TS10	Current: # 6254 RING Monthly QA indicates 2 C cool bias Resolved:

TB10	Current: Resolved: # 6165 TISH Tightened wires that had caused erratic observations
TS05	Current: # 6146 FAIR Sensor stuck at -46 C Resolved:
TB05	Current: Resolved: # 6206 WASH Corrected 1 cm of soil erosion
TS30	Current: Resolved:

ARS QA Report	
TAIR	Current: Resolved:
RELH	Current: Resolved:
WDIR	Current: Resolved:
SRAD	Current: Resolved:
RAIN	Current: Resolved: # 6208 A133 Removed spider web that prevented tips from occurring
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