

**OKLAHOMA MESONET/ARS QUALITY ASSURANCE REPORT**  
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- Mesonet Technicians rotated 13 net radiometers, 11 wind sentries, 7 wind monitor nose cones, 5 barometers, 4 fasttherms, 1 pyranometer, and 1 wind direction sensor.

**Mesonet QA Report for Standard Variables**

Variable	Status	Ticket	Site	Remarks
<b>TAIR</b>	Resolved	15555	PERK	Replaced sensor that reported erratic data
<b>RELH</b>	Resolved	15508	BLAC	Replaced sensor that reported erratic data
<b>WSPD</b>	N/A			
<b>WDIR</b>	Resolved	15455	NEWP	Replaced sensor that reported erroneous values
<b>PRES</b>	Resolved	15497	EUFA	No problem found with sensor that had deviated from neighbors sporadically
<b>SRAD</b>	N/A			
<b>RAIN</b>	Resolved	15500	BIXB	Cleaned gauge that had missed a rain event
	Resolved	15531	BROK	Fixed gauge that had missed a rain event
	Resolved	15542	BURN	Rewired broken gauge
	Resolved	15574	SKIA	Rewired broken gauge
<b>TA9M</b>	Current	15575	STIG	Sensor reports erratic data
	Resolved	15562	LANE	Cleaned sensor that was covered by insect nest
<b>WS2M</b>	Resolved	15501	WASH	Replaced sensor that had developed a starting threshold problem
	Resolved	15512	KETC	Replaced sensor that had developed a starting threshold problem

	Resolved	15539	CHAN	Replaced sensor that had developed a starting threshold problem
<b>TS10</b>	N/A			
<b>TB10</b>	Resolved	15498	EUFA	Fixed loose wire on sensor
	Resolved	15509	LAHO	Replaced sensor that had developed a low bias
	Resolved	15533	FREE	Corrected wiring problem
	Resolved	15537	FTCB	No problem found with sensor that appeared to be reporting erratic data
<b>TS05</b>	Current	15600	FREE	Sensor has developed a high bias
<b>TB05</b>	Resolved	15532	BLAC	Replaced sensor that had developed a low bias
<b>TS30</b>	Current	15529	GRA2	Sensor reports erratic data
<b>TR05</b>	N/A			
<b>TR25</b>	N/A			
<b>TR60</b>	N/A			
<b>TR75</b>	N/A			

### ARS Little Washita Watershed QA Report

Variable	Status	Ticket	Site	Remarks
<b>TAIR</b>	N/A			
<b>RELH</b>	N/A			
<b>SRAD</b>	N/A			
<b>RAIN</b>	Resolved	15506	A135	Cleaned gauge that was plugged
<b>TS05</b>	Current	15586	A135	Sensor has developed a low bias

<b>TS10</b>	<b>N/A</b>
<b>TS15</b>	<b>N/A</b>
<b>TS30</b>	<b>N/A</b>
<b>VW05</b>	<b>N/A</b>
<b>VW25</b>	<b>N/A</b>
<b>VW45</b>	<b>N/A</b>

### ARS Ft. Cobb Watershed QA Report

<b>Variable</b>	<b>Status</b>	<b>Ticket</b>	<b>Site</b>	<b>Remarks</b>
<b>TAIR</b>	<b>N/A</b>			
<b>RELH</b>	<b>N/A</b>			
<b>SRAD</b>	<b>Resolved</b>	<b>15499</b>	<b>F106</b>	<b>Replaced sensor that reported erratic dips</b>
<b>RAIN</b>	<b>Resolved</b>	<b>15372</b>	<b>F110</b>	<b>Cleaned and repaired gauge</b>
<b>TS05</b>	<b>N/A</b>			
<b>TS10</b>	<b>N/A</b>			
<b>TS15</b>	<b>N/A</b>			
<b>TS30</b>	<b>N/A</b>			
<b>VW05</b>	<b>N/A</b>			
<b>VW25</b>	<b>N/A</b>			
<b>VW45</b>	<b>N/A</b>			

“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
TR05	Soil moisture: Calibrated DeltaT measured at 5 cm under native sod
TR25	Soil moisture: Calibrated DeltaT measured at 25 cm under native sod
TR60	Soil moisture: Calibrated DeltaT measured at 60 cm under native sod
TR75	Soil moisture: Calibrated DeltaT measured at 75 cm under native sod
VW05	Soil moisture: Volumetric water content measured at 5 cm under native sod
VW25	Soil moisture: Volumetric water content measured at 25 cm under native sod
VW45	Soil moisture: Volumetric water content measured at 45 cm under native sod