

OKLAHOMA MESONETWORK QUALITY ASSURANCE REPORT
for the 14-day period ending November 15, 1995

Based upon observations taken at 1800 GMT each day

Prepared by Derek Arndt (derek@mesnet.mesonet.uoknor.edu)

Notes:

Only two new problems to report.

The MADI wind monitor (at 10m) has been acting up lately. Electronic glitches during calm periods seem to be the culprit behind some very questionable observations, both for speed and direction.

On the "why do humans do this?" side: The SHAW site was vandalized on the night of Friday, October 27th, at 8:30 pm. The WS2M was destroyed, and the T&RH sensor was removed from its shield (which was destroyed), and was found on the ground. Thankfully, the sensor checked out okay. Gary replaced the instruments, and performed some standard rotations in the area.

At 10:30 pm on the night of Friday, November 17th, the SHAW site was vandalized again. Exact same symptoms and, presumably, the exact same M.O. Apparently, the vandals were hanging on the booms which support the instruments, and purposely damaging the sensors. This time, it looks as if the T&RH sensor is broken.

Reports will be filed, and Tim and Gary are planning an appropriate means of protecting the site before any new instruments are replaced.

Most of the fields look very good. The rest look good or better.

=====

TAIR (Air Temperature at 1.5 meters):

Current t-tkts: None.
Added: SHAW

TDEW/RELH (RH is measured at 1.5 meters):

Current t-tkts: None.
Added: SHAW

WDIR (Wind Direction at 10 meters):

Current t-tkts: None.
Added: MADI

WSPD (Wind Speed at 10 meters):

Current t-tkts: None.
Added: None.

PRES/PALT (Sea level Pressure):

The WASH t-tkt will probably be dismissed soon.
Current t-tkts: WASH
Added: None.

SRAD (Incident Solar Radiation):

Current t-tkts: STIL
Added: None.

RAIN:

Current t-tkts: None.
Added: None.

TA9M (Air Temperature at 9 meters):

Current t-tkts: None.
Added: None.

WS2M (Wind Run at 2 meters):

Current t-tkts: None.
Added: SHAW

TS10 (Soil temperature at 10 cm under native sod):

Current t-tkts: KETC
Added: None.

TB10 (Soil temperature at 10 cm under bare soil):

Current t-tkts: FORA
BLAC
Added: None.

TS05 (Soil temperature at 5 cm under native sod):

Current t-tkts: PERK
Added: None.

TB05 (Soil temperature at 5 cm under bare soil):

Current t-tkts: BLAC
Added: None.

TS30 (Soil temperature at 30 cm under native sod):

Current t-tkts: None.
Added: None.

Derek Arndt