

**From:** Jaymes Kenyon <jaymes.kenyon@gmail.com>  
**Subject:** Fwd: Mesonet takes two hits in one day  
**Date:** 8 April 2013 12:00:42 PM EDT  
▶ 2 Attachments, 400 KB

**From:** Fred Carr <fcarr@ou.edu>  
**Subject:** Fwd: Mesonet takes two hits in one day  
**Date:** 9 November, 2011 23:16:06 GMT  
**To:** <map@atmos.albany.edu>

Dear Map -

It's been an interesting week here in Oklahoma, with up to 8" of rain, big hail, snow in the Panhandle, several earthquakes (and we really felt the 5.6 one!) and, of course, severe weather. Since 1994, the 120 Mesonet stations have survived over 6500 days without being hit by a tornado (although we had a close call with El Reno last spring). On Monday, two Mesonet stations (Tipton and Ft. Cobb) were taken down by tornadoes within 2 hours of each other. The dataloggers were recovered and their meteograms are shown below. Although the direct cause of the towers being destroyed was flying debris (such as by large circular irrigation pipes), the 915 mb station (not sea level) pressure and 85 mph winds suggest the tornadoes were pretty close. Alas, the CASA IP1 X-band radar network in SW OK had just been disassembled 2 weeks before (of course!) - otherwise we would have had incredibly close-up tornado data.

Oklahoma Mesonet technicians sent back pictures from the Tipton Mesonet site.

Picture #1 shows the approximately 100+ pound auxiliary battery box from the site tossed into the adjoining field.

[http://ticker.mesonet.org/archive/20111108/mesonet\\_destruction1.jpg](http://ticker.mesonet.org/archive/20111108/mesonet_destruction1.jpg)

Picture #2 shows the mangled 30 foot Mesonet tower laying on the ground.

[http://ticker.mesonet.org/archive/20111108/mesonet\\_destruction2.jpg](http://ticker.mesonet.org/archive/20111108/mesonet_destruction2.jpg)

Ok, what's the next item Mother Nature has in store for us?!  
Fred

Begin forwarded message:

**From:** Chris Fiebrich <chris@mesonet.org>  
**Date:** November 9, 2011 12:59:01 PM CST  
**To:** OCS List <ocsl@mesonet.org>, Members of Mesonet SC <committee@mesonet.org>  
**Subject:** The Last 48

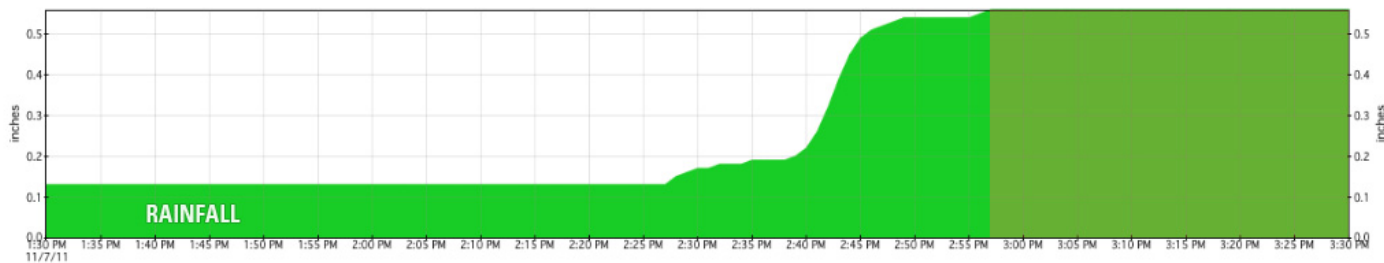
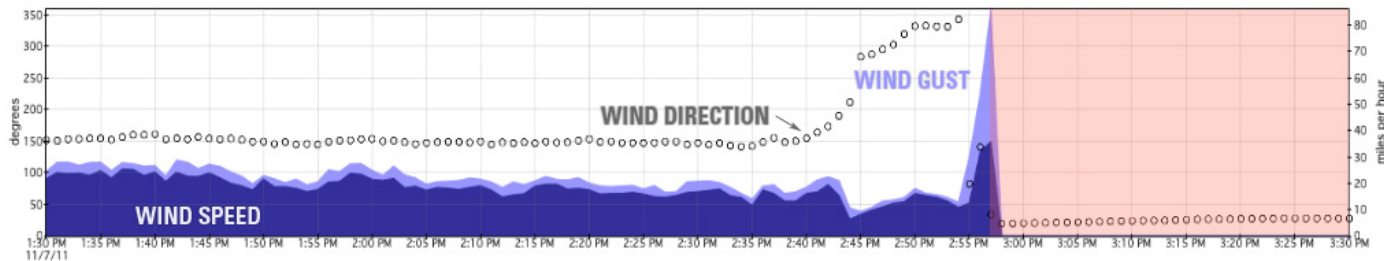
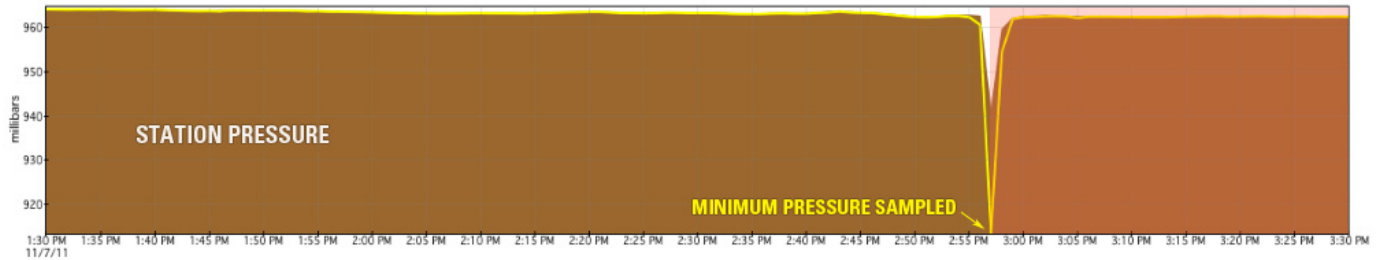
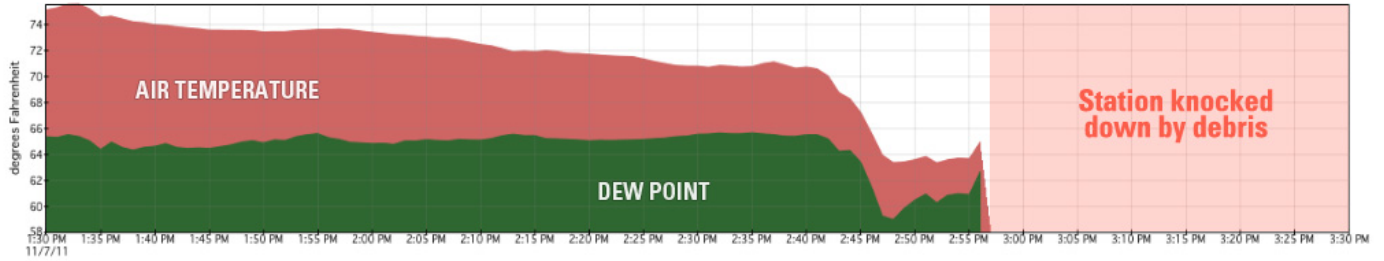
Thanks to everyone who spent the last 48 hours running around assisting southwest Oklahoma EMS, coordinating with OSU Research Station staff, trudging through muddy fields to retrieve dataloggers, recovering, ingesting, and quality assuring one-minute data, and disseminating our photos and updates through media!

Whewh. [Sorry for the run-on sentence.]

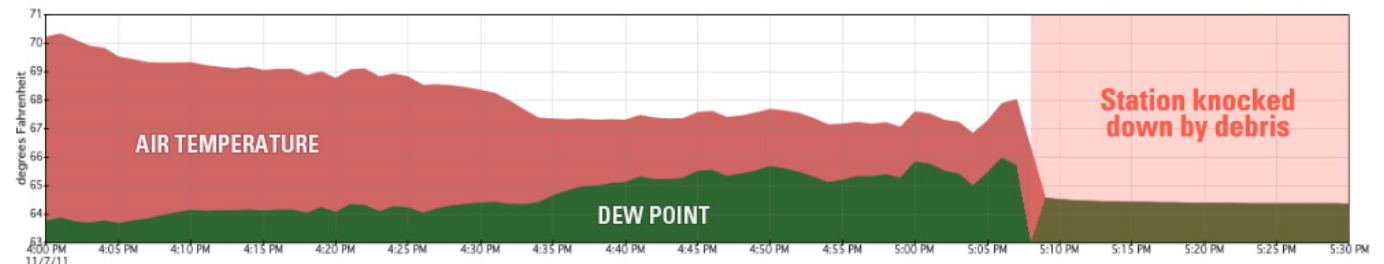
Attached are some late-breaking images of the data.

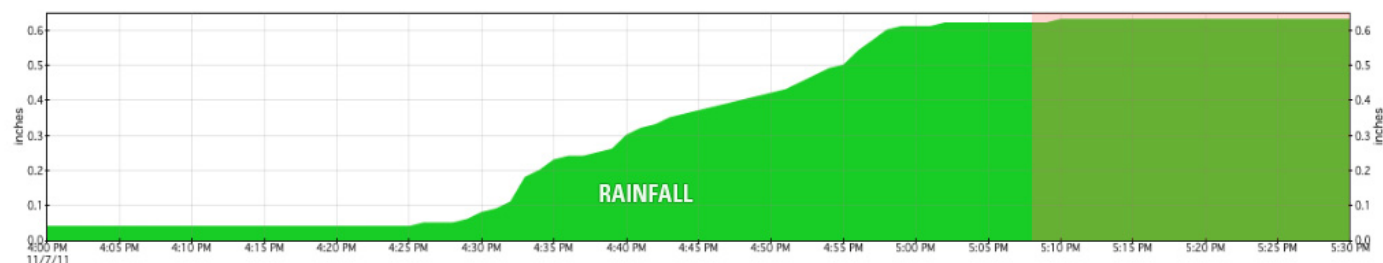
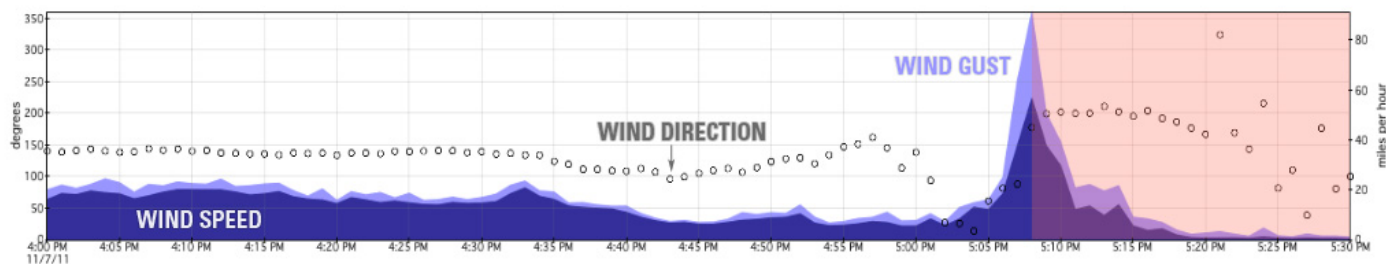
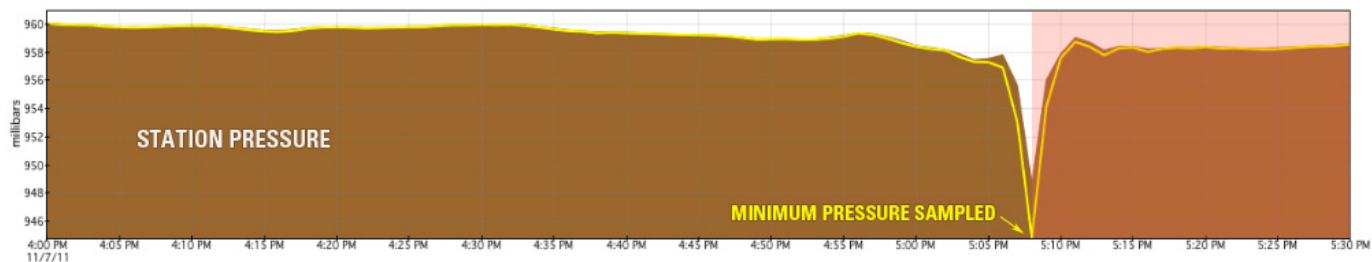
Chris

# Tipton (TIPT) NOVEMBER 7, 2011



# Fort Cobb (FTCB) NOVEMBER 7, 2011





Dr. Christopher A. Fiebrich  
 Associate Director for Mesonet  
 Oklahoma Climatological Survey  
 Email: [chris@mesonet.org](mailto:chris@mesonet.org) <http://www.mesonet.org>  
 USmail: 120 David L. Boren Blvd., Suite 2900, Norman, OK 73072-7305  
 Phone: (405) 325-6877 Fax: (405) 325-2550

Lance F. Bosart  
 Distinguished Professor  
 Department of Atmospheric and Environmental Sciences  
 The University at Albany/SUNY/ES-227  
 1400 Washington Avenue  
 Albany, NY 12222 USA

Email: [lbosart@albany.edu](mailto:lbosart@albany.edu)  
 Phone: 518-442-4564  
 Fax: 518-442-5825