

Oklahoma Mesonet

The Oklahoma Mesonet is a world-class network of environmental monitoring stations. The network was designed and implemented by scientists at the University of Oklahoma and at Oklahoma State University.

The Mesonet consists of 120 automated stations covering Oklahoma. There is at least one Mesonet station in each of Oklahoma's 77 counties.

At each site, the environment is measured by a set of instruments located on or near a 10-meter-tall (30 feet) tower. The measurements are packaged into "observations" every 5 minutes, then transmitted to a central facility every 5 minutes, 24 hours per day year-round.

The Oklahoma Climatological Survey (OCS) at OU receives the observations, verifies the quality of the data and provides the data to Mesonet customers. It only takes 5 to 10 minutes from the time the measurements are acquired until they become available to the public.

View Weather Information

To access the Mesonet, visit us at www.mesonet.org. If you are on a mobile device, you will be taken to our mobile website - m.mesonet.org. The Mesonet offers free apps for both Android and Apple devices. Find the Mesonet app in the Google Play Store or the Apple App Store.

You can also find the Mesonet on Facebook, Twitter, and LinkedIn. Just search for the Oklahoma Mesonet to like or follow us on social media.

Go mobile.

The *Mesonet app* brings weather information right to your iPhone or Android device, including forecasts, radar, and severe weather advisories.

Have a Windows Phone or Blackberry? Try out our *mobile website* at m.mesonet.org



Mesonet
Oklahoma's Weather Network



Outreach Programs

Agriculture

- Maximize profit and reduce weather-based risks
- Control diseases and pests more efficiently
- Enhance farm planning with detailed forecasts and radar

Public Safety

- Offer weather-based tools to public safety officials through OK-First
- Aid decision making during a crisis
- Provide emergency managers with intense weather training

Fire Management

- Anticipate wildfire and smoke behavior
- Provide weather-based guidance for prescribed burning
- Offer fire managers training on decision-support tools through OK-FIRE

K-12 Education

- Introduce weather into the classroom and through summer camps
- Promote science enthusiasm and increase weather awareness
- Discuss proper weather safety for all hazards

Our Sites

For help with this or other Mesonet products, please call 405-325-3231, or email us at operator@mesonet.org.

