



# UNIVERSITY

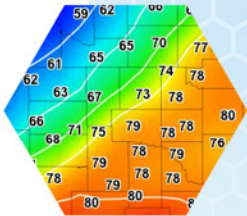
THE WEATHER SPHERE BRINGS UNIVERSITY, FEDERAL, STATE AND PRIVATE INDUSTRY TOGETHER.

## Oklahoma Climatological Survey

Established in 1980, the Oklahoma Climatological Survey (OCS) is mandated to acquire, process and disseminate climate and weather data and information for use by the state's citizens. OCS also serves as the support facility for the State Climatologist, operates the Oklahoma Mesonet, and hosts a wide variety of educational outreach and scientific research projects.

The Oklahoma Mesonet consists of more than 110 automated measurement stations located in the 77 counties of Oklahoma. Each Mesonet station measures a wide range of variables, such as air temperature and rainfall. At five minute intervals, this data is sent to OCS for quality assurance and packaged into products for thousands of customers. Mesonet data have the capacity to save lives, save Oklahoma taxpayers and businesses millions of dollars annually, increase the efficiency of energy and water use, educate the next generation of citizens, and make an incalculable contribution to research projects every year.

The backbone of research at OCS is the Oklahoma Mesonet. From testing new sensors to validating satellite measurements and model output, participating in specialized field research programs and developing data visualization tools, OCS scientists use Oklahoma Mesonet data for state-of-the-art research focused on Oklahoma. In return, the knowledge gained from this research is applied to develop new technologies to more accurately assess and predict the onset of drought conditions and to improve weather forecasting.



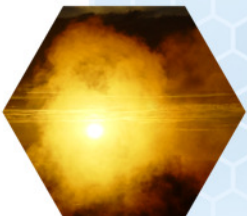
"The Oklahoma Climatological Survey is the nation's leader in climate services to state and local decision-makers resulting in the improvement of the quality of life for all Oklahomans."

Ken Crawford  
Director



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