

The Oklahoma Mesonet is a world-class network of environmental monitoring stations that measure atmospheric and soil conditions in every county of Oklahoma, 24 hours a day, 365 days a year. The network was designed and implemented by scientists and engineers at Oklahoma State University (OSU) and the University of Oklahoma (OU).

In the early 1980s, OSU agricultural scientists under the leadership of Dr. Ron Elliott wanted to upgrade weather instruments at their research sites. Their primary goal was to expand the use of weather data in agriculture. Meanwhile, a group of meteorologists led by Dr. Ken Crawford at OU were developing a plan to implement a flood-warning system for Tulsa. OSU and OU joined forces in 1987 when they realized that one system would help both universities achieve their respective missions. Dr. Elliott and Dr. Crawford formed an inaugural Steering Committee consisting of Dr. Fred Brock (OU), Dr. Gerrit Cuperus (OSU), Mr. Howard Johnson (OU), and Dr. Steve Stadler (OSU) to lead the planning of the network. Their shared vision became a reality when the Oklahoma Mesonet was commissioned on January 1, 1994.





Dr. Ron Elliott, OSU

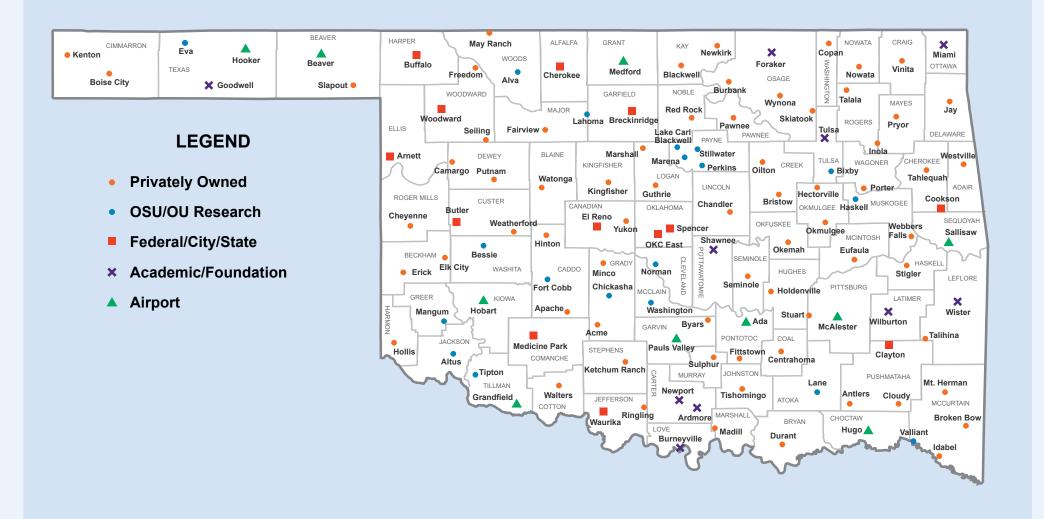
Dr. Ken Crawford, OU

Over the last 30 years, the Oklahoma Mesonet has collected billions of weather and soil measurements and produced millions of decision-making products for local, state, and federal agencies, public safety officials, growers, ranchers, students of all ages, researchers, electric utilities, weather forecasters, and private citizens.

To the many partners, site hosts, steering committee members, staff, legislators, collaborators, and data users who have made the Oklahoma Mesonet possible – thank you for your countless contributions! We hope you enjoy this commemorative calendar, which features a mix of photos, maps from memorable weather events, and monthly extremes as we celebrate 30 years of measuring Oklahoma's wild weather!



#### **Site Locations**





Every County, 24 Hours a Day, 365 Days a Year

#### **Supplemental Table of Site Locations Page 1**

The following table provides information from the Site Locations map on the previous page. The table lists the 120 Mesonet sites, the land ownership type - privately owned (67 sites), OSU/OU Research (19 sites), Federal/City/State (13 sites), Academic Foundation (11 sites), or Airport (10 sites), and the county where the site is located. This page was not included in the printed version of the 30th Anniversary calendar. It is provided here to meet PDF document accessibility standards.

Acma         Privately Owned         Grady           Ada         Airport         Pontoto           Altus         OSU/OU Research         Jackson           Alva         OSU/OU Research         Wonds           Alva         OSU/OU Research         Wonds           Anters         Privately Owned         Caddo           Aramore         Academic/Foundation         Carter           Aramore         Academic/Foundation         Carter           Aramore         Academic/Foundation         Carter           Beaver         Airport         Beaver           Bessie         OSU/OU Research         Washita           Bixby         OSU/OU Research         Tulsa           Blackwell         Privately Owned         Kay           Blackwell         Privately Owned         Cimarron           Breckinridge         Federal/City/State         Garfield           Bristow         Privately Owned         Creek           Broken Bow         Privately Owned         Creek           Burlank         Privately Owned         Osage           Burlank         Privately Owned         Garvin           Camargo         Privately Owned         Garvin           Camargo	Site Name	Land Ownership	County
Altus         OSU/OU Research         Jackson           Alva         OSU/OU Research         Woods           Antlers         Privately Owned         Pushmataha           Apache         Privately Owned         Cadda           Armore         Academic/Foundation         Carter           Armett         Federal/City/State         Ellis           Beaever         Airport         Beaver           Bessie         OSU/OU Research         Washita           Bixby         OSU/OU Research         Tulsa           Blackwell         Privately Owned         Ckay           Boise City         Privately Owned         Ckay           Broken Bow         Privately Owned         Creek           Bristow         Privately Owned         Creek           Broken Bow         Privately Owned         Osage           Burneyvilla         Academic/Foundation         Love           Burler         Federal/City/State         Custer           Byars         Privately Owned         Geavin           Camargo         Privately Owned         Coal           Chandler         Privately Owned         Coal           Chandler         Privately Owned         Pushmataha           C			•
Alva	Ada	·	Pontotoc
Antlers Privately Owned Caddo Apache Privately Owned Caddo Ardmore Academic/Foundation Carter Arnett Federal/City/State Ellis Beaver Airport Beaver Bessie OSU/OU Research Washita Bixiby OSU/OU Research Tulsa Blackwell Privately Owned Kay Boise City Privately Owned Cimarron Breckinridge Federal/City/State Garfield Bristow Privately Owned Creek Broken Bow Privately Owned McCurtain Burbain Privately Owned McCurtain Burbain Privately Owned Osage Burneyville Academic/Foundation Love Butler Federal/City/State Uarre Byars Privately Owned Garvin Camargo Privately Owned Garvin Camargo Privately Owned Coal Chandler Privately Owned Coal Chandler Privately Owned Roger Mills Chickasha OSU/OU Research Grady Cloyton Federal/City/State Pushmataha Cloudy Privately Owned Dewey Cloudy Privately Owned Coal Chandler Privately Owned Lincoln Cheyonne Privately Owned Roger Mills Cloudy Privately Owned Roger Mills Cloudy Privately Owned Pushmataha Cloudy Privately Owned Pushmataha Clokasha OSU/OU Research Grady Clayton Federal/City/State Deshmataha Clowand Privately Owned Beckham Eli Reno Federal/City/State Cherokee Copan Privately Owned Beckham Eli Reno Federal/City/State Cherokee Copan Privately Owned Beckham Eli Reno Federal/City/State Charokee Copan Privately Owned Beckham Firitatown Privately Owned Beckham Eli Reno Federal/City/State Charokee Copan Privately Owned Beckham Firitatown Privately Owned Beckham Firitatown Privately Owned Melntosh Fiva OSU/OU Research Taxas Fairview Privately Owned Melntosh Fired Privately Owned Melntosh Fired Privately Owned Melntosh Fired Privately Owned Hughes Firitatown Privately Owned Melntosh Fired Privately Owned Hughes Hinton Privately Owned Hughes Hinton Privately Owned Hughes Holdenville Privately Owned Hughes Holdenville Privately Owned Hughes Holdenville Privately	Altus		Jackson
Apache         Privately Owned         Caddo           Ardmore         Academic/Foundation         Carter           Arnett         Federal/City/State         Ellis           Beaver         Airport         Beaver           Bessie         OSU/OU Research         Washita           Bixby         OSU/OU Research         Tulsa           Bischwell         Privately Owned         Kay           Boise City         Privately Owned         Creak           Bristow         Privately Owned         Creak           Bristow         Privately Owned         Creak           Broken Bow         Privately Owned         McCurtain           Buffalo         Federal/City/State         Harper           Burbank         Privately Owned         Osage           Burneyville         Academic/Foundation         Love           Butler         Federal/City/State         Custer           Byars         Privately Owned         Garvin           Camargo         Privately Owned         Dewey           Centrahoma         Privately Owned         Lincoln           Chetyanne         Privately Owned         Roger Mills           Chickasha         OSU/OU Research         Grady	Alva	OSU/OU Research	Woods
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Burfalo Federal/City/State Harper Burbank Privately Owned Osage Burneyville Academic/Foundation Love Butler Federal/City/State Custer Byars Privately Owned Garvin Camargo Privately Owned Dewey Centrahoma Privately Owned Lincoln Chandler Privately Owned Lincoln Cheyenne Privately Owned Roger Mills Chickasha OSU/OU Research Grady Clayton Federal/City/State Pushmataha Cloudy Privately Owned Pushmataha Cloudy Privately Owned Washington Durant Privately Owned Bryan El Reno Federal/City/State Cherokee Copan Privately Owned Bryan El Reno Federal/City/State Canadian El Ric City Privately Owned Beckham Erick Privately Owned Beckham Erick Privately Owned Beckham Erick Privately Owned Beckham Evaula Privately Owned Malorosh Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Major Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Okmulgee Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Hughes Holdenville Privately Owned Hughes Holden Privately Owned Hughes Holden Privately Owned Rogers Hugo Privately Owned Rogers Hugo Privately Owned Rogers Hugo Privately Owned Delaware Kenton Privately Owned Kingfisher Lahoma OSU/OU Research Major	Bristow	Privately Owned	Creek
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Byars Privately Owned Dewey Camargo Privately Owned Dewey Centrahoma Privately Owned Coal Chandler Privately Owned Lincoln Cheyenne Privately Owned Roger Mills Chickasha OSU/OU Research Grady Clayton Federal/City/State Pushmataha Cloudy Privately Owned Pushmataha Cloudy Privately Owned Pushmataha Cookson Federal/City/State Cherokee Copan Privately Owned Washington Durant Privately Owned Bryan El Reno Federal/City/State Canadian Elk City Privately Owned Beckham Erick Privately Owned Beckham Erick Privately Owned Beckham Efick Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Major Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Okmulgee Hectorville Privately Owned Hughes Holdenville Privately Owned Hughes Holdis Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Burneyville	Academic/Foundation	Love
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Centrahoma Privately Owned Lincoln Chandler Privately Owned Lincoln Cheyenne Privately Owned Roger Mills Chickasha OSU/OU Research Grady Clayton Federal/City/State Pushmataha Cloudy Privately Owned Pushmataha Cloudy Privately Owned Pushmataha Cookson Federal/City/State Cherokee Copan Privately Owned Washington Durant Privately Owned Bryan El Reno Federal/City/State Canadian Elk City Privately Owned Beckham Erick Privately Owned Beckham Erick Privately Owned Beckham Eufaula Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Hughes Hobart Airport Kiowa Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Rogers Jay Privately Owned Rogers Jay Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Byars	Privately Owned	Garvin
Chandler Privately Owned Roger Mills Chickasha OSU/OU Research Grady Clayton Federal/City/State Pushmataha Cloudy Privately Owned Pushmataha Cloudy Privately Owned Pushmataha Cookson Federal/City/State Cherokee Copan Privately Owned Washington Durant Privately Owned Bryan EI Reno Federal/City/State Canadian EIK City Privately Owned Beckham Erick Privately Owned Beckham Erick Privately Owned Beckham Eufaula Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Okmulgee Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Rogers Jay Privately Owned Rogers Jay Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Camargo	Privately Owned	Dewey
Cheyenne Privately Owned Roger Mills Chickasha OSU/OU Research Grady Clayton Federal/City/State Pushmataha Cloudy Privately Owned Pushmataha Cookson Federal/City/State Cherokee Copan Privately Owned Washington Durant Privately Owned Bryan EIReno Federal/City/State Canadian EIR City Privately Owned Beckham Erick Privately Owned Beckham Erick Privately Owned Beckham Eufaula Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Rogers Jay Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Lahoma OSU/OU Research Major	Centrahoma	Privately Owned	Coal
Chickasha  OSU/OU Research  Clayton  Federal/City/State Pushmataha  Cloudy Privately Owned Pushmataha  Cookson Federal/City/State Cherokee  Copan Privately Owned Washington  Durant Privately Owned Bryan  El Reno Federal/City/State Canadian  Elk City Privately Owned Beckham  Erick Privately Owned Beckham  Erick Privately Owned Beckham  Eva OSU/OU Research Feitstown Privately Owned Pontotoc Foraker Academic/Foundation Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas  Grandfield Airport Tillman  Guthrie Privately Owned Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Holdenville Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned McCurtain Inola Privately Owned Cimarron Kingfisher Privately Owned Kingfisher	Chandler	Privately Owned	Lincoln
Clayton Federal/City/State Pushmataha Cloudy Privately Owned Pushmataha Cookson Federal/City/State Cherokee Copan Privately Owned Washington Durant Privately Owned Bryan El Reno Federal/City/State Canadian Elk City Privately Owned Beckham Frick Privately Owned Beckham Erick Privately Owned Beckham Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Jay Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Lahoma OSU/OU Research Major	Cheyenne	Privately Owned	Roger Mills
Cloudy Privately Owned Pushmataha Cookson Federal/City/State Cherokee Copan Privately Owned Washington Durant Privately Owned Bryan El Reno Federal/City/State Canadian Elk City Privately Owned Beckham Erick Privately Owned Beckham Eufaula Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Chickasha	OSU/OU Research	Grady
Cookson Federal/City/State Cherokee Copan Privately Owned Washington Durant Privately Owned Bryan EI Reno Federal/City/State Canadian Elk City Privately Owned Beckham Erick Privately Owned Beckham Eufaula Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Okmulgee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Lahoma OSU/OU Research Major	Clayton	Federal/City/State	Pushmataha
Copan Privately Owned Bryan  El Reno Federal/City/State Canadian  Elk City Privately Owned Beckham  Erick Privately Owned Beckham  Eufaula Privately Owned Beckham  Eufaula Privately Owned McIntosh  Eva OSU/OU Research Texas  Fairview Privately Owned Major  Fittstown Privately Owned Pontotoc  Foraker Academic/Foundation Osage  Fort Cobb OSU/OU Research Caddo  Freedom Privately Owned Woodward  Goodwell Academic/Foundation Texas  Grandfield Airport Tillman  Guthrie Privately Owned Logan  Haskell OSU/OU Research Muskogee  Hectorville Privately Owned Okmulgee  Hinton Privately Owned Caddo  Hobart Airport Kiowa  Holdenville Privately Owned Hughes  Hollis Privately Owned Harmon  Hooker Airport Texas  Hugo Privately Owned McCurtain  Inola Privately Owned Rogers  Jay Privately Owned Cimarron  Kingfisher Privately Owned Cimarron  Kingfisher Privately Owned Cimarron  Kingfisher  Lahoma OSU/OU Research Major	Cloudy	Privately Owned	Pushmataha
Durant Privately Owned Bryan El Reno Federal/City/State Canadian Elk City Privately Owned Beckham Erick Privately Owned Beckham Eufaula Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Lahoma OSU/OU Research Major	Cookson	Federal/City/State	Cherokee
EI Reno Federal/City/State Canadian  Elk City Privately Owned Beckham  Erick Privately Owned Beckham  Eufaula Privately Owned McIntosh  Eva OSU/OU Research Texas  Fairview Privately Owned Major  Fittstown Privately Owned Pontotoc  Foraker Academic/Foundation Osage  Fort Cobb OSU/OU Research Caddo  Freedom Privately Owned Woodward  Goodwell Academic/Foundation Texas  Grandfield Airport Tillman  Guthrie Privately Owned Logan  Haskell OSU/OU Research Muskogee  Hectorville Privately Owned Okmulgee  Hinton Privately Owned Caddo  Hobart Airport Kiowa  Holdenville Privately Owned Hughes  Hollis Privately Owned Harmon  Hooker Airport Texas  Hugo Privately Owned Choctaw  Idabel Privately Owned Rogers  Jay Privately Owned Cimarron  Kingfisher Privately Owned Cimarron  Kingfisher  Lahoma OSU/OU Research Major	Copan	Privately Owned	Washington
Elk City Privately Owned Beckham Erick Privately Owned Beckham Eufaula Privately Owned McIntosh Eva OSU/OU Research Texas Fairview Privately Owned Major Fittstown Privately Owned Pontotoc Foraker Academic/Foundation Osage Fort Cobb OSU/OU Research Caddo Freedom Privately Owned Woodward Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned McCurtain Hooker Airport Texas Hugo Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Durant	,	
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Freedom Goodwell Academic/Foundation Fexas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Caddo Hobart Holdenville Privately Owned Hollis Privately Owned Hollis Privately Owned Hooker Hugo Privately Owned Hughes Hugo Privately Owned Hobart Rogers Hugo Privately Owned Rogers Jay Privately Owned Rogers Frivately Owned Rogers Roter Romannon Ringfisher Ringfisher Roserch Major			-
Goodwell Academic/Foundation Texas Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Caddo Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major			
Grandfield Airport Tillman Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Kingfisher Lahoma OSU/OU Research Major		·	
Guthrie Privately Owned Logan Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major			
Haskell OSU/OU Research Muskogee Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major		,	
Hectorville Privately Owned Okmulgee Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major			-
Hinton Privately Owned Caddo Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major			_
Hobart Airport Kiowa Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major			-
Holdenville Privately Owned Hughes Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major		·	
Hollis Privately Owned Harmon Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Holdenville		
Hooker Airport Texas Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Hollis		-
Hugo Privately Owned Choctaw Idabel Privately Owned McCurtain Inola Privately Owned Rogers Jay Privately Owned Delaware Kenton Privately Owned Cimarron Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Hooker	Airport	Texas
IdabelPrivately OwnedMcCurtainInolaPrivately OwnedRogersJayPrivately OwnedDelawareKentonPrivately OwnedCimarronKingfisherPrivately OwnedKingfisherLahomaOSU/OU ResearchMajor	Hugo		Choctaw
JayPrivately OwnedDelawareKentonPrivately OwnedCimarronKingfisherPrivately OwnedKingfisherLahomaOSU/OU ResearchMajor	Idabel	Privately Owned	McCurtain
KentonPrivately OwnedCimarronKingfisherPrivately OwnedKingfisherLahomaOSU/OU ResearchMajor	Inola	Privately Owned	Rogers
Kingfisher Privately Owned Kingfisher Lahoma OSU/OU Research Major	Jay	Privately Owned	Delaware
Lahoma OSU/OU Research Major	Kenton	Privately Owned	Cimarron
	Kingfisher	Privately Owned	Kingfisher
Lake Carl Blackwell OSU/OU Research Payne	Lahoma	OSU/OU Research	Major
	Lake Carl Blackwell	OSU/OU Research	Payne

Site Name	Land Ownership	County
Lane	OSU/OU Research	Atoka
Madill	Privately Owned	Marshall
Mangum	OSU/OU Research	Greer
Marena	OSU/OU Research	Payne
Marshall	Privately Owned	Logan
May Ranch	Privately Owned	Woods
McAlester	Airport	Pittsburg
Medford	Airport	Grant
Medicine Park	Federal/City/State	Comanche
Miami	Academic/Foundation	Ottawa
Minco	Privately Owned	Grady
Mt. Herman	Privately Owned	McCurtain
Newkirk	Privately Owned	Kay
Newport	Academic/Foundation	Carter
Norman	OSU/OU Research	Cleveland
Nowata	Privately Owned	Nowata
Oilton	Privately Owned	Creek
Okemah	Privately Owned	Okfuskee
Oklahoma City East	Federal/City/State	Oklahoma
Okmulgee .	Privately Owned	Okmulgee
Pauls Valley	Airport	Garvin
Pawnee	Privately Owned	Pawnee
Perkins	OSU/OU Research	Payne
Porter	Privately Owned	Wagoner
Pryor	Privately Owned	Mayes
Putnam	Privately Owned	Dewey
Red Rock	Privately Owned	Noble
Ringling	Privately Owned	Jefferson
Sallisaw	Airport	Sequoyah
Seiling	Privately Owned	Woodward
Seming Seminole		Seminole
Shawnee	Privately Owned  Academic/Foundation	Pottawatomie
	·	
Skiatook	Privately Owned	Osage Beaver
Slapout	Privately Owned	
Spencer	Federal/City/State	Oklahoma
Stigler	Privately Owned	Haskell
Stillwater	OSU/OU Research	Payne
Stuart	Privately Owned	Pittsburg
Sulphur - · ·	Privately Owned	Murray
Tahlequah 	Privately Owned	Cherokee
Talala 	Privately Owned	Rogers
Talihina	Privately Owned	LeFlore
Tipton	OSU/OU Research	Tillman
Tishomingo	Privately Owned	Johnston
Tulsa	Academic/Foundation	Tulsa
Valliant	OSU/OU Research	McCurtain
Vinita	Privately Owned	Craig
Walters	Privately Owned	Cotton
Washington	OSU/OU Research	McClain
Watonga	Privately Owned	Blaine
Waurika	Federal/City/State	Jefferson
Weatherford	Privately Owned	Custer
Webbers Falls	Privately Owned	Muskogee
Westville	Privately Owned	Adair
Wilburton	Academic/Foundation	Latimer
Wister	Academic/Foundation	Le Flore
Woodward	Federal/City/State	Woodward
Wynona	Privately Owned	Osage
Yukon	Privately Owned	Canadian





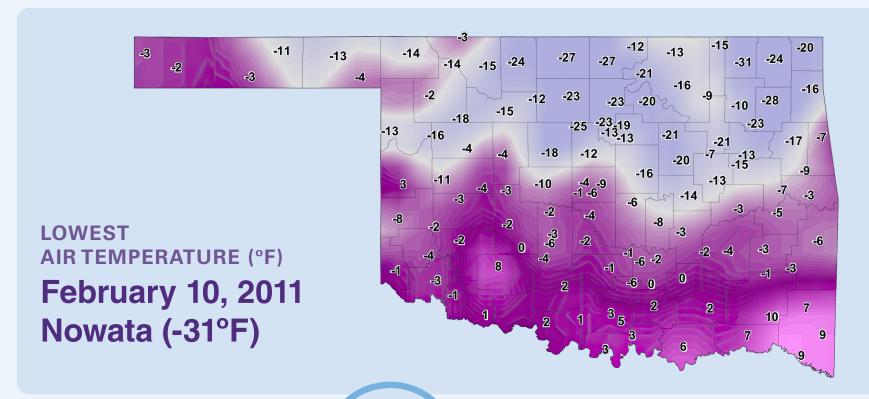
of Oklahoma. This photo shows the extent of historic icing at the Oklahoma Mesonet site in Kingfisher, OK. (Photo by Chris Fiebrich)

-19.5°F -28.4°F **81.4** MPH Pryor, 1/2/2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## **JANUARY**





On the morning of February 10, 2011, the Oklahoma Mesonet site in Nowata, OK measured a brutally cold temperature of -31°F. This state record temperature occurred following a major winter storm that covered parts of northern Oklahoma with more than a foot of snowfall.



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

### **FEBRUARY**





In a month that can produce any form of hazardous weather ranging from blizzards to dust storms, this photo of the Oklahoma Mesonet site in **Eva, OK** on **March 6, 2023** captured the calmer side of Oklahoma weather. (Photo by Steve Thompson)



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
31	25	26	27	28	29	30





Every County, 24 Hours a Day, 365 Days a Year



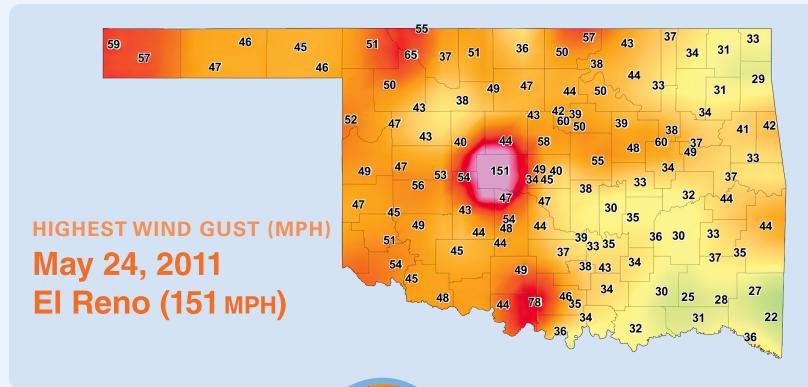
Springtime in the Southern Plains brings with it dangerous thunderstorms and beneficial rains as seen in this **April 9, 2023** photo of the Oklahoma Mesonet site in **Mangum, OK**. (Photo by Steve Thompson)

MONTHLY **EXTREMES** Maximum Erick, 4/25/2012 Minimum Air Temperature 13.6°F Boise City, 4/12/1997 Minimum Wind Chill -5.5°F Boise City, 4/10/2013 Maximum Daily Rainfall 12.42" Burneyville, 4/29/2009 Maximum Wind Gust 91.3 MPH Stigler, 4/11/2001

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

**APRIL** 

Every County, 24 Hours a Day, 365 Days a Year



44

On the evening of May 24, 2011, the Oklahoma Mesonet site in El Reno, OK measured a state record wind speed of 151 miles per hour as an EF-5 tornado came within a quarter mile of the site.



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	





Every County, 24 Hours a Day, 365 Days a Year



Oklahoma Mesonet sites are visited multiple times each year by highly trained technicians to maintain the highest possible data quality. In this aerial photo from **June 2017**, a Mesonet technician performs routine summer vegetation maintenance at the Oklahoma Mesonet site in **Apache**, **OK**. (Photo by Chris Fiebrich)

Maximum
Air Temperature

114.9°F
Hollis, 6/26/2011

Minimum
Air Temperature

37.6°F
Boise City, 6/6/1998

Maximum
Heat Index

120.2°F
Webbers Falls, 6/12/2022

Maximum
Daily Rainfall

11.26"
OKC North, 6/14/2010

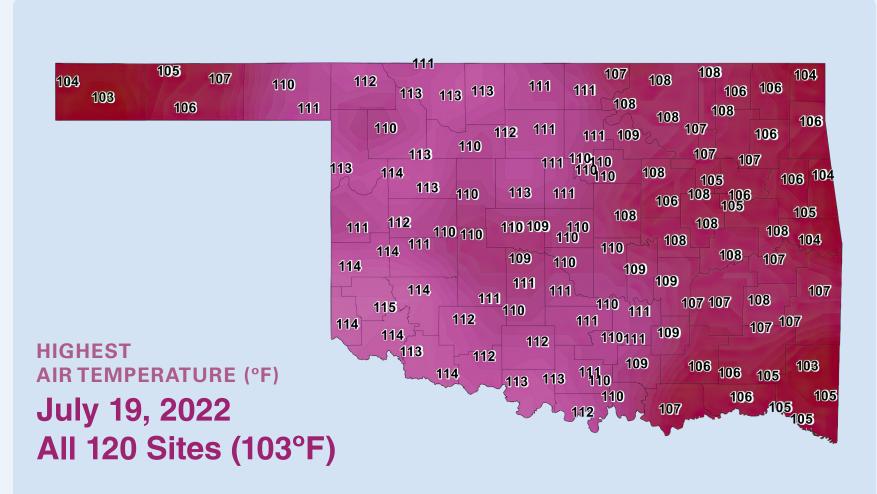
Maximum
Wind Gust

99.9 MPH
Marshall, 6/16/2005

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
30	24	25	26	27	28	29







Maximum
Air Temperature

115.1°F
Buffalo, 7/9/2009

Minimum
Air Temperature

47.4°F
Mangum, 7/28/2005

Maximum
Heat Index

126.0°F
Pauls Valley, 7/13/2023

Maximum
Daily Rainfall

6.98"
Fittstown, 7/2/2017

Maximum
Wind Gust

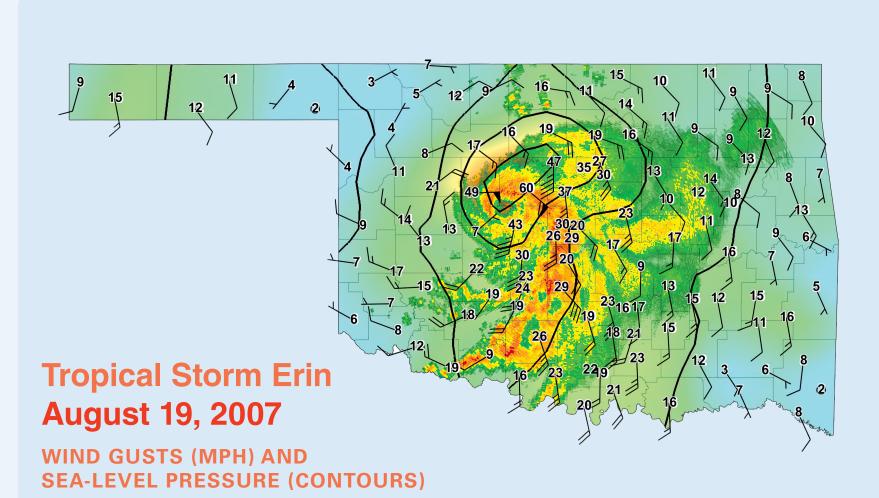
105.9 MPH
Burneyville, 7/30/2014

Oklahoma's reputation for unbearable summer heat was put on full display on the afternoon of **July 19, 2022**. It was the first time in Oklahoma Mesonet history for all 120 sites to reach at least **103°F** on the same day.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			







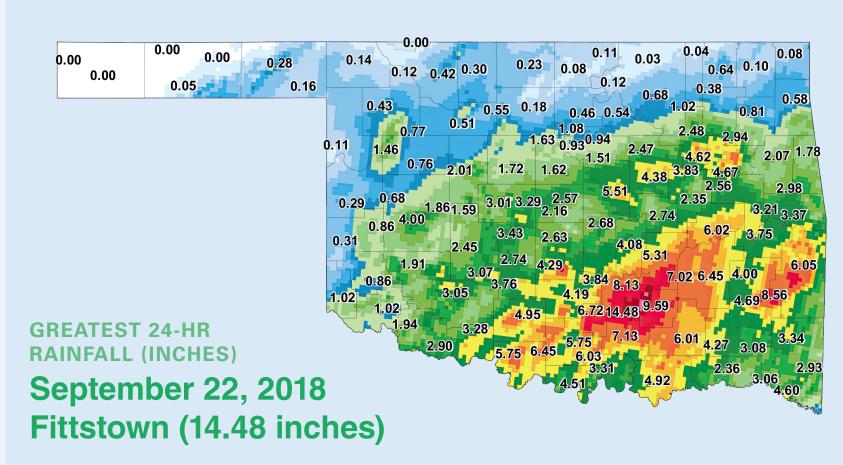
In the early morning hours of **August 19, 2007**, the Oklahoma Mesonet measured a truly unique event – the inland re-intensification of Tropical Storm Erin. Peak wind gusts of **75 miles per hour** in addition to isolated rainfall totals exceeding **8 inches** were measured.



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31







**MONTHLY EXTREMES** Walters, 9/4/2000 Minimum Air Temperature 28.6°F Boise City, 9/25/2000 Maximum **Heat Index** Okmulgee, 9/3/2000 Maximum Daily Rainfall Fittstown, 9/21/2018 Maximum Wind Gust Fairview, 9/13/1997

4.08 5.3 1 3.84 8.13 7.4 4.19 6.7214.48 9.59 5.75 7.13 6.6 6.03 3.31

At 6:20 am on **September 22, 2018**, the Oklahoma Mesonet site at **Fittstown, OK** shattered the all-time Mesonet record for rainfall over a 24-hour period measuring an astonishing **14.48 inches** of rain.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

### **SEPTEMBER**



Every County, 24 Hours a Day, 365 Days a Year



The Oklahoma Mesonet would not be possible without the generosity of the many private landowners and site hosts who have provided land for Mesonet sites as well as frequent access to their properties. Thank you for your tremendous support over the last 30 years! Shown here is a photo taken by the landowner of the Oklahoma Mesonet site in Cheyenne, OK.

**MONTHLY EXTREMES** Maximum Hollis, 10/3/2000 Air Temperature -0.1°F Kenton, 10/31/2019 Wind Chill -8.5°F Boise City, 10/31/2019 Maximum Daily Rainfall Jay, 10/6/2019 Maximum Wind Gust 90.5 MPH Eufaula, 10/17/2007

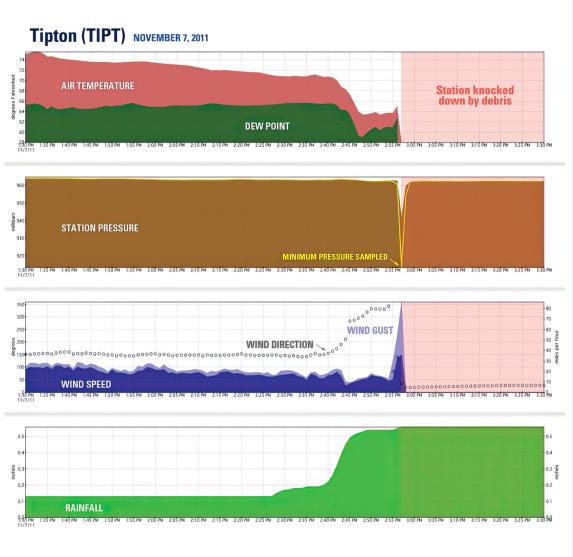
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

# OCTOBER





After many close calls with tornadoes over the years, good luck ended when not one but two Oklahoma Mesonet sites were destroyed by tornadoes on November 7, 2011. The tornadoes were spawned from the same parent thunderstorm and took out the Oklahoma Mesonet sites in Tipton, OK and Fort Cobb, OK.





SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

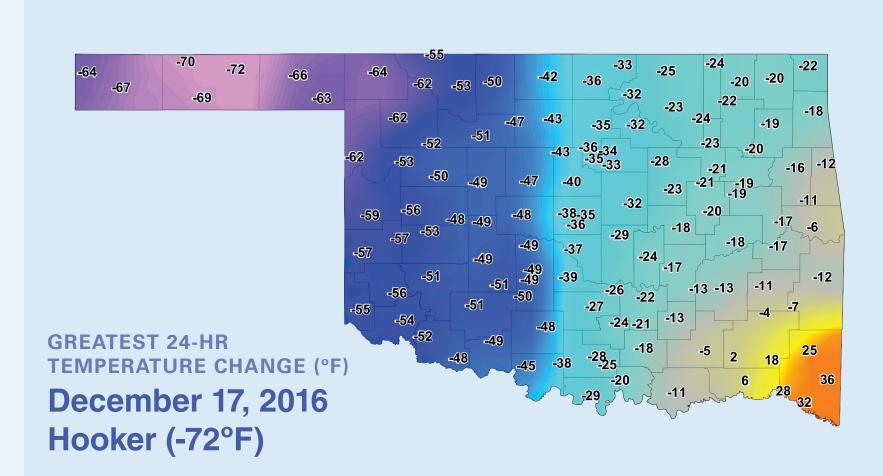
## **NOVEMBER**



-70

-69

-72



On **December 16–17, 2016**, a major arctic cold front slammed Oklahoma and brought with it the largest 24-hour temperature swings observed by the Oklahoma Mesonet in its 30-year history. Leading the way was the **Hooker, OK** site, which dropped a stunning **72°F**.



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

### **DECEMBER**