


## Storm Data and Unusual Weather Phenomena - November 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Northwest</b>				
<b>BENTON COUNTY --- 0.8 NW SILOAM SPGS ARPT [36.19, -94.49]</b>				
	11/30/18 22:49 CST		0	Thunderstorm Wind (MG 50 kt)
	11/30/18 22:49 CST		0	Source: AWOS
The surface observation system at Smith Field in Siloam Springs measured 58 mph thunderstorm wind gusts.				
<b>CRAWFORD COUNTY --- 3.5 NW VAN BUREN [35.46, -94.40], 2.1 NNW FURRY [35.51, -94.32]</b>				
	11/30/18 23:09 CST		2.50M	Tornado (EF2, L: 5.60 mi , W: 600 yd)
	11/30/18 23:14 CST	2	0	Source: NWS Storm Survey
This tornado developed north of I-40 and just west of Lee Creek Road where homes sustained minor roof damage, trees were uprooted, and the roofs of several apartment complexes were damaged. The tornado moved northeast across Rena Road, damaging numerous homes, some severely, snapping three large wooden utility structures, and snapping and uprooting numerous trees. The tornado then crossed Uniontown Road and Fayetteville Road near Rena, and dissipated as it approached N Rudy Road. Based on this damage, maximum estimated wind in the tornado was 110 to 120 mph.				
<b>SEBASTIAN COUNTY --- FT SMITH [35.38, -94.42]</b>				
	11/30/18 23:10 CST		0	Thunderstorm Wind (EG 56 kt)
	11/30/18 23:10 CST		0	Source: Emergency Manager
Strong thunderstorm wind snapped large tree limbs.				
<b>WASHINGTON COUNTY --- 3.1 W MARROW [35.88, -94.49]</b>				
	11/30/18 23:10 CST		15K	Thunderstorm Wind (EG 65 kt)
	11/30/18 23:10 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down trees, and damaged the roofs of homes and outbuildings.				
<b>WASHINGTON COUNTY --- 2.0 E EVANSVILLE [35.80, -94.50]</b>				
	11/30/18 23:15 CST		10K	Thunderstorm Wind (EG 65 kt)
	11/30/18 23:15 CST		0	Source: Public
Strong thunderstorm wind damaged the roofs of poultry houses and blew down trees in Evansville.				
<b>CRAWFORD COUNTY --- 0.6 ENE RUDY [35.53, -94.27], 1.6 SE MOUNTAINBURG [35.61, -94.15]</b>				
	11/30/18 23:17 CST		75K	Tornado (EF1, L: 8.70 mi , W: 700 yd)
	11/30/18 23:24 CST		0	Source: NWS Storm Survey
This tornado developed just north of Rudy, where trees were uprooted on Whitson Drive to the west of Highway 282. The tornado moved east-northeast uprooting more trees and destroying barns along Highway 282. Trees were uprooted as the tornado crossed Peach Drive, with extensive tree damage as it approached I-49 on Cozy Cove and Lancaster Road. Trees were uprooted on Gregory Chapel Road. Extensive tree and power pole damage occurred along Highway 71 near Winn Mountain Road and Cain Road. The tornado dissipated after crossing Old Turner Road, to the south of Highway 348, where barns were destroyed and trees were uprooted. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph.				
<b>CRAWFORD COUNTY --- 1.7 NW DEAN SPG [35.54, -94.24]</b>				
	11/30/18 23:18 CST		0	Thunderstorm Wind (EG 65 kt)
	11/30/18 23:18 CST		0	Source: NWS Storm Survey
Strong thunderstorm wind uprooted trees south of the tornado.				
<b>CRAWFORD COUNTY --- ALMA [35.48, -94.23]</b>				
	11/30/18 23:19 CST		25K	Thunderstorm Wind (EG 65 kt)
	11/30/18 23:19 CST		0	Source: Fire Department/Rescue
Strong thunderstorm wind uprooted trees and damaged the roofs of homes.				
<b>SEBASTIAN COUNTY --- LAVACA [35.33, -94.18]</b>				
	11/30/18 23:22 CST		0	Thunderstorm Wind (EG 61 kt)
	11/30/18 23:22 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - November 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Strong thunderstorm wind uprooted trees.				
<b>WASHINGTON COUNTY --- WEST FORK [35.93, -94.18]</b>				
	11/30/18 23:30 CST		15K	Thunderstorm Wind (EG 61 kt)
	11/30/18 23:30 CST		0	Source: Public
Strong thunderstorm wind destroyed an outbuilding and snapped large tree limbs.				
<b>WASHINGTON COUNTY --- 0.5 W ELKINS [35.00, -94.01]</b>				
	11/30/18 23:41 CST		25K	Thunderstorm Wind (EG 65 kt)
	11/30/18 23:41 CST		0	Source: Emergency Manager
Strong thunderstorm wind uprooted trees, and damaged the roofs of homes and outbuildings.				
<b>FRANKLIN COUNTY --- OZARK [35.50, -93.83]</b>				
	11/30/18 23:45 CST		0	Thunderstorm Wind (EG 56 kt)
	11/30/18 23:45 CST		0	Source: Emergency Manager
Strong thunderstorm wind snapped large tree limbs.				
<b>FRANKLIN COUNTY --- 2.2 E WEBB CITY [35.48, -93.79]</b>				
	11/30/18 23:46 CST		15K	Thunderstorm Wind (EG 61 kt)
	11/30/18 23:46 CST		0	Source: Emergency Manager
Strong thunderstorm wind damaged the roofs of five homes and uprooted trees.				
<b>MADISON COUNTY --- 1.1 W WHITENER [36.12, -93.90], 0.8 NE CLIFTY [36.24, -93.79]</b>				
	11/30/18 23:49 CST		75K	Thunderstorm Wind (EG 83 kt)
	11/30/18 23:56 CST		0	Source: NWS Storm Survey
Strong thunderstorm wind produced a swath of damage at least three miles wide from southwest of Hindsville to northeast of Clifty. Within this swath of damage, numerous homes were damaged, a mobile home was destroyed, businesses were damaged, outbuildings were destroyed, and numerous trees and power poles were snapped.				
<b>BENTON COUNTY --- PEA RIDGE [36.45, -94.12]</b>				
	11/30/18 23:56 CST		0	Thunderstorm Wind (EG 56 kt)
	11/30/18 23:56 CST		0	Source: Emergency Manager
Strong thunderstorm wind snapped large tree limbs.				
<p><b>A strong low pressure trough translated from the southwestern United States into the Southern Plains on November 30th and December 1st. Warm and moist air had spread northward into northwestern Arkansas ahead of this system. Atmospheric instability became moderately strong during the afternoon and evening hours to the east of a cold front that was over western Oklahoma, and south of a stationary front that was located across northern Oklahoma into southern Missouri. As the strong storm system moved into the Southern Plains on the 30th, wind fields throughout the atmosphere increased substantially, which resulted in very strong deep-layer and low-level wind shear across northwestern Arkansas during the evening and overnight hours.</b></p> <p><b>Thunderstorms developed during the evening hours of the 30th across central and eastern Oklahoma, and moved northeast across northwestern Arkansas during the late evening and overnight hours. Moderately strong atmospheric instability across the area combined with very strong wind shear to produce organized severe thunderstorms. A squall line moved rapidly across the area ahead of the surging cold front and produced several tornadoes and damaging wind gusts in northwest Arkansas.</b></p>				

## Storm Data and Unusual Weather Phenomena - November 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

*An EF-2 tornado damaged or destroyed numerous homes in Van Buren, Arkansas during the late evening of November 30, 2018. Photo by Ed Calianese, WCM, NWS Tulsa Oklahoma.*

### OKLAHOMA, Eastern

<b>TULSA COUNTY --- 2.0 S SAND SPGS [36.12, -96.12]</b>				
	11/30/18 21:26 CST	0		Thunderstorm Wind (EG 52 kt)
	11/30/18 21:26 CST	0		Source: Amateur Radio

Thunderstorm wind gusts were estimated to 60 mph.

<b>MUSKOGEE COUNTY --- 2.8 S WEBBERS FALLS SHEFFI [35.46, -95.11], 2.0 SE WEBBERS FALLS SHEFFI [35.48, -95.09]</b>				
	11/30/18 21:28 CST	40K		Tornado (EF0, L: 1.80 mi , W: 400 yd)
	11/30/18 21:30 CST	0		Source: NWS Storm Survey

This is the first segment of a two segment tornado. This tornado developed in the Arkansas River bottoms of far southeastern Muskogee County, where several center pivot irrigation systems were destroyed and barns were damaged. The tornado crossed the Arkansas River into Sequoyah County. Based on this damage, maximum estimated wind in this segment of the tornado was 80 to 85 mph.

<b>SEQUOYAH COUNTY --- 3.7 SSE GORE [35.48, -95.09], 4.2 SW BOX [35.54, -95.04]</b>				
	11/30/18 21:30 CST	5K		Tornado (EF1, L: 5.30 mi , W: 400 yd)
	11/30/18 21:37 CST	0		Source: NWS Storm Survey

This is the second segment of a two segment tornado. The tornado crossed the Arkansas River, moving into Sequoyah County, and uprooted trees as it crossed I-40. It continued to move northeast, crossing Highway 64 to the east of Gore where trees were snapped and a home was damaged. The tornado then dissipated over open country south of the E1000 Road. Based on this damage, maximum estimated wind in this segment of the tornado was 95 to 105 mph.

<b>OSAGE COUNTY --- 2.7 SSW SKIATOOK ARPT [36.31, -96.04], 1.6 S SKIATOOK ARPT [36.33, -96.02]</b>				
	11/30/18 21:36 CST	15K		Tornado (EF0, L: 1.50 mi , W: 200 yd)
	11/30/18 21:38 CST	0		Source: NWS Storm Survey

This tornado developed south of W 113th Street N where a barn was damaged. The tornado moved northeast damaging trees on N 36th West Ave, and then severely damaging two mobile homes, snapping large tree limbs, and damaging the roof of a home along Park Farm Lane. The tornado dissipated west of the Tulsa County line. Based on this damage, maximum estimated wind in the tornado was 70 to 80 mph.

<b>TULSA COUNTY --- 0.6 SE SPERRY [36.29, -95.99], 1.0 ENE SPERRY [36.31, -95.99]</b>				
	11/30/18 21:36 CST	10K		Thunderstorm Wind (EG 65 kt)
	11/30/18 21:37 CST	0		Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - November 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Strong thunderstorm wind damaged the roofs of several homes, damaged the roof of a church, damaged a barn, and snapped large tree limbs.

**SEQUOYAH COUNTY --- 2.0 WSW BOX [35.57, -95.01]**

11/30/18 21:40 CST			5K	Thunderstorm Wind (EG 61 kt)
11/30/18 21:40 CST			0	Source: NWS Storm Survey

Strong thunderstorm wind damaged a barn and snapped large tree limbs.

**SEQUOYAH COUNTY --- 1.0 SSE BLACKGUM [35.61, -94.99], 1.9 NE BLACKGUM [35.64, -94.98]**

11/30/18 21:43 CST			0.15M	Tornado (EF1, L: 2.40 mi , W: 900 yd)
11/30/18 21:47 CST			0	Source: NWS Storm Survey

This is the first segment of a six segment tornado. This long-track tornado developed near Blackgum where homes were damaged, barns and outbuildings were destroyed, and trees were snapped. The tornado moved north-northeast, snapping and uprooting numerous trees as it approached an inlet of Lake Tenkiller, and crossed into Cherokee County. Based on this damage, maximum estimated wind in this segment of the tornado was 100 to 110 mph.

**CHEROKEE COUNTY --- 4.3 S COOKSON [35.64, -94.98], 2.8 N WAUHILLAU [35.89, -94.81]**

11/30/18 21:47 CST			1.50M	Tornado (EF2, L: 19.80 mi , W: 1100 yd)
11/30/18 22:13 CST		5	0	Source: NWS Storm Survey

This is the second segment of a six segment tornado. This long-track tornado moved into Cherokee County near an inlet of Lake Tenkiller, where boat docks, lake homes, boats, and outbuildings were destroyed, and trees and power poles were snapped. The tornado moved north-northeast along the eastern shores of Lake Tenkiller, passing through Cookson and Cherokee Landing State Park. Numerous homes were damaged or destroyed, numerous boat docks were destroyed, many boats were destroyed, outbuildings were destroyed, many trees and power poles were snapped, and hangars at the airport west of Cookson were destroyed. From Lake Tenkiller, the tornado continued to move north-northeast across less populated areas of southeastern Cherokee County where a few homes were damaged, outbuildings were destroyed, and trees were snapped or uprooted. The tornado moved into Adair County to the east-northeast of Welling. Based on this damage, maximum estimated wind in this segment of the tornado was 115 to 125 mph.

**SEQUOYAH COUNTY --- 1.0 W VIAN [35.50, -94.99]**

11/30/18 21:48 CST			2K	Thunderstorm Wind (EG 56 kt)
11/30/18 21:48 CST			0	Source: Law Enforcement

Strong thunderstorm wind blew down power lines on Highway 64 west of Vian.

**PUSHMATAHA COUNTY --- 3.6 ENE STANLEY [34.56, -95.42]**

11/30/18 22:00 CST			2K	Thunderstorm Wind (EG 61 kt)
11/30/18 22:00 CST			0	Source: Law Enforcement

Strong thunderstorm wind blew down trees and power lines southwest of Clayton, resulting in a temporary road closure.

**ADAIR COUNTY --- 1.7 WSW TITANIC [35.89, -94.81], 1.1 W TITANIC [35.90, -94.80]**

11/30/18 22:13 CST			15K	Tornado (EF1, L: 0.80 mi , W: 900 yd)
11/30/18 22:14 CST			0	Source: NWS Storm Survey

This is the third segment of a six segment tornado. The tornado moved into Adair County southwest of Wauhilla and moved north-northeast across Highway 51 and the E768 Road. A couple homes were damaged, outbuildings were damaged, and trees were uprooted. The tornado moved back into Cherokee County northwest of Wauhilla. Based on this damage, maximum estimated wind in this segment of the tornado was 90 to 100 mph.

**CHEROKEE COUNTY --- 2.6 SE ELDON [35.90, -94.80], 2.4 SE ELDON [35.91, -94.80]**

11/30/18 22:14 CST			0	Tornado (EF1, L: 0.50 mi , W: 900 yd)
11/30/18 22:15 CST			0	Source: NWS Storm Survey

This is the fourth segment of a six segment tornado. In this short segment of the tornado in Cherokee County, the tornado uprooted trees, and then moved back into Adair County south-southwest of Proctor. Based on this damage, maximum estimated wind in this segment of the tornado was 90 to 100 mph.

**ADAIR COUNTY --- 1.1 WNW TITANIC [35.91, -94.80], 5.7 NE CHEWEY [36.16, -94.70]**

11/30/18 22:15 CST			0.25M	Tornado (EF2, L: 18.40 mi , W: 1000 yd)
11/30/18 22:39 CST			0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - November 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>This is the fifth segment of a six segment tornado. This long-track tornado moved back into Adair County south-southwest of Proctor and moved north-northeast snapping and uprooting trees on the 754 Road. The tornado crossed Highway 62 near Proctor where homes were severely damaged, large outbuildings were destroyed, farm equipment was thrown large distances, and many trees were snapped and uprooted. It snapped and uprooted numerous trees and destroyed barns between Highway 62 and Chewey Road. Some of the tree damage in this heavily-wooded, rural area was extensive. The tornado continued to move north-northeast across heavily wooded terrain and then crossed River Road where numerous trees were uprooted, and finally into Delaware County near Dripping Springs. Based on this damage, maximum estimated wind in this segment of the tornado was 110 to 120 mph.</p>				
<hr/>				
<b>HASKELL COUNTY --- 3.0 ENE WHITEFIELD [35.27, -95.18]</b>	11/30/18 22:30 CST		0	Thunderstorm Wind (MG 56 kt)
	11/30/18 22:30 CST		0	Source: Mesonet
<p>The Oklahoma Mesonet station near Stigler measured 64 mph thunderstorm wind gusts.</p>				
<hr/>				
<b>DELAWARE COUNTY --- 2.7 S FLINT [36.16, -94.70], 2.7 NE FLINT [36.23, -94.67]</b>	11/30/18 22:39 CST		50K	Tornado (EF1, L: 5.10 mi , W: 800 yd)
	11/30/18 22:46 CST		0	Source: NWS Storm Survey
<p>This is the final segment of a six segment tornado. This long-track tornado moved into Delaware County southwest of Dripping Springs and Natural Falls State Park, where trees were uprooted. The tornado tracked north-northeast damaging a few homes, destroying a couple outbuildings, and snapping and uprooting trees as it crossed Highway 412. It dissipated southeast of Colcord. Based on this damage, maximum estimated wind in this segment of the tornado was 95 to 105 mph.</p>				
<hr/>				
<b>MUSKOGEE COUNTY --- 0.8 SSW WEBBERS FALLS SHEFFI [35.49, -95.12]</b>	11/30/18 22:40 CST		0	Thunderstorm Wind (MG 56 kt)
	11/30/18 22:40 CST		0	Source: Mesonet
<p>The Oklahoma Mesonet station near Webbers Falls measured 65 mph thunderstorm wind gusts.</p>				
<hr/>				
<b>SEQUOYAH COUNTY --- 0.6 N SALLISAW ARPT [35.44, -94.80]</b>	11/30/18 22:49 CST		0	Thunderstorm Wind (MG 58 kt)
	11/30/18 22:49 CST		0	Source: Mesonet
<p>The Oklahoma Mesonet station near Sallisaw measured 67 mph thunderstorm wind gusts.</p>				
<hr/>				
<b>LE FLORE COUNTY --- POTEAU [35.05, -94.62]</b>	11/30/18 23:01 CST		5K	Thunderstorm Wind (EG 56 kt)
	11/30/18 23:01 CST		0	Source: Broadcast Media
<p>Strong thunderstorm wind peeled off portions of the roof of a mobile home.</p>				
<hr/>				
<b>LE FLORE COUNTY --- 1.0 NNW HEAVENER [34.89, -94.60]</b>	11/30/18 23:05 CST		15K	Thunderstorm Wind (EG 61 kt)
	11/30/18 23:05 CST		0	Source: Emergency Manager
<p>Strong thunderstorm wind blew off portions of the roof of a home, and blew down multiple trees.</p>				
<hr/>				
<b>DELAWARE COUNTY --- 6.9 SE GROVE ARPT [36.52, -94.65]</b>	11/30/18 23:27 CST		0	Thunderstorm Wind (MG 54 kt)
	11/30/18 23:27 CST		0	Source: Law Enforcement
<p>Thunderstorm wind gusts were measured to 62 mph near the intersection of the 360 Road and the 690 Road.</p>				
<p><b>A strong low pressure trough translated from the southwestern United States into the Southern Plains on November 30th and December 1st. Warm and moist air had spread northward into eastern Oklahoma ahead of this system. Atmospheric instability became moderately strong during the afternoon and evening hours to the east of a cold front that was over western Oklahoma and south of a stationary front that was located across northern Oklahoma into southern Missouri. As the strong storm system moved into the Southern Plains on the 30th, wind fields throughout the atmosphere increased substantially, which resulted in very strong deep-layer and low-level wind shear across eastern Oklahoma during the evening and overnight hours.</b></p>				
<p>Thunderstorms developed during the evening hours of the 30th across central and eastern Oklahoma. Moderately strong atmospheric instability across the area combined with very strong wind shear to produce organized severe thunderstorms, including supercells. Supercell thunderstorms produced several tornadoes and damaging thunderstorm wind gusts across eastern Oklahoma. One of the tornadoes was strong and exceptionally long-tracked, affecting Sequoyah, Cherokee, Adair, and Delaware Counties. A squall line moved</p>				

## Storm Data and Unusual Weather Phenomena - November 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

rapidly across the area ahead of the surging cold front and produced additional tornadoes and damaging wind gusts.



*An EF-2 tornado destroyed several hangars at the Tenkiller Lake Airpark in Cherokee County, Oklahoma, during the evening of November 30, 2018. This long-track tornado damaged or destroyed numerous homes, destroyed boat docks, sunk many boats, and destroyed numerous outbuildings as it moved across portions of Sequoyah, Cherokee, Adair, and Delaware Counties during its 63 minute-long life cycle. Photo by Ed Calianese, WCM, NWS Tulsa Oklahoma.*