

Storm Data and Unusual Weather Phenomena - November 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
(AR-Z001) BENTON, (AR-Z029) SEBASTIAN				
	11/01/22 00:00 CST		0	Drought
	11/29/22 23:59 CST		0	
<p>Several widespread rain events, and even a winter event, during November helped to continue to ease the drought across much of northwestern Arkansas during the month. Much of northwestern Arkansas received precipitation amounts near to slightly above average for the month. Three to eight inches of precipitation fell across the region, which equated to near normal rainfall for the month, to as much as 125 to 150 percent of normal rainfall for the month across portions of northwestern Arkansas. Severe drought (D2) conditions at the beginning of the month across portions of Benton and Sebastian Counties, improved to moderate drought (D1) conditions by the end of the month. Outside of these two areas, much of northwestern Arkansas improved to abnormally dry (D0) conditions by the end of the month. Monetary damage estimates as a result of the drought were not available.</p>				
WASHINGTON COUNTY --- 1.0 SW STRICKLER [35.82, -94.34]				
	11/04/22 17:15 CST		50K	Thunderstorm Wind (EG 56 kt)
	11/04/22 17:15 CST		0	Source: COOP Observer
Strong thunderstorm wind damaged several chicken houses.				
WASHINGTON COUNTY --- 1.5 WNW SUNSET [35.83, -94.05], 2.4 NNE HAZEL VLY [35.90, -93.98]				
	11/04/22 17:53 CST		2K	Tornado (EF1, L: 6.50 mi , W: 1000 yd)
	11/04/22 18:00 CST		0	Source: NWS Storm Survey
This tornado developed and moved across highly rugged and wooded terrain. It uprooted trees and snapped a few power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph.				
WASHINGTON COUNTY --- 1.8 ENE HAZEL VLY [35.88, -93.97]				
	11/04/22 17:55 CST		20K	Thunderstorm Wind (EG 61 kt)
	11/04/22 17:55 CST		0	Source: Emergency Manager
Strong thunderstorm wind damaged a chicken house and blew down trees.				
WASHINGTON COUNTY --- 1.0 SW DURHAM [35.94, -93.99]				
	11/04/22 17:57 CST		2K	Thunderstorm Wind (EG 61 kt)
	11/04/22 17:57 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down trees and power poles.				
SEBASTIAN COUNTY --- 4.2 S HUNTINGTON [35.02, -94.27], 1.7 SSW DAYTON [35.10, -94.24]				
	11/04/22 17:58 CST		0.40M	Tornado (EF1, L: 5.80 mi , W: 1000 yd)
	11/04/22 18:07 CST		0	Source: NWS Storm Survey
This tornado developed south of Mansfield where trees were blown down and outbuildings were damaged on Johnnie Cake Way . It moved north across Mansfield and across the east side of Huntington. Sixteen homes were damaged in Mansfield, several significantly. Trees were snapped or uprooted, and power poles were blown down. Based on this damage, maximum estimated wind in the tornado was 105 to 110 mph.				
MADISON COUNTY --- 1.1 N HARMONY [36.12, -93.70], 1.3 SSW ALABAM [36.13, -93.69]				
	11/04/22 18:20 CST		30K	Tornado (EF0, L: 1.30 mi , W: 150 yd)
	11/04/22 18:22 CST		0	Source: NWS Storm Survey
This tornado developed northeast of Huntsville, damaging a chicken house and uprooting trees. The tornado crossed Highway 412 and dissipated. Based on this damage, maximum estimated wind in the tornado was 70 to 80 mph.				
SEBASTIAN COUNTY --- 2.8 WNW FT CHAFFEE [35.23, -94.10], 1.9 WNW FT CHAFFEE [35.23, -94.08]				
	11/04/22 18:22 CST		0	Tornado (EFU, L: 1.00 mi , W: 150 yd)
	11/04/22 18:24 CST		0	Source: NWS Employee

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This is the first segment of a two segment tornado. The tornado produced a tornadic debris signature (TDS) from the KSRX WSR-88D that persisted from at least 722 pm through 728 pm. The TDS/debris was likely a result of damage to trees, based on aerial imagery. An NWS Tulsa survey team attempted to investigate the area where the damage occurred, but could not access the area. Since no damage could be evaluated, the tornado was rated EF-unknown. It continued into Franklin County.

FRANKLIN COUNTY --- 5.7 SSW CHARLESTON [35.23, -94.08], 4.9 SSW CHARLESTON [35.23, -94.06]				
	11/04/22 18:24 CST		0	Tornado (EFU, L: 1.50 mi , W: 150 yd)
	11/04/22 18:28 CST		0	Source: NWS Employee

This is the second segment of a two segment tornado that moved into Franklin County from Sebastian County. The tornado produced a tornadic debris signature (TDS) from the KSRX WSR-88D that persisted from at least 722 pm through 728 pm. The TDS/debris was likely a result of damage to trees, based on aerial imagery. An NWS Tulsa survey team attempted to investigate the area where the damage occurred , but could not access the area. Since no damage could be evaluated, the tornado was rated EF-unknown.

FRANKLIN COUNTY --- 1.2 SE PETER PENDER [35.34, -93.91], 3.3 SSE MEG [35.36, -93.86]				
	11/04/22 18:38 CST		75K	Tornado (EF1, L: 3.30 mi , W: 350 yd)
	11/04/22 18:42 CST		0	Source: Emergency Manager

This tornado moved east-northeast from Shaw Loop to Highway 23. It uprooted trees, damaged a couple homes, and destroyed several outbuildings. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph.

FRANKLIN COUNTY --- 2.2 NE PETER PENDER [35.37, -93.90], 1.8 SSE MEG [35.38, -93.87]				
	11/04/22 18:41 CST		25K	Tornado (EF0, L: 1.70 mi , W: 150 yd)
	11/04/22 18:43 CST		0	Source: Emergency Manager

This tornado moved east-northeast from just east of Highway 54 to north of Compressor Road, and damaged outbuildings and snapped large tree limbs. Based on this damage, maximum estimated wind in the tornado was 75 to 80 mph.

CARROLL COUNTY --- 2.4 WSW GREEN FOREST [36.31, -93.49], 0.9 NNW FARWELL [36.39, -93.38]				
	11/04/22 18:43 CST		0.20M	Tornado (EF1, L: 8.50 mi , W: 1100 yd)
	11/04/22 18:51 CST		0	Source: NWS Storm Survey

This tornado developed southwest of Green Forest and moved into town, damaging trees and power poles. Several poultry barns were damaged or destroyed, three grain bins were toppled, and multiple homes were damaged. It continued northeast of town where trees were uprooted, several homes were damaged, and several poultry barns were damaged. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph.

FRANKLIN COUNTY --- 2.0 NW DENNING [35.42, -93.83], 1.5 NNW DENNING [35.42, -93.81]				
	11/04/22 18:46 CST		0	Tornado (EF1, L: 1.30 mi , W: 1100 yd)
	11/04/22 18:48 CST		0	Source: Emergency Manager

This is the first segment of a three segment tornado. The tornado developed east of Highway 23, and crossed Highway 309, where trees were uprooted and large tree limbs were snapped. It then moved briefly across a small portion of Logan County. Based on this damage, maximum estimated wind in this segment of the tornado was 90 to 95 mph.

FRANKLIN COUNTY --- 1.5 N DENNING [35.42, -93.80], 1.6 SSW ALTUS [35.43, -93.78]				
	11/04/22 18:49 CST		0	Tornado (EF1, L: 1.60 mi , W: 900 yd)
	11/04/22 18:51 CST		0	Source: Emergency Manager

This is the third segment of a three segment tornado. The tornado moved back into Franklin County after briefly moving across the Arkansas River in Logan County. It uprooted a few trees and snapped large tree limbs before dissipating just east of Highway 46. Based on this damage, maximum estimated wind in this segment of the tornado was 85 to 90 mph.

SEBASTIAN COUNTY --- 1.6 N FT SMITH [35.40, -94.42], 1.9 WSW FT SMITH TWIN CITY A [35.41, -94.35], 1.4 ESE (FSM)FT SMITH MUNI A [35.32, -94.35], 0.4 NNW CAVANAUGH [35.32, -94.43]				
	11/04/22 20:00 CST		0	Flash Flood (due to Heavy Rain)
	11/04/22 22:45 CST		0	Source: Broadcast Media

Six swift water rescues were conducted in Fort Smith, as vehicles had become stranded in flood water. Several roads were closed due to high water.

Severe thunderstorms moved through northwestern Arkansas during the evening of the 4th. The atmosphere became moderately unstable ahead of a cold front approaching from the north and a dry line approaching from the west. Deep layer and low level wind shear increased during the afternoon and evening across the area, with the approach of a strong upper level disturbance, and became very strong by early evening. The combination of moderately strong instability and strong to very strong wind shear resulted in some supercell thunderstorm structures, as well as a severe squall line that moved through the region. Multiple tornadoes occurred across

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northwestern Arkansas, along with damaging wind gusts.

(AR-Z010) WASHINGTON

11/14/22 17:30 CST	0	Winter Storm
11/14/22 22:30 CST	0	

A strong upper level disturbance translated through the Southern Plains on the 14th. Precipitation began across northwestern Arkansas as rain, but quickly changed to snow as layers of dry air above the ground evaporated some of the precipitation, and subsequently cooled the air column enough to support a complete transition to snow. One to three inches of snow accumulated across much of northwestern Arkansas, with up to four to four and a half inches across portions of Washington County.

OKLAHOMA, Eastern

(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z058) OTTAWA, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z063) DELAWARE, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z068) CHEROKEE, (OK-Z069) ADAIR, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE

11/01/22 00:00 CST	0	Drought
11/30/22 23:59 CST	0	

Several widespread rain events, and even a winter event, during November helped to continue to ease the drought across portions of far eastern and southeastern Oklahoma during the month. However, the remainder of eastern Oklahoma, especially areas west of Highway 69, received below average precipitation for the month, much of that area only receiving between 50 and 75 percent of average rainfall amounts. As a result, exceptional drought (D4) conditions continued across portions of Osage, Pawnee, Nowata, Craig, Ottawa, Rogers, Mayes, Tulsa, Wagoner, Cherokee, Okfuskee, Okmulgee, McIntosh and Pittsburg Counties. Severe (D2) to extreme (D3) drought conditions persisted across much of the remainder of eastern Oklahoma through the month, with the exception of Adair, Sequoyah, and Choctaw Counties, which had improved to moderate drought (D1) or abnormally dry (D0). Monetary damage estimates as a result of the drought were not available.

OKMULGEE COUNTY --- HENRYETTA [35.45, -95.98]

11/04/22 14:33 CST	5K	Thunderstorm Wind (EG 52 kt)
11/04/22 14:33 CST	0	Source: Storm Chaser

Strong thunderstorm wind snapped large tree limbs and blew shingles from the roof of a home.

OKMULGEE COUNTY --- 3.2 NNE NATURA [35.77, -95.93]

11/04/22 14:55 CST	5K	Thunderstorm Wind (EG 61 kt)
11/04/22 14:55 CST	0	Source: Emergency Manager

Strong thunderstorm wind damaged a barn.

CHOCTAW COUNTY --- 2.2 ESE ORD [33.89, -95.46], 3.2 ESE SPENCERVILLE [34.12, -95.30]

11/04/22 15:46 CST	0.90M	Tornado (EF2, L: 18.80 mi , W: 1700 yd)
11/04/22 16:12 CST	1	Source: NWS Storm Survey

This tornado developed in Lamar County, Texas, and produced EF-4 damage northwest of Paris, and then crossed the Red River into Choctaw County. Extensive tree damage occurred just north of the Red River with numerous hardwood trees snapped from E2150 Road to E2140 Road. The tornado moved northeast, becoming about a mile wide several miles south of Sawyer, and continued to produce a very wide damage swath until a couple miles north of Highway 70. Throughout the path, numerous trees were snapped and uprooted, numerous power poles were snapped, numerous outbuildings were destroyed, and 38 homes were damaged, at least sixteen of which were severely damaged. The tornado dissipated between the N 4340 Road and N 4360 Road, and south of the E1980 Road. Based on the damage in Choctaw County, maximum estimated wind in this segment of the tornado was 110 to 120 mph.

OKMULGEE COUNTY --- 4.5 W HECTOR [35.84, -96.00]

11/04/22 16:18 CST	2K	Thunderstorm Wind (EG 52 kt)
11/04/22 16:18 CST	0	Source: Emergency Manager

Strong thunderstorm wind blew down power poles and power lines.

ROGERS COUNTY --- 4.0 ESE FOYIL [36.41, -95.45]

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	11/04/22 16:40 CST		0	Hail (1.00 in)
	11/04/22 16:40 CST		0	Source: Public

LE FLORE COUNTY --- 2.7 SW LUDLOW [34.51, -94.91], 4.9 NNE LUDLOW [34.60, -94.84]

	11/04/22 16:56 CST		70K	Tornado (EF1, L: 7.30 mi , W: 1600 yd)
	11/04/22 17:07 CST		0	Source: NWS Storm Survey

This is the second segment of a two segment tornado, which developed in heavily wooded terrain in far northern McCurtain County. In Le Flore County, numerous trees were snapped or uprooted, a couple homes were damaged, and several outbuildings were destroyed from southeast of Honobia to northeast of Honobia. Based on this damage, maximum estimated wind in this segment of the tornado was 100 to 110 mph.

SEQUOYAH COUNTY --- 2.0 ENE GANS [35.41, -94.67]

	11/04/22 17:13 CST		0	Thunderstorm Wind (EG 56 kt)
	11/04/22 17:13 CST		0	Source: Trained Spotter

Thunderstorm wind gusts were estimated to 65 mph. Large tree limbs were snapped in the area.

LE FLORE COUNTY --- 0.8 NE SPIRO [35.24, -94.62]

	11/04/22 17:19 CST		2K	Thunderstorm Wind (EG 61 kt)
	11/04/22 17:19 CST		0	Source: Social Media

Strong thunderstorm wind blew down a tree and snapped a power pole.

LE FLORE COUNTY --- 2.0 SE HEAVENER [34.86, -94.58]

	11/04/22 17:32 CST		0	Thunderstorm Wind (EG 61 kt)
	11/04/22 17:32 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind uprooted a tree.

LE FLORE COUNTY --- 0.9 SE HEAVENER [34.87, -94.59], 2.4 S MONROE [34.95, -94.52]

	11/04/22 17:33 CST		75K	Tornado (EF1, L: 6.50 mi , W: 900 yd)
	11/04/22 17:41 CST		0	Source: NWS Storm Survey

This tornado developed just south of Highway 128 on the southeast side of Heavener, where several homes were damaged, outbuildings were destroyed, and trees were snapped or uprooted. It moved northeast into mountainous, and heavily wooded terrain, snapping and uprooting numerous trees on Middle Mountain and Poteau Mountain before dissipating near Cowskin Ridge. Based on this damage, maximum estimated wind in the tornado was 100 to 110 mph.

ADAIR COUNTY --- 2.1 SSE BIDDING SPGS [35.77, -94.76], 3.8 NNE LYONS [35.80, -94.69], 4.5 NE BIDDING SPGS [35.85, -94.72], 3.5 N BIDDING SPGS [35.85, -94.77]

	11/04/22 18:00 CST	2	0	Flash Flood (due to Heavy Rain)
	11/04/22 20:00 CST	2	0	Source: Broadcast Media

Locally heavy rainfall resulted in the flooding of portions of several county roads. A vehicle was driven into a flooded low water crossing west of Stilwell, where it was washed downstream. Four people were inside the vehicle at the time. A 14-year old boy and a 9-year old girl in the vehicle were taken to the hospital, treated, and released. A 6-year old girl was drowned in the vehicle. A 43-year old man was also drowned, and was recovered eleven miles downstream, two days after the incident.

Direct Fatalities: F6VE, M43VE

Severe thunderstorms moved through eastern Oklahoma during the late afternoon and evening of the 4th. The atmosphere became moderately unstable ahead of a cold front approaching from the north and a dry line approaching from the west. Deep layer and low level wind shear increased during the afternoon and evening across the area, with the approach of a strong upper level disturbance, and became very strong by early evening. The combination of moderately strong instability and strong to very strong wind shear resulted in some supercell thunderstorm structures, as well as a severe squall line that moved through the region. Multiple tornadoes occurred across eastern Oklahoma from these storms. Damaging wind and large hail up to quarter size also occurred. Heavy rainfall resulted in localized flash flooding.