

## Storm Data and Unusual Weather Phenomena - October 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ARKANSAS, Northwest

(AR-Z001) BENTON, (AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN

10/01/24 00:00 CST		0	Drought
10/31/24 23:59 CST		0	

Much of northwestern Arkansas received below average monthly rainfall for October, with generally less than three inches of rain falling during the month. This corresponded to less than 50 percent of the normal average precipitation for the month across the entire region, with portions of the region receiving less than 25 percent of normal average rainfall. As a result, severe (D2) drought conditions expanded into all of northwest and west central Arkansas, with extreme (D3) drought conditions developing across Benton and Carroll Counties, as well as much of Washington and Madison Counties. Monetary damage estimates as a result of the drought were not available.

WASHINGTON COUNTY --- 1.2 SW PRAIRIE GROVE [35.97, -94.33], 2.1 ENE PRAIRIE GROVE [35.99, -94.28]

10/30/24 23:25 CST		0.30M	Tornado (EF1, L: 3.00 mi , W: 200 yd)
10/30/24 23:31 CST		0	Source: NWS Storm Survey

This tornado developed north of Highway 62 over the southwest side of Prairie Grove. It moved northeast across the southern portion of town and dissipated north of Illinois Chapel Road over open country. Numerous homes were damaged in the path of the tornado, some with significant roof damage. Trees were uprooted, outbuildings were damaged, numerous large tree limbs were snapped, and power poles were blown down by the tornado. Based on this damage, maximum estimated wind in the tornado was 95 to 105 mph.

Scattered severe thunderstorms developed over north central Oklahoma during the late afternoon of the 30th, ahead of an approaching cold front. These storms evolved into a squall line before developing into northwestern Arkansas during the late evening. One thunderstorm developed just ahead of the organizing line of storms, and became a supercell that produced a tornado in 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-Z071) MCINTOSH, (OK-Z073) PITTSBURG, (OK-Z075) LATIMER, (OK-Z076) LE FLORE

10/01/24 00:00 CST		0	Drought
10/31/24 23:59 CST		0	

Much of eastern Oklahoma received below average monthly rainfall for October, as generally less than three inches of rain fell across the region during the month. This corresponded to less than 50 percent of the normal average precipitation for the month, and large portions of the area received less than 25 percent of the normal average precipitation for the month. As a result, severe (D2) drought conditions continued to expand across much of eastern Oklahoma during the month, and extreme (D3) drought conditions expanded across more of southeastern Oklahoma, as well as northeastern Oklahoma. Monetary damage estimates as a result of the drought were not available.

(OK-Z054) OSAGE, (OK-Z063) DELAWARE, (OK-Z076) LE FLORE

10/28/24 09:00 CST		0	Wildfire
10/31/24 23:00 CST		0	

Unseasonably warm temperatures, very strong wind, and very low humidity combined with dormant, drought-stricken fuels to promote conditions that supported the rapid spread of wildfire across portions of eastern Oklahoma during late October. Numerous wildfires developed during this period, with the largest fires burning over 3600 acres in Osage County, more than 350 acres in Delaware County, and more than 250 acres in Le Flore County.

DELAWARE COUNTY --- 3.7 NNW BERNICE [36.67, -94.95]

10/30/24 21:23 CST		0	Thunderstorm Wind (EG 70 kt)
10/30/24 21:23 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind uprooted a tree.

OTTAWA COUNTY --- 2.4 SSE AFTON [36.67, -94.95]

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	10/30/24 21:23 CST		35K	Thunderstorm Wind (EG 70 kt)
	10/30/24 21:23 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind destroyed several outbuildings.

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### OTTAWA COUNTY --- 2.7 SE AFTON [36.67, -94.93], 4.0 ESE AFTON [36.69, -94.90]

	10/30/24 21:25 CST		0	Tornado (EF1, L: 2.10 mi , W: 350 yd)
	10/30/24 21:29 CST		0	Source: NWS Storm Survey

This tornado developed just north of the Delaware/Ottawa County line, to the west of the S 530 Road. It moved east-northeast uprooting numerous trees and snapping large tree limbs before dissipating after crossing Highway 59. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph.

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### OTTAWA COUNTY --- 3.5 N FAIRLAND [36.80, -94.86]

	10/30/24 21:27 CST		3K	Thunderstorm Wind (EG 65 kt)
	10/30/24 21:27 CST		0	Source: Storm Chaser

Strong thunderstorm wind snapped several power poles, and snapped numerous large tree limbs.

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### OTTAWA COUNTY --- 4.2 SSW FAIRLAND [36.70, -94.89]

	10/30/24 21:29 CST		0	Thunderstorm Wind (EG 70 kt)
	10/30/24 21:29 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind uprooted trees.

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### OTTAWA COUNTY --- 3.7 SSW FAIRLAND [36.70, -94.88], 2.0 ESE OGEECHEE [36.76, -94.76]

	10/30/24 21:30 CST		0.10M	Tornado (EF1, L: 7.80 mi , W: 750 yd)
	10/30/24 21:39 CST		0	Source: NWS Storm Survey

This tornado developed west of the S 560 Road and north of the E 220 Road, where large tree limbs were snapped. The tornado moved northeast and dissipated near Grand Lake, south of the E 170 Road. Several homes were damaged, a number of outbuildings were destroyed, trees were uprooted, and numerous large tree limbs and power poles were snapped in the path. Based on this damage, maximum estimated wind in the tornado was 95 to 105 mph.

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### OTTAWA COUNTY --- 4.4 E AFTON [36.69, -94.89]

	10/30/24 21:30 CST		0	Thunderstorm Wind (EG 70 kt)
	10/30/24 21:30 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind uprooted trees.

Scattered severe thunderstorms developed over north central Oklahoma during the late afternoon of the 30th, ahead of an approaching cold front. These storms developed eastward into eastern Oklahoma during the evening, and eventually evolved into a squall line. One thunderstorm developed just ahead of the organizing line of storms, and became a supercell that produced damaging wind and a couple tornadoes in Ottawa County before being absorbed into the squall line.