

## Storm Data and Unusual Weather Phenomena - August 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Northwest</b>				
<b>(AR-Z001) BENTON, (AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN</b>				
	08/01/22 00:00 CST		0	Drought
	08/31/22 23:59 CST		0	
<p>Isolated rainfall events across northwestern Arkansas during August resulted in below normal precipitation across much of the region during the month. The exception was Benton County, which experienced above normal precipitation for the month. The prolonged period of unseasonably dry weather, combined with unseasonably hot weather, resulted in a continuance of severe drought (D2) conditions across much of northwestern Arkansas during the month. Extreme drought (D3) conditions across Benton and Carroll Counties, and much of Washington and Madison Counties, early in the month improved to severe drought (D2) conditions by the end of the month. Monetary damage estimates as a result of the drought were not available.</p>				
<b>(AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN</b>				
	08/05/22 11:00 CST		0	Excessive Heat
	08/05/22 19:00 CST		0	
<p>A ridge of high pressure in the middle and upper atmosphere developed over the southern United States during early August. Unseasonably hot afternoon temperatures near 100 degrees, combined with high humidity, resulted in heat index values in the 110 to 115 degree range across west central Arkansas on the 5th.</p>				
<b>(AR-Z029) SEBASTIAN</b>				
	08/16/22 13:00 CST	1	0	Heat
	08/16/22 16:00 CST		0	
<p>Direct Fatalities: M3VE</p> <p>Afternoon temperatures climbed to near 102 degrees in Fort Smith during the afternoon of the 16th, and the heat index was near 105 degrees. A young boy was reportedly left in a vehicle in the driveway of a home, where he died in the heat.</p>				
<b>WASHINGTON COUNTY --- 0.5 ENE GOSHEN [36.10, -93.99]</b>				
	08/21/22 02:50 CST		0	Thunderstorm Wind (EG 56 kt)
	08/21/22 02:50 CST		0	Source: Social Media
<p>Strong thunderstorm wind snapped large tree limbs.</p> <p>Thunderstorms developed into northwestern Arkansas during the evening of the 20th and continued through the early morning hours of the 21st, as a cold front moved into the area. An isolated thunderstorm briefly became severe, producing damaging winds in Washington County.</p>				
<b>CARROLL COUNTY --- 2.0 SSW OAK GROVE [36.42, -93.44]</b>				
	08/29/22 15:55 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/29/22 15:55 CST		0	Source: Trained Spotter
<p>Strong thunderstorm wind blew down power lines on Highway 612.</p>				
<b>WASHINGTON COUNTY --- 2.2 E TONTITOWN [36.18, -94.19]</b>				
	08/29/22 15:58 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/29/22 15:58 CST		0	Source: Broadcast Media
<p>Strong thunderstorm wind blew down power lines on Highway 412, just west of I-49.</p>				
<b>BENTON COUNTY --- 0.6 SE BENTONVILLE MUNI ARP [36.34, -94.21], 1.4 ESE BENTONVILLE MUNI ARP [36.35, -94.20], 1.6 ESE BENTONVILLE MUNI ARP [36.34, -94.20], 0.8 SSE BENTONVILLE MUNI ARP [36.34, -94.21]</b>				
	08/29/22 16:30 CST	2	0	Flash Flood (due to Heavy Rain)
	08/29/22 18:30 CST		0	Source: Broadcast Media

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<p>Two boys playing in shallow flood water in a retention area, wandered close to a storm drain, and were pulled under the water. A woman immediately dove into the water to attempt to rescue the boys, and managed to save one of them. The other boy was recovered by first responders, but died at the hospital. The woman was also recovered by first responders, and was taken to a hospital where she was on life support for several days. She later died from her injuries sustained in the drowning.</p>				

Direct Fatalities: M11IW, F47IW

<b>WASHINGTON COUNTY --- 0.6 WSW SPRINGDALE [36.18, -94.14]</b>				
	08/29/22 16:30 CST		0	Thunderstorm Wind (EG 61 kt)
	08/29/22 16:30 CST		0	Source: Broadcast Media

Strong thunderstorm wind blew down a couple of small trees near Highway 412 and Highway 71.

<b>CRAWFORD COUNTY --- 1.3 SW SMELTZER [35.46, -94.34]</b>				
	08/29/22 16:45 CST		0	Thunderstorm Wind (EG 61 kt)
	08/29/22 16:45 CST		0	Source: Trained Spotter

Strong thunderstorm wind blew down a large tree.

Scattered thunderstorms developed across northwestern Arkansas during the afternoon and evening of the 29th. The atmosphere across the region became very unstable by the afternoon, promoting a few intense thunderstorms. The strongest storms that developed produced damaging outflow wind gusts. Additionally, locally heavy rainfall in Benton County resulted in some flooding, in which two people drowned.

### OKLAHOMA, Eastern

<b>(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</b>				
	08/01/22 00:00 CST		0	Drought
	08/31/22 23:59 CST		0	

Isolated rainfall events across eastern Oklahoma during the month resulted in below normal precipitation across much of the region. Much of northeastern Oklahoma only received between 10 and 25 percent of normal average rainfall amounts for the month. The prolonged period of unseasonably dry weather, combined with unseasonably hot weather, resulted in a continuance of severe drought (D2) conditions across all of eastern Oklahoma, and an expansion of extreme drought (D3) conditions across northeastern Oklahoma. By the end of the month, extreme drought (D3) conditions existed across all of Ottawa, Craig, Mayes, Nowata, and Washington Counties, and across portions of Osage, Tulsa, Rogers, Wagoner, and Delaware Counties. Extreme drought (D3) conditions continued across much of southeastern Oklahoma, including Choctaw, Pittsburg, and Latimer Counties, as well as portions of Pushmataha, Okfuskee, Okmulgee, McIntosh, Haskell and Le Flore Counties. Monetary damage estimates as a result of the drought were not available.

<b>(OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH, (OK-Z074) HASKELL, (OK-Z076) LE FLORE</b>				
	08/05/22 11:00 CST		0	Excessive Heat
	08/05/22 19:00 CST	4	0	

A ridge of high pressure in the middle and upper atmosphere developed over the southern United States during early August. Unseasonably hot afternoon temperatures near 100 degrees, combined with high humidity, resulted in heat index values in the 110 to 115 degree range across portions of eastern Oklahoma on the 5th. At least four people were treated for heat-related illness in Tulsa.

<b>PITTSBURG COUNTY --- 0.2 NNW CROWDER [35.12, -95.67]</b>				
	08/09/22 04:07 CST		0	Thunderstorm Wind (EG 56 kt)
	08/09/22 04:07 CST		0	Source: Public

Strong thunderstorm wind snapped large tree limbs.

<b>PITTSBURG COUNTY --- 0.2 N CROWDER [35.12, -95.67]</b>				
	08/09/22 04:10 CST		2K	Thunderstorm Wind (EG 61 kt)
	08/09/22 04:10 CST		0	Source: Social Media

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Strong thunderstorm wind uprooted trees, and damaged a privacy fence.				
<b>Thunderstorms developed into southeastern Oklahoma during the early morning hours of the 9th, as a cold front moved into the area. The strongest storms produced damaging wind gusts.</b>				
<b>WASHINGTON COUNTY --- 3.9 WNW OWEN [37.00, -96.00]</b>				
	08/16/22 18:09 CST		0	Thunderstorm Wind (EG 56 kt)
	08/16/22 18:09 CST		0	Source: Public
Strong thunderstorm wind, estimated to be about 65 mph, snapped large tree limbs.				
<b>TULSA COUNTY --- 4.0 ESE TULSA [36.13, -95.88]</b>				
	08/16/22 18:55 CST		1K	Thunderstorm Wind (EG 61 kt)
	08/16/22 18:55 CST		0	Source: Social Media
Strong thunderstorm wind snapped a power pole and numerous large tree limbs.				
<b>Scattered thunderstorms developed across portions of northeastern Oklahoma during the afternoon and evening of the 16th, as a cold front moved through the area. The strongest storms produced damaging wind gusts.</b>				
<b>MCINTOSH COUNTY --- 2.7 N CHECOTAH [35.47, -95.52]</b>				
	08/28/22 14:28 CST		0	Thunderstorm Wind (MG 56 kt)
	08/28/22 14:28 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were measured to 64 mph by a trained storm spotter.				
<b>MCINTOSH COUNTY --- 0.3 N ONAPA [35.40, -95.55]</b>				
	08/28/22 14:42 CST		2K	Thunderstorm Wind (EG 61 kt)
	08/28/22 14:42 CST		0	Source: Trained Spotter
Strong thunderstorm wind blew down power poles and lines near Onapa.				
<b>Scattered thunderstorms developed across portions of east central Oklahoma during the afternoon of the 28th. The atmosphere had become moderately unstable during the afternoon, promoting the development of a few intense thunderstorms. The strongest thunderstorms produced damaging wind gusts.</b>				
<b>TULSA COUNTY --- 3.0 N BROKEN ARROW [36.09, -95.78]</b>				
	08/29/22 13:25 CST		0	Thunderstorm Wind (EG 52 kt)
	08/29/22 13:25 CST		0	Source: NWS Employee
Strong thunderstorm wind snapped large tree limbs.				
<b>ROGERS COUNTY --- 3.7 SW CATALE [36.53, -95.43]</b>				
	08/29/22 14:25 CST		10K	Thunderstorm Wind (EG 61 kt)
	08/29/22 14:25 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down a large tree, snapped large tree limbs, blew down power lines, and damaged a railroad crossing gate near Highway 66 and 6th Street. Some tree limbs fell onto a mobile home, damaging it.				
<b>OTTAWA COUNTY --- 4.9 S FAIRLAND [36.68, -94.86]</b>				
	08/29/22 15:34 CST		0	Thunderstorm Wind (EG 61 kt)
	08/29/22 15:34 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down a tree near the Highway 125 and Highway 59 intersection.				
<b>Scattered thunderstorms developed across northeastern Oklahoma during the afternoon and early evening of the 29th. The atmosphere across the region became very unstable by the afternoon, promoting a few intense thunderstorms. The strongest storms that developed produced damaging outflow wind gusts.</b>				