

Storm Data and Unusual Weather Phenomena - August 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
BENTON COUNTY --- GRAVETTE [36.42, -94.45]				
	08/13/21 14:50 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/21 14:50 CST	0		Source: Broadcast Media
Strong thunderstorm wind snapped large tree limbs.				
BENTON COUNTY --- 1.0 S GARFIELD [36.44, -93.97]				
	08/13/21 14:52 CST	0		Hail (1.00 in)
	08/13/21 14:52 CST	0		Source: Public
BENTON COUNTY --- 3.0 W DECATUR [36.33, -94.50]				
	08/13/21 14:55 CST	0		Hail (1.00 in)
	08/13/21 14:55 CST	0		Source: Public
BENTON COUNTY --- 4.0 WSW DECATUR [36.31, -94.52]				
	08/13/21 15:05 CST	0		Hail (1.00 in)
	08/13/21 15:05 CST	0		Source: Public
BENTON COUNTY --- 4.0 SSW BENTONVILLE [36.32, -94.25]				
	08/13/21 15:20 CST	0		Thunderstorm Wind (EG 65 kt)
	08/13/21 15:20 CST	0		Source: Public
Strong thunderstorm wind blew down trees.				
BENTON COUNTY --- 0.6 NNE BENTONVILLE [36.38, -94.22]				
	08/13/21 15:50 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/21 15:50 CST	0		Source: Public
Strong thunderstorm wind snapped large tree limbs in north Bentonville.				
WASHINGTON COUNTY --- SPRINGDALE [36.18, -94.13]				
	08/13/21 16:10 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/21 16:10 CST	0		Source: Broadcast Media
Strong thunderstorm wind snapped large tree limbs.				
<p>Thunderstorms developed across northwestern Arkansas during the afternoon of the 13th along a remnant outflow boundary that stretched across the area from earlier thunderstorms. Moderate to strong instability resulted in some intense updrafts, which allowed the strongest storms to produce hail up to quarter size and damaging wind gusts.</p>				
WASHINGTON COUNTY --- 0.8 ESE LINCOLN [35.94, -94.41]				
	08/26/21 14:30 CST	10K		Thunderstorm Wind (EG 56 kt)
	08/26/21 14:30 CST	0		Source: Newspaper
Strong thunderstorm wind damaged some of the fencing and some of the stands at the high school football stadium.				
<p>Widely scattered thunderstorms developed across portions of northwestern Arkansas during the afternoon of the 26th. The atmosphere had become very unstable by the time the thunderstorms developed, allowing for intense updraft development in some storms. The strongest thunderstorm produced damaging wind gusts.</p>				
OKLAHOMA, Eastern				
(OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z064) CREEK, (OK-Z067) WAGONER, (OK-Z070) MUSKOGEE				
	08/09/21 11:00 CST	0		Excessive Heat
	08/09/21 19:00 CST	0		

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A ridge of high pressure in the middle and upper atmosphere developed over the south central United States during mid August. Afternoon temperatures reaching the mid to upper 90s, combined with high humidity, resulted in heat index values in the 110 to 115 degree range across portions of northeastern Oklahoma on the 9th.

(OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z070) MUSKOGEE

08/12/21 11:00 CST			0	Excessive Heat
08/12/21 19:00 CST			0	

A ridge of high pressure in the middle and upper atmosphere developed over the south central United States during mid August. Afternoon temperatures reaching the upper 90s to near 100 degrees, combined with high humidity, resulted in heat index values in the 110 to 115 degree range across portions of northeastern Oklahoma on the 12th.

OKFUSKEE COUNTY --- 4.0 N PADEN [35.56, -96.57]

08/13/21 15:50 CST			0	Thunderstorm Wind (EG 52 kt)
08/13/21 15:50 CST			0	Source: Social Media

Strong thunderstorm wind snapped large tree limbs.

Scattered thunderstorms developed during the afternoon of the 13th along a remnant outflow boundary that stretched across the area from earlier thunderstorms. Moderate to strong instability resulted in some intense updrafts, which allowed the strongest storms to produce damaging wind gusts.

SEQUOYAH COUNTY --- 3.7 W VIAN [35.50, -95.04], 4.0 SW BOX [35.54, -95.03], 2.3 S BOX [35.55, -94.99], 0.3 WNW VIAN [35.50, -94.97]

08/17/21 08:45 CST			0	Flash Flood (due to Heavy Rain)
08/17/21 11:00 CST			0	Source: Trained Spotter

Portions of several roads were reported flooded and closed, after locally heavy rain fell in the area.

SEQUOYAH COUNTY --- 3.9 NE VIAN [35.54, -94.92], 3.8 NE VIAN [35.53, -94.92], 3.4 NE VIAN [35.53, -94.93], 3.6 NE VIAN [35.54, -94.93]

08/17/21 09:16 CST			25K	Flash Flood (due to Heavy Rain)
08/17/21 11:45 CST			0	Source: Trained Spotter

Portions of the E 1020 Road, where it crosses Little Vian Creek, were flooded and impassable. Flood water washed away portions of the S 4550 Road.

Thunderstorms developed across east central Oklahoma during the early morning hours of the 17th. A very moist air mass across the region and weak wind flow aloft resulted in slow-moving thunderstorms that produced very heavy rainfall. More than four inches of rain fell across western portions of Sequoyah County in just a few hours, which resulted in flash flooding.

CHOCTAW COUNTY --- 1.0 N MESSER [34.09, -95.48], 1.4 ESE APPLE [34.12, -95.40], 2.1 NE APPLE [34.16, -95.40], 3.7 WNW APPLE [34.15, -95.48]

08/19/21 07:00 CST			0	Flash Flood (due to Heavy Rain)
08/19/21 12:00 CST			0	Source: Public

Portions of several roads were flooded and closed, including both lanes of Highway 93 near the Choctaw/Pushmataha County line.

PUSHMATAHA COUNTY --- 1.3 S RATTAN [34.18, -95.42], 3.4 NE SOBOL [34.18, -95.17], 4.7 NNE SOBOL [34.21, -95.18], 0.9 NNW RATTAN [34.21, -95.42]

08/19/21 07:58 CST			0	Flash Flood (due to Heavy Rain)
08/19/21 11:30 CST			0	Source: Social Media

Several sections of Highway 3 were flooded between Rattan and Ringold.

Thunderstorms developed across portions of southeastern Oklahoma during the early morning hours of the 19th. A very moist air mass across the region and weak wind flow aloft resulted in slow-moving thunderstorms that produced very heavy rainfall, some of which resulted in flash flooding.

(OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z074) HASKELL

08/20/21 11:00 CST			0	Excessive Heat
08/20/21 19:00 CST			0	

A ridge of high pressure in the middle and upper atmosphere developed over the south central United States during late August. Afternoon temperatures reaching the upper 90s to near 100 degrees, combined with high humidity, resulted in heat index values in the 110 to 115 degree range across much of northeastern Oklahoma on the 20th.

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	08/22/21 11:00 CST		0	Excessive Heat
	08/22/21 19:00 CST		0	

A ridge of high pressure in the middle and upper atmosphere developed over the south central United States during late August. Afternoon temperatures reaching the upper 90s to near 100 degrees, combined with high humidity, resulted in heat index values in the 110 to 115 degree range across much of northeastern Oklahoma on the 22nd.

HASKELL COUNTY --- 3.2 SW GARLAND [35.29, -95.09]				
	08/22/21 17:35 CST		0	Thunderstorm Wind (MG 51 kt)
	08/22/21 17:35 CST		0	Source: AWOS

The AWOS at the Stigler Regional Airport measured 59 mph thunderstorm wind gusts.

Widely scattered thunderstorms developed across portions of eastern Oklahoma during the late afternoon and early evening of the 22nd. The atmosphere had become very unstable across the region, which supported intense updraft development in some of the storms. One of the thunderstorms was intense enough to produce damaging wind gusts.