

Storm Data and Unusual Weather Phenomena - February 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
FRANKLIN COUNTY --- 1.2 W OZARK [35.50, -93.85], 1.8 SSW SUTHERLAND XRDS [35.51, -93.78], 2.0 NNW ALTUS [35.48, -93.78], 1.1 ENE MANITOU [35.49, -93.86]				
	02/08/23 16:32 CST	0		Flood (due to Heavy Rain)
	02/08/23 22:00 CST	0		Source: Emergency Manager
Multiple low-lying areas were flooded across the county.				
SEBASTIAN COUNTY --- 2.1 NE LAVACA [35.35, -94.15], 2.3 NE LAVACA [35.35, -94.15], 2.3 NE LAVACA [35.35, -94.15], 2.0 NE LAVACA [35.35, -94.15]				
	02/08/23 20:04 CST	0		Flood (due to Heavy Rain)
	02/08/23 22:00 CST	0		Source: Trained Spotter
Portions of Crowe Road near E Utah Ranch Road were flooded northeast of Lavaca.				
<p>A cold front moved through much of eastern Oklahoma on the 7th, and became nearly stationary across southeastern Oklahoma and west central Arkansas through the 8th. This front was the focus for two rounds of showers and thunderstorms across the region. The first round occurred from the evening hours of the 7th through the early morning hours of the 8th, and the second round occurred from the mid morning hours of the 8th through the early afternoon. The atmosphere was unseasonably moist for early February, and that combined with repeat thunderstorm activity across much of the same areas, resulted in widespread heavy rainfall across southeastern Oklahoma and west central Arkansas. Much of the region received between three and five inches of rain during this event. This widespread heavy rainfall resulted in flooding.</p>				
BENTON COUNTY --- 2.0 SE MAYSVILLE [36.38, -94.55]				
	02/15/23 22:27 CST	0		Hail (1.00 in)
	02/15/23 22:27 CST	0		Source: Public
BENTON COUNTY --- GRAVETTE [36.42, -94.45]				
	02/15/23 22:36 CST	0		Hail (0.88 in)
	02/15/23 22:36 CST	0		Source: Public
BENTON COUNTY --- 2.1 WSW VAUGHN [36.31, -94.34]				
	02/15/23 22:39 CST	0		Hail (0.75 in)
	02/15/23 22:39 CST	0		Source: Public
BENTON COUNTY --- 1.5 WNW BENTONVILLE MUNI ARP [36.36, -94.25]				
	02/15/23 22:43 CST	0		Hail (0.75 in)
	02/15/23 22:43 CST	0		Source: Public
BENTON COUNTY --- 2.0 SW BENTONVILLE [36.35, -94.25]				
	02/15/23 22:46 CST	0		Hail (0.75 in)
	02/15/23 22:46 CST	0		Source: Public
BENTON COUNTY --- 2.1 SSW BELLA VISTA [36.40, -94.24]				
	02/15/23 22:46 CST	0		Hail (0.75 in)
	02/15/23 22:46 CST	0		Source: Public
BENTON COUNTY --- 3.0 SW BENTONVILLE [36.34, -94.26]				
	02/15/23 22:47 CST	0		Hail (0.75 in)
	02/15/23 22:47 CST	0		Source: Public
BENTON COUNTY --- 3.0 NW ROGERS [36.36, -94.16]				
	02/15/23 22:48 CST	0		Hail (0.75 in)
	02/15/23 22:48 CST	0		Source: Trained Spotter
BENTON COUNTY --- 1.0 SW ROGERS [36.32, -94.13]				

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	02/15/23 22:53 CST		50K	Hail (1.75 in)
	02/15/23 22:53 CST		0	Source: Trained Spotter
Golf ball size hail damaged homes, businesses, and vehicles.				
WASHINGTON COUNTY --- 0.7 ESE TONTITOWN [36.18, -94.22]				
	02/15/23 23:06 CST		0	Hail (0.88 in)
	02/15/23 23:06 CST		0	Source: Broadcast Media
BENTON COUNTY --- 1.0 S GARFIELD [36.44, -93.97]				
	02/15/23 23:12 CST		0	Hail (0.75 in)
	02/15/23 23:12 CST		0	Source: Public
WASHINGTON COUNTY --- 2.4 WNW SPRINGDALE [36.19, -94.17]				
	02/15/23 23:14 CST		0	Hail (1.00 in)
	02/15/23 23:14 CST		0	Source: Public
WASHINGTON COUNTY --- SPRINGDALE [36.18, -94.13]				
	02/15/23 23:15 CST		0	Hail (1.00 in)
	02/15/23 23:15 CST		0	Source: Broadcast Media
CARROLL COUNTY --- 1.0 S BEAVER [36.46, -93.77]				
	02/15/23 23:23 CST		15K	Hail (1.25 in)
	02/15/23 23:23 CST		0	Source: Amateur Radio
Half dollar size hail damaged homes and vehicles.				
CARROLL COUNTY --- 1.0 S BEAVER [36.46, -93.77]				
	02/15/23 23:24 CST		0	Hail (1.00 in)
	02/15/23 23:24 CST		0	Source: Public
CARROLL COUNTY --- 1.0 NNE BEAVER [36.48, -93.76]				
	02/15/23 23:25 CST		15K	Hail (1.50 in)
	02/15/23 23:25 CST		0	Source: Social Media
Ping pong ball size hail damaged homes and vehicles.				
CARROLL COUNTY --- 1.0 W EUREKA SPGS [36.40, -93.75]				
	02/15/23 23:25 CST		15K	Hail (1.25 in)
	02/15/23 23:25 CST		0	Source: Public
Half dollar size hail damaged homes and vehicles.				
CARROLL COUNTY --- 1.0 W GRANDVIEW [36.43, -93.64]				
	02/15/23 23:35 CST		0	Hail (1.00 in)
	02/15/23 23:35 CST		0	Source: Public
CRAWFORD COUNTY --- 1.8 N VAN BUREN [35.46, -94.35]				
	02/15/23 23:51 CST		0	Thunderstorm Wind (EG 52 kt)
	02/15/23 23:51 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated to 60 mph.				
CRAWFORD COUNTY --- 2.0 S FIGURE FIVE [35.49, -94.37]				
	02/15/23 23:54 CST		0	Hail (0.75 in)
	02/15/23 23:54 CST		0	Source: Trained Spotter
WASHINGTON COUNTY --- 2.0 SW JOHNSON [36.11, -94.20]				

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	02/16/23 00:07 CST		0	Hail (0.75 in)
	02/16/23 00:07 CST		0	Source: Public
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FRANKLIN COUNTY --- 0.7 E CRAVENS [35.55, -93.92]				
	02/16/23 00:37 CST		0	Hail (1.00 in)
	02/16/23 00:37 CST		0	Source: County Official
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FRANKLIN COUNTY --- REDDING [35.68, -93.78]				
	02/16/23 00:45 CST		0	Thunderstorm Wind (EG 65 kt)
	02/16/23 00:45 CST		0	Source: Emergency Manager
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Strong thunderstorm wind blew down several trees in the Redding area.				
Strong to severe thunderstorms developed into northwestern Arkansas during the evening of the 15th, along and north of a warm front that stretched across southeastern Oklahoma and west central Arkansas. Moderately strong elevated instability north of the front, combined with very strong deep layer wind shear, supported the development of embedded supercells within the line of thunderstorms that moved through the region. The strongest storms produced large hail up to golf ball size and damaging wind gusts.				
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WASHINGTON COUNTY --- 0.6 NNE (FYV)FAYETTEVILLE AR [36.01, -94.17]				
	02/26/23 23:05 CST		0	Thunderstorm Wind (MG 50 kt)
	02/26/23 23:05 CST		0	Source: ASOS
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The ASOS at Drake Field measured 58 mph thunderstorm wind gusts.				
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SEBASTIAN COUNTY --- 1.0 NE FT SMITH [35.39, -94.41]				
	02/27/23 01:00 CST		0	Thunderstorm Wind (EG 52 kt)
	02/27/23 01:00 CST		0	Source: Public
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Thunderstorm wind was estimated to 60 mph, and large tree limbs were snapped by this wind.				
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SEBASTIAN COUNTY --- FT SMITH [35.38, -94.42]				
	02/27/23 01:02 CST		2K	Thunderstorm Wind (MG 52 kt)
	02/27/23 01:02 CST		0	Source: Law Enforcement
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Thunderstorm wind gusts were measured to 60 mph, and power lines were blown down by this wind.				
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BENTON COUNTY --- 3.0 NNW ROGERS [36.37, -94.14]				
	02/27/23 01:13 CST		0	Thunderstorm Wind (EG 52 kt)
	02/27/23 01:13 CST		0	Source: Public
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Strong thunderstorm wind snapped large tree limbs.				
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SEBASTIAN COUNTY --- 1.1 E EXCELSIOR [35.20, -94.31]				
	02/27/23 01:22 CST		0	Thunderstorm Wind (MG 51 kt)
	02/27/23 01:22 CST		0	Source: Public
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Thunderstorm wind gusts were measured to 59 mph.				
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SEBASTIAN COUNTY --- 2.0 ENE GREENWOOD [35.23, -94.24]				
	02/27/23 01:25 CST		2K	Thunderstorm Wind (EG 52 kt)
	02/27/23 01:25 CST		0	Source: Public
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Strong thunderstorm wind snapped large tree limbs and blew down power lines.				
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A line of strong to severe thunderstorms moved into northwestern Arkansas during the late evening of the 26th and early morning of the 27th, with the approach of a very strong upper level disturbance and associated cold front. Weak instability, combined with very strong wind fields and deep layer wind shear, supported the development of damaging wind gusts as the thunderstorms moved through the region.				

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(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-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z073) PITTSBURG				
	02/01/23 00:00 CST		0	Drought
	02/28/23 23:59 CST		0	
<p>Multiple rainfall events affected eastern Oklahoma during February, with the area generally receiving between three and eight inches of precipitation during the month. As a result, much of the area received above average precipitation for the month, with a lot of the region receiving between 150 and 300 percent of normal average amounts for the month. Subsequently, ongoing long-term drought conditions improved across much of the area during February. The exception was across portions of Osage and Pawnee Counties, which received below average precipitation for the month, and where extreme (D3) to exceptional (D4) drought conditions persisted. Extreme (D3) drought conditions improved to severe (D2) drought conditions across portions of Okfuskee, Creek, Washington, Nowata, Tulsa, Rogers, and Craig Counties. Monetary damage estimates as a result of the drought were not available.</p>				
(OK-Z049) PUSHMATAHA, (OK-Z076) LE FLORE				
	02/01/23 14:00 CST		0	Ice Storm
	02/02/23 10:00 CST		0	
<p>An upper level disturbance translated from the Baja region of northwestern Mexico into the Southern Plains on the 1st and 2nd, spreading precipitation across southeastern Oklahoma during the afternoon of the 1st through the morning of the 2nd. A warm layer of air several thousand feet above the ground, and temperatures at or slightly below freezing at the ground, resulted in mostly freezing rain. Some of the freezing rain became heavy in a band across northern Pushmataha and southern Le Flore Counties.</p>				
LE FLORE COUNTY --- 2.7 NW COAL CREEK [35.21, -94.70], 0.7 S POTEAU [35.04, -94.62], 2.6 NE ROCK IS [35.20, -94.44], 1.2 NNE ARKOMA [35.37, -94.44], 2.1 N BRADEN [35.31, -94.50], 3.4 N SCULLYVILLE [35.30, -94.56]				
	02/08/23 15:15 CST		0	Flood (due to Heavy Rain)
	02/10/23 22:15 CST		0	Source: Official NWS Observations
<p>The Poteau River near Panama rose above its flood stage of 29 feet at 3:15 pm CST on February 8th. The river crested at 35.41 feet at 4:00 pm CST on the 9th, resulting in moderate flooding. Agricultural land was flooded from near Panama to near Arkoma, and county roads were closed. The river fell below flood stage at 10:15 pm CST on the 10th.</p>				
ADAIR COUNTY --- 2.0 S STILWELL [35.79, -94.63], 3.7 S STILWELL [35.77, -94.63], 3.9 S STILWELL [35.76, -94.62], 2.1 SSE STILWELL [35.79, -94.62]				
	02/08/23 16:02 CST		0	Flood (due to Heavy Rain)
	02/08/23 22:00 CST		0	Source: Public
<p>Portions of Highway 59 were flooded south of Stilwell.</p>				
<p>A cold front moved through much of eastern Oklahoma on the 7th, and became nearly stationary across southeastern Oklahoma and west central Arkansas through the 8th. This front was the focus for two rounds of showers and thunderstorms across the region. The first round occurred from the evening hours of the 7th through the early morning hours of the 8th, and the second round occurred from the mid morning hours of the 8th through the early afternoon. The atmosphere was unseasonably moist for early February, and that combined with repeat thunderstorm activity across much of the same areas, resulted in widespread heavy rainfall across southeastern Oklahoma and west central Arkansas. Much of the region received between three and five inches of rain during this event. This widespread heavy rainfall resulted in some areal flooding, as well as moderate river flooding along the Poteau River near Panama.</p>				
CHEROKEE COUNTY --- 0.4 ENE HULBERT [35.93, -95.14]				
	02/15/23 21:40 CST		0	Thunderstorm Wind (MG 60 kt)
	02/15/23 21:40 CST		0	Source: Public
<p>Thunderstorm wind gusts were measured to 69 mph.</p>				
CHEROKEE COUNTY --- 4.1 WNW SCRAPER [36.13, -94.89], 3.9 NNW SCRAPER [36.15, -94.85]				
	02/15/23 21:55 CST		50K	Thunderstorm Wind (EG 74 kt)
	02/15/23 21:58 CST		0	Source: NWS Storm Survey
<p>Strong thunderstorm wind damaged outbuildings and the roofs of homes, and blew down trees and power lines in a broad swath from Old Toll Gate Road to south of Oaks.</p>				
PITTSBURG COUNTY --- 4.0 NNE ASHLAND [34.82, -96.04]				
	02/15/23 22:00 CST		0	Hail (1.00 in)
	02/15/23 22:00 CST		0	Source: Public

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DELAWARE COUNTY --- 1.9 ENE KANSAS [36.21, -94.77], 2.2 SW COLCORD [36.25, -94.71]				
	02/15/23 22:04 CST		25K	Thunderstorm Wind (EG 70 kt)
	02/15/23 22:12 CST		0	Source: Emergency Manager
Strong thunderstorm wind damaged outbuildings and the roofs of homes in a broad swath from near Kansas to near Colcord. Large tree limbs were snapped, and some trees were uprooted.				
SEQUOYAH COUNTY --- SALLISAW [35.47, -94.80]				
	02/15/23 23:18 CST		0	Hail (0.88 in)
	02/15/23 23:18 CST		0	Source: Public
SEQUOYAH COUNTY --- 3.0 NNW GANS [35.44, -94.72]				
	02/15/23 23:23 CST		20K	Hail (1.75 in)
	02/15/23 23:23 CST		0	Source: Storm Chaser
Golf ball size hail damaged homes and vehicles.				
LATIMER COUNTY --- 1.4 WNW GOWEN [34.88, -95.49]				
	02/15/23 23:32 CST		20K	Hail (1.75 in)
	02/15/23 23:32 CST		0	Source: Law Enforcement
Golf ball size hail damaged homes and vehicles.				
LATIMER COUNTY --- WILBURTON [34.92, -95.32]				
	02/15/23 23:46 CST		0	Hail (0.75 in)
	02/15/23 23:46 CST		0	Source: Emergency Manager
LE FLORE COUNTY --- 2.0 W POTEAU [35.05, -94.66]				
	02/16/23 00:28 CST		25K	Hail (1.75 in)
	02/16/23 00:28 CST		0	Source: Public
Golf ball size hail damaged homes and vehicles.				
LE FLORE COUNTY --- 0.1 SSW OAK LODGE [35.25, -94.60]				
	02/16/23 00:37 CST		0	Hail (1.00 in)
	02/16/23 00:37 CST		0	Source: Public
LE FLORE COUNTY --- 0.8 ENE CAMERON [35.13, -94.54]				
	02/16/23 00:39 CST		0	Hail (1.00 in)
	02/16/23 00:39 CST		0	Source: Emergency Manager
Strong to severe thunderstorms developed into eastern Oklahoma during the evening of the 15th, along and north of a warm front that stretched across southeastern Oklahoma and west central Arkansas. Moderately strong elevated instability north of the front, combined with very strong deep layer wind shear, supported the development of embedded supercells within the line of thunderstorms that moved through the region. The strongest storms produced large hail up to golf ball size and damaging wind gusts.				
WAGONER COUNTY --- 2.3 N REDBIRD [35.91, -95.60]				
	02/26/23 23:23 CST		25K	Thunderstorm Wind (EG 61 kt)
	02/26/23 23:23 CST		0	Source: Public
Strong thunderstorm wind damaged the roofs of homes and aircraft hangars.				
WAGONER COUNTY --- 2.3 W CLARKSVILLE [35.83, -95.56]				
	02/26/23 23:25 CST		0	Thunderstorm Wind (MG 52 kt)
	02/26/23 23:25 CST		0	Source: Mesonet
The Oklahoma Mesonet station near Porter measured 60 mph thunderstorm wind gusts.				
CHEROKEE COUNTY --- 1.0 ESE HULBERT [35.92, -95.13]				

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	02/26/23 23:58 CST		0	Thunderstorm Wind (MG 69 kt)
	02/26/23 23:58 CST		0	Source: Public

Thunderstorm wind gusts measured to 79 mph blew down large tree limbs.

CHEROKEE COUNTY --- 5.0 WSW TAHLEQUAH [35.89, -95.05]

	02/27/23 00:04 CST		0	Thunderstorm Wind (MG 56 kt)
	02/27/23 00:04 CST		0	Source: Emergency Manager

Thunderstorm wind gusts were measured to 64 mph.

HASKELL COUNTY --- 3.0 ENE WHITEFIELD [35.27, -95.18]

	02/27/23 00:05 CST		0	Thunderstorm Wind (MG 51 kt)
	02/27/23 00:05 CST		0	Source: Mesonet

The Oklahoma Mesonet station near Stigler measured 59 mph thunderstorm wind gusts.

OTTAWA COUNTY --- 1.0 N AFTON [36.71, -94.97]

	02/27/23 00:15 CST		0	Thunderstorm Wind (EG 56 kt)
	02/27/23 00:15 CST		0	Source: Public

Thunderstorm wind gusts were estimated to 65 mph.

OTTAWA COUNTY --- 2.0 S MIAMI [36.85, -94.88]

	02/27/23 00:22 CST		5K	Thunderstorm Wind (EG 65 kt)
	02/27/23 00:22 CST		0	Source: Emergency Manager

Strong thunderstorm wind snapped large tree limbs and damaged the roofs of outbuildings.

OTTAWA COUNTY --- 5.0 NE MIAMI [36.93, -94.82]

	02/27/23 00:27 CST		2K	Thunderstorm Wind (EG 61 kt)
	02/27/23 00:27 CST		0	Source: Emergency Manager

Strong thunderstorm wind blew down power poles and power lines.

OTTAWA COUNTY --- 0.7 NW QUAPAW [36.96, -94.79]

	02/27/23 00:30 CST		0	Thunderstorm Wind (EG 65 kt)
	02/27/23 00:30 CST		0	Source: Emergency Manager

Strong thunderstorm wind blew down a tree.

A line of strong to severe thunderstorms moved into eastern Oklahoma during the late evening of the 26th and early morning of the 27th, with the approach of a very strong upper level disturbance and associated cold front. Weak instability, combined with very strong wind fields and deep layer wind shear, supported the development of damaging wind gusts as the thunderstorms moved through the region.