

Storm Data and Unusual Weather Phenomena - March 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
CRAWFORD COUNTY --- 3.0 WSW CHESTER [35.66, -94.23]				
	03/05/24 05:35 CST		0	Hail (1.00 in)
	03/05/24 05:35 CST		0	Source: Post Office
Thunderstorms developed into west central Arkansas during the morning hours of the 5th, as a cold front moved through the area. The strongest storms produced large hail up to quarter size.				
BENTON COUNTY --- 1.1 WNW MAYSVILLE [36.40, -94.60]				
	03/14/24 13:13 CST		30K	Hail (2.50 in)
	03/14/24 13:13 CST		0	Source: Social Media
Tennis ball size hail damaged vehicles and homes.				
BENTON COUNTY --- 4.0 W SULPHUR SPGS [36.48, -94.52]				
	03/14/24 13:17 CST		25K	Hail (4.00 in)
	03/14/24 13:17 CST		0	Source: Amateur Radio
Grapefruit size hail damaged vehicles and homes.				
BENTON COUNTY --- 2.0 W GRAVETTE [36.42, -94.49]				
	03/14/24 13:21 CST		40K	Hail (2.50 in)
	03/14/24 13:21 CST		0	Source: Social Media
Tennis ball size hail damaged vehicles and homes.				
BENTON COUNTY --- GRAVETTE [36.42, -94.45]				
	03/14/24 13:28 CST		50K	Hail (2.75 in)
	03/14/24 13:28 CST		0	Source: Public
Baseball size hail damaged vehicles, homes, and businesses.				
BENTON COUNTY --- 4.9 WNW BEATY [36.48, -94.60]				
	03/14/24 13:32 CST		0	Hail (0.75 in)
	03/14/24 13:32 CST		0	Source: Public
BENTON COUNTY --- BENTONVILLE [36.37, -94.22]				
	03/14/24 14:25 CST		0	Thunderstorm Wind (EG 52 kt)
	03/14/24 14:25 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs.				
CARROLL COUNTY --- BERRYVILLE [36.37, -93.57]				
	03/14/24 14:28 CST		0	Hail (0.75 in)
	03/14/24 14:28 CST		0	Source: Public
WASHINGTON COUNTY --- FAYETTEVILLE [36.07, -94.17]				
	03/14/24 14:30 CST		0	Thunderstorm Wind (EG 65 kt)
	03/14/24 14:30 CST		0	Source: Public
Strong thunderstorm wind blew down a large tree.				
BENTON COUNTY --- 1.0 S PEA RIDGE [36.44, -94.12]				
	03/14/24 14:32 CST		0	Thunderstorm Wind (EG 52 kt)
	03/14/24 14:32 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs.				
BENTON COUNTY --- 0.9 N CREECH [36.24, -94.03]				

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	03/14/24 14:35 CST		30K	Thunderstorm Wind (EG 56 kt)
	03/14/24 14:35 CST		0	Source: Broadcast Media
Strong thunderstorm wind damaged a boat dock at the Hickory Creek Marina on Beaver Lake.				
WASHINGTON COUNTY --- 0.7 W ELKINS [36.00, -94.01]				
	03/14/24 14:40 CST		0	Hail (1.00 in)
	03/14/24 14:40 CST		0	Source: Public
SEBASTIAN COUNTY --- FT SMITH [35.38, -94.42]				
	03/14/24 16:25 CST		0	Hail (1.00 in)
	03/14/24 16:25 CST		0	Source: Other Federal Agency
SEBASTIAN COUNTY --- 1.0 NNE BARLING [35.34, -94.29]				
	03/14/24 16:34 CST		0	Hail (0.75 in)
	03/14/24 16:34 CST		0	Source: Social Media
CRAWFORD COUNTY --- MOUNTAINBURG [35.63, -94.17]				
	03/14/24 16:36 CST		0	Hail (1.00 in)
	03/14/24 16:36 CST		0	Source: Public
CRAWFORD COUNTY --- 1.0 E MOUNTAINBURG [35.63, -94.15]				
	03/14/24 16:37 CST		0	Hail (0.75 in)
	03/14/24 16:37 CST		0	Source: Public
SEBASTIAN COUNTY --- 1.0 NE FT SMITH [35.39, -94.41]				
	03/14/24 17:16 CST		0	Hail (0.75 in)
	03/14/24 17:16 CST		0	Source: Social Media
CRAWFORD COUNTY --- 1.7 N VAN BUREN [35.45, -94.35]				
	03/14/24 17:22 CST		0	Hail (1.00 in)
	03/14/24 17:22 CST		0	Source: Public
SEBASTIAN COUNTY --- 1.1 NNE MILL CREEK [35.34, -94.42], 0.7 NNE MILL CREEK [35.34, -94.42], 0.8 NE MILL CREEK [35.34, -94.42], 1.1 NNE MILL CREEK [35.34, -94.42]				
	03/14/24 18:13 CST		0	Flash Flood (due to Heavy Rain)
	03/14/24 22:00 CST		0	Source: Broadcast Media
Portions of Towson Avenue were closed due to flooding, from Louisville Street to Phoenix Avenue.				
SEBASTIAN COUNTY --- 1.0 N MILL CREEK [35.34, -94.43], 0.6 WSW FT SMITH [35.38, -94.43], 1.0 ENE FT SMITH [35.38, -94.40], 1.0 NNW SOUTH FT SMITH [35.34, -94.40]				
	03/14/24 18:34 CST		0	Flash Flood (due to Heavy Rain)
	03/14/24 22:00 CST		0	Source: Law Enforcement
Portions of multiple roads in Fort Smith were closed due to flooding.				
SEBASTIAN COUNTY --- 0.5 NE LAVACA [35.34, -94.17]				
	03/14/24 18:55 CST		0	Hail (1.00 in)
	03/14/24 18:55 CST		0	Source: Amateur Radio

Severe thunderstorms developed across northwestern Arkansas on the 14th, as a cold front moved through the area. The combination of very strong instability and strong deep-layer wind shear resulted in some supercell thunderstorms developing. The strongest storms produced very large hail to grapefruit size and damaging wind gusts.

OKLAHOMA, Eastern

(OK-Z054) OSAGE, (OK-Z055) WASHINGTON

Storm Data and Unusual Weather Phenomena - March 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/01/24 00:00 CST		0	Drought
	03/30/24 23:59 CST		0	

One half to four inches of precipitation fell across northeastern Oklahoma during March, with four to as much as ten inches of precipitation occurring across east central and southeastern Oklahoma. This corresponded to as little as 10 percent of normal average precipitation for the month to as much as 200 percent of normal average precipitation for the month. As a result of this precipitation, long-term drought conditions improved from severe (D2) conditions to moderate (D1) conditions during the month across portions of Osage and Washington Counties. Monetary damage estimates as a result of the drought were not available.

(OK-Z053) CHOCTAW, (OK-Z063) DELAWARE, (OK-Z066) OKMULGEE, (OK-Z068) CHEROKEE, (OK-Z069) ADAIR, (OK-Z075) LATIMER				
	03/01/24 00:00 CST		0	Wildfire
	03/04/24 21:00 CST		0	

Unseasonably warm temperatures, very strong wind, and very low humidity combined with dormant fuels to promote conditions that supported the rapid spread of wildfire across portions of eastern Oklahoma during early March. Large fires that began in late February across portions of Latimer, Cherokee, Adair, Delaware, and Choctaw Counties continued to burn through March 2nd. These fires burned over 7200 acres in Latimer County, more than 5700 acres in Cherokee and Choctaw Counties, more than 1200 acres in Adair County, and more than 500 acres in Delaware County. Numerous other wildfires occurred, and the largest fires burned over 900 acres in Okmulgee County.

CREEK COUNTY --- 0.4 W NEW MANNFORD [36.13, -96.36]				
	03/13/24 19:25 CST		0	Hail (1.00 in)
	03/13/24 19:25 CST		0	Source: Broadcast Media

TULSA COUNTY --- 3.9 W WEKIWA [36.15, -96.25]				
	03/13/24 19:31 CST		0	Hail (0.75 in)
	03/13/24 19:31 CST		0	Source: Amateur Radio

OSAGE COUNTY --- 3.4 NW SKIATOOK ARPT [36.38, -96.07]				
	03/13/24 19:42 CST		0	Hail (1.00 in)
	03/13/24 19:42 CST		0	Source: Public

WASHINGTON COUNTY --- 7.0 ENE OCHELATA [36.64, -95.86]				
	03/13/24 20:05 CST		0	Hail (1.00 in)
	03/13/24 20:05 CST		0	Source: Public

Scattered thunderstorms developed into northeastern Oklahoma during the early evening of the 13th, along and ahead of a dry line that had mixed to near a Pawhuska to Shawnee line. Moderately strong instability, combined with strong deep layer shear, resulted in severe thunderstorm development. The strongest thunderstorms produced large hail up to quarter size.

OKFUSKEE COUNTY --- 4.0 NNE BEARDEN [35.40, -96.35]				
	03/14/24 11:44 CST		0	Hail (0.75 in)
	03/14/24 11:44 CST		0	Source: Public

OKMULGEE COUNTY --- 4.1 WNW COALTON [35.51, -96.04]				
	03/14/24 11:45 CST		15K	Hail (1.50 in)
	03/14/24 11:45 CST		0	Source: Public

Ping pong ball size hail damaged vehicles and homes.

OKMULGEE COUNTY --- 2.0 SW SCHULTER [35.50, -95.98]				
	03/14/24 11:46 CST		15K	Hail (2.00 in)
	03/14/24 11:46 CST		0	Source: Storm Chaser

Hail larger than golf ball size damaged vehicles and homes.

OKMULGEE COUNTY --- 0.5 SW SCHULTER [35.51, -95.96]				
	03/14/24 11:50 CST		25K	Hail (2.00 in)
	03/14/24 11:50 CST		0	Source: Fire Department/Rescue

Hail larger than golf ball size damaged vehicles and homes.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MUSKOGEE COUNTY --- 3.4 WNW BOYNTON [35.66, -95.71]				
	03/14/24 12:04 CST		15K	Hail (1.50 in)
	03/14/24 12:04 CST		0	Source: Emergency Manager
Ping pong ball size hail damaged vehicles and homes.				
MAYES COUNTY --- 5.0 SE PRYOR [36.25, -95.26]				
	03/14/24 12:05 CST		0	Hail (1.00 in)
	03/14/24 12:05 CST		0	Source: Public
MAYES COUNTY --- SALINA [36.30, -95.15]				
	03/14/24 12:14 CST		0	Hail (1.00 in)
	03/14/24 12:14 CST		0	Source: Public
SEQUOYAH COUNTY --- GORE [35.53, -95.12]				
	03/14/24 12:21 CST		0	Hail (1.00 in)
	03/14/24 12:21 CST		0	Source: Public
MAYES COUNTY --- 2.0 SE PRYOR [36.28, -95.29]				
	03/14/24 12:25 CST		25K	Hail (1.75 in)
	03/14/24 12:25 CST		0	Source: Public
Golf ball size hail damaged vehicles, homes, and businesses.				
MAYES COUNTY --- 2.0 S SPAVINAW [36.35, -95.05]				
	03/14/24 12:28 CST		25K	Hail (4.00 in)
	03/14/24 12:28 CST		0	Source: Emergency Manager
Grapefruit size hail damaged vehicles and homes.				
CHEROKEE COUNTY --- 0.9 NE COOKSON TENKILLER AR [35.71, -94.92]				
	03/14/24 12:42 CST		10K	Hail (1.25 in)
	03/14/24 12:42 CST		0	Source: Public
Half dollar size hail damaged vehicles and homes.				
MCINTOSH COUNTY --- 2.5 W BURNEY [35.43, -95.86], 1.5 N BURNEY [35.45, -95.82]				
	03/14/24 12:44 CST		10K	Tornado (EF0, L: 2.70 mi , W: 350 yd)
	03/14/24 12:47 CST		0	Source: NWS Storm Survey
This tornado developed just south of I-40, about half a mile east of the Okmulgee/McIntosh County line. It moved northeast snapping large tree limbs and damaging an outbuilding, before dissipating prior to reaching Lake Eufaula. The tornado was reported by a storm chaser, who recorded it after it crossed I-40. Based on this damage, maximum estimated wind in the tornado was 75 to 80 mph.				
DELAWARE COUNTY --- 5.3 SSW EUCHA [36.30, -94.89]				
	03/14/24 12:50 CST		15K	Hail (2.00 in)
	03/14/24 12:50 CST		0	Source: Social Media
Hail larger than golf ball size damaged vehicles and homes.				
CHEROKEE COUNTY --- TAHLEQUAH [35.92, -94.97]				
	03/14/24 12:52 CST		0	Hail (0.88 in)
	03/14/24 12:52 CST		0	Source: Emergency Manager
CHEROKEE COUNTY --- 1.0 WNW TAHLEQUAH [35.93, -94.99]				
	03/14/24 12:54 CST		15K	Hail (1.25 in)
	03/14/24 12:54 CST		0	Source: Public
Half dollar size hail damaged vehicles and homes.				

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DELAWARE COUNTY --- JAY [36.42, -94.80]				
	03/14/24 12:54 CST		30K	Hail (1.75 in)
	03/14/24 12:54 CST		0	Source: Public
Golf ball size hail damaged vehicles, homes, and businesses.				
DELAWARE COUNTY --- 3.0 SSW JAY [36.38, -94.82]				
	03/14/24 12:55 CST		15K	Hail (1.50 in)
	03/14/24 12:55 CST		0	Source: Social Media
Ping pong ball size hail damaged vehicles and homes.				
WAGONER COUNTY --- 3.5 S LA BARGE [35.93, -95.37]				
	03/14/24 13:02 CST		0	Hail (1.00 in)
	03/14/24 13:02 CST		0	Source: Public
MUSKOGEE COUNTY --- 0.3 SE OKTAHA [35.58, -95.48]				
	03/14/24 13:10 CST		20K	Thunderstorm Wind (EG 61 kt)
	03/14/24 13:10 CST		0	Source: Public
Strong thunderstorm wind blew down a tree onto a mobile home.				
MUSKOGEE COUNTY --- MUSKOGEE [35.75, -95.37]				
	03/14/24 13:15 CST		0	Hail (1.00 in)
	03/14/24 13:15 CST		0	Source: Emergency Manager
MCINTOSH COUNTY --- 2.9 N CHECOTAH [35.47, -95.53]				
	03/14/24 13:16 CST		0	Hail (1.00 in)
	03/14/24 13:16 CST		0	Source: Trained Spotter
CHEROKEE COUNTY --- LOST CITY [35.98, -95.13]				
	03/14/24 13:20 CST		20K	Hail (1.75 in)
	03/14/24 13:20 CST		0	Source: Public
Golf ball size hail damaged vehicles and homes.				
MUSKOGEE COUNTY --- 1.1 SSE MUSKOGEE DAVIS ARPT [35.66, -95.36]				
	03/14/24 13:21 CST		0	Thunderstorm Wind (MG 52 kt)
	03/14/24 13:21 CST		0	Source: ASOS
The ASOS at Muskogee Davis Regional Airport measured 60 mph thunderstorm wind gusts.				
MCINTOSH COUNTY --- 3.0 SSW ONAPA [35.36, -95.57]				
	03/14/24 13:30 CST		0	Hail (0.88 in)
	03/14/24 13:30 CST		0	Source: Public
MCINTOSH COUNTY --- EUFAULA [35.28, -95.58]				
	03/14/24 13:38 CST		0	Hail (1.00 in)
	03/14/24 13:38 CST		0	Source: Emergency Manager
SEQUOYAH COUNTY --- 1.8 ESE MC KEY [35.47, -94.85]				
	03/14/24 15:01 CST		0	Hail (1.00 in)
	03/14/24 15:01 CST		0	Source: Public
SEQUOYAH COUNTY --- 4.0 SW SALLISAW [35.43, -94.85]				
	03/14/24 15:26 CST		20K	Hail (1.75 in)
	03/14/24 15:26 CST		0	Source: Trained Spotter
Golf ball size hail damaged vehicles and homes.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SEQUOYAH COUNTY --- 1.2 NW SALLISAW ARPT [35.44, -94.82]				
	03/14/24 15:30 CST		0	Hail (1.00 in)
	03/14/24 15:30 CST		0	Source: Public
PITTSBURG COUNTY --- 1.0 WNW SAVANNA [34.84, -95.85]				
	03/14/24 16:33 CST		15K	Hail (1.50 in)
	03/14/24 16:33 CST		0	Source: Public
Ping pong ball size hail damaged vehicles and homes.				
PITTSBURG COUNTY --- 2.0 ENE SAVANNA [34.84, -95.80]				
	03/14/24 16:36 CST		0	Hail (1.00 in)
	03/14/24 16:36 CST		0	Source: Public
LE FLORE COUNTY --- 3.0 S COWLINGTON [35.26, -94.78]				
	03/14/24 16:37 CST		20K	Hail (1.75 in)
	03/14/24 16:37 CST		0	Source: Social Media
Golf ball size hail damaged vehicles and homes.				
PITTSBURG COUNTY --- 0.7 W SAVANNA [34.83, -95.84]				
	03/14/24 16:38 CST		20K	Hail (1.75 in)
	03/14/24 16:38 CST		0	Source: Public
Golf ball size hail damaged vehicles and homes.				
PITTSBURG COUNTY --- 3.0 E SAVANNA [34.83, -95.78]				
	03/14/24 16:40 CST		15K	Hail (1.25 in)
	03/14/24 16:40 CST		0	Source: Public
Half dollar size hail damaged vehicles and homes.				
LE FLORE COUNTY --- 3.0 W SPIRO [35.23, -94.68]				
	03/14/24 16:43 CST		20K	Hail (2.25 in)
	03/14/24 16:43 CST		0	Source: Social Media
Hail larger than golf ball size damaged vehicles and homes.				
SEQUOYAH COUNTY --- 2.0 SW SALLISAW [35.45, -94.83]				
	03/14/24 16:43 CST		0	Hail (1.00 in)
	03/14/24 16:43 CST		0	Source: Local Official
PITTSBURG COUNTY --- 1.5 SSE MC ALESTER [34.91, -95.76]				
	03/14/24 16:47 CST		0	Hail (0.75 in)
	03/14/24 16:47 CST		0	Source: Public
PITTSBURG COUNTY --- 0.7 W ALDERSON [34.90, -95.69]				
	03/14/24 16:50 CST		20K	Hail (1.75 in)
	03/14/24 16:50 CST		0	Source: Broadcast Media
Golf ball size hail damaged vehicles and homes.				
PITTSBURG COUNTY --- 0.4 N KREBS [34.93, -95.72]				
	03/14/24 16:58 CST		30K	Hail (1.75 in)
	03/14/24 16:58 CST		0	Source: Public
Golf ball size hail damaged vehicles, homes, and businesses.				
LE FLORE COUNTY --- 1.0 NNE SPIRO [35.24, -94.62]				

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	03/14/24 17:00 CST		30K	Hail (2.50 in)
	03/14/24 17:00 CST		0	Source: Public

Tennis ball size hail damaged vehicles and homes.

LE FLORE COUNTY --- 1.0 ESE SPIRO [35.22, -94.61]

	03/14/24 17:01 CST		0	Hail (1.00 in)
	03/14/24 17:01 CST		0	Source: Public

LATIMER COUNTY --- 4.0 NW WILBURTON [34.96, -95.37]

	03/14/24 17:32 CST		0	Hail (1.00 in)
	03/14/24 17:32 CST		0	Source: Public

HASKELL COUNTY --- 3.0 ESE KINTA [35.10, -95.18]

	03/14/24 17:57 CST		0	Hail (1.00 in)
	03/14/24 17:57 CST		0	Source: Social Media

PITTSBURG COUNTY --- 1.3 NE CABANISS [34.94, -96.00]

	03/14/24 18:00 CST		0	Hail (0.75 in)
	03/14/24 18:00 CST		0	Source: Public

PITTSBURG COUNTY --- 5.0 W ARPELAR [34.93, -96.06]

	03/14/24 18:03 CST		15K	Hail (1.25 in)
	03/14/24 18:03 CST		0	Source: Social Media

Half dollar size hail damaged vehicles and homes.

HASKELL COUNTY --- 2.0 SSE KEOTA [35.22, -94.91]

	03/14/24 18:27 CST		0	Hail (1.00 in)
	03/14/24 18:27 CST		0	Source: Public

PITTSBURG COUNTY --- 2.2 NW BOWLER [35.24, -95.53]

	03/14/24 18:30 CST		0	Hail (0.75 in)
	03/14/24 18:30 CST		0	Source: Social Media

LE FLORE COUNTY --- 1.0 ESE SPIRO [35.22, -94.61]

	03/14/24 18:55 CST		0	Hail (1.00 in)
	03/14/24 18:55 CST		0	Source: Public

Severe thunderstorms developed across eastern Oklahoma on the 14th, as a cold front moved through the area. The combination of very strong instability and strong deep-layer wind shear resulted in some supercell thunderstorms developing. The strongest storms produced very large hail to grapefruit size, damaging wind gusts, and a tornado.