

Storm Data and Unusual Weather Phenomena - March 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

OKLAHOMA, Western, Central and Southeast

(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN

03/01/22 00:00 CST	0	Drought
03/31/22 00:00 CST	0	

Drought worsened over the first half of the month before a few precipitation episodes lessened the drought for northern and central portions of Oklahoma. Severe to extreme drought persisted for southwestern OK which saw little measurable precipitation during the month of March.

(OK-Z048) ATOKA

03/01/22 12:00 CST	0	Wildfire
03/01/22 18:00 CST	0	

The Valley X Ranch Fire burned roughly 2100 acres, with no serious injuries or damage reported.

(OK-Z019) LOGAN, (OK-Z026) LINCOLN

03/05/22 12:00 CST	10K	Wildfire
03/05/22 18:00 CST	0	

The 3470 Fire burned roughly 678 acres, while the 66 Fire burned close to 900 acres. 4 structures were lost in the 66 Fire but no serious injuries were reported.

(OK-Z011) MAJOR, (OK-Z014) ROGER MILLS, (OK-Z035) KIOWA

03/13/22 12:00 CST	0	Wildfire
03/13/22 18:00 CST	0	

Several wildfires ignited on the 13th. The Cimarron Fire burned over 2100 acres, the 62 Fire burned 10,636 acres, and the Wagon Wheel Fire burned close to 1215 acres. No serious injuries or damage was reported with these fires.

(OK-Z038) COMANCHE

03/20/22 12:00 CST	1	0	Wildfire
03/20/22 18:00 CST		0	

Direct Fatalities: F55OU

The Kings Road Fire burned 120 acres, with one fatality reported as firefighters responded to the fire.

LOVE COUNTY --- 1.1 W RUBOTTOM [33.94, -97.48], 6.2 NNE RUBOTTOM [34.02, -97.42]

03/21/22 16:17 CST	20K	Tornado (EF0, L: 6.80 mi , W: 50 yd)
03/21/22 16:32 CST	0	Source: Emergency Manager

A tornado developed just south of State Highway 32 between Courtney and Rubottom and moved northeast. Tree limb damage was noted along SH-32. A house and outbuilding received roof damage and power poles were damaged near the intersection of Kennedy Road and Rubottom Road about 3 miles north of Rubottom. Spotters and chasers later observed the tornado approaching State Highway 76 and Oswalt Road before it dissipated.

This storm also produced a number of tornadoes in north Texas prior to moving into Oklahoma (see Storm Data reports for North Central Texas from NWS Fort Worth), including a tornado that approached the Red River in Montague County Texas. A storm survey noted that no damage was observed in the tree line on the north side of the Red River, so this tornado in Love County OK is a separate tornado than the tornado in Montague County TX.

MARSHALL COUNTY --- 2.4 SE WILLIS [33.87, -96.80], 3.7 E WILLIS [33.90, -96.77]

Storm Data and Unusual Weather Phenomena - March 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/21/22 17:15 CST		0.50M	Tornado (EF2, L: 2.74 mi , W: 200 yd)
	03/21/22 17:21 CST		0	Source: NWS Storm Survey

This tornado initially developed in Grayson County Texas (see Storm Data for North Central Texas from NWS Fort Worth), and crossed Lake Texoma into Marshall County Oklahoma. After moving off Lake Texoma, this tornado damaged a number of homes and mobile homes in the Buncombe Creek community with EF2 damage noted in this area. The tornado continued northeast and damaged an outbuilding and trees near Little Road before dissipating.

MARSHALL COUNTY --- 2.1 S KINGSTON [33.97, -96.71], 0.2 SSE LITTLE CITY [34.09, -96.61]

	03/21/22 17:29 CST		0.50M	Tornado (EF1, L: 10.13 mi , W: 200 yd)
	03/21/22 17:41 CST		0	Source: NWS Storm Survey

The first area of damage was noted about 2 miles south of Kingston where a house received significant roof damage. The tornado moved northeast crossing US-70 in the far eastern portion of Kingston where a number of homes and businesses were significantly damaged, including metal buildings where roof and wall panels were pulled from the building. Tree damage continued to the northeast and debris from the structures on US-70 fell in areas to the northeast as the tornado approached the northwestern arm of Lake Texoma. Damage to trees, outbuildings and a couple of homes continued as the tornado approached Little City. Widespread tree and structure damage occurred in Little City, primarily of EF0 and low EF1 intensity before the tornado dissipated just northeast of town.

MARSHALL COUNTY --- 0.9 WSW WOODVILLE [33.96, -96.66], 1.8 NNE WOODVILLE [33.99, -96.64]

	03/21/22 17:32 CST		0	Tornado (EF0, L: 2.60 mi , W: 20 yd)
	03/21/22 17:35 CST		0	Source: Trained Spotter

As the Kingston tornado was occurring farther northwest, a storm spotter observed a tornado touch down just southwest of Woodville and move northeast. Trees were damaged in areas just east of the Lake Texoma State Park airport.

JOHNSTON COUNTY --- 4.8 SW EMET [34.14, -96.59], 1.5 ESE MILBURN [34.23, -96.53]

	03/21/22 17:43 CST		0.10M	Tornado (EF1, L: 7.13 mi , W: 200 yd)
	03/21/22 17:53 CST		0	Source: NWS Storm Survey

The final tornado from this storm developed just inside Johnston County where tree damage was noted on the northeastern side of the northern arm of Lake Texoma. The tornado continued northeast moving through the community of Emet producing tree damage and roof damage to some homes. The tornado likely dissipated just southeast of Milburn near the Blue River, however the storm continued to produce wind damage across Johnston County in areas between Milburn and Wapanucka.

JOHNSTON COUNTY --- 1.5 ESE MILBURN [34.23, -96.53], 4.0 WSW WAPANUCKA [34.34, -96.48]

	03/21/22 17:53 CST		50K	Thunderstorm Wind (EG 70 kt)
	03/21/22 18:05 CST		0	Source: Emergency Manager

After the tornado dissipated to the east-southeast of Milburn, the storm continued to produce wind damage as it moved northeast to areas west-southwest of Wapanucka. At least eight homes were affected or had minor damage according to assessments from emergency management.

BRYAN COUNTY --- 3.0 WSW ROBERTA [33.92, -96.35]

	03/21/22 18:17 CST		0	Thunderstorm Wind (MG 50 kt)
	03/21/22 18:17 CST		0	Source: Mesonet

ATOKA COUNTY --- BENTLEY [34.22, -96.08]

	03/21/22 18:30 CST		0	Hail (1.00 in)
	03/21/22 18:30 CST		0	Source: Emergency Manager

A powerful closed low across New Mexico and West Texas brought numerous thunderstorms and heavy rainfall to the region on the 21st. A few tornadoes were reported along with severe straight line winds and isolated large hail.

(OK-Z014) ROGER MILLS

	03/29/22 12:00 CST		25K	Wildfire
	03/29/22 18:00 CST		0	

The Washita River Fire was the largest fire of the month, with close to 37,662 acres burned in an area surrounding the town of Durham. No serious damage or injuries were reported with the fire.

KAY COUNTY --- 1.1 W BLACKWELL [36.80, -97.30]

	03/29/22 21:25 CST		0	Hail (1.00 in)
	03/29/22 21:25 CST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - March 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MCCLAIN COUNTY --- 0.6 W PURCELL [35.01, -97.38]				
	03/29/22 21:25 CST		0	Hail (1.00 in)
	03/29/22 21:25 CST		0	Source: Broadcast Media
KAY COUNTY --- 8.3 E NEWKIRK [36.88, -96.91]				
	03/29/22 21:50 CST		0	Thunderstorm Wind (MG 60 kt)
	03/29/22 21:50 CST		0	Source: Mesonet
POTTAWATOMIE COUNTY --- 1.1 E TECUMSEH [35.26, -96.92]				
	03/29/22 22:25 CST		0	Thunderstorm Wind (EG 52 kt)
	03/29/22 22:25 CST		0	Source: Trained Spotter

Estimated severe wind gust.

A spring storm system brought a variety of weather hazards to the area, with high winds and fire across western Oklahoma and numerous thunderstorms with hail and wind across central and eastern Oklahoma during the afternoon and evening of the 29th.

TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY

03/01/22 00:00 CST	0	Drought
03/31/22 23:59 CST	0	

A lack of significant precipitation led to drought persisting or even worsening across western north Texas during the month of March, with severe to extreme drought prevailing.