

## Storm Data and Unusual Weather Phenomena - March 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ARKANSAS, Northwest

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#### CRAWFORD COUNTY --- 1.0 NNE MOUNTAINBURG [35.64, -94.16]

	03/06/22 20:31 CST		0	Hail (1.00 in)
	03/06/22 20:31 CST		0	Source: Public

Strong to severe thunderstorms developed across portions of northwestern Arkansas during the late afternoon and evening hours of the 6th, as a strong upper level disturbance translated into the Southern Plains. The strongest thunderstorms produced hail up to quarter size.

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#### (AR-Z001) BENTON, (AR-Z010) WASHINGTON

	03/11/22 06:00 CST		0	Winter Storm
	03/11/22 15:00 CST		0	

Arctic air spread into northwestern Arkansas during the evening of the 10th. An upper level disturbance translated into the Southern Plains during the early morning hours of the 11th, resulting in precipitation developing across the area. The mixed precipitation quickly changed to snow, and continued through the day. One to three inches of snow fell across much of the area, but a swath of four inch snowfall occurred across Benton and Washington Counties.

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#### WASHINGTON COUNTY --- 1.0 SE JOHNSON [36.12, -94.16], 0.8 ENE (ASG)SPRINGDALE [36.19, -94.11]

	03/30/22 03:04 CST		20M	Tornado (EF3, L: 5.20 mi , W: 350 yd)
	03/30/22 03:12 CST	7	0	Source: NWS Storm Survey

This tornado developed south of Joyce Boulevard and east of Steele Boulevard, southwest of the Northwest Arkansas Mall. The tornado damaged businesses, blew down trees, rolled a van, and then moved across the western portion of the mall. As it moved north-northeast from near the mall, the tornado blew down a cellular phone tower, and destroyed a building near Main Drive. As it continued north-northeast, it damaged numerous homes and businesses, and blew down numerous trees. Major portions of the roofs of several homes were blown off on Pagosa Street, and a vehicle was flipped over in a driveway. The tornado then destroyed the gymnasium at George Elementary School, which was a metal building structure. A home just north of the gym was severely damaged, and a couple nearby large, wooden electrical poles were snapped. A large, metal building structure was destroyed as the tornado neared Highway 412, with several other businesses nearby severely damaged. A hangar was destroyed and other buildings were damaged on the east side of the Springdale Airport. Minor damage to trees and to the roofs of homes continued until the tornado neared Emma Avenue, where it appeared to dissipate. Based on this damage, maximum estimated wind in the tornado was 135 to 145 mph. Debris from the tornado was carried into Benton County. This tornado injured seven people, and damaged or destroyed at least 135 homes, and damaged or destroyed at least 40 businesses.

Strong to severe thunderstorms developed across western Oklahoma during the evening of the 29th, along and ahead of a dry line. The storms moved east across northwestern Arkansas during the early morning hours of the 30th. Weak instability combined with very strong low level wind shear to create an environment that supported intense low level circulations in the thunderstorms. One thunderstorm produced a strong tornado that produced severe damage across portions of Johnson and Springdale, Arkansas.

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*An EF-3 tornado destroyed a couple metal building systems in Springdale, Arkansas, during the early morning hours of March 30, 2022. This tornado injured seven people, and also damaged or destroyed at least 135 homes and 40 businesses, blew down a cellular phone tower, destroyed hangars at the Springdale Airport, rolled vehicles, and snapped numerous trees and power poles. Photo by Ed Calianese, WCM, NWS Tulsa Oklahoma.*

### OKLAHOMA, Eastern

(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z064) CREEK, (OK-Z067) WAGONER, (OK-Z073) PITTSBURG	03/01/22 00:00 CST	0	Drought
	03/31/22 23:59 CST	0	

A few widespread rain events during the latter half of March, as well as a winter storm at the beginning of the month, resulted in precipitation amounts that were near monthly average amounts across much of eastern Oklahoma. As a result of this beneficial rainfall during the month, some areas of northeastern Oklahoma saw improvement in the long-term drought conditions. However, severe drought (D2) conditions continued across portions of Osage, Pawnee, Washington, Pittsburg, and Pushmataha Counties, while extreme drought (D3) conditions persisted across portions of Choctaw County. Monetary damage estimates as a result of the drought conditions were not available.

(OK-Z049) PUSHMATAHA, (OK-Z073) PITTSBURG, (OK-Z075) LATIMER	03/01/22 10:00 CST	0	Wildfire
	03/05/22 21:00 CST	0	

Unseasonably warm temperatures, strong south to southwest wind gusts, and low humidity combined with dormant, dry fine fuels to promote conditions that supported the rapid spread of wildfire across southeastern Oklahoma during early March. Numerous wildfires occurred across the region during this period, but the largest fires affected Pushmataha County where over 2300 acres were burned, Pittsburg County where over 320 acres were burned, and Latimer County where over 300 acres were burned.

CHEROKEE COUNTY --- 1.0 SW LOST CITY [35.97, -95.14]	03/06/22 18:21 CST	0	Hail (1.00 in)
	03/06/22 18:21 CST	0	Source: Trained Spotter

DELAWARE COUNTY --- 2.0 NW KANSAS [36.22, -94.83]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/06/22 18:46 CST		0	Hail (0.75 in)
	03/06/22 18:46 CST		0	Source: Public
<b>Strong to severe thunderstorms developed across portions of eastern Oklahoma during the late afternoon and evening hours of the 6th, as a strong upper level disturbance translated into the Southern Plains. The strongest thunderstorms produced hail up to quarter size.</b>				
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<b>OKMULGEE COUNTY --- 3.0 SE NUYAKA [35.62, -96.09]</b>				
	03/17/22 20:45 CST		0	Thunderstorm Wind (EG 65 kt)
	03/17/22 20:45 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down several trees.				
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<b>OSAGE COUNTY --- 2.3 SSW WYNONA [36.52, -96.34]</b>				
	03/17/22 21:10 CST		0	Thunderstorm Wind (MG 53 kt)
	03/17/22 21:10 CST		0	Source: Mesonet
The Oklahoma Mesonet station near Wynona measured 61 mph thunderstorm wind gusts.				
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<b>ROGERS COUNTY --- 4.2 WNW INOLA [36.18, -95.57]</b>				
	03/17/22 21:34 CST		8K	Thunderstorm Wind (EG 56 kt)
	03/17/22 21:34 CST		0	Source: Public
Strong thunderstorm wind rolled an RV, and snapped large tree limbs.				
<b>Strong to severe thunderstorms developed across portions of eastern Oklahoma during the evening of the 17th, ahead of an approaching upper level disturbance, and along a cold front that was moving through the area. The strongest thunderstorms produced damaging wind gusts.</b>				
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<b>(OK-Z053) CHOCTAW, (OK-Z063) DELAWARE, (OK-Z068) CHEROKEE, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE</b>				
	03/20/22 10:00 CST		0	Wildfire
	03/24/22 21:00 CST		0	
Unseasonably warm temperatures, strong wind gusts, and low humidity combined with dormant, dry fine fuels to promote conditions that supported the rapid spread of wildfire across eastern Oklahoma during late March. Numerous wildfires occurred across the region during this period, but the largest fires affected Haskell County where over 825 acres were burned, Choctaw County where over 800 acres were burned, Delaware County where over 725 acres were burned, Pittsburg County where over 600 acres were burned, Cherokee County where over 550 acres were burned, Le Flore County where over 500 acres were burned, and Latimer County where over 250 acres were burned.				
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<b>PITTSBURG COUNTY --- 1.2 W ADAMSON [34.92, -95.55], 0.8 WNW ADAMSON [34.93, -95.54]</b>				
	03/30/22 03:39 CST		75K	Tornado (EF0, L: 0.60 mi , W: 100 yd)
	03/30/22 03:40 CST		0	Source: NWS Storm Survey
This tornado damaged several homes, rolled multiple trailers, damaged outbuildings, damaged a mobile home, uprooted a large hardwood tree, and snapped large tree limbs. Based on this damage, maximum estimated wind in the tornado was 80 to 85 mph.				
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<b>PUSHMATAHA COUNTY --- 2.2 N HONOBIA [34.56, -94.94]</b>				
	03/30/22 04:45 CST		0	Thunderstorm Wind (EG 56 kt)
	03/30/22 04:45 CST		0	Source: Fire Department/Rescue
Strong thunderstorm wind snapped large tree limbs.				
<b>Strong to severe thunderstorms developed across western Oklahoma during the evening of the 29th, along and ahead of a dry line. The storms moved east across eastern Oklahoma during the early morning hours of the 30th. Weak instability combined with very strong low level wind shear to create an environment that supported intense low level circulations in the thunderstorms. One thunderstorm produced a weak tornado in Pittsburg County, and another thunderstorm produced wind damage in Pushmataha County.</b>				