

## Storm Data and Unusual Weather Phenomena - January 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Northwest</b>				
<b>(AR-Z001) BENTON</b>				
	01/08/24 08:25 CST	0		High Wind (MAX 53 kt)
	01/08/24 08:35 CST	0		
<p>Low pressure deepened over the Texas Panhandle early on the 8th, as a strong upper level storm system approached the area from the west. This resulted in a very strong pressure gradient across northwestern Arkansas ahead of the surface low. Southerly wind of 35 to 50 mph was common, with gusts to 61 mph measured in portions of Benton County.</p>				
<b>BENTON COUNTY --- 1.1 NW BELLA VISTA [36.44, -94.24]</b>				
	01/11/24 23:00 CST	0		Thunderstorm Wind (EG 65 kt)
	01/11/24 23:00 CST	0		Source: Public
<p>Strong thunderstorm wind blew down several trees on Oldham Road.</p>				
<b>BENTON COUNTY --- 4.3 N BELLA VISTA [36.49, -94.23]</b>				
	01/11/24 23:07 CST	0		Hail (0.75 in)
	01/11/24 23:07 CST	0		Source: Public
<b>BENTON COUNTY --- 2.0 NNW CENTERTON [36.38, -94.29]</b>				
	01/11/24 23:10 CST	0		Hail (0.75 in)
	01/11/24 23:10 CST	0		Source: Public
<b>BENTON COUNTY --- ROGERS [36.33, -94.12]</b>				
	01/11/24 23:14 CST	20K		Thunderstorm Wind (EG 56 kt)
	01/11/24 23:14 CST	0		Source: Broadcast Media
<p>Strong thunderstorm wind damaged fences and the roofs of homes.</p>				
<b>BENTON COUNTY --- 2.0 WNW PEA RIDGE [36.46, -94.15]</b>				
	01/11/24 23:21 CST	0		Hail (0.75 in)
	01/11/24 23:21 CST	0		Source: Public
<b>BENTON COUNTY --- 3.3 W GARFIELD [36.44, -94.03]</b>				
	01/11/24 23:23 CST	15K		Thunderstorm Wind (EG 74 kt)
	01/11/24 23:23 CST	0		Source: Park/Forest Service
<p>Strong thunderstorm wind damaged the roof of a building, and uprooted a number of trees.</p>				
<b>BENTON COUNTY --- 2.0 ENE LARUE [36.33, -93.93]</b>				
	01/11/24 23:25 CST	2K		Thunderstorm Wind (EG 65 kt)
	01/11/24 23:25 CST	0		Source: Public
<p>Strong thunderstorm wind blew down trees and power lines.</p>				
<b>BENTON COUNTY --- 2.1 NE LARUE [36.34, -93.94]</b>				
	01/11/24 23:25 CST	0.15M		Thunderstorm Wind (EG 61 kt)
	01/11/24 23:25 CST	0		Source: Broadcast Media
<p>Strong thunderstorm wind destroyed boat docks and damaged boats.</p>				
<b>WASHINGTON COUNTY --- 0.5 W ELKINS [36.00, -94.01]</b>				
	01/11/24 23:39 CST	0		Hail (1.00 in)
	01/11/24 23:39 CST	0		Source: Trained Spotter

Strong thunderstorms developed across northeastern Oklahoma during the evening of the 11th, ahead of a cold front that pushed into the area. Low level moisture increased ahead of the front, supporting moderately strong instability. Wind shear was very strong across the area with the approach of a strong upper level disturbance. The thunderstorms intensified as they approached the Arkansas border late in the evening, resulting in the strongest thunderstorms producing damaging wind and hail up to quarter size.

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<b>(AR-Z001) BENTON, (AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN</b>				
	01/14/24 11:00 CST		0	Winter Storm
	01/14/24 20:30 CST		0	

Arctic air spread into northwestern Arkansas on the 12th, with a reinforcing surge of cold air coming on the 13th. The cold air was deep enough to support snow as precipitation spread into the area midday on the 14th as an upper level disturbance approached the region from the west. The snow continued into the evening across portions of northwest Arkansas, with four inches of snow occurring across much of the region, and four to six inches of snow falling over portions of Crawford, Franklin, Washington, and Madison Counties.

<b>(AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN</b>				
	01/21/24 18:00 CST		0	Ice Storm
	01/22/24 13:30 CST		0	

Arctic air was already in place across northwestern Arkansas as a strong upper level disturbance approached the area of the 21st. Precipitation spread into the area during the evening of the 21st, as warm and moist air was lifted over the shallow cold air near the surface, resulting in widespread freezing rain. The freezing rain continued across the region into the afternoon of the 22nd, with surface temperatures slowly rising above 32 degrees. Some areas received 0.25 to 0.40 inches of ice accumulation. There were some power outages reported across the region, and roads became ice-covered and treacherous.

### OKLAHOMA, Eastern

<b>(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON</b>				
	01/01/24 00:00 CST		0	Drought
	01/31/24 23:59 CST		0	

A number of precipitation events occurred across eastern Oklahoma during January, including two winter storms. Most of the region received between one and a half and four inches of precipitation, with some areas of far eastern Oklahoma receiving between five and six inches of precipitation. This precipitation corresponded to as little as 50 percent of the normal average precipitation for the month in portions of southeastern Oklahoma, to as much as 200 percent of normal monthly precipitation in portions of northeastern Oklahoma. Despite much of the area receiving beneficial precipitation during January, portions of Osage, Washington, Pushmataha, and Choctaw Counties continued to experience severe (D2) drought conditions during the month, as the heavier precipitation fell outside of those areas. Monetary damage estimates as a result of the drought were not available.

<b>OKMULGEE COUNTY --- 0.8 NW MORRIS [35.61, -95.86]</b>				
	01/11/24 21:29 CST		0	Hail (0.75 in)
	01/11/24 21:29 CST		0	Source: Public

<b>MUSKOGEE COUNTY --- 2.0 W MUSKOGEE [35.75, -95.41]</b>				
	01/11/24 21:42 CST		0	Hail (0.88 in)
	01/11/24 21:42 CST		0	Source: Public

<b>CHEROKEE COUNTY --- 5.4 NW MELVIN [35.98, -95.24]</b>				
	01/11/24 22:04 CST		0	Hail (0.75 in)
	01/11/24 22:04 CST		0	Source: Public

<b>MCINTOSH COUNTY --- 2.0 SW RENTIESVILLE [35.50, -95.53]</b>				
	01/11/24 22:04 CST		0	Hail (0.75 in)
	01/11/24 22:04 CST		0	Source: Public

<b>MUSKOGEE COUNTY --- 0.3 SE OKTAHA [35.58, -95.48]</b>				
	01/11/24 22:09 CST		0	Hail (0.75 in)
	01/11/24 22:09 CST		0	Source: Public

<b>CHEROKEE COUNTY --- 4.0 SE PEGGS [36.04, -95.05]</b>				
	01/11/24 22:26 CST		0	Hail (0.75 in)
	01/11/24 22:26 CST		0	Source: Public

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**DELAWARE COUNTY --- 1.6 ENE WEST SILOAM SPGS [36.18, -94.57]**

01/11/24 22:49 CST	0	Hail (0.75 in)
01/11/24 22:49 CST	0	Source: Public

Strong thunderstorms developed across northeastern Oklahoma during the evening of the 11th, ahead of a cold front that pushed into the area. Low level moisture increased ahead of the front, supporting moderately strong instability. Wind shear was very strong across the area with the approach of a strong upper level disturbance. The strongest thunderstorms produced hail up to nickel size.

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**(OK-Z057) CRAIG, (OK-Z058) OTTAWA, (OK-Z063) DELAWARE, (OK-Z069) ADAIR, (OK-Z072) SEQUOYAH, (OK-Z076) LE FLORE**

01/14/24 11:00 CST	0	Winter Storm
01/14/24 20:00 CST	0	

Arctic air spread into eastern Oklahoma on the 12th, with a reinforcing surge of cold air coming on the 13th. The cold air was deep enough to support snow as precipitation spread into the area midday on the 14th as an upper level disturbance approached the region from the west. The snow continued into the evening across portions of eastern Oklahoma, with four inches of snow occurring across portions of several counties of far eastern Oklahoma.

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**(OK-Z060) TULSA, (OK-Z076) LE FLORE**

01/21/24 18:00 CST	0	Ice Storm
01/22/24 12:00 CST	0	

Arctic air was already in place across eastern Oklahoma as a strong upper level disturbance approached the area of the 21st. Precipitation spread into the area during the evening of the 21st, as warm and moist air was lifted over the shallow cold air near the surface, resulting in widespread freezing rain. The freezing rain continued across the region into the afternoon of the 22nd, with surface temperatures slowly rising above 32 degrees. Some areas received 0.25 inches of ice accumulation. There were some power outages reported across the region, and roads became ice-covered and treacherous.