

Storm Data and Unusual Weather Phenomena - February 2024

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

(AR-Z001) BENTON

	02/12/24 00:00 CST	0		Winter Storm
	02/12/24 11:30 CST	0		

A strong upper level storm system translated from the Southern Rockies into the Southern Plains on the 11th and 12th. Precipitation spread into northwestern Arkansas during the day on the 11th, and changed to snow during the late evening as the air mass cooled. Snowfall varied across the region, but upwards of four to five inches fell across portions of Benton County before it ended from west to east during the morning of the 12th.

OKLAHOMA, Eastern

(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON

	02/01/24 00:00 CST	0		Drought
	02/29/24 23:59 CST	0		

One half to three inches of precipitation fell across eastern Oklahoma during February, corresponding to as little as 25 percent of normal average precipitation for the month to as much as 150 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 Pushmataha and Choctaw Counties. Severe (D2) drought conditions persisted across portions of Osage and Washington Counties. Monetary damage estimates as a result of the drought were not available.

(OK-Z063) DELAWARE

	02/07/24 11:00 CST	0		Wildfire
	02/09/24 18:00 CST	0		

Unseasonably warm temperatures, very strong wind with gusts to over 40 mph, and very dry air, combined with dormant fuels to promote conditions that supported the rapid spread of wildfire across portions of eastern Oklahoma on the 7th and 8th. Numerous wildfires occurred across the region, but the largest fires affected Delaware County, where over 400 acres were burned.

(OK-Z054) OSAGE, (OK-Z056) NOWATA, (OK-Z058) OTTAWA, (OK-Z063) DELAWARE

	02/11/24 23:00 CST	0		Winter Storm
	02/12/24 11:00 CST	0		

A strong upper level storm system translated from the Southern Rockies into the Southern Plains on the 11th and 12th. Precipitation spread into eastern Oklahoma during the day on the 11th, and changed to snow during the late evening as the air mass cooled. Snowfall varied across the region, but upwards of four to five inches fell across portions of eastern Oklahoma before it ended from west to east during the morning of the 12th.

(OK-Z053) CHOCTAW, (OK-Z063) DELAWARE, (OK-Z068) CHEROKEE, (OK-Z069) ADAIR, (OK-Z075) LATIMER

	02/19/24 11:00 CST	0		Wildfire
	02/29/24 23:59 CST	0		

Unseasonably warm temperatures, very strong wind, and very dry air, combined with dormant fuels to promote conditions that supported the rapid spread of wildfire across portions of eastern Oklahoma beginning on the 19th, and continuing through the end of the month. Numerous wildfires occurred across the region, but the largest fires affected Latimer County, where over 7200 acres were burned, Cherokee and Choctaw Counties, where over 5700 acres were burned, Adair County, where over 1200 acres were burned, and Delaware County, where over 500 acres were burned. Some of these fires continued to burn into early March.

OSAGE COUNTY --- SHIDLER [36.78, -96.65]

	02/22/24 00:03 CST	0		Hail (0.75 in)
	02/22/24 00:03 CST	0		Source: Public

WASHINGTON COUNTY --- 4.0 E BARTLESVILLE [36.75, -95.93]

	02/22/24 00:24 CST	0		Hail (0.75 in)
	02/22/24 00:24 CST	0		Source: Public

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WASHINGTON COUNTY --- 3.6 SSE DEWEY [36.75, -95.91]				
	02/22/24 00:26 CST		0	Hail (0.75 in)
	02/22/24 00:26 CST		0	Source: Public

Strong thunderstorms developed across northeastern Oklahoma during the early morning hours of the 22nd, as an upper level disturbance translated into the Southern Plains. The strongest storms produced hail up to penny size in Washington and Osage Counties.