

Storm Data and Unusual Weather Phenomena - April 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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OKLAHOMA, Panhandle

(OK-Z001) CIMARRON, (OK-Z002) TEXAS, (OK-Z003) BEAVER

	04/01/23 00:00 CST	0		Drought
	04/30/23 23:59 CST	0		

Long term drought conditions contributed to concerns for wildfires and dust storms during the April winds and low relative humidity during the month. A total of 8,471 acres were burned across portions of Potter and Carson County in the Texas Panhandle early on in April. The fire that was in Potter County caused several residential areas north of Amarillo to be evacuated by the Potter County Office of Emergency Management due to erratic fire behavior along the Canadian River Valley terrain.

Per farmers and ranchers, soil moisture was reported to be short to very short. Dryland winter wheat was not harvestable during the month. Cow/calf producers were feeding more on rangelands, but in several counties the cow/calf pairs were going to market due to lack of forage availability.

(OK-Z001) CIMARRON, (OK-Z002) TEXAS, (OK-Z003) BEAVER

	04/04/23 09:12 CST	0		High Wind (MAX 54 kt)
	04/04/23 13:40 CST	0		

Breezy and gusty winds were present across the combined Oklahoma and Texas Panhandles during the afternoon of the 4th. Sustained winds were around 30-45 mph out of the southwest with gusts as high as 55-57 mph. Several locations in the OK gusted to 58 mph or slightly higher, while one location in the TX Panhandle did see sustained winds around 40 to 45 mph for two hours.

(OK-Z002) TEXAS

	04/04/23 11:13 CST	0		High Wind (MAX 51 kt)
	04/04/23 11:35 CST	0		

An upper level system brought some stronger winds aloft along with a cold front. The cold front brought breezy northwest to northerly winds with the initial passage. It also helped a couple of isolated areas across the combined Oklahoma and Texas Panhandle gust as high as 58 to 59 mph.

TEXAS, North Panhandle

(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z004) OCHILTREE, (TX-Z005) LIPSCOMB, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS, (TX-Z010) HEMPHILL, (TX-Z011) OLDDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z015) WHEELER, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG, (TX-Z019) DONLEY, (TX-Z020) COLLINGSWORTH

	04/01/23 00:00 CST	0		Drought
	04/30/23 23:59 CST	0		

Long term drought conditions contributed to concerns for wildfires and dust storms during the April winds and low relative humidity during the month. A total of 8,471 acres were burned across portions of Potter and Carson County in the Texas Panhandle early on in April. The fire that was in Potter County caused several residential areas north of Amarillo to be evacuated by the Potter County Office of Emergency Management due to erratic fire behavior along the Canadian River Valley terrain.

Per farmers and ranchers, soil moisture was reported to be short to very short. Dryland winter wheat was not harvestable during the month. Cow/calf producers were feeding more on rangelands, but in several counties the cow/calf pairs were going to market due to lack of forage availability.

(TX-Z007) MOORE

	04/03/23 13:57 CST	0		High Wind (MAX 51 kt)
	04/03/23 13:57 CST	0		

Breezy and gusty conditions were present over the combined Oklahoma and Texas Panhandles. There was one location, near Dumas, TX, that measured a wind gust as high as 59 mph during the afternoon.

(TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z005) LIPSCOMB, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS, (TX-Z010) HEMPHILL, (TX-Z011) OLDDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/04/23 09:30 CST		0	High Wind (MAX 58 kt)
	04/04/23 17:49 CST		0	

Breezy and gusty winds were present across the combined Oklahoma and Texas Panhandles during the afternoon of the 4th. Sustained winds were around 30-45 mph out of the southwest with gusts as high as 55-57 mph. Several locations in the OK gusted to 58 mph or slightly higher, while one location in the TX Panhandle did see sustained winds around 40 to 45 mph for two hours.

(TX-Z012) POTTER

04/04/23 16:39 CST	0	Wildfire
04/08/23 18:41 CST	0	

The Bent Willow Fire in Potter County ignited the afternoon of April 4 under extreme fire weather conditions. The fire was actively burning in grass vegetation with rapid growth and high resistance to control as a result of the high wind speeds, low relative humidity and critically dry grass.

County and local fire departments are responding to the fire in addition to Texas A&M Forest Service and the agency is in unified command with Potter County. Texas A&M Forest Service is responding with personnel, heavy equipment such as bulldozers and motor graders, engines, hand crews and single engine air tankers.

Evacuations were issued for residents in Park Circle, Riviera Park and areas North of Givens and west of Highway 287. Highway 287 Northbound was closed for a period of time due to this fire.

Total Acres 8,118 and cause was unknown.

(TX-Z002) SHERMAN

04/04/23 17:24 CST	0	High Wind (MAX 58 kt)
04/04/23 17:24 CST	0	

Some moisture in the mid to upper levels evaporated as it fell, cooling the air causing it to sink and bring some higher winds to the surface. A mesonet located near Sunray measured a peak wind gust of 67 mph because of this.

(TX-Z018) ARMSTRONG

04/08/23 12:27 CST	0	Wildfire
04/08/23 15:45 CST	0	

A grassfire caused by welding equipment began around 130 pm near the Potter and Carson County line, east of Rick Husband Amarillo International Airport, between I-40 and Highway 60. The fire burned 353 acres and was contained just before 5 pm.

SHERMAN COUNTY --- 2.3 WNW MALLETT [36.36, -102.14]

04/13/23 15:36 CST	0	Thunderstorm Wind (MG 51 kt)
04/13/23 15:36 CST	0	Source: Mesonet

MOORE COUNTY --- 2.8 E LAKE MEREDITH [35.65, -101.62]

04/13/23 16:17 CST	0	Thunderstorm Wind (MG 50 kt)
04/13/23 16:17 CST	0	Source: Mesonet

Gust was associated with the gust front ahead of the line.

POTTER COUNTY --- (AMA)AMARILLO INTL A [35.22, -101.72]

04/13/23 16:20 CST	0	Thunderstorm Wind (MG 54 kt)
04/13/23 16:20 CST	0	Source: ASOS

Gust was associated with the gust front ahead of the line.

A line of thunderstorms formed in the western combined Oklahoma and Texas Panhandles during the afternoon of the 13th. A few of these storms within the line produced some wind gusts in excess of 58 mph.

(TX-Z010) HEMPHILL, (TX-Z014) GRAY

04/20/23 12:26 CST	0	High Wind (MAX 50 kt)
04/20/23 12:27 CST	0	

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high as 58 to 59 mph.				
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RANDALL COUNTY --- 0.6 W UMBARGER [34.95, -102.11]				
	04/25/23 16:27 CST		0	Hail (0.75 in)
	04/25/23 16:27 CST		0	Source: Public
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SHERMAN COUNTY --- 1.8 ESE MALLETT [36.34, -102.07]				
	04/25/23 17:36 CST		0	Hail (1.00 in)
	04/25/23 17:36 CST		0	Source: State Official
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HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60]				
	04/25/23 19:28 CST		0	Hail (1.00 in)
	04/25/23 19:28 CST		0	Source: Trained Spotter

A few isolated storms formed during the evening of the 25th across the Texas Panhandle. One of these storms dropped hail up to one inch in diameter over Stratford and Fritch, TX. Another storm further south dropped up to nickel size hail over Umbarger, TX.