

## Storm Data and Unusual Weather Phenomena - April 2024

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

#### (OK-Z002) TEXAS, (OK-Z003) BEAVER

	04/06/24 11:45 CST	0		High Wind (MAX 57 kt)
	04/06/24 16:08 CST	0		

A strong low pressure system developed in Colorado which led to 20 to 30 mph sustained southerly winds in the morning. A cold (Pacific) front moved in from the west later in the morning bringing drier air and stronger surface winds up to 35 to 45 mph with wind gusts largely between 55 to 65 mph. However, a wind gust up to 67 mph was observed in Borger. Given the low relative humidity values with the strong winds, high-end critical fire weather conditions were observed.

#### (OK-Z002) TEXAS

	04/18/24 03:30 CST	0		High Wind (MAX 50 kt)
	04/18/24 03:35 CST	0		

Strong northerly winds in the 20 to 30 mph range moved into the combined Oklahoma and Texas Panhandle on the morning of the 18th, with some higher wind gusts just behind the front. At least one wind gust up to 58 mph was measured in the OK Panhandle early on with the initial push of the front and again down at Dumas with a 60 mph gust.

### TEXAS, North Panhandle

#### (TX-Z013) CARSON

	04/01/24 00:25 CST	0		High Wind (MAX 54 kt)
	04/01/24 00:25 CST	0		

Some light showers moved through the Texas Panhandle on the morning of the 1st. These showers helped bring some higher winds aloft to the surface with a mesonet station located 4 SSW of Pantex measuring a single wind gust of 62 mph.

#### (TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z005) LIPSCOMB, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z010) HEMPHILL, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG, (TX-Z019) DONLEY

	04/06/24 08:43 CST	0		High Wind (MAX 63 kt)
	04/06/24 16:29 CST	0		

A strong low pressure system developed in Colorado which led to 20 to 30 mph sustained southerly winds in the morning. A cold (Pacific) front moved in from the west later in the morning bringing drier air and stronger surface winds up to 35 to 45 mph with wind gusts largely between 55 to 65 mph. However, a wind gust up to 67 mph was observed in Borger. Given the low relative humidity values with the strong winds, high-end critical fire weather conditions were observed.

#### GRAY COUNTY --- 2.1 SSE ALANREED [35.19, -100.72]

	04/08/24 22:48 CST	0		Hail (0.75 in)
	04/08/24 22:48 CST	0		Source: Public

During the evening of the 8th some thunderstorms developed across the southeastern Texas Panhandle. The atmosphere had enough instability in place for one of these storms to produce hail the size of pennies.

#### CARSON COUNTY --- 7.1 SSE PANTEX [35.23, -101.54]

	04/09/24 05:18 CST	0		Hail (0.75 in)
	04/09/24 05:18 CST	0		Source: Trained Spotter

An much larger convective complex moved into the Texas Panhandle from the south during the early morning hours of the 9th. Some remaining instability in the atmosphere further west in Carson County helped a storm produce more hail in the size of pennies near Pantex.

#### (TX-Z012) POTTER

	04/15/24 17:10 CST	0		High Wind (MAX 52 kt)
	04/15/24 17:10 CST	0		

During the afternoon and evening hours breezy southerly winds upwards of 25 to 30 mph with gusts upwards of 45 mph overtook the

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combined Oklahoma and Texas Panhandles. The ASOS located in Amarillo managed to measure one gust up to 60 mph during the early evening hours.

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**(TX-Z007) MOORE**

	04/18/24 05:01 CST	0	0	High Wind (MAX 52 kt)
	04/18/24 05:33 CST	0	0	

Strong northerly winds in the 20 to 30 mph range moved into the combined Oklahoma and Texas Panhandle on the morning of the 18th, with some higher wind gusts just behind the front. At least one wind gust up to 58 mph was measured in the OK Panhandle early on with the initial push of the front and again down at Dumas with a 60 mph gust.

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**WHEELER COUNTY --- SHAMROCK [35.22, -100.25]**

	04/27/24 08:44 CST	0	0	Hail (0.88 in)
	04/27/24 08:44 CST	0	0	Source: Trained Spotter

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**(TX-Z007) MOORE, (TX-Z016) DEAF SMITH**

	04/27/24 19:39 CST	0	0	High Wind (MAX 59 kt)
	04/27/24 20:55 CST	0	0	

A very humid and unstable environment was found in southeastern Texas Panhandle the morning of the 27th. This allowed a couple of isolated storms to form and produce hail up to penny size. Going into the afternoon an evening a Pacific front moved in from the west bringing drier and windy conditions. A couple of places in the central to western Texas Panhandle did in fact gust to 58 and 60 mph behind this front.