

Storm Data and Unusual Weather Phenomena - October 2023

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

(OK-Z002) TEXAS

	10/12/23 13:20 CST	0		High Wind (MAX 50 kt)
	10/12/23 13:20 CST	0		

During the early afternoon of the 12th, an strong upper level low pressure system moved across the Central Great Plains. The combined OK and TX Panhandles were on the southern edge of this system with strong winds aloft rounding the low. Winds became breezy in the 25 to 35 mph range gusting up to 50 mph. For a short time these winds picked up to around 35 to 40 mph sustained with a few gusts up to 58 to 63 mph as the higher winds aloft mixed to the surface.

TEXAS, North Panhandle

(TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG, (TX-Z020) COLLINGSWORTH

	10/01/23 00:00 CST	0		Drought
	10/31/23 23:59 CST	0		

With rain shutting off mid June for much of the southern Texas Panhandle, this region was seeing major drought impacts by October, despite some record rainfall May through early June. Pumpkin yields were down almost 20-40% due to the dry and warm summer months continuing well into fall. Several grass fires have started around the area as well with a few of these fires becoming large and taking a good part of the day to put out. The main area suffering from drought remained across the I-40 corridor with areas just to the north and south of the interstate suffering the most from the lack of summer moisture, especially around Potter, Randall, Caron, and Armstrong Counties.

(TX-Z015) WHEELER

	10/02/23 12:34 CST	0		Wildfire
	10/02/23 16:04 CST	0		

An upper level trough out of the Great Basin area did help amplify southwesterly flow to the area, but we still managed to keep minimum RH values in the 30 to 40 percent range. Conditions were still dry enough that a wildfire (unknown start) was able to grow to 300 acres in Wheeler County. N of Allision, 2 miles east on Reydon hwy.

DONLEY COUNTY --- 0.7 N CLARENDON [34.94, -100.90]

	10/04/23 12:19 CST	0		Hail (1.00 in)
	10/04/23 12:19 CST	0		Source: Public

DONLEY COUNTY --- 0.7 N CLARENDON [34.94, -100.90]

	10/04/23 12:21 CST	0		Hail (1.25 in)
	10/04/23 12:21 CST	0		Source: Public

DONLEY COUNTY --- 4.8 N CLARENDON [35.00, -100.90]

	10/04/23 12:21 CST	0		Hail (1.00 in)
	10/04/23 12:21 CST	0		Source: Public

During the late morning and early afternoon on the 4th of October scattered thunderstorms moved through the southeastern Texas County. One of these storms hit some unstable air over Donley County and grew strong enough to form hail up to the 1.25" diameter hail near Clarendon, TX.

(TX-Z007) MOORE, (TX-Z008) HUTCHINSON

	10/12/23 13:27 CST	0		High Wind (MAX 55 kt)
	10/12/23 14:44 CST	0		

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(TX-Z013) CARSON

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	10/20/23 14:54 CST		0	Wildfire
	10/20/23 18:55 CST		0	

Above normal temperatures and continued lack of rain kept fuels on the dry side, but weather wise was pretty tame as high pressure remained over the area, and winds remained in the 5 to 10 mph range. Still, a fire just off Hwy 60 between Amarillo and Panhandle burned about 350 acres. The cause is unknown, but it took about 4 hours to contain.