

Storm Data and Unusual Weather Phenomena - October 2022

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

10/01/22 00:00 CST	0	Drought
10/31/22 23:59 CST	0	

Long term drought conditions continued to keep rangelands grassless putting a strain on ranchers, which have been forced to supplement feed or sell off cattle. Soil moisture continued to be short to very short for portions of the combined Panhandles through October. These soil conditions slowed the planting of winter wheat for some areas in the more extreme to exceptional drought conditions.

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

10/23/22 11:45 CST	0	High Wind (MAX 55 kt)
10/23/22 15:22 CST	0	

An upper level disturbance approached the Rockies and provided a strong jet that would move over the Panhandles. Very warm temperatures across the northern Panhandles allowed for the strong winds aloft to mix down. Further south winds were still strong and would gust in the 25 to 45 mph range, but would not perform as well as the areas to the north, nor get as warm. This was due to moisture transport over the area and the cloud cover associated. Impacts were north of the Romero to Dumas to Beaver line, as these were the areas that managed the least amount of cloud cover. In these areas winds would be sustained over 40 mph on and off and we would see gusts range from 58 mph to 67 mph. Dumas was the highest to gust in at 67 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-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z020) COLLINGSWORTH

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10/31/22 23:59 CST	0	

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(TX-Z010) HEMPHILL, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY

10/04/22 14:00 CST	0	Drought
10/31/22 23:59 CST	0	

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WHEELER COUNTY --- 4.8 NE BRISCOE [35.62, -100.21]

10/15/22 19:26 CST	0	Hail (1.50 in)
10/15/22 19:26 CST	0	Source: Public

Warm moist air collided with a surface boundary creating lift and the moisture helped create an unstable environment. A supercell formed in Wheeler County and produced hail up to an inch and a half in diameter on the evening of October 15th. All other thunderstorm activity remained along this boundary but to the east in western Oklahoma.

(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z011) OLDHAM

10/23/22 07:14 CST	0	High Wind (MAX 58 kt)
10/23/22 14:34 CST	0	

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