

## Storm Data and Unusual Weather Phenomena - September 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

09/01/22 00:00 CST	0	Drought
09/30/22 23:59 CST	0	

The central to eastern Oklahoma Panhandle as well as the surrounding areas in the northern Texas Panhandle continued to see a significant lack of soil moisture. Ranchers and farmers continue to struggle from the lack of rainfall. Crop yields came in low, as expected, over the course of September. Herds had been kept lower than previous years in order to reduce the cost of supplemental feeding as pastures remain barren. Unlike in previous years, high winds and low relative humidity days had been almost non-existent in September which kept wildfire activity at bay. Many burn bans were implemented or retained for the driest of areas.

### 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

09/01/22 00:00 CST	0	Drought
09/30/22 23:59 CST	0	

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#### (TX-Z018) ARMSTRONG, (TX-Z020) COLLINGSWORTH

09/01/22 00:00 CST	0	Drought
09/06/22 18:00 CST	0	

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#### LIPSCOMB COUNTY --- 7.8 W LIPSCOMB [36.22, -100.41]

09/15/22 16:36 CST	0	Thunderstorm Wind (MG 54 kt)
09/15/22 16:36 CST	0	Source: Mesonet

#### RANDALL COUNTY --- 6.2 SE AMARILLO [35.15, -101.73]

09/15/22 16:38 CST	0	Thunderstorm Wind (EG 56 kt)
09/15/22 16:41 CST	0	Source: Trained Spotter

Land spout captured on video and relayed by a storm chaser. Started at 5:38pm and lifted at 5:41 pm.

#### POTTER COUNTY --- 2.9 ENE (AMA)AMARILLO INTL A [35.23, -101.67]

09/15/22 16:41 CST	0	Hail (1.50 in)
09/15/22 16:41 CST	0	Source: NWS Employee

#### POTTER COUNTY --- 4.0 ENE (AMA)AMARILLO INTL A [35.25, -101.66]

09/15/22 16:42 CST	0	Hail (1.75 in)
09/15/22 16:42 CST	0	Source: Broadcast Media

#### POTTER COUNTY --- 2.9 ENE (AMA)AMARILLO INTL A [35.23, -101.67]

09/15/22 16:49 CST	0	Hail (1.50 in)
09/15/22 16:49 CST	0	Source: NWS Employee

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LIPSCOMB COUNTY --- 4.5 SSE LIPSCOMB [36.17, -100.24]	09/15/22 17:05 CST		0	Hail (1.00 in)
	09/15/22 17:05 CST		0	Source: Emergency Manager

An upper level shortwave trough moved east-northeast through southeast Colorado and northeast New Mexico during the afternoon and evening hours. Isolated severe thunderstorms developed in the southern and northeast Texas Panhandle. Shear and instability were weak. Thunderstorms were generally unorganized and formed in clusters. A thunderstorm that developed over northwest Amarillo moved east and collided with a westward moving outflow boundary. This caused the thunderstorm to intensify. The storm produced golf ball size hail and half dollar size hail to the east of Amarillo. Two outflow boundaries collided to the southeast of Amarillo causing a brief landspout. A severe wind gust was recorded west of Lipscomb from an isolated severe storm.

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LIPSCOMB COUNTY --- 4.8 S LIPSCOMB [36.16, -100.27]	09/17/22 15:21 CST		0	Hail (0.75 in)
	09/17/22 15:21 CST		0	Source: Public

During the late afternoon of the 17th a couple of isolated storms formed along a weak boundary in the far eastern TX Panhandle. To the east of the boundary, moisture interacted with some modest instability to create these thunderstorms. One of these thunderstorms intensified and created hail up to the size of nickels.

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(TX-Z008) HUTCHINSON	09/26/22 12:36 CST		0	Wildfire
	09/26/22 16:59 CST		0	

Strong winds, low relative humidity, and receptive fuels contributed to critical fire weather conditions across the Texas Panhandle on September 26th.