

Storm Data and Unusual Weather Phenomena - September 2020

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

(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN

09/01/20 00:00 CST	0	Drought
09/30/20 23:59 CST	0	

Drought conditions worsened during the month of September due to a continued lack of widespread beneficial rainfall. A majority of the region saw less than 50% of normal precipitation with a large area of the South Plains and extreme southwest Texas Panhandle receiving less than 10% of normal. This led to an expansion of D4 (exceptional drought) conditions across the southwest Texas Panhandle and southwestern South Plains. The D3 (extreme Drought) region remained relatively unchanged during the month encompassing the remainder of the extreme southwestern Texas Panhandle and the majority of the South Plains.

Temperatures in September averaged below normal, which helped to mitigate the lack of rainfall during the month. Dryland crops continued to suffer from this stretch of hot and dry weather in many parts of the region. Up to 41% of the cotton crop in Texas was reported as poor to very poor. Numerous fields that normally would have had maturing cotton crops were barren due to the loss of the crop. Cattle were reported to be in good condition despite the deteriorating pasture conditions due to supplemental feeding. Lack of rainfall was also delaying the planting of the winter wheat crop across the region.

HALL COUNTY --- 2.0 S LESLEY [34.64, -100.80]

09/01/20 18:08 CST	0	Thunderstorm Wind (MG 54 kt)
09/01/20 18:08 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Lesley measured a wind gust to 62 mph.

HALL COUNTY --- 7.2 SSW LESLEY [34.57, -100.84]

09/01/20 18:10 CST	0	Tornado (EFU, L: 0.01 mi , W: 30 yd)
09/01/20 18:10 CST	0	Source: Broadcast Media

Local broadcast media relayed a video of a very brief tornado in Hall County west of Farm to Market Road 657 north of Texas State Highway 86. The tornado briefly remained over open land that was inaccessible due to a lack of roads.

On the afternoon of the first, isolated but strong thunderstorms developed along a surface pressure trough located in the south-central Texas Panhandle. One of these storms was able to take advantage of the abundant instability and become very intense. However, a very dry sub-cloud layer allowed this storm to generate a severe wind gust near Lesley (Hall County). Additionally, local broadcast media relayed video of a tornado that lasted for a few seconds over open land in Hall County.

HALL COUNTY --- 1.0 NE MEMPHIS [34.73, -100.52]

09/02/20 15:25 CST	0	Thunderstorm Wind (MG 51 kt)
09/02/20 15:25 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Memphis measured a wind gust to 59 mph.

HALL COUNTY --- MEMPHIS [34.72, -100.53], 0.2 SSE MEMPHIS [34.72, -100.53]

09/02/20 15:35 CST	0	Heavy Rain
09/02/20 16:35 CST	0	Source: Trained Spotter

A trained spotter reported flooded streets in the town of Memphis. A nearby Texas Tech University West Texas mesonet measured 0.79" of rainfall in only 15 minutes.

Scattered thunderstorms developed across the eastern Texas Panhandle on the afternoon of the second. These storms moved to the south with one of them producing a severe wind gust near Memphis (Hall County). Although the storms were brief in nature, they brought intense rainfall. Minor street flooding was reported in and around Memphis due to the high rainfall rates.