

Storm Data and Unusual Weather Phenomena - July 2018

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-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN, (TX-Z042) GARZA, (TX-Z043) KENT, (TX-Z044) STONEWALL

07/01/18 00:00 CST	0	Drought
07/31/18 23:59 CST	0	

Although rainfall was very spotty during the month of July, drought conditions remained relatively unchanged. Most areas across the South Plains, Rolling Plains, and extreme southern Texas Panhandle were in Severe (D2) Drought. Some spotty areas remained in Extreme (D3) Drought and some as low as Abnormally Dry (D0). Upper level high pressure remained persistent with few opportunities for meaningful moisture or disturbances to activate storm chances. The dry soils combined with a feedback mechanism involving day after day of building heat. This appeared to be contributing to the strength of the anomalous ridge and likewise less rain. Soil moisture levels over the South Plains continued to be short of adequate. Lack of rain and high temperatures continued to dry out already parched land.

YOAKUM COUNTY --- 7.0 WNW DENVER CITY [33.01, -102.96]

07/02/18 18:05 CST	0	Thunderstorm Wind (MG 56 kt)
07/02/18 18:05 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Denver City measured a wind gust to 64 mph.

On the afternoon of the second, numerous thunderstorms developed in eastern New Mexico. However, weak upper level atmospheric flow did not allow for much organization to these thunderstorms. One storm was able to produce a severe wind gust near Denver City (Yoakum County).

BRISCOE COUNTY --- 7.0 ESE SILVERTON [34.43, -101.19]

07/29/18 19:50 CST	0	Thunderstorm Wind (MG 57 kt)
07/29/18 19:50 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Silverton measured a wind gust to 66 mph.

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

07/30/18 01:33 CST	0	Thunderstorm Wind (MG 63 kt)
07/30/18 01:46 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Lesley measured a peak wind gust to 73 mph. Intermittent severe wind gusts occurred from 0133 CST through 0146 CST.

Late evening isolated thunderstorms developed over the extreme southern Texas Panhandle. One of these storms became severe near Silverton and produced a wind gust to 66 mph. A few hours later, early in the morning of the 30th, thunderstorms moved from eastern New Mexico across the Texas Panhandle into the extreme southeastern Texas Panhandle. One of these thunderstorms became severe as well in Hall County measuring a peak wind gust to 73 mph.