

Storm Data and Unusual Weather Phenomena - August 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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				
	08/01/18 00:00 CST		0	Drought
	08/31/18 23:59 CST		0	
<p>Drought conditions eased for the first time in several months for portions of the South Plains and extreme southern Texas Panhandle. Parmer, Castro, Hall, and Childress Counties in the extreme southern Texas Panhandle were reduced to D1 (Moderate Drought) or lower while Bailey, Cochran, and Yoakum Counties in the western South Plains were as well. Elsewhere across the South Plains and Rolling Plains, D2 (Severe Drought) or higher remained in place. Although, drought conditions were generally reduced across all counties.</p> <p>Part of this was due to widespread rainfall which came mostly from August 15th through August 20th. Several night time rounds of mesoscale convective systems rolled out of eastern New Mexico bringing beneficial rainfall to much of the region but especially the extreme southern Texas Panhandle. More rainfall was needed to alleviate long term drought conditions across much of the South Plains and Rolling Plains. Generally, agricultural conditions improved because of the rainfall in advance of harvesting in the early fall.</p>				
HOCKLEY COUNTY --- 5.9 WSW ROUNDUP [33.73, -102.19]				
	08/10/18 13:45 CST		0	Thunderstorm Wind (MG 50 kt)
	08/10/18 13:45 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
HOCKLEY COUNTY --- 5.9 WSW ROUNDUP [33.73, -102.19]				
	08/10/18 15:55 CST		0	Thunderstorm Wind (MG 50 kt)
	08/10/18 15:55 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
<p>Clusters of slow moving severe thunderstorms produced two separate wind gusts to 58 mph near Anton (northeast Hockley County) within three hours of each other.</p>				
CASTRO COUNTY --- 2.0 NE DIMMITT [34.57, -102.30]				
	08/14/18 20:25 CST		0	Thunderstorm Wind (MG 54 kt)
	08/14/18 20:25 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Dimmitt measured a wind gust to 62 mph.				
<p>Several clusters of evening and overnight thunderstorms moved out of the central Texas Panhandle into the extreme southern Texas Panhandle. One of these clusters became severe over Castro County producing a wind gust to 62 mph near Dimmitt.</p>				
SWISHER COUNTY --- 1.8 ENE TULIA [34.54, -101.74]				
	08/15/18 17:10 CST		0	Thunderstorm Wind (MG 60 kt)
	08/15/18 17:10 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
CASTRO COUNTY --- 0.9 NW SUMMERFIELD [34.74, -102.51]				
	08/15/18 19:45 CST		0	Hail (1.25 in)
	08/15/18 19:45 CST		0	Source: Broadcast Media
Damage, if any, was not known.				
PARMER COUNTY --- 0.6 W FRIONA BENDER ARPK [34.65, -102.69]				
	08/15/18 21:00 CST		0	Thunderstorm Wind (MG 64 kt)
	08/15/18 21:00 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				

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CASTRO COUNTY --- 4.9 S SUMMERFIELD [34.66, -102.52], 8.3 S SUMMERFIELD [34.61, -102.52], 3.6 NW DIMMITT MUNI ARPT [34.61, -102.36], 6.8 NNW DIMMITT MUNI ARPT [34.66, -102.35]				
	08/15/18 21:42 CST		0	Flash Flood (due to Heavy Rain)
	08/16/18 01:00 CST		0.20M	Source: Broadcast Media

Large sections of Farm-to-Market Road 1057 were flowing with one to two feet of mud and water as documented by a video stringer with KVII-TV.

A very moist and unstable air mass supported several strong and severe thunderstorms this evening spanning portions of the far southwest Texas Panhandle. Many of these storms were very slow moving and deposited significant rainfall estimated as great as five inches in some areas of eastern Parmer and western Castro Counties.

HALE COUNTY --- 2.1 NNE ABERNATHY MUNI ARPT [33.88, -101.76]				
	08/17/18 15:40 CST		0	Thunderstorm Wind (MG 50 kt)
	08/17/18 15:40 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

A continued moist and unstable air mass led to several thunderstorms this afternoon across the region. One of these storms produced a brief severe wind gust near Abernathy (Hale County).

BAILEY COUNTY --- 0.9 SW MULESHOE [34.21, -102.74]				
	08/18/18 22:00 CST		0	Thunderstorm Wind (MG 55 kt)
	08/18/18 22:00 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

A large complex of thunderstorms rolled southeast across the western Panhandle late this night. In addition to producing widespread moderate to heavy rain, a severe wind gust occurred near Muleshoe (Bailey County).

LAMB COUNTY --- 1.1 E AMHERST [34.02, -102.40]				
	08/25/18 17:20 CST		0	Thunderstorm Wind (MG 56 kt)
	08/25/18 17:20 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

LAMB COUNTY --- 2.4 WSW BAINER [33.87, -102.27]				
	08/25/18 19:15 CST		80K	Thunderstorm Wind (EG 65 kt)
	08/25/18 19:15 CST		0	Source: COOP Observer

Several trees, fences and about 20 utility poles were damaged.

Severe thunderstorms early this evening targeted portions of Lamb County with damaging downbursts and heavy rain at times.