

## Storm Data and Unusual Weather Phenomena - September 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS, South Panhandle</b>				
<b>BAILEY COUNTY --- 1.6 WNW MULESHOE [34.23, -102.76], 1.9 NNW MULESHOE [34.24, -102.75], 0.3 WSW MULESHOE WARREN ARPT [34.23, -102.70], 0.5 S MULESHOE [34.21, -102.73]</b>				
	09/21/19 15:00 CST		25K	Flood (due to Heavy Rain)
	09/21/19 18:00 CST		0	Source: Law Enforcement
Widespread rain and thunderstorms brought heavy rainfall which led to runoff. This caused significant street flooding in the city of Muleshoe which contributed to several vehicle wrecks.				
<b>LUBBOCK COUNTY --- 0.5 S WEST CARLISLE [33.57, -101.95], 2.0 NE LUBBOCK [33.60, -101.83], 1.8 SW BURRIS [33.51, -101.80], 4.1 WNW LUBBOCK AIRPARK [33.50, -101.89]</b>				
	09/21/19 18:00 CST		10K	Flood (due to Heavy Rain)
	09/21/19 21:00 CST		0	Source: Emergency Manager
Heavy rain due to thunderstorms caused significant runoff in the city of Lubbock. Minor street flooding was observed near Texas Tech University. The Lubbock Fire Department reported a water rescue in a playa lake near the intersection of 77th street and Interstate 27.				
<b>A very moist atmosphere combined with a strong upper level jet streak to create widespread rainfall and flooding in some locations on the Caprock. Precipitable water values were near record levels in part due to tropical moisture streaming over the region from Hurricane Lorena in the eastern Pacific Ocean. As a result, significant flooding was observed in Muleshoe (Bailey County) and Lubbock (Lubbock County).</b>				
<b>BRISCOE COUNTY --- 3.1 NNW QUITAQUE [34.41, -101.07]</b>				
	09/28/19 17:38 CST		0	Thunderstorm Wind (MG 50 kt)
	09/28/19 17:38 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site in Caprock Canyons State Park measured a wind gust to 58 mph.				
<b>LAMB COUNTY --- 9.0 WSW EARTH [34.18, -102.55]</b>				
	09/28/19 17:57 CST		0	Thunderstorm Wind (MG 63 kt)
	09/28/19 18:00 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Earth measured a peak wind gust to 73 mph. Severe winds were measured between 1757 and 1800 CST.				
<b>CASTRO COUNTY --- 0.7 SSE DIMMITT [34.54, -102.31]</b>				
	09/28/19 18:37 CST		3K	Thunderstorm Wind (EG 52 kt)
	09/28/19 18:37 CST		0	Source: Law Enforcement
Law enforcement in Dimmitt reported a power pole blown over along Farm to Market Road 3215 on the south side of Dimmitt.				
<b>Isolated severe thunderstorms developed during the afternoon of the 28th as a short wave aloft moved overhead. Strong heating and steep mid level lapse rates led to these storms quickly becoming severe. Several thunderstorms produced severe wind gusts across the extreme southern Texas Panhandle including minor wind damage in Dimmitt (Castro County).</b>				
<b>(TX-Z023) SWISHER, (TX-Z028) LAMB, (TX-Z033) COCHRAN</b>				
	09/29/19 22:00 CST		0	High Wind (MAX 61 kt)
	09/30/19 00:39 CST		0	
<b>TERRY COUNTY --- 2.0 S BROWNFIELD [33.15, -102.28]</b>				
	09/29/19 22:05 CST		0	Thunderstorm Wind (MG 50 kt)
	09/29/19 22:05 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Brownfield measured a wind gust of 58 mph.				
<b>LUBBOCK COUNTY --- 6.0 SSW WOLFFORTH [33.42, -102.06]</b>				
	09/29/19 22:25 CST		0	Thunderstorm Wind (MG 51 kt)
	09/29/19 22:25 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Wolfforth measured a wind gust to 59 mph.				

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HOCKLEY COUNTY --- 6.0 SSW ANTON [33.74, -102.21]				
	09/29/19 22:50 CST		0	Thunderstorm Wind (MG 53 kt)
	09/29/19 22:50 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Anton measured a wind gust to 61 mph.

Scattered rain showers and thunderstorms developed across far West Texas and eastern New Mexico on the afternoon of the 29th. This activity weakened as it moved into the South Plains and extreme southern Texas Panhandle. These showers and thunderstorms produced a mix of severe thunderstorm wind gusts and severe non-thunderstorm wind gusts underneath rain showers. High wind reports from non-thunderstorms are reported below from the Texas Tech University West Texas mesonet:

70 mph at Happy (Swisher County), 65 mph at Tulia (Swisher County), and 64 mph at Morton (Cochran County).