

Storm Data and Unusual Weather Phenomena - October 2017

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

BRISCOE COUNTY --- 19.4 NNE SILVERTON [34.72, -101.13], 10.3 ENE SILVERTON [34.53, -101.13], 12.9 NNE QUITAQUE [34.54, -100.95], 23.4 NNE QUITAQUE [34.70, -100.95]

10/04/17 16:30 CST	0	Flood (due to Heavy Rain)
10/05/17 04:30 CST	0	Source: NWS Storm Survey

Widespread heavy rainfall occurred across eastern Briscoe, Hall, and western Childress Counties from the evening of the 4th through the early morning hours of the 5th. This torrential rainfall brought large scale flooding to eastern Briscoe County. Furthermore, minor river flooding occurred along the Prairie Dog Town Fork of the Red River.

HALL COUNTY --- 2.7 WNW NEWLIN [34.60, -100.47], 1.4 NNW NEWLIN [34.60, -100.44], 0.4 N NEWLIN [34.59, -100.43], 0.4 N ESTELLINE [34.56, -100.43], 0.9 S ESTELLINE [34.54, -100.43], 1.4 WSW ESTELLINE [34.54, -100.45], 2.0 W PLAINS JCT [34.57, -100.46]

10/04/17 21:00 CST	40K	Flash Flood (due to Heavy Rain)
10/05/17 01:00 CST	0	Source: NWS Storm Survey

Torrential rainfall for several hours near Newlin and areas upstream from the evening of the 4th through the early morning hours of the 5th caused flash flooding along US Highway 287 from Estelline to Newlin. Additional flash flooding was observed along Farm to Market Road 1619 east of Newlin. Rainfall estimates ranged from 5 to 6 inches just upstream of the flash flooded area. Initial reports from Hall County indicated that US Highway 287 was closed due to high water from Estelline to Memphis. Flood waters were deep enough to completely cover the tires of a sheriff deputy's vehicle. Several other vehicles entered high water causing the vehicles to become disabled which resulted in one high water rescue. A 200 foot portion of pavement of Farm to Market Road 1619 was washed out by flash flooding. Furthermore, a Burlington Northern Santa Fe train was unable to proceed in the flooded area due to high water. Many travelers became stranded in Estelline while traveling to Amarillo due to several detours being inundated with high water. US Highway 287 was reopened at 0900 CST on the morning of the 5th.

CHILDRESS COUNTY --- 15.2 W LOCO [34.75, -100.42], 3.0 E LONNIE [34.58, -100.12], 4.3 SE LONNIE [34.54, -100.12], 5.6 WNW CAREY [34.49, -100.42]

10/04/17 22:00 CST	0	Flood (due to Heavy Rain)
10/05/17 09:00 CST	0	Source: NWS Storm Survey

Widespread heavy rainfall occurred across eastern Briscoe, Hall, and western Childress Counties from the evening of the 4th through the early morning hours of the 5th. This torrential rainfall brought large scale flooding to western Childress County. Furthermore, minor river flooding occurred along the Prairie Dog Town Fork of the Red River.

HALL COUNTY --- 3.7 W BRICE [34.70, -100.95], 10.1 NNW TURKEY [34.54, -100.95], 8.4 SSE HULVER [34.41, -100.47], 6.0 ENE MEMPHIS MUNI ARPT [34.75, -100.42]

10/05/17 01:00 CST	0	Flood (due to Heavy Rain)
10/05/17 09:00 CST	0	Source: NWS Storm Survey

Widespread heavy rainfall occurred across eastern Briscoe, Hall, and western Childress Counties from the evening of the 4th through the early morning hours of the 5th. This torrential rainfall brought large scale flooding to the northern half of Hall County. Several roads in and around Estelline were flooded from the rainfall. Furthermore, minor river flooding occurred along the Prairie Dog Town Fork of the Red River.

Beginning on the evening of the 4th and lasting through the early morning of the 5th, very heavy rains fell over portions of eastern Briscoe, Hall, and western Childress Counties. A very moist atmosphere in place and training convection allowed for an estimated swath of 5-7 inches of rainfall over a widespread area. A river gauge six miles southwest of Brice in Hall County recorded a rainfall amount of 5.71 inches. Although much of the flooding was over rural areas, a small portion of Hall County near Newlin experienced flash flooding. Several vehicles became stranded in which one required a high water rescue. US Highway 287 was closed from Estelline to Memphis late in the evening of the 4th due to high water. Furthermore, much of this rainfall fell directly over the Prairie Dog Town Fork of the Red River basin. This resulted in minor flooding along the river.

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A portion of Farm to Market Road 1619 at the intersection of County Road 29A near Newlin that was washed away due to flash flooding. Photograph taken by Bruce Haynie.

SWISHER COUNTY --- 2.0 ENE TULIA [34.54, -101.74]				
	10/06/17 20:55 CST	0		Thunderstorm Wind (MG 58 kt)
	10/06/17 20:55 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Tulia recorded a wind gust to 67 mph.				
BRISCOE COUNTY --- 7.0 ESE SILVERTON [34.43, -101.19]				
	10/06/17 21:40 CST	0		Thunderstorm Wind (MG 55 kt)
	10/06/17 21:45 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Silverton measured a wind gust to 63 mph.				
LUBBOCK COUNTY --- 2.1 NE WOLFFORTH [33.52, -101.99]				
	10/06/17 22:00 CST	3K		Thunderstorm Wind (EG 52 kt)
	10/06/17 22:00 CST	0		Source: Law Enforcement
A power pole was blown over from thunderstorm winds causing a widespread power outage across the cities of Lubbock and Wolfforth.				
MOTLEY COUNTY --- 1.0 S NORTHFIELD [34.27, -100.60]				
	10/06/17 22:35 CST	0		Thunderstorm Wind (MG 56 kt)
	10/06/17 22:40 CST	0		Source: Mesonet

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

A line of severe thunderstorms developed from the Texas Panhandle through the central South Plains as a strong cold front interacted with an unseasonably moist and unstable airmass. Several severe wind gusts were reported across the extreme southern Texas Panhandle. Meanwhile, highly localized thunderstorm winds blew down a power pole along 82nd street near Alcove Avenue in Lubbock (Lubbock County). This caused a brief widespread power outage for the cities of Lubbock and Wolfforth.

COCHRAN COUNTY --- 14.5 S WHITEFACE [33.39, -102.61]

	10/21/17 16:10 CST	0	Thunderstorm Wind (MG 54 kt)
	10/21/17 16:10 CST	0	Source: Mesonet

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

YOAKUM COUNTY --- DENVER CITY [32.97, -102.85]

	10/21/17 16:32 CST	0	Hail (0.88 in)
	10/21/17 16:32 CST	0	Source: COOP Observer

High based thunderstorms developed out ahead of a fast moving and strong cold front during the evening of the 21st. One of these thunderstorms produced a severe wind gust to 62 mph at a Texas Tech University West Texas mesonet site 8 miles west-southwest of Sundown.