

Storm Data and Unusual Weather Phenomena - July 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
CHILDRESS COUNTY --- 2.0 NNE CHILDRESS [34.45, -100.19]				
	07/02/19 12:45 CST	0		Thunderstorm Wind (MG 52 kt)
	07/02/19 12:45 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Childress measured a wind gust to 60 mph.				
MOTLEY COUNTY --- 3.0 N ROARING SPGS [33.94, -100.85]				
	07/02/19 16:00 CST	0		Thunderstorm Wind (MG 58 kt)
	07/02/19 16:00 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Roaring Springs measured a wind gust to 67 mph.				
Widely scattered thunderstorms developed on the afternoon of the second. Some of these storms became severe in the extreme southeastern Texas Panhandle producing severe wind gusts reported by the Texas Tech University West Texas mesonet.				
COCHRAN COUNTY --- 1.0 ENE MORTON [33.73, -102.75]				
	07/03/19 17:25 CST	0		Thunderstorm Wind (MG 54 kt)
	07/03/19 17:25 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Morton measured a wind gust to 62 mph.				
COCHRAN COUNTY --- 14.6 S WHITEFACE [33.39, -102.61]				
	07/03/19 18:40 CST	0		Thunderstorm Wind (MG 51 kt)
	07/03/19 18:45 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Sundown measured a wind gust to 59 mph.				
YOAKUM COUNTY --- 7.0 WNW DENVER CITY [33.01, -102.96]				
	07/03/19 19:10 CST	0		Thunderstorm Wind (MG 51 kt)
	07/03/19 19:10 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Denver City measured a wind gust to 59 mph.				
YOAKUM COUNTY --- 3.0 N PLAINS [33.22, -102.83]				
	07/03/19 19:25 CST	0		Thunderstorm Wind (MG 61 kt)
	07/03/19 19:25 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Plains measured a wind gust to 70 mph.				
A weak short wave aloft moving overhead created pulse type convection on the afternoon of the third. Several of these thunderstorms developed severe wind gusts across the western South Plains.				
COCHRAN COUNTY --- 14.6 S WHITEFACE [33.39, -102.61]				
	07/06/19 20:10 CST	0		Thunderstorm Wind (MG 52 kt)
	07/06/19 20:10 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Sundown measured a wind gust to 60 mph.				
Widely scattered thunderstorms developed on the afternoon of the sixth across the South Plains. One of these storms became severe producing a severe wind gust to 60 mph at a Texas Tech University West Texas mesonet site near Sundown in Cochran County.				
MOTLEY COUNTY --- MATADOR [34.02, -100.82]				
	07/08/19 16:00 CST	0		Hail (0.88 in)
	07/08/19 16:05 CST	0		Source: Emergency Manager
MOTLEY COUNTY --- MATADOR [34.02, -100.82]				
	07/08/19 16:00 CST	0		Thunderstorm Wind (EG 52 kt)
	07/08/19 16:05 CST	0		Source: Emergency Manager

An emergency manager estimated wind gusts to 60 mph in the town of Matador. The strong winds were also accompanied by nickel size hail.

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Thunderstorms developed during the afternoon of the eighth along a diffuse dryline near the Interstate-27 corridor. Severe downdraft winds were observed in Matador (Motley County) along with hail to the size of nickels.

PARMER COUNTY --- 10.2 NW PARMERTON [34.67, -102.95]

	07/10/19 14:59 CST	0		Hail (1.00 in)
	07/10/19 14:59 CST	0		Source: COOP Observer

An NWS cooperative weather observer reported quarter size hail in Rhea.

LUBBOCK COUNTY --- LUBBOCK INTL ARPT [33.67, -101.82], 2.0 N LUBBOCK INTL ARPT [33.70, -101.82]

	07/10/19 15:44 CST	10K		Thunderstorm Wind (MG 68 kt)
	07/10/19 15:47 CST	0		Source: ASOS

The Automated Surface Observing System at Lubbock Preston Smith International Airport measured a wind gust to 78 mph at 1544 CST. At 1545 CST, an off duty NWS employee reported that sheet metal roofing had been blown into a field near County Road 2500 north of the ASOS.

LUBBOCK COUNTY --- 2.0 N (LBB)LUBBOCK INTL AR [33.70, -101.82], (LBB)LUBBOCK INTL AR [33.67, -101.82]

	07/10/19 15:47 CST	0		Hail (1.25 in)
	07/10/19 15:49 CST	0		Source: NWS Employee

Hail ranging from penny to half dollar size were reported at and around Lubbock Preston Smith International Airport.

Very hot temperatures on the afternoon of the tenth combined with a weak surface boundary to create thunderstorms. Although shear was weak, the very hot temperatures created the potential for strong downburst winds. The most significant thunderstorm occurred at and around Lubbock Preston Smith International Airport. A wind gust to 78 mph was observed by the Automated Surface Observing System (ASOS). Furthermore, sheet metal roofing was found in a field north of the reported severe wind gust.