

## Storm Data and Unusual Weather Phenomena - September 2021

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

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#### TERRY COUNTY --- 2.0 S BROWNFIELD [33.15, -102.28]

	09/02/21 18:56 CST	0		Thunderstorm Wind (MG 66 kt)
	09/02/21 18:57 CST	0		Source: Mesonet

A Texas Tech University West Texas mesonet site near Brownfield measured severe wind gusts from 1856 CST through 1857 CST. A peak wind gust of 76 mph was measured at 1856 CST.

**Isolated thunderstorms developed on the afternoon of the second under a very hot low level atmosphere. One of these storms produced a microburst near Brownfield (Terry County) as it moved over a Texas Tech University West Texas mesonet. A peak wind gust of 76 mph was measured by this mesonet near Brownfield.**

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#### LAMB COUNTY --- 1.0 NE AMHERST [34.03, -102.41]

	09/27/21 17:54 CST	0		Thunderstorm Wind (MG 53 kt)
	09/27/21 17:54 CST	0		Source: Mesonet

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

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#### LAMB COUNTY --- 1.0 NE AMHERST [34.03, -102.41]

	09/27/21 18:53 CST	0		Thunderstorm Wind (MG 57 kt)
	09/27/21 18:54 CST	0		Source: Mesonet

A Texas Tech University West Texas mesonet site near Amherst measured severe wind gusts from 1853 through 1854 CST. A peak wind gust of 66 mph was measured at 1853 CST.

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#### LUBBOCK COUNTY --- (LBB)LUBBOCK INTL AR [33.67, -101.82]

	09/27/21 19:55 CST	0		Thunderstorm Wind (MG 53 kt)
	09/27/21 19:55 CST	0		Source: ASOS

The automated surface observing system at Lubbock Preston Smith International Airport measured a severe wind gust of 61 mph.

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#### HALE COUNTY --- 5.0 ENE ABERNATHY [33.86, -101.77]

	09/27/21 19:58 CST	0		Thunderstorm Wind (MG 56 kt)
	09/27/21 20:02 CST	0		Source: Mesonet

A Texas Tech University West Texas mesonet site near Abernathy measured severe wind gusts from 1958 through 2002 CST. A peak wind gust of 65 mph was measured at 2000 CST.

**A closed low located over northwestern New Mexico provided large scale lift to the region during the day on the 27th. After mostly light rain shower activity in the morning and early afternoon, skies cleared across the southwestern South Plains which allowed ample instability to develop. Thunderstorms erupted within this area of instability that had developed and moved eastward through the late afternoon and evening hours. Inverted-V soundings allowed these storms to produce several severe wind gusts.**