

Storm Data and Unusual Weather Phenomena - February 2026

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

LUBBOCK COUNTY --- 3.9 SSW DOUD [33.52, -101.96], 0.8 ENE BURRIS [33.53, -101.77], 3.5 SE (LBB)LUBBOCK INTL AR [33.64, -101.77], 1.2 S BROADVIEW [33.63, -101.95]

	02/13/26 19:45 CST	0	Flash Flood (due to Heavy Rain)
	02/13/26 21:45 CST	0	Source: Mesonet

A cluster of mostly non-severe thunderstorms moved over the city of Lubbock early in the evening of the 13th. Abundant amounts of moisture in the atmosphere allowed for these storms to produce heavy rainfall over a short period of time. Several Texas Tech University West Texas mesonet sites within the city of Lubbock measured instantaneous rainfall rates of up to four inches per hour. These intense rainfall rates caused flash flooding on city streets for a brief period of time.

LUBBOCK COUNTY --- 2.0 NE SLATON [33.45, -101.63]

	02/13/26 19:47 CST	0	Thunderstorm Wind (MG 56 kt)
	02/13/26 19:50 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Slaton measured severe wind gusts from 1947 CST through 1950 CST. A peak wind gust of 65 mph was measured at 1947 CST.

A compact but strong upper level short wave trough tracked across Baja California on the afternoon of the 13th. Large scale ascent from an upper level jet streak interacted with abundant moisture streaming overhead at mid and upper levels of the atmosphere. Low level moisture streaming into the region combined with warm surface temperatures creating an unstable atmosphere by late afternoon. This resulted in scattered thunderstorms from late in the afternoon through the evening hours of the 13th. One of these storms produced severe winds near Slaton (Lubbock County). The abundant amount of moisture in the atmosphere also was able to produce heavy rainfall and flash flooding within the city of Lubbock (Lubbock County). Texas Tech University West Texas mesonet sites measured rainfall rates as high as four inches per hour.

(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z039) YOAKUM

	02/17/26 10:58 CST	0	High Wind (MAX 67 kt)
	02/17/26 16:55 CST	0	

(TX-Z029) HALE

	02/17/26 13:50 CST	0	Wildfire
	02/18/26 08:23 CST	0	

A powerful upper level storm system that spread eastward from the Intermountain West brought widespread high winds, blowing dust, and a few wildfires on the morning and afternoon of the 17th. Thick high level cloud cover early in the day initially prevented strong winds from developing. However, these clouds began to thin out and clear by late in the morning from west to east. This allowed surface winds to quickly ramp up where clearing occurred. Most observed severe wind gusts were between 58 and 65 mph, however, the Texas Tech University West Texas mesonet site near Olton measured a wind gust of 77 mph. These strong winds also lofted copious amounts of dust into the atmosphere which reduced visibility across the South Plains and extreme southern Texas Panhandle. Observed visibilities dropped as low as one half mile at times. The strong winds and dry conditions also brought favorable wildfire conditions. Several wildfires started across the region with one igniting near Plainview known as the Arbor fire. This wildfire burned approximately 600 acres before being contained which also damaged or destroyed several structures in Seth Ward (Hale County).

High wind reports from Texas Tech University West Texas mesonet sites are listed below:

- 77 mph at Olton (Lamb County),
- 65 mph at Tulia (Swisher County),
- 65 mph at Hart (Castro County),
- 64 mph at Dimmitt (Castro County),
- 64 mph at Lesley (Hall County),
- 63 mph at Turkey (Hall County),
- 62 mph at Earth (Lamb County),
- 62 mph at Ralls (Crosby County),
- 62 mph at Plainview (Hale County),
- 62 mph at Silverton (Briscoe County),
- 62 mph at Muleshoe (Bailey County),
- 61 mph at Plains (Yoakum County),
- 61 mph at Floydada (Floyd County),

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61 mph at Reese Center (Lubbock County),				
61 mph at Vigo Park (Swisher County),				
61 mph at Aiken (Hale County),				
60 mph at Happy (Swisher County),				
60 mph at Caprock Canyons State Park (Briscoe County),				
60 mph at South Plains (Floyd County),				
60 mph at Abernathy (Hale County),				
60 mph at Morton (Cochran County),				
60 mph at Anton (Hockley County),				
60 mph at Shallowater (Lubbock County),				
60 mph at Friona (Parmer County),				
60 mph at Amherst (Lamb County),				
59 mph at Smyer (Hockley County),				
59 mph at McAdoo (Dickens County),				
59 mph at Flomot (Motley County),				
59 mph at New Deal (Lubbock County),				
58 mph at Lubbock (Lubbock County),				
58 mph at Wolfforth (Lubbock County), and				
58 mph at Levelland (Hockley County).				

High wind reports from Automated Surface Observing Systems (ASOS) and Automated Weather Observing Systems (AWOS) are listed below:

73 mph at Lubbock International Airport (Lubbock County),
64 mph at Levelland Municipal Airport (Hockley County), and
58 mph at Plainview-Hale County Municipal Airport (Hale County).