

Storm Data and Unusual Weather Phenomena - August 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
LAMB COUNTY --- 6.0 S OLTON [34.09, -102.13]				
	08/10/25 18:37 CST		0	Thunderstorm Wind (MG 52 kt)
	08/10/25 18:37 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Olton measured a severe wind gust of 60 mph.				
Thunderstorms developed in eastern New Mexico on the afternoon of the tenth and propagated into West Texas on an outflow boundary. High cloud bases contributed to one of these storms producing a severe wind gust near Olton (Lamb County).				
HOCKLEY COUNTY --- 3.0 WSW LEVELLAND [33.56, -102.42]				
	08/11/25 17:16 CST		0	Hail (1.50 in)
	08/11/25 17:16 CST		0	Source: Broadcast Media
Local broadcast media relayed a report of ping pong ball size hail near Levelland.				
LUBBOCK COUNTY --- (LBB)LUBBOCK INTL AR [33.67, -101.82]				
	08/11/25 17:26 CST		0	Thunderstorm Wind (MG 51 kt)
	08/11/25 17:26 CST		0	Source: ASOS
The Automated Surface Observing System at Lubbock International Airport measured a severe wind gust of 59 mph.				
HALL COUNTY --- 2.0 S LESLEY [34.64, -100.80]				
	08/11/25 21:00 CST		0	Thunderstorm Wind (MG 63 kt)
	08/11/25 21:12 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Lesley measured severe wind gusts from 2100 CST through 2112 CST. A peak gust of 72 mph was measured at 2112 CST.				
CASTRO COUNTY --- 3.0 N HART [34.42, -102.12]				
	08/11/25 22:45 CST		0	Thunderstorm Wind (MG 56 kt)
	08/11/25 22:49 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Hart measured severe wind gusts from 2245 CST through 2249 CST. A peak wind gust of 65 mph was measured at 2246 CST.				
Increased deep layer wind shear along with an approaching mid-level short wave trough initiated and created a few organized thunderstorms from the late afternoon through evening hours across the South Plains and extreme southern Texas Panhandle. The initial isolated thunderstorm activity over the South Plains produced hail as large as ping pong ball size and a severe wind gust. During the late evening hours, a convectively reinforced front moving southward across the southern Texas Panhandle led to more scattered thunderstorm activity. Relatively dry sub-cloud layers allowed this late evening activity to produce several severe wind gusts in the extreme southern Texas Panhandle.				
LUBBOCK COUNTY --- 5.0 NNW WOODROW [33.52, -101.85], 5.0 ESE REESE VLG [33.57, -101.94]				
	08/17/25 15:30 CST		0	Thunderstorm Wind (MG 67 kt)
	08/17/25 16:28 CST		0	Source: Mesonet
A swath of severe winds and wind damage occurred across the city of Lubbock from near All Saints Episcopal School to Lubbock Christian University . Several Texas Tech University West Texas mesonet sites within the city of Lubbock reported severe wind gusts from 1530 CST through 1628 CST. A peak wind gust of 77 mph was measured at 1623 CST on the campus of Lubbock Christian University . Additionally, a roof was blown off of an apartment complex near the intersection of 66th Street and Quaker Avenue.				
LUBBOCK COUNTY --- 3.7 SSE DOUD [33.52, -101.90], 3.4 NW LUBBOCK AIRPARK [33.51, -101.87], 3.1 SSE LUBBOCK [33.54, -101.84], 2.8 NW LUBBOCK [33.61, -101.88], 2.8 NNE DOUD [33.61, -101.91], 0.3 NNE WEST CARLISLE [33.58, -101.95]				
	08/17/25 16:00 CST		0	Flash Flood (due to Heavy Rain)
	08/17/25 17:30 CST		0	Source: Law Enforcement
Numerous reports were received of flash flooding within the city of Lubbock from law enforcement and members of the public. An intense thunderstorm slowly moved from southeast to northwest across the city of Lubbock producing heavy rainfall. Texas Tech University West Texas mesonet sites in the city of Lubbock recorded over an inch of rainfall in less than 20 minutes.				

Storm Data and Unusual Weather Phenomena - August 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HALL COUNTY --- 2.0 WSW TURKEY [34.39, -100.91], TURKEY [34.40, -100.88]				
	08/17/25 16:23 CST		0	Thunderstorm Wind (MG 53 kt)
	08/17/25 16:39 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Turkey measured a wind gust of 61 mph at 1623 CST. A few minutes later at 1639 CST, an emergency manager reported numerous trees and fences blown over in the town of Turkey .

Isolated to widely scattered thunderstorms developed on the afternoon of the 17th with convective temperatures breached by mid-afternoon. Although the environment was not favorable for severe storms with warm mid-level temperatures, a relatively dry sub-cloud layer allowed a few of these storms to produce severe wind gusts. The most notable storm occurred over the city of Lubbock where a peak wind gust of 77 mph was recorded. This storm also damaged an apartment complex in the city of Lubbock by ripping off the roof. The high amounts of moisture within the cloud bearing layer also allowed these storms to create heavy rainfall which caused flash flooding in the city of Lubbock.

HOCKLEY COUNTY --- 4.0 S LEVELLAND [33.52, -102.37]				
	08/18/25 16:26 CST		0	Thunderstorm Wind (MG 55 kt)
	08/18/25 16:26 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Levelland measured a wind gust of 63 mph.

For a second consecutive afternoon, isolated to scattered thunderstorms developed across the South Plains and Rolling Plains regions. The atmosphere was generally not favorable for severe weather but a relatively dry sub-cloud layer allowed one storm to become severe producing a severe wind gust. Although most storms did not produce severe weather, one storm did produce a severe wind gust near Levelland (Hockley County).

HALE COUNTY --- 6.0 ENE ABERNATHY [33.86, -101.75]				
	08/30/25 18:51 CST		0	Thunderstorm Wind (MG 53 kt)
	08/30/25 18:53 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Abernathy measured severe wind gusts from 1851 CST through 1853 CST. A peak wind gust of 61 mph was measured at 1851 CST.

LUBBOCK COUNTY --- 6.0 E NEW DEAL [33.73, -101.73], 4.0 E LUBBOCK [33.58, -101.78]				
	08/30/25 19:15 CST		0	Thunderstorm Wind (MG 58 kt)
	08/30/25 19:33 CST		0	Source: ASOS

A swath of severe thunderstorm winds occurred from north-central Lubbock County near New Deal spreading southward to the east side of the city of Lubbock from 1915 CST through 1933 CST. Texas Tech University West Texas mesonet sites near New Deal and Lubbock measured wind gusts to 65 mph. The Automated Surface Observing Station at Lubbock International Airport measured a wind gust to 67 mph. Additionally, power outages were reported near the intersection of Farm to Market Road 1294 and University Avenue after the storm had passed.

Strong heating on the afternoon of the 30th combined with a weak upper level disturbance moving across the Central and Southern Plains creating scattered thunderstorms. One of these thunderstorms became particularly intense as it moved southward from Hale into Lubbock County. This storm produced a swath of severe thunderstorm winds from south-central Hale County into central Lubbock County. Power outages were reported near Lubbock International Airport as the storm went through the area.