

Storm Data and Unusual Weather Phenomena - May 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
YOAKUM COUNTY --- 5.3 N DENVER CITY ARPT [33.05, -102.82]				
	05/04/25 17:50 CST		0	Hail (1.50 in)
	05/04/25 17:50 CST		0	Source: Law Enforcement
Law enforcement in Yoakum County reported ping pong ball size hail between Denver City and Plains along Texas State Highway 214.				
Scattered thunderstorms developed in eastern New Mexico on the afternoon of the fourth in advance of a large upper level storm system in the southwestern United States. Strong atmospheric instability in eastern New Mexico quickly dropped off in West Texas with a lack of rich low level moisture. However, one thunderstorm was able to be maintained as it crossed into Yoakum County producing large hail.				
LAMB COUNTY --- 4.0 N SUDAN [34.13, -102.52], 4.3 NNE SUDAN [34.13, -102.51], 3.6 NNE SUDAN [34.12, -102.51], 3.4 N SUDAN [34.12, -102.52]				
	05/06/25 01:30 CST		0	Flash Flood (due to Heavy Rain)
	05/06/25 03:30 CST		0	Source: Storm Chaser
Widespread rain showers and thunderstorms developed over the South Plains region early in the morning of the sixth ahead of an upper level storm system. Moderate to heavy rain persisted for approximately two hours causing flooding of area roadways in and around Sudan reported by a storm chaser. A portion of Farm to Market Road 303 was inundated with water north of Sudan.				
LUBBOCK COUNTY --- 2.9 NW SHALLOWATER ARPT [33.71, -102.04], 4.2 WSW HECKVILLE [33.72, -101.73], 1.8 SW POSEY [33.46, -101.72], 2.1 WSW WOLFFORTH [33.49, -102.05]				
	05/06/25 01:30 CST		0	Flash Flood (due to Heavy Rain)
	05/06/25 04:30 CST		0	Source: Public
Widespread rain showers and thunderstorms developed over the South Plains region early in the morning of the sixth ahead of an upper level storm system. Moderate to heavy rain persisted for approximately two hours causing flooding of area roadways in and around the city of Lubbock. A portion of Farm to Market Road 835 was closed because it was inundated with water upstream of Buffalo Springs Lake .				
An upper level storm system approached the region on the fifth into the morning hours of the sixth bringing widespread heavy rainfall and thunderstorms to the region. At the same time, a cold front moved through the area with significant moist ascent above the frontal zone. Most of the rainfall occurred within only a two hours period early in the morning on the sixth but was enough to cause flash flooding around the area. Several area roadways became inundated by water and impassable.				
PARMER COUNTY --- 5.9 SE FRIONA BENDER ARPK [34.59, -102.60]				
	05/06/25 15:13 CST		0	Hail (1.00 in)
	05/06/25 15:13 CST		0	Source: Storm Chaser
A storm chaser reported quarter size hail southeast of Friona along Farm to Market Road 1172.				
CASTRO COUNTY --- 5.5 WNW DIMMITT MUNI ARPT [34.61, -102.41], 3.4 NW DIMMITT MUNI ARPT [34.61, -102.36]				
	05/06/25 15:43 CST		0	Hail (1.25 in)
	05/06/25 15:57 CST		0	Source: State Official
A storm chaser reported a swath of hail northwest of Dimmitt ranging in size from pennies to half dollar size.				
(TX-Z039) YOAKUM				
	05/06/25 16:31 CST		0	High Wind (MAX 51 kt)
	05/06/25 16:31 CST		0	
CASTRO COUNTY --- 4.0 NW HART [34.42, -102.17]				
	05/06/25 17:31 CST		0	Hail (0.75 in)
	05/06/25 17:31 CST		0	Source: Public
CROSBY COUNTY --- LORENZO [33.67, -101.53]				
	05/06/25 17:35 CST		0	Thunderstorm Wind (EG 52 kt)
	05/06/25 17:35 CST		0	Source: Broadcast Media
Local broadcast media relayed a report that a brick facade of an abandoned building was blown down by thunderstorm winds.				

Storm Data and Unusual Weather Phenomena - May 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CROSBY COUNTY --- LORENZO [33.67, -101.53]				
	05/06/25 17:38 CST		0	Hail (1.00 in)
	05/06/25 17:38 CST		0	Source: Public
A report from the public was received of quarter size hail in Lorenzo.				
CROSBY COUNTY --- 1.4 WSW CROSBYTON [33.66, -101.27]				
	05/06/25 18:09 CST		0	Hail (1.00 in)
	05/06/25 18:09 CST		0	Source: COOP Observer
An NWS cooperative weather observer reported quarter size hail near Crosbyton.				
HALE COUNTY --- 1.0 WNW PLAINVIEW [34.21, -101.72]				
	05/06/25 18:19 CST		0	Hail (0.75 in)
	05/06/25 18:19 CST		0	Source: Public
An upper level low pressure system that brought severe thunderstorms and heavy rainfall to the region over the past several days lifted northeastward into the Texas Panhandle on the afternoon of the sixth. Weak instability developed during the afternoon across the South Plains which allowed relatively low topped thunderstorms to develop. Despite the shallow thunderstorm depth, very cold air aloft in close proximity to the upper level low allowed these thunderstorms to become severe producing severe hail and damaging winds.				
(TX-Z022) CASTRO, (TX-Z025) HALL, (TX-Z027) BAILEY, (TX-Z029) HALE, (TX-Z041) LYNN				
	05/19/25 14:19 CST		0	High Wind (MAX 61 kt)
	05/19/25 16:53 CST		0	
A strong upper level storm system approaching the area combined with strong surface winds to create severe wind gusts on the afternoon of the 19th. A Pacific cold front moved through the area early in the day bringing gusty westerly winds to the region. The approaching upper level storm system brought strong lift overhead but moisture was limited to the mid-levels of the atmosphere. As a result, virga showers developed underneath a deeply mixed boundary layer. These virga showers combined with the already strong surface winds to create isolated severe wind gusts across the region. Additionally, a dust devil moved over the Texas Tech University West Texas mesonet site at O'Donnell (Lynn County) creating a severe wind gust.				
High wind gusts from the Texas Tech University West Texas mesonet are listed below:				
70 mph at O'Donnell (Lynn County), 68 mph at Muleshoe (Bailey County), 61 mph at Aiken (Hale County), 60 mph at Memphis (Hall County), and 59 mph at Dimmitt (Castro County).				
CROSBY COUNTY --- 0.8 NE KALGARY [33.41, -101.14]				
	05/22/25 15:00 CST		0	Hail (1.25 in)
	05/22/25 15:00 CST		0	Source: Broadcast Media
Local broadcast media relayed a report of hail up to half dollar size near Calgary.				
A very hot atmosphere on the afternoon of the 22nd combined with a variety of surface boundaries creating isolated thunderstorms, mostly east of the caprock escarpment. Although cloud bases were very high, ample instability in mid-levels of the atmosphere allowed storms to quickly become severe with large hail. One storm in southeastern Crosby County produced hail up to half dollar size. Several other thunderstorms likely produced severe hail but no reports were received.				
(TX-Z037) DICKENS				
	05/24/25 18:54 CST		0	Strong Wind (MAX 48 kt)
	05/24/25 18:54 CST		0	
DICKENS COUNTY --- 1.0 W SPUR [33.48, -100.87]				
	05/24/25 19:05 CST		0	Thunderstorm Wind (MG 53 kt)
	05/24/25 19:05 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Spur measured a wind gust to 61 mph.				
KING COUNTY --- 10.0 WSW GUTHRIE [33.56, -100.49]				

Storm Data and Unusual Weather Phenomena - May 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/24/25 19:52 CST		0	Thunderstorm Wind (MG 58 kt)
	05/24/25 19:59 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Guthrie measured severe wind gusts from 1952 CST through 1959 CST. A peak wind gust of 67 mph was measured at 1959 CST.

GARZA COUNTY --- 5.4 SSW GRAHAM CHAPEL [33.08, -101.52]				
	05/24/25 20:19 CST		0	Thunderstorm Wind (MG 52 kt)
	05/24/25 20:19 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Graham measured a severe wind gust of 60 mph.

STONEWALL COUNTY --- 3.0 NE ASPERMONT [33.18, -100.19]				
	05/24/25 21:02 CST		0	Thunderstorm Wind (MG 53 kt)
	05/24/25 21:02 CST		0	Source: Mesonet

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

A very hot and unstable atmosphere across the Rolling Plains east of a dryline allowed scattered thunderstorms to develop. At the same time, a convectively reinforced cold front was moving southward through the southern Texas Panhandle. Upper level ridging and a strong cap kept thunderstorms from becoming widespread and did not develop until early in the evening. A well mixed boundary layer within the hot surface temperatures allowed these storms to produce several severe wind gusts.

MOTLEY COUNTY --- 2.1 WSW WHITEFLAT [34.09, -100.92], 0.8 SW WHITEFLAT [34.09, -100.89]				
	05/25/25 13:07 CST		0	Hail (1.50 in)
	05/25/25 13:28 CST		0	Source: Storm Chaser

A swath of hail was observed by numerous storm chasers along Ranch Road 2999 east of Texas State Highway 70 northwest of Matador. Hail ranged in size from quarters to ping pong ball size.

MOTLEY COUNTY --- 9.3 WSW MATADOR [33.99, -100.98], 8.7 WSW MATADOR [33.99, -100.97]				
	05/25/25 14:04 CST		0	Hail (3.00 in)
	05/25/25 14:11 CST		0	Source: Storm Chaser

Numerous storm chasers reported a swath of extremely large hail west of Matador along US Highway 62/70. Hail ranged in size from quarter size to three inches in diameter. No damage was included with the reports.

MOTLEY COUNTY --- 7.8 W ROARING SPGS [33.91, -100.99], 6.7 W ROARING SPGS [33.91, -100.97]				
	05/25/25 14:43 CST		0	Hail (2.75 in)
	05/25/25 14:49 CST		0	Source: Storm Chaser

Numerous storm chasers reported a swath of extremely large hail along Farm to Market Road 684 west of Roaring Springs. Hail ranged in size from two inches in diameter to baseball size. No damage was included with the reports.

MOTLEY COUNTY --- 2.1 WNW ROARING SPGS [33.91, -100.88], 1.1 WNW ROARING SPGS [33.91, -100.87]				
	05/25/25 15:02 CST		0	Hail (1.50 in)
	05/25/25 15:09 CST		0	Source: Storm Chaser

Several storm chasers and an NWS cooperative weather observer reported a swath of hail in the immediate vicinity of Roaring Springs. Hail ranged in size from quarters to golf ball size.

MOTLEY COUNTY --- 1.0 NE MATADOR [34.03, -100.81]				
	05/25/25 15:15 CST		0	Hail (1.50 in)
	05/25/25 15:15 CST		0	Source: COOP Observer

An NWS cooperative weather observer reported ping pong ball size hail on the northeast side of Matador.

MOTLEY COUNTY --- 3.0 SW ROARING SPGS [33.87, -100.89], 2.6 ESE ROARING SPGS [33.88, -100.81], 5.0 SSE ROARING SPGS [33.84, -100.81], 4.8 SSW ROARING SPGS [33.84, -100.89]				
	05/25/25 15:30 CST		0	Flash Flood (due to Heavy Rain)
	05/25/25 20:30 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - May 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Two supercell thunderstorms merged south of Roaring Springs near Texas State Highway 70. The combined supercell remained nearly stationary over this area for approximately 30 minutes consistently dropping very heavy rainfall before moving eastward. After the initial supercell thunderstorm moved east, additional thunderstorm development upstream moved over the same area bringing further heavy rainfall. The heavy rain mostly affected the Roaring Springs Ranch Club. Water was reported over the roadway along Texas State Highway 70 at the South Pease River (Tongue River) intersection. There was an unknown amount of damage reported within the ranch club as well as water over the highway.				
DICKENS COUNTY --- 0.2 SE GLENN [33.78, -100.85], 4.3 ENE AFTON [33.78, -100.73]				
	05/25/25 15:33 CST		0	Hail (6.00 in)
	05/25/25 15:56 CST		0	Source: Storm Chaser
Numerous storm chasers reported a swath of hail that began just north of Afton on Texas State Highway 70 and continued for several miles eastward. Hail ranged in size from two inches in diameter to as large as six inches in diameter. Photographic evidence was posted on social media of a six inch hailstone. No damage was reported at the time.				
DICKENS COUNTY --- 7.3 ENE AFTON [33.79, -100.68], 8.0 ENE AFTON [33.79, -100.67]				
	05/25/25 15:53 CST		0	Tornado (EFU, L: 0.70 mi , W: 30 yd)
	05/25/25 15:54 CST		0	Source: Storm Chaser
A storm chaser posted a photograph on social media of a brief tornado over open ranch land.				
DICKENS COUNTY --- 14.5 E AFTON [33.78, -100.55]				
	05/25/25 16:17 CST		0	Hail (1.00 in)
	05/25/25 16:17 CST		0	Source: Storm Chaser
A storm chaser reported quarter size hail near Dumont.				
STONEWALL COUNTY --- 3.0 NE ASPERMONT [33.18, -100.19]				
	05/25/25 16:58 CST		0	Thunderstorm Wind (MG 57 kt)
	05/25/25 17:04 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Aspermont measured severe wind gusts from 1658 CST through 1704 CST. A peak wind gust of 66 mph was measured at 1704 CST.				
KING COUNTY --- 4.1 N GUTHRIE 6666 ARPT [33.69, -100.35], 2.7 SE FINNEY [33.76, -100.34]				
	05/25/25 17:04 CST		0	Thunderstorm Wind (EG 61 kt)
	05/25/25 17:08 CST		0	Source: Storm Chaser
Several storm chasers reported a swath of broken power poles along US Highway 83 north of Guthrie following the passage of a thunderstorm.				
DICKENS COUNTY --- 3.4 SSW MC ADOO [33.68, -101.00]				
	05/25/25 17:14 CST		0	Hail (0.75 in)
	05/25/25 17:14 CST		0	Source: Storm Chaser
STONEWALL COUNTY --- 2.6 ESE ASPERMONT [33.13, -100.19]				
	05/25/25 17:16 CST		0	Hail (1.75 in)
	05/25/25 17:16 CST		0	Source: Storm Chaser
A storm chaser reported golf ball size hail east of Aspermont along US Highway 380.				
BRISCOE COUNTY --- 6.0 NW SILVERTON [34.52, -101.38], 10.3 NW SILVERTON [34.57, -101.44]				
	05/25/25 17:20 CST		0	Hail (1.50 in)
	05/25/25 17:32 CST		0	Source: Social Media
Several photographs on social media depicted a swath of hail northwest of Silverton near Mackenzie Reservoir along Texas State Highway 207.				
STONEWALL COUNTY --- 2.5 W OLD GLORY [33.13, -100.09], 2.1 NNE OLD GLORY [33.16, -100.04], 2.3 ENE OLD GLORY [33.14, -100.01], 2.2 SW OLD GLORY [33.11, -100.08]				
	05/25/25 18:00 CST		0	Flash Flood (due to Heavy Rain)
	05/25/25 21:00 CST		0	Source: Public
Slow moving and repeated rounds of thunderstorms in and around Old Glory brought an extended period of heavy rainfall. A report from mPing indicated water over the roadway along US Highway 380.				

Storm Data and Unusual Weather Phenomena - May 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STONEWALL COUNTY --- 1.4 SSE OLD GLORY [33.11, -100.04]				
	05/25/25 18:18 CST		0	Hail (1.25 in)
	05/25/25 18:18 CST		0	Source: Public
A report was received on mPing of half dollar size hail near Old Glory.				
LUBBOCK COUNTY --- 2.0 W LUBBOCK [33.58, -101.88]				
	05/25/25 18:36 CST		0	Hail (0.75 in)
	05/25/25 18:36 CST		0	Source: Public
LAMB COUNTY --- 1.0 NE AMHERST [34.03, -102.41]				
	05/25/25 18:42 CST		0	Thunderstorm Wind (MG 70 kt)
	05/25/25 18:44 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Amherst measured severe wind gusts from 1842 CST through 1844 CST. A peak wind gust of 81 mph was measured at 1843 CST.				
CROSBY COUNTY --- 2.0 ENE WHITE RIVER LAKE [33.47, -101.06]				
	05/25/25 19:23 CST		0	Hail (1.75 in)
	05/25/25 19:23 CST		0	Source: Emergency Manager
An emergency management official with White River Lake reported golf ball size hail on the east side of the lake.				
LAMB COUNTY --- 1.0 S OLTON [34.17, -102.13], 3.0 E OLTON [34.18, -102.08]				
	05/25/25 19:28 CST		0	Hail (3.00 in)
	05/25/25 19:37 CST		0	Source: Broadcast Media
Local broadcast media relayed reports of a swath of hail from Olton to three miles east of Olton. Hail ranged in sizes from two inches in diameter to three inches in diameter. At least one car windshield was destroyed in a photograph.				
LUBBOCK COUNTY --- 3.5 N POSEY [33.53, -101.69]				
	05/25/25 19:28 CST		0	Hail (0.88 in)
	05/25/25 19:28 CST		0	Source: Trained Spotter
LAMB COUNTY --- 6.0 S OLTON [34.09, -102.13]				
	05/25/25 19:32 CST		0	Thunderstorm Wind (MG 50 kt)
	05/25/25 19:33 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Olton measured severe wind gusts of 58 mph from 1932 CST through 1933 CST.				
LUBBOCK COUNTY --- SLATON [33.43, -101.65]				
	05/25/25 20:27 CST		0	Hail (0.75 in)
	05/25/25 20:27 CST		0	Source: COOP Observer
<p>A short wave trough moving out of northern Mexico into the Southern High Plains brought widespread and intense convection to the South Plains and Rolling Plains of West Texas on the afternoon and evening of the 25th. This short wave trough brought the necessary large scale ascent that was missing the past several days to create the more widespread activity on the 25th. At the same time, a slow moving cold front was moving southward through the southern Texas Panhandle and a dryline was positioned across the central South Plains. Very warm temperatures in the 90s allowed for rapid destabilization of the atmosphere underneath a weak cap. The cap would be overcome early in the afternoon due to the strong heating. A very moist lower atmosphere also allowed for mixed layer instability values to rise in excess of 2500 J/kg. This led to explosive convective development beginning early in the afternoon. Areas across the Rolling Plains saw a majority of the severe weather this day including a hail stone estimated to be six inches in diameter near Afton (Dickens County). Several swaths of up to baseball size hail were observed across the region. The same storm that produced gargantuan hail also produced severe winds destroying several power poles along US Highway 83 north of Guthrie (King County). A brief tornado was also observed over open ranch land in Dickens County with this supercell thunderstorm. A storm merger in southern Motley County brought extremely heavy rainfall near the Roaring Springs Ranch Club near Texas Highway State 70. As a result, rapid runoff allowed water to flow within the South Pease River (Tongue River) in southern Motley County and was reportedly over the road where this river met Texas State Highway 70.</p>				
HALL COUNTY --- 5.0 W MEMPHIS [34.72, -100.62], MEMPHIS [34.72, -100.53]				

Storm Data and Unusual Weather Phenomena - May 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/26/25 19:40 CST		0	Hail (1.75 in)
	05/26/25 19:55 CST		0	Source: Law Enforcement

Law enforcement officials reported a swath of hail from approximately five miles west of Memphis into the town of Memphis . Hail ranged in size from half dollars to golf ball size.

YOAKUM COUNTY --- PLAINS [33.18, -102.83]				
	05/26/25 20:24 CST		0	Thunderstorm Wind (EG 52 kt)
	05/26/25 20:24 CST		0	Source: Law Enforcement

Law enforcement in Yoakum County reported widespread power outages in the town of Plains due to blown down power poles.

TERRY COUNTY --- 6.0 SW BROWNFIELD [33.12, -102.35], 3.6 NE FOSTER [33.11, -102.25]				
	05/26/25 21:15 CST		0	Hail (1.75 in)
	05/26/25 21:25 CST		0	Source: Broadcast Media

Local broadcast media relayed a report of a swath of hail south of Brownfield ranging in size from half dollar size to golf ball size.

Isolated severe thunderstorms developed in eastern New Mexico on the afternoon of the 26th and moved into West Texas late in the evening. Lower level atmospheric flow became more northeasterly this day leading to cooler temperatures and less surface based instability than observed in previous days. This upslope flow regime promoted the development of thunderstorms in eastern New Mexico and then propagated into West Texas late in the evening. A few of these storms became severe with abundant elevated instability still present. One severe storm moved across northern Hall County producing golf ball size hail. A second severe storm moved across Yoakum County producing wind damage and then golf ball size hail once it moved into Terry County.

(TX-Z034) HOCKLEY, (TX-Z040) TERRY				
	05/29/25 14:15 CST		0	Strong Wind (MAX 48 kt)
	05/30/25 14:19 CST		0	

HOCKLEY COUNTY --- 2.0 NW ROPESVILLE [33.44, -102.17], 2.0 W ROPESVILLE [33.42, -102.18]				
	05/29/25 15:15 CST		0	Hail (1.50 in)
	05/29/25 15:28 CST		0	Source: Trained Spotter

A hail research team reported ping pong ball size hail northwest of Ropesville . Additionally, a trained weather spotter reported quarter size hail to the west of Ropesville.

TERRY COUNTY --- 3.6 SSE NEEDMORE [33.27, -102.31], 9.0 WNW BROWNFIELD [33.23, -102.42]				
	05/29/25 15:58 CST		0	Hail (3.50 in)
	05/29/25 16:02 CST		0	Source: Storm Chaser

Numerous reports from storm chasers indicated a swath of hail from approximately six miles north of Brownfield to nine miles west-northwest of Brownfield. Hail ranged in size from tennis ball size to 3.50 inches in diameter. No damage was reported at the time.

TERRY COUNTY --- BROWNFIELD [33.18, -102.28], 2.0 N UNION [33.06, -102.23]				
	05/29/25 16:17 CST		0	Hail (1.75 in)
	05/29/25 16:38 CST		0	Source: Broadcast Media

Local broadcast media relayed a report of hail in Brownfield ranging in size from half dollar to ping pong ball size. Additional reports of golf ball size hail were received along Texas State Highway 137 between Brownfield and Union.

On the afternoon of the 29th, a cold front was slowly sagging southward across the South Plains of West Texas. Very cool temperatures were observed north of the front, however, south of the front, a very moist and warm atmosphere existed. As thunderstorms initially developed over Hockley County, several landspout tornadoes were observed in vicinity of the southward moving cold front. Despite minimal large scale ascent, thunderstorms were able to rapidly intensity underneath a very unstable atmosphere. Hail became as large as 3.50 inches in diameter with these thunderstorms over Terry County.