

Storm Data and Unusual Weather Phenomena - May 2023

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

BAILEY COUNTY --- MULESHOE [34.22, -102.73]

05/10/23 22:59 CST	0	Hail (1.00 in)
05/10/23 22:59 CST	0	Source: Law Enforcement

Law enforcement in Muleshoe reported quarter size hail as an isolated thunderstorm moved over the city.

COCHRAN COUNTY --- 1.0 ENE MORTON [33.73, -102.75]

05/11/23 00:02 CST	0	Thunderstorm Wind (MG 58 kt)
05/11/23 00:02 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Morton measured a severe wind gust of 67 mph.

The approach of an upper level storm system through the Four Corners, in combination with a gradual return of Gulf of Mexico moisture, combined with a tightening dryline and lifting warm front to trigger scattered thunderstorms late on the 10th. Thunderstorms initially developed across parts of eastern New Mexico Thursday afternoon, then formed closer to the Texas/New Mexico state line in the evening. These scattered thunderstorms were occasionally on the strong side, bringing gusty winds, small hail, and brief heavy rain to parts of the northwestern South Plains and western Texas Panhandle through the late evening hours. The approach of a Pacific cold front, along with stronger lift from the upper level storm system, led to the rapid development of a line of storms near the Texas/New Mexico state line around midnight. This line of storms swept eastward across much of the South Plains through the overnight hours before fading.

GARZA COUNTY --- 5.5 SSW GRAHAM CHAPEL [33.08, -101.52]

05/12/23 17:26 CST	0	Thunderstorm Wind (MG 54 kt)
05/12/23 17:27 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Graham measured severe wind gusts from 1726 CST through 1727 CST. A peak wind gust of 62 mph was measured at 1726 CST.

(TX-Z038) KING

05/12/23 20:52 CST	0	High Wind (MAX 57 kt)
05/12/23 22:01 CST	0	

Hot temperatures, coupled with a dryline, triggered widespread thunderstorm development on the afternoon of the 12th. Strong instability and the relatively hot and dry low levels of the atmosphere promoted strong wind gusts and pockets of small hail with the most intense activity, though relatively weak vertical wind shear kept severe storms from lasting very long. One storm did manage to generate a 62 mph wind gust near Graham (Garza County). A broad area of light to moderate rain evolved over the southern Rolling Plains during the evening hours. A wake low formed at the back edge of the precipitation shield generating severe wind gusts near Guthrie (King County) for about one hour.

High wind gusts from the wake low event are listed below from the Texas Tech University West Texas mesonet:

66 mph at Guthrie (King County).

SWISHER COUNTY --- 1.0 E HAPPY [34.73, -101.83]

05/18/23 21:17 CST	0	Thunderstorm Wind (MG 51 kt)
05/18/23 21:17 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Happy measured a wind gust of 59 mph.

Ample moisture and lift from a weak short wave combined to generate scattered thunderstorms over the central and southern Texas Panhandle on the afternoon and evening of the 18th. Numerous severe storms were reported in the central Texas Panhandle with this activity. A strong outflow boundary made its way south into the extreme southern Texas Panhandle late in the evening. This thunderstorm outflow boundary produced a severe wind gust near Happy (Swisher County).

COCHRAN COUNTY --- 8.3 S BLEDSOE [33.50, -103.03]

05/19/23 17:50 CST	0	Thunderstorm Wind (EG 52 kt)
05/19/23 17:50 CST	0	Source: Storm Chaser

A storm chaser estimated wind gusts up to 60 mph along Farm to Market Road 1585 near the Texas/New Mexico state line in Cochran County.

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On the morning of the 19th, a cold front moved through the area shifting winds to the northeast across the region into eastern New Mexico. Thunderstorms initially developed on the higher terrain of eastern New Mexico where low level upslope flow was maximized. Westerly flow aloft allowed storms to drift to the east towards West Texas during the afternoon and evening hours. Instability values of up to 1000 J/kg and deep layer shear in excess of 40 knots allowed one storm to become severe as it tracked into the southwestern South Plains. A storm chaser estimated wind gusts up to 60 mph near the inflow region of the thunderstorm.

HALE COUNTY --- 8.4 SE SETH WARD [34.14, -101.57]

05/21/23 19:56 CST	0	Thunderstorm Wind (MG 51 kt)
05/21/23 19:56 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Aiken measured a wind gust to 59 mph.

After a cold front brought cooler and drier conditions on the 20th, moisture returned to the region on the afternoon of the 21st which fueled scattered showers and thunderstorms. An increase in the wind fields aloft allowed for some storms to produce gusty surface winds. One storm did produce a 59 mph wind gust near the Hale/Floyd County line.

HALL COUNTY --- 1.0 NE MEMPHIS [34.73, -100.52]

05/22/23 14:25 CST	0	Thunderstorm Wind (MG 53 kt)
05/22/23 14:25 CST	0	Source: Mesonet

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

HALL COUNTY --- 1.0 E MEMPHIS [34.72, -100.51]

05/22/23 14:29 CST	0	Hail (2.00 in)
05/22/23 14:29 CST	0	Source: Social Media

A photograph of two inch size hail was sent to the NWS office in Lubbock via social media. No damage was reported.

SWISHER COUNTY --- 2.7 NNE KRESS [34.40, -101.73]

05/22/23 14:39 CST	0	Hail (1.75 in)
05/22/23 14:39 CST	0	Source: COOP Observer

An NWS cooperative weather observer reported golf ball size hail northeast of Kress.

CHILDRESS COUNTY --- 5.5 SSE ARLIE [34.64, -100.05]

05/22/23 14:50 CST	0	Hail (2.00 in)
05/22/23 14:50 CST	0	Source: Public

A report from the public was received of hail up to two inches in size in rural northeastern Childress County. No damage was reported.

SWISHER COUNTY --- 10.7 ESE EUNICE [34.43, -101.58]

05/22/23 15:00 CST	0	Hail (1.00 in)
05/22/23 15:00 CST	0	Source: NWS Employee

An off duty NWS employee reported quarter size hail in rural eastern Swisher County.

HALE COUNTY --- 0.5 SW FURGUSON STA [34.12, -101.76]

05/22/23 15:09 CST	0	Hail (1.75 in)
05/22/23 15:09 CST	0	Source: Public

A member of the public reported golf ball size hail on Interstate 27 between Plainview and Hale Center.

HALL COUNTY --- 8.9 SSE TAMPICO [34.36, -100.68]

05/22/23 15:43 CST	0	Hail (1.25 in)
05/22/23 15:43 CST	0	Source: Storm Chaser

A storm chaser reported half dollar size hail in rural southern Hall County.

HALE COUNTY --- 0.8 W HALE CENTER [34.07, -101.84]

05/22/23 15:45 CST	0	Hail (1.75 in)
05/22/23 15:45 CST	0	Source: Public

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A member of the public reported golf ball size hail in Hale Center.				
MOTLEY COUNTY --- 0.6 S NORTHFIELD [34.27, -100.60]				
	05/22/23 16:05 CST	0		Thunderstorm Wind (MG 56 kt)
	05/22/23 16:08 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Northfield measured severe wind gusts from 1605 CST through 1608 CST. A peak wind gust of 64 mph was measured at 1608 CST.				
HALL COUNTY --- 10.5 SSE HULVER [34.37, -100.49]				
	05/22/23 16:15 CST	0		Hail (2.00 in)
	05/22/23 16:15 CST	0		Source: Storm Chaser
A storm chaser reported two inch size hail in rural southeastern Hall County. No damage was reported.				
CROSBY COUNTY --- 6.0 NW WHITE RIVER LAKE [33.52, -101.16]				
	05/22/23 16:31 CST	0		Thunderstorm Wind (MG 53 kt)
	05/22/23 16:31 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near White River Lake measured a wind gust of 61 mph.				
CROSBY COUNTY --- 1.0 SE RALLS [33.67, -101.37]				
	05/22/23 16:49 CST	0		Thunderstorm Wind (MG 61 kt)
	05/22/23 17:02 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Ralls measured severe wind gusts from 1649 CST through 1702 CST. A peak wind gust of 70 mph was measured at 1656 CST.				
COTTLE COUNTY --- SWEARINGEN [34.15, -100.15]				
	05/22/23 17:01 CST	0		Thunderstorm Wind (MG 50 kt)
	05/22/23 17:01 CST	0		Source: Storm Chaser
A storm chaser reported a wind gust of 58 mph using a handheld anemometer.				
STONEWALL COUNTY --- 3.0 NE ASPERMONT [33.18, -100.19]				
	05/22/23 19:24 CST	0		Thunderstorm Wind (MG 70 kt)
	05/22/23 19:27 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Aspermont measured severe wind gusts from 1924 CST through 1927 CST. A peak wind gust of 80 mph was measured at 1924 CST. Several car ports were damaged in Aspermont and a truck transporting a manufactured home was blown off the road .				
Another afternoon of severe thunderstorms occurred across the region on the 22nd. Severe thunderstorms dropped hail as large as two inches in diameter in several locations. The widespread thunderstorm activity organized into a larger complex of thunderstorms that produced heavy rain and severe wind gusts as it accelerated southeastward through the Rolling Plains during the evening. The bowing line of thunderstorms generated a peak wind gust of 80 mph as it moved across the Texas Tech University West Texas Mesonet site near Aspermont (Stonewall County). These severe winds also caused minor damage in and around Aspermont.				
HOCKLEY COUNTY --- 2.0 NW ROPESVILLE [33.44, -102.17]				
	05/23/23 16:37 CST	0		Hail (1.50 in)
	05/23/23 16:37 CST	0		Source: Trained Spotter
A spotter reported hail up to ping pong ball size northwest of Ropesville.				
LAMB COUNTY --- 2.0 S SUDAN [34.04, -102.53]				
	05/23/23 16:37 CST	0		Hail (1.00 in)
	05/23/23 16:37 CST	0		Source: Storm Chaser
A storm chaser reported quarter size hail south of Sudan.				
PARMER COUNTY --- BOVINA [34.52, -102.90]				
	05/23/23 17:01 CST	0		Hail (1.25 in)
	05/23/23 17:01 CST	0		Source: Storm Chaser

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A storm chaser reported half dollar size hail in Bovina.				
LUBBOCK COUNTY --- 4.0 N SHALLOWATER [33.74, -101.98], 6.8 NW SHALLOWATER ARPT [33.75, -102.08]				
	05/23/23 17:10 CST	0		Hail (2.75 in)
	05/23/23 17:21 CST	0		Source: Trained Spotter
Numerous reports were received of a swath of hail from north of Shallowater westward to the Lubbock/Hockley County line. Hail ranged in size from quarters to as large as baseballs. Multiple vehicles were reported as damaged along US Highway 84.				
PARMER COUNTY --- 1.3 NW LARIAT [34.34, -102.94]				
	05/23/23 17:22 CST	0		Hail (1.50 in)
	05/23/23 17:22 CST	0		Source: Trained Spotter
A spotter reported hail up to ping pong ball size northwest of Lariat.				
HOCKLEY COUNTY --- 5.0 SSW WHITHARRAL [33.66, -102.36]				
	05/23/23 17:27 CST	0		Hail (1.00 in)
	05/23/23 17:27 CST	0		Source: Trained Spotter
A spotter reported quarter size hail between Whitharral and Levelland along US Highway 385.				
HALE COUNTY --- 3.9 NNW COUNTYLINE [33.88, -102.05], 5.8 SSW COTTON CENTER [33.93, -102.05]				
	05/23/23 17:36 CST	0		Hail (1.75 in)
	05/23/23 17:50 CST	0		Source: Storm Chaser
A swath of hail ranging from ping pong ball size to golf ball size was reported in rural southwestern Hale County.				
(TX-Z022) CASTRO				
	05/23/23 17:55 CST	0		Strong Wind (MAX 48 kt)
	05/23/23 17:58 CST	0		
HALE COUNTY --- FINNEY [34.28, -101.72]				
	05/23/23 18:15 CST	0		Hail (1.50 in)
	05/23/23 18:15 CST	0		Source: Public
A member of the public reported hail up to ping pong ball size along Interstate 27 in northern Hale County.				
HOCKLEY COUNTY --- 3.0 S PEP [33.78, -102.57]				
	05/23/23 18:58 CST	0		Hail (0.88 in)
	05/23/23 18:58 CST	0		Source: Storm Chaser
HALE COUNTY --- 2.9 SSW FINNEY [34.24, -101.73], 1.4 NE SETH WARD [34.24, -101.66], 3.6 ENE FINNEY [34.29, -101.66], 1.6 WNW FINNEY [34.29, -101.75]				
	05/23/23 19:00 CST	0		Flash Flood (due to Heavy Rain)
	05/23/23 21:00 CST	0		Source: Law Enforcement
A severe thunderstorm very slowly moved across Hale County just to the north of Plainview causing flash flooding in and around the intersection of Farm to Market Road 788 and Interstate 27.				
HALE COUNTY --- 1.0 S PLAINVIEW [34.19, -101.70]				
	05/23/23 19:22 CST	0		Thunderstorm Wind (MG 50 kt)
	05/23/23 19:22 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Plainview measured a wind gust of 58 mph.				
MOTLEY COUNTY --- 1.0 S NORTHFIELD [34.27, -100.60]				
	05/23/23 20:17 CST	0		Thunderstorm Wind (MG 52 kt)
	05/23/23 20:17 CST	0		Source: Mesonet
A Texas Tech University West Texas mesonet site near Northfield measured a wind gust of 60 mph.				

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COTTLE COUNTY --- 2.0 SSE HACKBERRY [33.90, -100.14]				
	05/23/23 21:11 CST		0	Thunderstorm Wind (MG 61 kt)
	05/23/23 21:12 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Hackberry measured severe wind gusts from 2111 CST through 2112 CST. A peak wind gust of 70 mph was measured at 2112 CST.				
Another consecutive evening of severe storms occurred on the Caprock on the evening of the 23rd as the atmosphere again became very unstable. Several of the thunderstorms were able to gain significant mid-level rotation which allowed them to generate very large hail. Hailstones as large as baseballs damaged multiple vehicles northwest of Shallowater (Lubbock County) along US Highway 84, while many other spots incurred impacts from hail as large as golf ball size. In addition to producing large hail, the slow moving storms also dumped torrential rainfall. One such pocket of torrential rain occurred just to the north of Plainview (Hale County), where several roads were underwater. Activity then shifted into the Rolling Plains late in the evening as activity morphed into upscale clusters of storms producing a few severe wind gusts.				
PARMER COUNTY --- FARWELL [34.38, -103.03]				
	05/24/23 20:42 CST		0	Hail (1.00 in)
	05/24/23 20:42 CST		0	Source: Public
A member of the public reported quarter size hail in Farwell.				
PARMER COUNTY --- 2.0 NE FRIONA [34.65, -102.71]				
	05/24/23 20:59 CST		0	Thunderstorm Wind (MG 58 kt)
	05/24/23 21:09 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Friona measured severe wind gusts from 2059 CST through 2109 CST. A peak wind gust of 67 mph was measured at 2106 CST.				
BAILEY COUNTY --- 9.0 NW BAILEYBORO [34.14, -102.91]				
	05/24/23 21:25 CST		0	Hail (1.50 in)
	05/24/23 21:25 CST		0	Source: Public
A member of the public reported ping pong ball size hail in rural western Bailey County.				
PARMER COUNTY --- 2.4 NW FRIONA BENDER ARPK [34.67, -102.71], 3.9 W BOVINA [34.51, -102.97], 4.7 SSE BOVINA [34.46, -102.87], 2.5 SSE FRIONA BENDER ARPK [34.62, -102.66]				
	05/24/23 21:30 CST		0	Flood (due to Heavy Rain)
	05/24/23 23:30 CST		0	Source: Broadcast Media
Local broadcast media relayed reports of flooding in Parmer County along US Highway 60 between Bovina and Friona. The northbound lanes on US Highway 60 on the north side of Bovina became impassable due to flooding. Additionally, there was extensive street flooding in Friona.				
COCHRAN COUNTY --- BLEDSOE [33.62, -103.02], 9.2 S LEHMAN [33.49, -102.82]				
	05/24/23 22:38 CST		0	Hail (2.75 in)
	05/24/23 23:12 CST		0	Source: COOP Observer
Observations from a cooperative weather observer in Bledsoe and a storm chaser south of Morton reported a swath of up to baseball size hail. The hail became wind driven around Bledsoe which caused damage to several buildings.				
HOCKLEY COUNTY --- WHITHARRAL [33.73, -102.33], ANTON [33.82, -102.17]				
	05/24/23 23:35 CST		0	Thunderstorm Wind (MG 53 kt)
	05/25/23 00:04 CST		0	Source: Mesonet
Extensive wind damage to power poles were reported from Whitharral to Anton associated with the leading edge of a severe thunderstorm. The towns of Whitharral and Anton were reported to be without power due to the damage. Additionally, a Texas Tech University West Texas mesonet site near Anton measured severe wind gusts from 2348 CST through 0004 CST. A peak wind gust of 61 mph was measured at 2353 CST and again at 0001 CST.				
TERRY COUNTY --- 4.3 NNW FOSTER [33.12, -102.34]				
	05/25/23 01:19 CST		0	Hail (1.75 in)
	05/25/23 01:30 CST		0	Source: Public
A member of the public reported golf ball size hail southwest of Brownfield.				

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TERRY COUNTY --- 2.0 S BROWNFIELD [33.15, -102.28]				
	05/25/23 01:26 CST		0	Thunderstorm Wind (MG 56 kt)
	05/25/23 01:27 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Brownfield measured severe wind gusts from 0126 CST through 0127 CST. A peak wind gust of 65 mph was measured at 0127 CST.				
YOAKUM COUNTY --- PLAINS [33.18, -102.83]				
	05/25/23 02:05 CST		0	Hail (1.00 in)
	05/25/23 02:05 CST		0	Source: Law Enforcement
Law enforcement in Plains reported large quantities of accumulating hail up to the size of quarters.				
YOAKUM COUNTY --- 6.0 WNW DENVER CITY [33.00, -102.95]				
	05/25/23 02:11 CST		0	Thunderstorm Wind (MG 51 kt)
	05/25/23 02:11 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Denver City measured a wind gust of 59 mph.				
<p>Very intense thunderstorms developed in northeast New Mexico on the afternoon of the 24th and moved southeastward through the evening and overnight hours. Surface heating boosted instability ahead of a complex of thunderstorms moving from eastern New Mexico into the South Plains. Very large hail, damaging winds, and flooding were reported from late on the 24th into the early morning hours on the 25th. Scattered supercells grew upscale into a mesoscale convective system and produced severe wind gusts and numerous reports of wind damage, especially in Hockley County.</p>				
LUBBOCK COUNTY --- 4.0 NNE SHALLOWATER [33.73, -101.95]				
	05/26/23 06:10 CST		0	Thunderstorm Wind (MG 51 kt)
	05/26/23 06:33 CST		0	Source: Mesonet
A swath of severe thunderstorm winds were observed from just north of Shallowater to Lubbock International Airport . A Texas Tech University West Texas mesonet site near Shallowater measured severe wind gusts to 59 mph from 0710 CST through 0711 CST. The Automated Surface Observing System at Lubbock International Airport measured a severe wind gust to 62 mph.				
LUBBOCK COUNTY --- 1.3 S WOLFFORTH [33.48, -102.02], 3.4 S LUBBOCK [33.53, -101.86], 0.3 NNW DOUD [33.57, -101.93], 2.3 SSE HURLWOOD [33.54, -102.01]				
	05/26/23 07:16 CST		0	Flash Flood (due to Heavy Rain)
	05/26/23 09:16 CST		0	Source: NWS Employee
A severe thunderstorm which brought severe winds to Lubbock County also caused flash flooding around the city of Lubbock . Numerous roads in Lubbock became flooded from heavy rainfall in a short amount of time.				
<p>Thunderstorms early in the morning on the 25th kept conditions relatively stable on the afternoon of the 25th which prevented thunderstorms from developing over the region. However, another round of thunderstorms did develop across the higher terrain of northeast New Mexico and moved to the southeast across the South Plains early in the morning on the 26th. The activity eventually accelerated southeastward, sweeping across much of the central and southern South Plains and Rolling Plains through the rest of the morning. A few severe wind gusts were reported in Lubbock County as well as extensive street flooding.</p>				
CASTRO COUNTY --- 3.0 N HART [34.42, -102.12]				
	05/27/23 01:54 CST		0	Thunderstorm Wind (MG 61 kt)
	05/27/23 01:55 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Hart measured severe wind gusts from 0154 CST through 0155 CST. A peak wind gust of 70 mph was measured at 0155 CST.				
CASTRO COUNTY --- 1.2 NW SUMMERFIELD [34.74, -102.52], 5.9 S SUMMERFIELD [34.65, -102.52], 6.2 SSE SUMMERFIELD [34.64, -102.47], 5.5 E SUMMERFIELD [34.74, -102.40]				
	05/27/23 02:30 CST		0	Flash Flood (due to Heavy Rain)
	05/27/23 05:30 CST		0	Source: Law Enforcement
Numerous thunderstorms trained over the same area in northern Castro County early in the morning of the 27th. In addition to the training, intense rain rates led to flash flooding and many road closures. An estimated seven to nine inches of rain fell over a period of only a few hours. Farm to Market Road 1057 from Summerfield south to Farm to Market Road 2397 was closed due to flooding. Water was also covering several other roads in northern Castro County making them impassable.				

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HALE COUNTY --- 17.4 NNE EDMONSON [34.52, -101.82], 17.0 N FINNEY [34.53, -101.74], 6.8 N FINNEY [34.38, -101.74], 7.8 NNW FINNEY [34.38, -101.79]				
	05/27/23 02:38 CST		0	Flood (due to Heavy Rain)
	05/27/23 05:38 CST		0	Source: Law Enforcement
A thunderstorm very slowly moved over central and southern Swisher County which brought heavy rainfall for several hours . Interstate 27 was closed due to flooding between Tulia and Kress.				
HALE COUNTY --- 1.0 S PLAINVIEW [34.19, -101.70]				
	05/27/23 03:03 CST		0	Thunderstorm Wind (MG 63 kt)
	05/27/23 03:09 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Plainview measured severe wind gusts from 0303 CST through 0309 CST. A peak wind gust of 72 mph was measured at 0303 CST.				
HALE COUNTY --- 8.5 SE SETH WARD [34.14, -101.57]				
	05/27/23 03:17 CST		0	Thunderstorm Wind (MG 55 kt)
	05/27/23 03:22 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site near Aiken measured severe wind gusts from 0317 CST through 0322 CST. A peak wind gust of 63 mph was measured at 0317 CST.				
<p>A complex of thunderstorms developed in northeast New Mexico and parts of the Texas Panhandle on the evening of the 26th and swept southeastward early on the 27th, bringing strong winds and heavy rain to all but the southwestern South Plains. The intense rain, falling on top of already saturated soils, created flash flooding in spots. The most intense rainfall was in northern Castro County where storms repeatedly trained over the same locations. Numerous roads became impassable because of flooding in northern Castro County. Another storm brought heavy rainfall to southern Swisher County closing Interstate 27 between Tulia (Swisher County) and Kress (Swisher County). A few of the storms also produced severe wind gusts across Castro and Hale Counties.</p>				
YOAKUM COUNTY --- 1.9 NW PLAINS YOAKUM CO ARP [33.22, -102.86], 1.3 NW PLAINS YOAKUM CO ARP [33.21, -102.84]				
	05/27/23 19:26 CST		0	Tornado (EFU, L: 0.71 mi , W: 30 yd)
	05/27/23 19:28 CST		0	Source: Social Media
A supercell thunderstorm that had a history of producing tornadoes in eastern New Mexico developed a brief tornado northwest of Plains . The short lived tornado occurred over open land and inflicted no known damage.				
COCHRAN COUNTY --- 10.9 NW MORTON [33.82, -102.92], 9.1 W MORTON [33.74, -102.93], 3.1 E MORTON COCHRAN CO AR [33.73, -102.68], 6.7 NNE MORTON COCHRAN CO AR [33.82, -102.68]				
	05/27/23 19:30 CST		0	Flash Flood (due to Heavy Rain)
	05/27/23 21:30 CST		0	Source: Law Enforcement
A slow moving thunderstorm produced heavy rainfall over a portion of northern Cochran County which caused flash flooding . Law enforcement reported flooding on roadways at several locations in rural Cochran County.				
COCHRAN COUNTY --- MORTON [33.72, -102.77]				
	05/27/23 19:51 CST		0	Hail (1.00 in)
	05/27/23 19:51 CST		0	Source: Law Enforcement
Law enforcement reported quarter size hail in the city of Morton.				
YOAKUM COUNTY --- PLAINS [33.18, -102.83]				
	05/27/23 19:55 CST		0	Hail (1.00 in)
	05/27/23 19:55 CST		0	Source: Law Enforcement
Law enforcement reported quarter size hail in the city of Plains.				
<p>Late in the afternoon into the evening of the 27th, a couple of supercells moving east-southeast out of eastern New Mexico produced severe weather in the western South Plains. One of these supercell thunderstorms produced tornadoes in eastern New Mexico before moving into Yoakum County. As the storm tracked across Yoakum County, it produced a brief tornado northwest of Plains and severe hail in the city of Plains. A second supercell thunderstorm tracked across northern Cochran County producing severe hail in Morton.</p>				
SWISHER COUNTY --- 7.2 SW VIGO PARK [34.59, -101.58], 7.0 SW VIGO PARK [34.58, -101.57]				

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	05/28/23 16:09 CST		0	Tornado (EFU, L: 0.37 mi , W: 30 yd)
	05/28/23 16:10 CST		0	Source: Social Media

A video shared on social media showed a brief tornado southwest of Vigo Park in an open field. No damage was known to have occurred.

SWISHER COUNTY --- 5.2 SW VIGO PARK [34.59, -101.54]

05/28/23 17:04 CST	0	Hail (1.75 in)
05/28/23 17:04 CST	0	Source: Fire Department/Rescue

The Silverton Volunteer Fire Department reported hail ranging in size from quarters to golf balls southwest of Vigo Park.

YOAKUM COUNTY --- 7.0 WNW DENVER CITY [33.01, -102.96]

05/28/23 17:48 CST	0	Thunderstorm Wind (MG 69 kt)
05/28/23 18:14 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Denver City measured severe wind gusts from 1748 CST through 1814 CST. A peak wind gust of 79 mph was measured at 1758 CST.

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

05/28/23 19:12 CST	0	Thunderstorm Wind (MG 50 kt)
05/28/23 19:12 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet near Brownfield measured a severe wind gust of 58 mph.

TERRY COUNTY --- 4.5 N NEEDMORE [33.39, -102.34], 4.9 N NEEDMORE [33.39, -102.31], 1.2 NE NEEDMORE [33.33, -102.31], 1.1 NW NEEDMORE [33.33, -102.34]

05/28/23 19:30 CST	0	Flood (due to Heavy Rain)
05/28/23 21:30 CST	0	Source: Law Enforcement

Law enforcement in Terry County reported water over the roadway on US Highway 385 between county roads 210 and 230.

YOAKUM COUNTY --- 0.7 SSW DENVER CITY [32.96, -102.86], 0.4 WNW DENVER CITY [32.97, -102.86], 1.9 ESE ALLRED [32.97, -102.89], 2.2 WSW DENVER CITY [32.96, -102.89]

05/28/23 19:30 CST	0	Flash Flood (due to Heavy Rain)
05/28/23 21:30 CST	0	Source: Law Enforcement

A slow moving thunderstorm over southern Yoakum County created flash flooding along Texas State Highway 83 west of Denver City.

LUBBOCK COUNTY --- 6.0 SSW WOLFFORTH [33.42, -102.06]

05/28/23 19:38 CST	0	Thunderstorm Wind (MG 56 kt)
05/28/23 19:44 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Wolfforth measured severe wind gusts from 1938 CST through 1944 CST. A peak wind gust of 64 mph was measured at 1944 CST.

LUBBOCK COUNTY --- 5.0 W LUBBOCK [33.58, -101.94]

05/28/23 19:50 CST	10K	Lightning
05/28/23 19:50 CST	0	Source: Public

Local broadcast media relayed photographs of a tree that fell on a car from a lightning strike.

LUBBOCK COUNTY --- 2.2 S BROADVIEW [33.62, -101.95], 3.5 WSW WOLFFORTH [33.47, -102.07], 1.2 NNE WOODROW [33.46, -101.81], 1.4 NE LUBBOCK [33.59, -101.83]

05/28/23 20:00 CST	0	Flash Flood (due to Heavy Rain)
05/28/23 23:00 CST	0	Source: Law Enforcement

Numerous reports were received of flooded roads in the city of Lubbock and Lubbock County. Several roads were impassable and as a result were closed due to water over the roadway. Some vehicles became stranded in high waters.

(TX-Z035) LUBBOCK

05/28/23 21:00 CST	0	High Wind (MAX 58 kt)
05/28/23 21:01 CST	0	

Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MOTLEY COUNTY --- 3.0 NW ROARING SPGS BUZZ AR [33.96, -100.87], 5.1 ENE ROARING SPGS BUZZ AR [33.97, -100.76], 4.1 ESE WHITEFLAT [34.09, -100.81], 2.9 SW WHITEFLAT [34.07, -100.92]				
	05/28/23 22:00 CST		0	Flash Flood (due to Heavy Rain)
	05/29/23 00:00 CST		0	Source: Law Enforcement

A slow moving thunderstorm moved over Motley County creating flash flooding in and around Matador . The Motley County sheriff's office reported water over the roadway on US Highway 70/62 in Matador.

Scattered supercell thunderstorms developed on the afternoon of the 28th and persisted through the evening producing several severe storms despite weak background forcing. Strong instability developed while the atmosphere became uncapped which allowed these supercell thunderstorms to develop. A slow moving storm near Vigo Park produced a brief tornado over an open field. More widespread thunderstorms evolved late in the evening while tracking from west to east over much of the South Plains and Rolling Plains. In Lubbock, a tree hit by lightning fell on a vehicle. These widespread slow moving storms produced extensive flash flooding especially over Lubbock County. Several roads were closed due to flooding with numerous stranded vehicles. After the cluster of thunderstorms moved east of Lubbock, a heat burst was observed at Reese Center (Lubbock County) within a stratiform region. A peak wind gust of 67 mph was observed with this heat burst as well as a 15 degree temperature increase.