

Storm Data and Unusual Weather Phenomena - May 2018

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

(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN, (TX-Z042) GARZA, (TX-Z043) KENT, (TX-Z044) STONEWALL

05/01/18 00:00 CST	0	Drought
05/31/18 23:59 CST	0	

Abundant rainfall benefited some areas in May, particularly for the Rolling Plains and extreme southeastern Texas Panhandle. However, little rainfall in the western South Plains allowed drought conditions to worsen. Somewhat regular rain fell from the central South Plains into the Rolling Plains and extreme southeastern Texas Panhandle during the middle of May. Drought conditions improved to as low as D1 (Moderate Drought) in some spots but remained as high as D3 (Extreme Drought) in others. The western South Plains generally worsened from D2 (Severe Drought) to D3 drought conditions. May also brought very hot weather and was by far the hottest May on record. Much of this heat was caused by an abnormally strong upper level high pressure system from northern Mexico into West Texas. La Niña, which was a significant driver of this long term drought, officially ended in May. Grasses were starting to green up but rain was desperately needed for all aspects of agriculture. Crops under irrigation were performing well so far, especially under the hot temperatures experienced in May. Lingering hot, dry, and breezy conditions have prolonged fire weather concerns, especially from the western South Plains into the extreme southwestern Texas Panhandle.

STONEWALL COUNTY --- 3.0 NE ASPERMONT [33.18, -100.19]

05/02/18 16:05 CST	0	Thunderstorm Wind (MG 52 kt)
05/02/18 16:05 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Aspermont measured a wind gust to 60 mph.

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

05/03/18 00:50 CST	0	Thunderstorm Wind (MG 52 kt)
05/03/18 00:50 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Slaton measured a wind gust to 60 mph.

A large upper level storm system over the desert southwest of the United States fostered the development of dryline convection over the far eastern Rolling Plains on the afternoon of the second. One of these storms became severe in Stonewall County before exiting into northwest Texas. Late on the second into the early morning hours of the third, a strong low level jet developed allowing thunderstorms to expand into the eastern South Plains. One of these storms produced a severe wind gust at Slaton (Lubbock County).

HALL COUNTY --- 0.6 WSW MEMPHIS [34.72, -100.54], 0.6 W MEMPHIS MUNI ARPT [34.73, -100.53]

05/08/18 19:50 CST	0.10M	Thunderstorm Wind (EG 65 kt)
05/08/18 20:05 CST	0	Source: Public

A swath of destructive winds lasting for up to 15 minutes moved north across the city of Memphis this evening. These winds resulted in scattered minor to moderate damage in the town of Memphis. Most damage was comprised of broken tree limbs, a few downed trees, damaged shingles and siding, collapsed car ports, some broken windows, and a few downed power lines.

HALL COUNTY --- 0.9 NW MEMPHIS [34.73, -100.54]

05/08/18 19:55 CST	0	Thunderstorm Wind (MG 65 kt)
05/08/18 20:05 CST	0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet. Severe wind gusts of 60 mph, 66 mph and 75 mph were measured at 1955 CST, 2000 CST, and 2005 CST, respectively.

A line of high based thunderstorms moved east across the far south-central Texas Panhandle this evening. As these storms decayed in the far southeast Panhandle, a core of destructive winds (measured from 60 to 75 mph) developed on the backside of the precipitation and persisted for 10 to 15 minutes. These winds inflicted scattered minor to moderate damage in the city of Memphis (Hall County).

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Downburst winds from a decaying thunderstorm inflicted scattered wind damage in the town of Memphis, TX. Photo courtesy of Farrah Farris.

HALL COUNTY --- 1.0 W ESTELLINE [34.55, -100.45], 3.0 SSE ESTELLINE [34.51, -100.41]

05/13/18 16:55 CST	0	Hail (0.88 in)
05/13/18 16:59 CST	0	Source: Storm Chaser

HALL COUNTY --- 3.0 SSE ESTELLINE [34.51, -100.41]

05/13/18 17:16 CST	0	Hail (0.88 in)
05/13/18 17:31 CST	0	Source: Trained Spotter

HALL COUNTY --- 3.0 SSE ESTELLINE [34.51, -100.41]

05/13/18 17:44 CST	0	Hail (2.00 in)
05/13/18 17:44 CST	0	Source: Trained Spotter

A trained spotter reported hail between golf ball and lemon size.

HALL COUNTY --- 11.0 W ESTELLINE [34.55, -100.62]

05/13/18 18:10 CST	0	Hail (1.00 in)
05/13/18 18:10 CST	0	Source: Public

Hail up to quarter size was reported west of Estelline.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HALL COUNTY --- 1.0 N ESTELLINE [34.56, -100.43], 2.3 S ESTELLINE [34.52, -100.42]				
	05/13/18 18:50 CST		0.10M	Hail (1.75 in)
	05/13/18 19:18 CST		0	Source: Storm Chaser
Numerous reports of hail up to golf ball size fell around US Highway 287 from north of Estelline to southeast of Estelline. Many vehicles were damaged due to large hail in Estelline.				
HALL COUNTY --- 3.0 SSE ESTELLINE [34.51, -100.41]				
	05/13/18 19:08 CST		0.10M	Thunderstorm Wind (MG 59 kt)
	05/13/18 19:08 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet measured a wind gust to 68 mph. Furthermore, several reports of wind damage were received from Estelline including shed and tree damage.				
MOTLEY COUNTY --- NORTHFIELD [34.28, -100.60]				
	05/13/18 19:11 CST		0	Hail (1.50 in)
	05/13/18 19:11 CST		0	Source: COOP Observer
An NWS cooperative weather observer reported hail up to ping pong ball size.				
CHILDRESS COUNTY --- 5.7 NW CAREY [34.52, -100.40]				
	05/13/18 19:18 CST		0	Hail (1.75 in)
	05/13/18 19:18 CST		0	Source: Storm Chaser
A hail swath up to golf ball size extended into Childress County along US Highway 287 southeast of Estelline.				
HALL COUNTY --- 1.0 SSW ESTELLINE [34.54, -100.44], 1.1 S ESTELLINE [34.53, -100.43], 1.6 S ESTELLINE [34.53, -100.43], 1.6 S ESTELLINE [34.53, -100.43]				
	05/13/18 19:29 CST		0	Flash Flood (due to Heavy Rain)
	05/13/18 21:29 CST		0	Source: Storm Chaser
A storm chaser reported water flowing across Farm to Market Road 658 south of US Highway 287.				
CHILDRESS COUNTY --- CHILDRESS [34.42, -100.20], 1.0 NW CHILDRESS [34.43, -100.21]				
	05/13/18 21:04 CST		0	Hail (0.88 in)
	05/13/18 21:06 CST		0	Source: Fire Department/Rescue
CHILDRESS COUNTY --- CHILDRESS [34.42, -100.20], 2.0 ENE CHILDRESS [34.43, -100.17]				
	05/13/18 22:19 CST		0	Hail (1.00 in)
	05/13/18 22:23 CST		0	Source: Fire Department/Rescue
The Childress Fire Department reported hail up to quarter size in and around the city of Childress.				
<p>On the afternoon of the 13th, a dryline moved east to the Interstate-27 corridor. By the early evening, thunderstorms continually redeveloped around Hall and Motley Counties. These storms were able to take advantage of a very unstable atmosphere and produce hail up to two inches in diameter. Several rounds of thunderstorms affected Hall and Childress Counties, particularly around the Estelline (Hall County) area. Large hail and severe winds resulted in numerous reports of damage in Estelline with one of the storms. A Texas Tech University West Texas mesonet site near Estelline, which was completed only three days prior, was damaged due to large hail. The repeated rounds of thunderstorms also resulted in flash flooding along Farm to Market Road 658 south of US Highway 287 in Hall County.</p>				
CASTRO COUNTY --- HART [34.38, -102.12]				
	05/14/18 15:01 CST		0	Hail (0.88 in)
	05/14/18 15:01 CST		0	Source: COOP Observer
KENT COUNTY --- JAYTON [33.25, -100.58]				
	05/14/18 16:27 CST		0	Hail (0.88 in)
	05/14/18 16:27 CST		0	Source: COOP Observer
CHILDRESS COUNTY --- CHILDRESS [34.42, -100.20]				

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	05/14/18 16:43 CST		0	Hail (1.00 in)
	05/14/18 16:43 CST		0	Source: Trained Spotter

Hail up to the size of quarters was reported in Childress.

HALL COUNTY --- MEMPHIS [34.72, -100.53]

	05/14/18 16:47 CST		0	Hail (1.00 in)
	05/14/18 16:47 CST		0	Source: Broadcast Media

A storm chaser from KFDA-TV in Amarillo reported hail to the size of quarters in Memphis.

MOTLEY COUNTY --- 1.0 S NORTHFIELD [34.27, -100.60]

	05/14/18 17:05 CST		0	Thunderstorm Wind (MG 67 kt)
	05/14/18 17:05 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Northfield measured a wind gust to 77 mph.

HALL COUNTY --- 2.0 S LESLEY [34.64, -100.80]

	05/14/18 17:14 CST		0	Thunderstorm Wind (MG 51 kt)
	05/14/18 17:14 CST		0	Source: Mesonet

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

HALL COUNTY --- 3.0 SSE ESTELLINE [34.51, -100.41]

	05/14/18 17:20 CST		30K	Thunderstorm Wind (MG 59 kt)
	05/14/18 17:20 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Estelline measured a wind gust to 68 mph. At approximately the same time, an 18-wheeler was blown over on US Highway 287 near Estelline shutting down the northbound lanes. It was also reported that several trees were blown over or damaged in and around Estelline. A downed power pole was observed along Farm to Market Road 658 near US Highway 287.

CHILDRESS COUNTY --- (CDS)CHILDRESS ARPT [34.43, -100.30]

	05/14/18 17:32 CST		0	Thunderstorm Wind (MG 65 kt)
	05/14/18 17:53 CST		0	Source: ASOS

The ASOS at Childress Municipal Airport measured a maximum wind gust to 75 mph at 1732 CST and severe winds continued through 1753 CST.

For a second consecutive evening, severe thunderstorms affected the extreme southeastern Texas Panhandle. Thunderstorms again formed during the late afternoon over the Rolling Plains east of a dryline. As these thunderstorms encountered strong instability, they quickly became severe with primarily severe winds. Numerous reports of tree damage were received in and around Estelline. Along US Highway 287, severe thunderstorm winds blew over an 18-wheeler blocking the northbound lanes.

LYNN COUNTY --- GRASSLAND [33.13, -101.60]

	05/15/18 15:25 CST		0	Hail (1.75 in)
	05/15/18 15:25 CST		0	Source: Public

Hail up to the size of golf balls fell at the Co-op gin in Grassland. No damage was reported.

LYNN COUNTY --- 2.0 NNW GRASSLAND [33.16, -101.61]

	05/15/18 15:42 CST		0	Hail (1.00 in)
	05/15/18 15:42 CST		0	Source: Trained Spotter

Hail up to quarter size was reported along US Highway 380 north of Grassland.

GARZA COUNTY --- 3.0 NNW POST [33.22, -101.40]

	05/15/18 15:49 CST		0	Hail (1.75 in)
	05/15/18 15:49 CST		0	Source: Public

Hail up to golf ball size was reported along Texas State Highway 207 just north of Post.

LYNN COUNTY --- 3.0 SE NEW LYNN [33.17, -101.64]

	05/15/18 16:14 CST		0	Heavy Rain
	05/15/18 17:14 CST		0	Source: Trained Spotter

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Water around three inches deep was reported running across US Highway 380.

CROSBY COUNTY --- 6.8 SSW OWENS [33.48, -101.40]

05/15/18 16:33 CST	0	Hail (1.00 in)
05/15/18 16:33 CST	0	Source: Storm Chaser

A storm chaser video feed showed hail on the side of the road just after the storm had passed over Texas State Highway 207.

LUBBOCK COUNTY --- 5.0 S WOLFFORTH [33.43, -102.02]

05/15/18 16:41 CST	0	Hail (1.00 in)
05/15/18 16:41 CST	0	Source: NWS Employee

An off-duty NWS employee reported hail up to quarter size.

CROSBY COUNTY --- 1.0 SE RALLS [33.67, -101.37]

05/15/18 16:50 CST	0	Thunderstorm Wind (MG 58 kt)
05/15/18 16:50 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet measured a wind gust to 67 mph near Ralls.

LUBBOCK COUNTY --- 0.9 NNW WEST CARLISLE [33.59, -101.96]

05/15/18 17:03 CST	0	Hail (1.50 in)
05/15/18 17:03 CST	0	Source: Social Media

Hail up to the size of ping pongs was reported on social media. No damage was reported.

CROSBY COUNTY --- CROSBYTON [33.67, -101.25]

05/15/18 17:05 CST	0.50M	Hail (2.75 in)
05/15/18 17:05 CST	0	Source: NWS Storm Survey

Extensive hail damage was observed in the city of Crosbyton. Many building suffered heavy roof and siding damage from wind driven hail up to the size of baseballs. Most south facing windows were shattered in town along with significant damage to vehicles.

HALE COUNTY --- 0.9 N COUNTYLINE [33.83, -102.03]

05/15/18 17:19 CST	0	Hail (1.75 in)
05/15/18 17:19 CST	0	Source: NWS Employee

An off-duty NWS employee reported hail up to golf ball size near the intersection of Farm to Market Roads 179 and 597.

LUBBOCK COUNTY --- 6.4 WNW CALDWELL [33.80, -102.03]

05/15/18 17:25 CST	0	Hail (1.50 in)
05/15/18 17:25 CST	0	Source: Social Media

Pictures on social media indicated hail up to the size of ping pongs near the intersection of Farm to Market Road 175 and County Road 5200 in Lubbock County.

LUBBOCK COUNTY --- 3.0 SE CALDWELL [33.74, -101.88], 2.0 S ABERNATHY [33.80, -101.85]

05/15/18 17:39 CST	0	Hail (1.00 in)
05/15/18 17:44 CST	0	Source: Trained Spotter

Several reports were received of quarter size hail covering the ground in north-central Lubbock County.

PARMER COUNTY --- 2.0 NE FRIONA [34.65, -102.71]

05/15/18 18:20 CST	0	Thunderstorm Wind (MG 50 kt)
05/15/18 18:20 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet recorded a wind gust to 58 mph.

HALE COUNTY --- 9.0 E PLAINVIEW [34.20, -101.54]

05/15/18 18:30 CST	0	Hail (1.25 in)
05/15/18 18:30 CST	0	Source: Social Media

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Hail up to half-dollar size was reported on social media. No damage was reported.				
FLOYD COUNTY --- 5.0 S SOUTH PLAINS [34.15, -101.32], 8.5 SE SOUTH PLAINS [34.14, -101.20]				
	05/15/18 18:35 CST		0	Hail (1.75 in)
	05/15/18 19:03 CST		0	Source: Emergency Manager
Reports between ping pong and golf ball size hail were received around the intersection of Farm to Market Road 97 and Texas Highway 207 as well as near Cedar Hill.				
PARMER COUNTY --- 2.0 W LAZBUDDIE [34.38, -102.66]				
	05/15/18 18:45 CST		0	Hail (1.00 in)
	05/15/18 18:45 CST		0	Source: Public
Quarter size hail was reported just west of Lazbuddie. No damage was reported.				
MOTLEY COUNTY --- ROARING SPGS [33.90, -100.85]				
	05/15/18 18:52 CST		0	Hail (0.75 in)
	05/15/18 18:52 CST		0	Source: COOP Observer
CASTRO COUNTY --- 2.0 NE DIMMITT [34.57, -102.30]				
	05/15/18 18:55 CST		0	Thunderstorm Wind (MG 54 kt)
	05/15/18 18:55 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet measured a wind gust to 62 mph.				
CASTRO COUNTY --- 7.8 NNE DODD [34.43, -102.41]				
	05/15/18 19:07 CST		3K	Thunderstorm Wind (EG 61 kt)
	05/15/18 19:07 CST		0	Source: Social Media
Reports on social media indicated a power pole was blown over near the intersection of Farm to Market Roads 1524 and 1055.				
CASTRO COUNTY --- 2.2 WSW DODD [34.32, -102.52]				
	05/15/18 19:11 CST		0	Hail (1.50 in)
	05/15/18 19:11 CST		0	Source: Broadcast Media
A storm chaser with a local television station reported ping pong ball size hail in extreme southwestern Castro County.				
BRISCOE COUNTY --- 6.2 WNW WHITELEY [34.38, -101.43]				
	05/15/18 19:15 CST		0	Hail (1.75 in)
	05/15/18 19:15 CST		0	Source: Fire Department/Rescue
Golf ball size hail was reported near the intersection of Farm to Market Roads 378 and 145.				
CASTRO COUNTY --- 3.0 N HART [34.42, -102.12]				
	05/15/18 19:20 CST		50K	Thunderstorm Wind (MG 61 kt)
	05/15/18 19:41 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet measured a wind gust to 70 mph near Hart. Reports were also received of wind damage in the town of Hart. A roof was partially removed from a large warehouse.				
HALE COUNTY --- 2.0 E HALFWAY [34.18, -101.92], 8.7 SE SETH WARD [34.13, -101.57]				
	05/15/18 19:48 CST		25K	Thunderstorm Wind (MG 55 kt)
	05/15/18 20:23 CST		0	Source: Mesonet
From 1948 CST to 2023 CST, a swath of severe thunderstorm wind gusts affected a portion of northern Hale County. The swath began just east of Halfway and persisted through Plainview and ended near Aiken. The maximum wind gust of 63 mph was recorded was by a Texas Tech University West Texas mesonet near Aiken. Furthermore, a tractor trailer was blown over on Interstate-27 just north of Plainview.				
SWISHER COUNTY --- VIGO PARK [34.65, -101.48]				
	05/15/18 19:58 CST		0	Thunderstorm Wind (MG 51 kt)
	05/15/18 19:58 CST		0	Source: Mesonet

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A Texas Tech University West Texas mesonet measured a wind gust to 59 mph in Vigo Park.				
FLOYD COUNTY --- 2.0 NNE FLOYDADA [34.01, -101.32], 4.0 W AIKEN [34.13, -101.57]				
	05/15/18 20:35 CST		0	Thunderstorm Wind (MG 52 kt)
	05/15/18 20:35 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet measured a wind gust to 60 mph near Floydada. This is a continuation of the severe thunderstorm wind gust swath from Hale County.				

HALL COUNTY --- 3.3 WSW TURKEY [34.38, -100.93]				
	05/15/18 20:45 CST		0	Thunderstorm Wind (MG 57 kt)
	05/15/18 20:45 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet near Turkey measured a wind gust to 66 mph.

On the afternoon of the 15th, a cold front pushed into the southern South Plains initially developing thunderstorms in the Permian Basin. However, strong instability north of the frontal boundary combined with an advancing short wave in New Mexico brought significant severe convection to the South Plains and extreme southern Texas Panhandle. Initially, thunderstorms brought severe hail to the area. Crosbyton (Crosby County) took the brunt of the damage with widespread damage reports in the town due to wind-driven baseball size hail. An NWS storm survey the next day revealed numerous south facing windows on buildings destroyed along with many totaled vehicles. In Abernathy (Hale County), penny to quarter size hail completely covered Interstate-27. As the evening progressed, storms moving into the area from New Mexico primarily created severe wind gusts. A large swath of wind gusts spanned from western Hale County into central Floyd County. These strong wind gusts blew over a tractor trailer on Interstate-27 just north of Plainview (Hale County).



Photograph taken in Crosbyton of the southward facing portion of a building showing many broken windows. Photograph is from the NWS Storm Survey.

LUBBOCK COUNTY --- 0.9 NE WOLFFORTH [33.51, -102.01], 1.7 W LUBBOCK [33.58, -101.88]				
	05/17/18 15:18 CST		0	Hail (1.00 in)
	05/17/18 15:39 CST		0	Source: NWS Employee

A swath of hail up to quarter size moved northeast from Wolfforth into west Lubbock . The hail was described as soft which may have contributed to the lack of damage reports.

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HALE COUNTY --- 5.6 S HALE CENTER [33.99, -101.84]				
	05/17/18 15:37 CST		0	Hail (1.00 in)
	05/17/18 15:37 CST		0	Source: Public
No damage information was available.				
CASTRO COUNTY --- 0.9 NE HART [34.39, -102.11]				
	05/17/18 16:01 CST		0	Hail (1.00 in)
	05/17/18 16:01 CST		0	Source: Broadcast Media
No damage information was available.				
YOAKUM COUNTY --- 13.7 ESE PLAINS [33.09, -102.62]				
	05/17/18 16:08 CST		0	Hail (1.00 in)
	05/17/18 16:08 CST		0	Source: Trained Spotter
No damage information was available.				
SWISHER COUNTY --- 1.1 W VIGO PARK [34.65, -101.50]				
	05/17/18 16:49 CST		0	Thunderstorm Wind (MG 57 kt)
	05/17/18 16:49 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
FLOYD COUNTY --- 9.3 SE SOUTH PLAINS [34.14, -101.19]				
	05/17/18 16:52 CST		0	Hail (1.00 in)
	05/17/18 16:52 CST		0	Source: Public
No damage information was available.				
HALE COUNTY --- 8.8 SE SETH WARD [34.13, -101.57]				
	05/17/18 16:57 CST		0	Thunderstorm Wind (MG 57 kt)
	05/17/18 16:57 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
GARZA COUNTY --- 0.9 NE PLEASANT VLY [33.28, -101.49]				
	05/17/18 17:05 CST		0	Hail (1.25 in)
	05/17/18 17:05 CST		0	Source: Law Enforcement
Visibility was near zero in blowing dust. No hail damage information was available.				
MOTLEY COUNTY --- 1.9 ENE FLOMOT [34.23, -100.95]				
	05/17/18 17:09 CST		0	Hail (0.75 in)
	05/17/18 17:09 CST		0	Source: COOP Observer
GARZA COUNTY --- 0.7 N POST [33.19, -101.38], 4.5 NE JUSTICEBURG [33.08, -101.15]				
	05/17/18 17:30 CST		8K	Thunderstorm Wind (EG 78 kt)
	05/17/18 17:58 CST		0	Source: NWS Storm Survey
A series of downbursts caused a swath of light to moderate damage from Post southeast to Lake Alan Henry . In Post, the metal roof to the city maintenance building was peeled back causing some water damage to the materials and electronics inside. Farther southeast near Lake Alan Henry , very minor damage to boat storage facilities was noted in addition to a damaged road sign.				
GARZA COUNTY --- 1.5 NNE POST [33.20, -101.37]				
	05/17/18 17:30 CST		0	Thunderstorm Wind (MG 59 kt)
	05/17/18 17:30 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
GARZA COUNTY --- 8.8 ENE JUSTICEBURG [33.08, -101.06]				

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	05/17/18 17:58 CST		0	Thunderstorm Wind (MG 72 kt)
	05/17/18 17:58 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

MOTLEY COUNTY --- 0.7 S NORTHFIELD [34.27, -100.60]

05/17/18 18:05 CST	0	Thunderstorm Wind (MG 64 kt)
05/17/18 18:05 CST	0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

GARZA COUNTY --- 3.6 NNE JUSTICEBURG [33.08, -101.18]

05/17/18 18:12 CST	0	Hail (1.50 in)
05/17/18 18:12 CST	0	Source: Law Enforcement

Damage information was not available.

COTTLE COUNTY --- 0.4 WNW COLEYVILLE [34.23, -100.38]

05/17/18 18:40 CST	15K	Thunderstorm Wind (EG 70 kt)
05/17/18 18:40 CST	0	Source: Public

A downburst tore the roof from a patio. The roof proceeded to strike a nearby garage causing damage to the garage door and a pickup truck inside.

Scattered thunderstorms developed across the South Plains this afternoon and proceeded to move slowly eastward through the evening. A deep layer of dry air beneath these thunderstorms enhanced wind gusts with several of these storms and even resulted in a few destructive downbursts. Some severe hail also accompanied the more organized storms.

LUBBOCK COUNTY --- 0.9 NNW WEST CARLISLE [33.59, -101.96]

05/18/18 13:49 CST	0	Hail (1.00 in)
05/18/18 13:49 CST	0	Source: Public

Hail up to the size of quarters was reported near 4th Street and Milwaukee Avenue in Lubbock.

Isolated thunderstorms developed over the South Plains on the afternoon of the 18th. One of these storms became severe as it moved over northwestern portions of the city of Lubbock (Lubbock County) and dropped one inch size hail.

COTTLE COUNTY --- 0.7 S PADUCAH [34.01, -100.30]

05/19/18 16:20 CST	0	Hail (1.00 in)
05/19/18 16:20 CST	0	Source: Storm Chaser

Damage information was not available.

DICKENS COUNTY --- 1.7 W MC ADOO [33.73, -101.01]

05/19/18 18:00 CST	0	Hail (0.75 in)
05/19/18 18:00 CST	0	Source: Public

No damage was reported, but heavy rain of 1.6 inches was measured in addition to minor flooding.

DICKENS COUNTY --- 3.3 ESE BROADWAY [33.68, -101.02], 3.3 ESE BROADWAY [33.68, -101.02], 3.3 ESE BROADWAY [33.68, -101.02], 3.3 ESE BROADWAY [33.68, -101.02]

05/19/18 18:00 CST	0	Flash Flood (due to Heavy Rain)
05/19/18 19:30 CST	0	Source: Department of Highways

Torrential rain resulted in flowing water across US Highway 82 in far western Crosby County and disrupted travel for nearly one hour. Radar indicated a maximum of four inches of rain fell in nearby eastern Crosby County, but no reports of flooding were available in this area.

LUBBOCK COUNTY --- SLATON [33.43, -101.65], 3.1 E BURRIS [33.53, -101.73]

05/19/18 18:10 CST	10K	Hail (2.75 in)
05/19/18 18:12 CST	0	Source: Broadcast Media

A swath of very large hail from golf ball size to at times baseballs accompanied a stationary supercell thunderstorm in southeast Lubbock County. Photos from residents in Slaton indicated sporadic damage to some vehicles, with unknown damage elsewhere along the hail's footprint.

Storm Data and Unusual Weather Phenomena - May 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LUBBOCK COUNTY --- 3.1 NNE SLIDE [33.46, -101.88], 7.0 SW LUBBOCK [33.51, -101.94]				
	05/19/18 19:09 CST		30M	Hail (3.00 in)
	05/19/18 19:37 CST		0	Source: NWS Employee
<p>A pair of nearly stationary supercell storms inflicted heavy tolls on thousands of residents across South Lubbock . The largest hail from tennis ball to just over baseball size occurred along a swath from near Quaker Avenue and 130th Street to Slide Avenue and 122nd Street. On both sides of this line and extending outwards for a few miles, hail from quarter size to golf ball size was common. With very little storm movement, large hail fell for up to 15 minutes at some locations causing even greater damage. In Lubbock's Vintage Township alone, it was estimated that every home would require a new roof. Preliminary insurance data indicated approximately 4000 auto claims were filed, with an estimated 1200 homes potentially in need of new roofs. Many area auto body shops were required to work overtime to meet the onslaught of customers. Fortunately, very little wind accompanied the hail which prevented even greater damage to the siding and windows of most homes and buildings.</p>				
CROSBY COUNTY --- 6.2 NNE KALGARY [33.48, -101.10]				
	05/19/18 20:40 CST		30K	Hail (1.75 in)
	05/19/18 20:40 CST		0	Source: Public
<p>Many windshields were broken in White River Lake and at least one house window was shattered.</p>				
LUBBOCK COUNTY --- 0.9 NE WOLFFORTH [33.51, -102.01], 3.5 W LUBBOCK AIRPARK [33.48, -101.88]				
	05/19/18 20:45 CST		0	Hail (1.75 in)
	05/19/18 21:20 CST		0	Source: NWS Employee
<p>A swath of large hail up to golf ball size trekked east from Wolfforth to southwest Lubbock . Most of the hailstones were sub-severe in size. No known damage accompanied this round of hail.</p>				
DICKENS COUNTY --- 4.2 W SPUR [33.49, -100.92], 3.8 WNW SPUR [33.50, -100.91], 8.6 WNW SPUR [33.55, -100.98], 8.8 WNW SPUR [33.54, -100.99]				
	05/19/18 21:30 CST		0	Flash Flood (due to Heavy Rain)
	05/20/18 00:00 CST		0	Source: Department of Highways
<p>Flowing water was reported over several sections of FM Road 834 northwest of Spur. The road was temporarily closed overnight until flooding receded.</p>				
LYNN COUNTY --- 1.5 SSW TAHOKA [33.16, -101.79]				
	05/19/18 22:55 CST		0	Hail (1.75 in)
	05/19/18 22:55 CST		0	Source: Law Enforcement
<p>Damage information was not available.</p>				
KENT COUNTY --- 6.7 NW GIRARD [33.41, -100.76], 6.8 NNW GIRARD [33.44, -100.72], 3.1 NE GIRARD [33.38, -100.63], 0.5 WNW GIRARD [33.35, -100.68]				
	05/19/18 23:05 CST		0	Flash Flood (due to Heavy Rain)
	05/20/18 01:00 CST		0	Source: COOP Observer
<p>Highway 70 between Jayton and Spur was impassable due to mud and debris flows from floodwaters.</p>				
LAMB COUNTY --- 1.1 E AMHERST [34.02, -102.40]				
	05/20/18 00:55 CST		0	Thunderstorm Wind (MG 51 kt)
	05/20/18 00:55 CST		0	Source: Mesonet
<p>Measured by a Texas Tech University West Texas mesonet.</p>				
TERRY COUNTY --- 20.5 WNW NEW MOORE [33.11, -102.37], 4.3 NNW NEW MOORE [33.08, -102.06], 4.5 SSW NEW MOORE [32.96, -102.06], 19.3 WSW NEW MOORE [32.97, -102.36]				
	05/20/18 01:40 CST		0	Flash Flood (due to Heavy Rain)
	05/20/18 03:15 CST		0	Source: Department of Highways
<p>Many rural roads in southeast Terry County were flooded following two to six inches of rain that fell in the span of two hours . Thick mud deposits were commonplace and required removal in the following days.</p> <p>Scattered thunderstorms developed late this afternoon ahead of a dryline, initially in the Rolling Plains and then farther west and in greater number across the southern South Plains through late evening. Strong instability and moderate wind shear resulted in many of these storms becoming supercells, some with destructive hail to 3 inches in diameter, but very few severe wind gusts were reported. The south side of Lubbock was especially hard hit by very large hail that fell for up to 15 minutes in some locales. Total losses to</p>				

Storm Data and Unusual Weather Phenomena - May 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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homes and vehicles in Lubbock alone could exceed \$30 million. Some of these supercell storms were stationary at times which led to torrential rain, flash flooding and at least two road closures.