

Storm Data and Unusual Weather Phenomena - April 2019

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

HALL COUNTY --- LAKEVIEW [34.67, -100.70], 0.9 NW MEMPHIS [34.73, -100.54]

04/03/19 16:10 CST	0.50K	Hail (1.75 in)
04/03/19 16:36 CST	0	Source: Emergency Manager

A 12-mile long swath of severe hail ranging from quarter to golf ball size affected a strip of far north-central Hall County. The hail cracked a storm chaser's windshield on Highway 287 near Memphis, but additional damage to vehicles in the area was not known.

CHILDRESS COUNTY --- 14.8 W LOCO [34.72, -100.41], 3.2 S ARLIE [34.67, -100.08]

04/03/19 16:44 CST	0	Hail (2.50 in)
04/03/19 17:25 CST	0	Source: Storm Chaser

The hailstorm that began in northern Hall County continued to track east across far northern Childress County, this time with hailstones as large as tennis balls at times. However, the majority of the severe hail reports were generally golf ball size or smaller. No damage information was available.

Scattered thunderstorms developed late this afternoon in Swisher and Briscoe Counties and proceeded to intensify as they moved into Hall County. One of these storms became a supercell and tracked due east across northern Hall and northern Childress counties for the next two hours accompanied by hail at times as large as tennis balls. Damage was primarily focused to storm spotter and chaser vehicles, some of which reported shattered windshields.

GARZA COUNTY --- 8.9 ENE JUSTICEBURG [33.06, -101.05]

04/05/19 20:16 CST	0	Hail (1.00 in)
04/05/19 20:16 CST	0	Source: Public

No damage was reported.

LUBBOCK COUNTY --- 3.7 ENE WOLFFORTH [33.51, -101.96], 1.5 SSW DOUD [33.55, -101.94]

04/05/19 20:20 CST	0	Hail (0.88 in)
04/05/19 20:25 CST	0	Source: NWS Employee

A swath of hail up to nickel size fell across southwest Lubbock. No evidence of damage occurred.

GARZA COUNTY --- 2.2 NE JUSTICEBURG [33.05, -101.17]

04/05/19 20:28 CST	0	Hail (1.25 in)
04/05/19 20:28 CST	0	Source: Public

No damage was reported.

KENT COUNTY --- 5.2 W CLAIREMONT [33.17, -100.84]

04/05/19 20:50 CST	0	Hail (0.75 in)
04/05/19 20:50 CST	0	Source: COOP Observer

No damage was reported.

SWISHER COUNTY --- 0.7 N TULIA [34.54, -101.77]

04/05/19 21:38 CST	0	Hail (1.00 in)
04/05/19 21:38 CST	0	Source: Law Enforcement

No damage was reported.

KENT COUNTY --- 0.6 S JAYTON [33.24, -100.58], 0.6 E JAYTON [33.25, -100.57]

04/05/19 22:46 CST	0.30M	Thunderstorm Wind (EG 70 kt)
04/05/19 22:48 CST	0	Source: Emergency Manager

A downburst caused widespread damage to structures, trees, and about one dozen power poles in and around Jayton. Photos provided by the local Emergency Manager indicated numerous homes sustained mostly light roofing damage, although two homes completely lost their roofs. A few homes had west-facing windows blown out from airborne gravel and stones. Several trees were completely uprooted by these fierce straight line winds. Damage to structures was further compounded by waves of heavy rain overnight that caused water damage to walls, flooring, and personal property. An initial loss estimate of \$300K was assigned for all damages.

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GARZA COUNTY --- 7.3 NNE AUGUSTUS [33.23, -101.25], 2.6 SSW AUGUSTUS [33.10, -101.32], 0.8 NW JUSTICEBURG [33.04, -101.21], 10.8 NE AUGUSTUS [33.22, -101.15]

	04/05/19 23:00 CST	0	0	Flood (due to Heavy Rain)
	04/06/19 01:00 CST	0	0	Source: Public

Several rounds of thunderstorms late this night deposited between three and five inches of rain in a few hours over a large swath of eastern Garza County. Low lying sections of Highway 84 were reported by TX-DoT to have standing water of several inches deep.

Scattered to numerous thunderstorms developed early this evening across the southern South Plains and moved north and northeast. Instability and wind shear increased considerably after sunset and allowed a couple of these storms to become severe with sporadic hail, torrential rains, and one destructive downburst that caused an estimated \$300K in damage to the city of Jayton (Kent County).

(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-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN

	04/10/19 12:00 CST	1	0	High Wind (MAX 63 kt)
	04/10/19 22:00 CST	0	0	

Direct Fatalities: M??OU

A strong cyclone moving across the central Rockies into the central Plains created widespread high winds on the afternoon of the 10th. Areas across the South Plains and extreme southern Texas Panhandle saw sustained winds between 40 and 45 mph with gusts generally in the 60s. A Texas Tech University West Texas mesonet site near Anton (Hockley County) recorded the highest wind gust of 73 mph. Strong winds also created widespread blowing dust which reduced visibilities for areas on the South Plains. Minimum visibilities were generally between one half and one mile.

Maximum wind gusts per county are as follows per the Texas Tech University West Texas mesonet:

73 mph at Anton (Hockley County),
 69 mph at Plains (Yoakum County),
 69 mph at Aiken and Abernathy (Hale County),
 64 mph at Muleshoe (Bailey County),
 64 mph at Morton (Cochran County),
 64 mph at Olton (Lamb County),
 64 mph at Reese Center (Lubbock County),
 64 mph at Hart (Castro County)
 63 mph at Floydada (Floyd County),
 62 mph at Silverton (Briscoe County),
 62 mph at Turkey (Hall County),
 62 mph at Friona (Parmer County),
 61 mph at Vigo Park (Swisher County),
 59 mph at Brownfield (Terry County), and
 58 mph at New Home and Tahoka (Lynn County).

Maximum sustained winds per county are as follows per the Texas Tech University West Texas mesonet:

42 mph at Ralls (Crosby County).

STONEWALL COUNTY --- 4.8 SSE ASPERMONT ARPT [33.06, -100.22], 4.0 SSE ASPERMONT ARPT [33.07, -100.22]

	04/22/19 18:59 CST	0	0	Tornado (EFU, L: 0.86 mi , W: 30 yd)
	04/22/19 19:04 CST	0	0	Source: Social Media

Motorists in southern Stonewall County photographed a tornado about six miles south of Aspermont this evening. Based on information from law enforcement and photos provided on social media, this tornado traveled north over open land during its five minute duration and caused no damage while staying just west of Highway 83.

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

	04/22/19 23:30 CST	50K	0	Thunderstorm Wind (EG 61 kt)
	04/22/19 23:30 CST	0	0	Source: Law Enforcement

A downburst tore the roof and porch from of a small home, destroyed a grain silo, downed several power lines, and caused minor structural damage to a few buildings in Paducah. Additionally, heavy rains created extensive water damage to the home that lost its roof.

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Early this evening, a warm front moved north to near the US Highway 380 corridor from Brownfield east to Aspermont. Numerous thunderstorms developed on the cool side of this front, but a few of these storms interacted favorably with the front and became supercells. One such storm produced a tornado in Fisher County northeast of Roby before producing a second tornado as it moved into southern Stonewall County. Farther north and later in the night, a larger cluster of storms produced a destructive downburst in Paducah. Widespread soaking rainfall was common this evening and overnight, with some minor flooding in portions of Lynn and Childress Counties where 2 to 3 inches of rain fell over the course of several hours.



This EF0 tornado remained over open land about six miles south of Aspermont while traveling north and staying just west of Highway 83. Photo credit Chad Casey.

FLOYD COUNTY --- 3.3 NNW FLOYDADA [34.02, -101.36], 0.4 SW FLOYDADA [33.98, -101.34]

04/27/19 16:05 CST	0	Hail (1.50 in)
04/27/19 16:12 CST	0	Source: Law Enforcement

A swath of severe hail up to 1.5 inches in diameter fell in and near Floydada. Damage information was not available.

DICKENS COUNTY --- 6.9 W DICKENS [33.62, -100.95], 5.2 W SPUR [33.48, -100.94]

04/27/19 16:10 CST	0	Hail (1.25 in)
04/27/19 16:18 CST	0	Source: Trained Spotter

Severe hail up to half dollar size was reported, but damage information was not available.

KENT COUNTY --- JAYTON KENT CO ARPT [33.23, -100.57]

04/27/19 17:30 CST	0	Thunderstorm Wind (MG 55 kt)
04/27/19 17:30 CST	0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

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KENT COUNTY --- 1.2 E JAYTON KENT CO ARPT [33.23, -100.55]				
	04/27/19 17:45 CST		0	Hail (2.75 in)
	04/27/19 17:45 CST		0	Source: Trained Spotter

Damage information was not available.

STONEWALL COUNTY --- 2.1 ENE PEACOCK [33.19, -100.37], 2.7 S SWENSON [33.18, -100.33]				
	04/27/19 17:49 CST		0	Tornado (EFU, L: 2.35 mi , W: 30 yd)
	04/27/19 18:03 CST		0	Source: Storm Chaser

Multiple storm chasers documented a tornado drifting southeast near Peacock. This tornado did not cause any known damage as it remained over open land.

STONEWALL COUNTY --- 2.1 N PEACOCK [33.21, -100.40], 2.4 ESE ASPERMONT [33.14, -100.19]				
	04/27/19 17:54 CST		20K	Hail (2.75 in)
	04/27/19 18:25 CST		0	Source: Storm Chaser

A tornadic supercell produced a long swath of severe hail ranging in size from quarters to as large as baseballs at times. Damage photos from social media indicated some cars sustained heavy damage, but damage to homes or other property was not known.

Isolated thunderstorms erupted this afternoon along a southward moving cold front. The southeast movement to these storms allowed some to parallel the front and acquire supercell structures that created swaths of large to very large hail. An EFU tornado accompanied one of these supercells in Stonewall County and was photographed by many storm chasers.



Tornado over open land near Peacock, TX. Photo credit Michael Charnick.

LAMB COUNTY --- 9.0 W LITTLEFIELD [33.92, -102.48]				
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	04/30/19 15:28 CST		0	Hail (1.75 in)
	04/30/19 15:28 CST		0	Source: Law Enforcement

Damage was not known.

KENT COUNTY --- 10.3 S JAYTON KENT CO ARPT [33.08, -100.58]

	04/30/19 16:20 CST		0	Hail (1.75 in)
	04/30/19 16:20 CST		0	Source: Law Enforcement

Damage was not known.

HALE COUNTY --- 1.0 E COTTON CENTER [34.00, -101.98], 1.0 E HALE CENTER [34.07, -101.81]

	04/30/19 16:30 CST		0	Hail (1.75 in)
	04/30/19 16:45 CST		0	Source: Storm Chaser

Severe hail ranged in size from quarters near Hale Center to golf ball size near Cotton Center. Damage was not known.

HALE COUNTY --- 9.3 SE (PVW)HALE CO ARPT [34.09, -101.59]

	04/30/19 17:15 CST		0	Hail (2.50 in)
	04/30/19 17:15 CST		0	Source: Social Media

Photos on social media indicated hail around tennis ball size fell in extreme eastern Hale County. Damage was not known.

FLOYD COUNTY --- LOCKNEY [34.12, -101.43]

	04/30/19 17:38 CST		0	Hail (0.75 in)
	04/30/19 17:38 CST		0	Source: Broadcast Media

No damage was reported.

A dryline over the western South Plains encountered an advancing warm front this afternoon. Very unstable air with dewpoints in the 60s yielded moderate to strong instability. Ample wind shear provided plenty of support for storms to become supercells, one of which produced very large hail to tennis ball size.

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Hail near tennis ball size fell southeast of Plainview. Photo credit David Garcia.