

Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
CHILDRESS COUNTY --- 2.0 WNW CHILDRESS [34.44, -100.23]				
	05/03/17 16:54 CST	0		Hail (0.88 in)
	05/03/17 16:58 CST	0		Source: Public
An employee at the Flying J truck stop observed hail up to dime size for several minutes along with very strong winds. No damage was noted.				
CHILDRESS COUNTY --- 1.1 E (CDS)CHILDRESS ARPT [34.43, -100.28]				
	05/03/17 16:55 CST	0		Thunderstorm Wind (MG 55 kt)
	05/03/17 16:55 CST	0		Source: ASOS
Measured by the Childress ASOS.				
Despite cool temperatures around 70 degrees, very cold mid-level temperatures late this afternoon supported moderate instability across the southeast Texas Panhandle. A weak cold front focused lift in Childress County and led to a severe thunderstorm which impacted the west edge of Childress.				
COCHRAN COUNTY --- 5.1 NNW MORTON COCHRAN CO AR [33.80, -102.76], 6.5 NNW MORTON COCHRAN CO AR [33.82, -102.76]				
	05/09/17 18:30 CST	0		Hail (2.50 in)
	05/09/17 18:30 CST	0		Source: Storm Chaser
A swath of severe hail moved over Texas Highway 214, with hailstones estimated as big as tennis ball size. No damage was reported.				
PARMER COUNTY --- 13.2 NW PARMERTON [34.70, -102.99]				
	05/09/17 18:31 CST	0		Hail (2.00 in)
	05/09/17 18:31 CST	0		Source: Fire Department/Rescue
No damage was reported.				
BAILEY COUNTY --- 4.1 E ENOCHS [33.86, -102.70]				
	05/09/17 18:46 CST	0		Tornado (EFU, L: 0.01 mi , W: 20 yd)
	05/09/17 18:46 CST	0		Source: Storm Chaser
Storm chasers observed a very brief and narrow tornado over open land east of Enochs.				
LAMB COUNTY --- 0.7 N FRIENDSHIP [33.99, -102.60]				
	05/09/17 19:18 CST	0		Hail (2.00 in)
	05/09/17 19:18 CST	0		Source: Storm Chaser
No damage was reported.				
BAILEY COUNTY --- 6.3 NE MULESHOE WARREN ARPT [34.30, -102.63], 0.9 NW FAIRVIEW [34.11, -102.63], 5.9 NW BAILEYBORO [34.10, -102.88], 2.2 NW PROGRESS [34.30, -102.85]				
	05/09/17 19:25 CST	0		Flash Flood (due to Heavy Rain)
	05/09/17 23:45 CST	0		Source: Department of Highways
Multiple rounds of thunderstorms affected northeast Bailey County this evening and produced up to 3.78 inches of rainfall as measured by a Texas Tech University West Texas Mesonet station near Muleshoe. Texas Department of Transportation closed some rural roads south of Muleshoe due to water and mudflows breaching fields.				
LAMB COUNTY --- 0.6 W SUDAN [34.07, -102.54]				
	05/09/17 19:45 CST	0		Tornado (EFU, L: 0.01 mi , W: 15 yd)
	05/09/17 19:45 CST	0		Source: Storm Chaser
A very narrow tornado was observed for a few seconds over a field.				
LAMB COUNTY --- 1.8 NW SUDAN [34.09, -102.55]				
	05/09/17 19:45 CST	0		Hail (1.25 in)
	05/09/17 19:45 CST	0		Source: Storm Chaser

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No damage was reported.				
COCHRAN COUNTY --- 9.6 SSW LEHMAN [33.49, -102.86]				
	05/09/17 20:31 CST		0	Tornado (EFU, L: 0.01 mi , W: 30 yd)
	05/09/17 20:32 CST		0	Source: Trained Spotter
A storm chaser observed a rope tornado illuminated by lightning.				
BAILEY COUNTY --- 0.4 W MULESHOE [34.22, -102.74], 0.7 E MULESHOE [34.22, -102.72]				
	05/09/17 21:47 CST		0.12M	Hail (1.75 in)
	05/09/17 21:51 CST		0	Source: Public
Copious amounts of hail up to golf ball size caused various degrees of damage to vehicles and roofing shingles, mainly across southern sections of Muleshoe.				
LAMB COUNTY --- 0.6 W LITTLEFIELD [33.92, -102.33]				
	05/09/17 21:54 CST		0	Hail (1.00 in)
	05/09/17 21:54 CST		0	Source: County Official
No damage was reported.				
LAMB COUNTY --- 2.8 NNE HART CAMP [34.07, -102.14]				
	05/09/17 22:20 CST		0	Hail (1.00 in)
	05/09/17 22:20 CST		0	Source: Storm Chaser
No damage was reported.				
<p>Scattered supercell thunderstorms developed in the High Plains of eastern New Mexico this afternoon, before spreading northeast into the western South Plains of Texas accompanied by very large hail at times. Some of these storms acquired low-level rotation and resulted in small, brief tornadoes over open land. Also, repeated storms in portions of Bailey County resulted in several inches of rain through the evening. The ensuing flash flood forced the Texas Department of Transportation to close some rural roads, mainly south of Muleshoe (Bailey County) where water and mud flowing over roads made travel impossible.</p>				
MOTLEY COUNTY --- 0.9 SW WHITEFLAT [34.09, -100.89]				
	05/10/17 13:43 CST		0	Hail (1.25 in)
	05/10/17 13:43 CST		0	Source: Storm Chaser
A storm chaser reported ping pong size hail several miles northwest of Matador on State Highway 70.				
MOTLEY COUNTY --- 2.7 E MATADOR [34.02, -100.77]				
	05/10/17 13:54 CST		0	Tornado (EFU, L: 0.01 mi , W: 10 yd)
	05/10/17 13:54 CST		0	Source: Storm Chaser
A storm chaser documented a brief tornado east of Matador. No damage occurred, therefore an EF-Unknown rating was assigned.				
COTTLE COUNTY --- CEE VEE [34.22, -100.45], 0.4 NE CEE VEE [34.22, -100.45]				
	05/10/17 14:26 CST		0	Hail (4.00 in)
	05/10/17 14:30 CST		0	Source: Public
A resident of Cee Vee observed hail as large as softball size (4 inches). Also, a storm chaser nearby reported baseball size hail. Fortunately, there were no reports of damage.				
COTTLE COUNTY --- 3.1 NNE DUNLAP [34.17, -100.29], 3.1 N DUNLAP [34.17, -100.29]				
	05/10/17 14:37 CST		0	Tornado (EFU, L: 0.01 mi , W: 10 yd)
	05/10/17 14:38 CST		0	Source: Storm Chaser
A storm chaser reported a brief tornado touchdown near US Highway 83 east of Cee Vee. No damage was reported, therefore an EF-Unknown rating was assigned.				
COTTLE COUNTY --- 3.9 WSW LAZARE [34.30, -100.06], 2.8 WSW LAZARE [34.31, -100.05]				
	05/10/17 14:58 CST		0	Tornado (EFU, L: 1.05 mi , W: 25 yd)
	05/10/17 15:00 CST		0	Source: Storm Chaser

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Multiple storm chasers and research meteorologists observed a tornado that crossed Farm to Market Road 1033 just south of the Cottle/Childress County line. No damage was evident, therefore an EF-Unknown rating was assigned.				

COTTLE COUNTY --- 2.6 SSW LAZARE [34.29, -100.02]

05/10/17 15:00 CST	0	Thunderstorm Wind (EG 70 kt)
05/10/17 15:00 CST	0	Source: Law Enforcement

A wind gust to 80 mph was reported just to the west of the Cottle/Hardeman County line along Farm to Market Road 104. This wind gust was associated with the supercell thunderstorm's rear flank downdraft.

CHILDRESS COUNTY --- 1.9 E KIRKLAND [34.38, -100.04]

05/10/17 15:07 CST	0	Hail (1.75 in)
05/10/17 15:07 CST	0	Source: Storm Chaser

A storm chaser reported golf ball size hail along US Highway 287 southeast of Kirkland.

HALL COUNTY --- 19.3 NNE QUITAQUE [34.63, -100.94], 5.2 SW BRICE [34.64, -100.93]

05/10/17 15:44 CST	0	Tornado (EFU, L: 0.36 mi , W: 50 yd)
05/10/17 15:45 CST	0	Source: Broadcast Media

Broadcast media confirmed a brief tornado wrapping in rain south-southwest of Brice in Hall County. This tornado remained over open ranch land and did not produce damage.

HALL COUNTY --- 1.4 SW BRICE [34.68, -100.90], 2.1 WNW LESLEY [34.68, -100.84]

05/10/17 15:45 CST	0	Hail (2.75 in)
05/10/17 15:59 CST	0	Source: Law Enforcement

The Hall County Sheriff's office reported a swath of hail ranging from quarter size to baseball size to the south and southeast of Brice along State Highway 256. No damage was reported.

HALL COUNTY --- 1.2 WNW MEMPHIS [34.72, -100.55], MEMPHIS [34.72, -100.53]

05/10/17 16:28 CST	0	Hail (1.75 in)
05/10/17 16:39 CST	0	Source: Law Enforcement

Law enforcement in Hall County and storm chasers reported hail up to golf ball size in Memphis. No damage was reported.

A strong and slow moving upper level low pressure system brought severe storms for a second consecutive day across the region. Strong instability developed again during the afternoon hours among strong deep layer wind shear. Isolated storms initially developed by mid afternoon along a warm front oriented from west to east from the eastern South Plains through the northern Rolling Plains. A few of these storms quickly became severe with supercell structures, two of which produced tornadoes that caused no damage.

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Hail as large as softballs fell in Cee Vee, TX on May 10, 2017. Photo courtesy of Neweta Quinn Carroll.

CROSBY COUNTY --- RALLS [33.68, -101.38]

05/14/17 17:00 CST	0		Hail (1.50 in)
05/14/17 17:00 CST	0		Source: Public

A resident of Ralls reported sporadic hail as large as ping pong balls. No damage was observed.

HOCKLEY COUNTY --- 5.9 WSW ROUNDUP [33.73, -102.19]

05/14/17 18:50 CST	0		Thunderstorm Wind (MG 50 kt)
05/14/17 18:50 CST	0		Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

CROSBY COUNTY --- 7.1 SSE CROSBYTON MUNI ARPT [33.53, -101.17]

05/14/17 20:25 CST	0		Thunderstorm Wind (MG 51 kt)
05/14/17 20:25 CST	0		Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

Numerous high based thunderstorms developed late this afternoon from the central South Plains northeast to the far southeast Panhandle within a persistent axis of diffluence aloft. Although dewpoints were only in the 40s and mixed layer CAPE values were below 1000 J/kg, ample downdraft CAPE resulted in some of these pulse storms producing downbursts with one storm even producing hail to ping pong ball size.

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CHILDRESS COUNTY --- 2.1 S KIRKLAND [34.35, -100.07], KIRKLAND [34.38, -100.07]				
	05/16/17 16:47 CST		0	Hail (0.88 in)
	05/16/17 16:50 CST		0	Source: Law Enforcement
Penny to nickel size hail occurred from a supercell storm. Damage, if any, was not known.				
CHILDRESS COUNTY --- 0.7 N KIRKLAND [34.39, -100.07]				
	05/16/17 17:03 CST		0	Hail (1.00 in)
	05/16/17 17:03 CST		0	Source: Law Enforcement
Law enforcement in Kirkland reported hail up to quarter size covering some roads to several inches deep. No information about possible damage was available.				
STONEWALL COUNTY --- PEACOCK [33.18, -100.40]				
	05/16/17 18:35 CST		2K	Thunderstorm Wind (EG 61 kt)
	05/16/17 18:35 CST		0	Source: Public
A downburst carried the roof from an unoccupied mobile home.				
KENT COUNTY --- 4.7 W GIRARD [33.36, -100.75]				
	05/16/17 19:16 CST		0	Hail (0.88 in)
	05/16/17 19:16 CST		0	Source: Public
No damage accompanied the hail.				
GARZA COUNTY --- JUSTICEBURG [33.03, -101.20], 2.2 NE JUSTICEBURG [33.05, -101.17]				
	05/16/17 19:45 CST		0	Hail (1.80 in)
	05/16/17 19:50 CST		0	Source: Public
No damage information was available.				
GARZA COUNTY --- 2.2 NE JUSTICEBURG [33.05, -101.17]				
	05/16/17 21:04 CST		0	Hail (0.90 in)
	05/16/17 21:04 CST		0	Source: Public
The public measured hail as large as 0.90 inches in diameter. Damage, if any, was not available.				
KENT COUNTY --- 5.9 ESE CLAIREMONT [33.15, -100.65], 6.6 ESE CLAIREMONT [33.14, -100.64]				
	05/16/17 21:44 CST		30K	Thunderstorm Wind (EG 61 kt)
	05/16/17 21:44 CST		0	Source: COOP Observer
South Plains Electric Cooperative reported that ten power poles were blown over along State Highway 70 just south of US Highway 380 southwest of Jayton. Furthermore, a sheriff's deputy with Kent County reported that windows in a barn were destroyed; most likely by wind driven hail.				
Rich moisture ahead of a sharp dryline and vigorous upper trough helped fuel isolated supercell thunderstorms this afternoon, particularly in the southeast Texas Panhandle and the southern Rolling Plains. Although these areas were spared from the most volatile hail and tornado threat realized farther north in the Texas Panhandle, a few severe hail and wind events still unfolded east of the Caprock. By sunset, a Pacific cold front collided with the dryline southeast of Lubbock and resulted in a squall line. This squall line resulted in wind damage and wind driven hail damage in southern Kent County.				
KING COUNTY --- GUTHRIE [33.62, -100.33]				
	05/18/17 12:45 CST		0	Hail (1.75 in)
	05/18/17 12:45 CST		0	Source: Law Enforcement
Law enforcement in King County and a cooperative weather observer reported hail ranging from quarter size to golf ball size in and around Guthrie. No damage was reported.				
A very strong upper level low pressure system over the central Rockies pushed dry air over the South Plains and much of the Rolling Plains. Substantial moisture existed east of a dryline located around the US Highway 83 corridor. Isolated thunderstorms developed from Childress County southward through King County. One of these storms became severe over King County before quickly moving into northwest Texas and southwest Oklahoma.				
STONEWALL COUNTY --- 1.0 NW ASPERMONT [33.16, -100.24]				

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	05/19/17 17:55 CST		0	Hail (1.75 in)
	05/19/17 17:55 CST		0	Source: Law Enforcement

Law enforcement in Stonewall County reported hail up to golf ball size. No damage was reported.

LUBBOCK COUNTY --- 5.0 S WOLFFORTH [33.43, -102.02], 7.0 SW LUBBOCK [33.51, -101.94]

05/19/17 22:09 CST	0	Hail (1.00 in)
05/19/17 22:25 CST	0	Source: NWS Employee

Several NWS employees reported hail up to quarter size from south of Wolfforth to the southwest portion of the city of Lubbock.

Early evening thunderstorms developed over the southern Rolling Plains south of a stalled cold front. Some of these storms became severe over Stonewall County producing golf ball size hail. Late in the evening and behind the front, a compact supercell thunderstorm developed in far southwest Lubbock County and affected areas from just south of Wolfforth (Lubbock County) east to the southern extent of Lubbock (Lubbock County).

KENT COUNTY --- 8.0 WNW CLAIREMONT [33.21, -100.88], 15.0 SE CLAIREMONT [33.02, -100.57]

05/22/17 16:05 CST	0	Hail (2.00 in)
05/22/17 17:18 CST	0	Source: Storm Chaser

Storm chasers observed severe hail ranging in size from quarters to as great as two inches in diameter within a hail swath estimated to be 23 miles in length. The largest hail report occurred at 1652 CST, about nine miles southeast of Clairemont on Highway 70. It is likely that vehicles along Highways 380 and 70 sustained hail damage, but no specific information was available.

A single supercell thunderstorm developed in extreme northeast Garza County late this afternoon and proceeded to turn southeast while moving across Kent County. Despite temperatures only in the 70s, strong wind shear and instability allowed this storm to produce a long swath of severe hail, with some hailstones up to two inches in diameter at times.