

Storm Data and Unusual Weather Phenomena - April 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
LYNN COUNTY --- 0.9 NE NEW HOME [33.33, -101.91]				
	04/10/16 15:02 CST	0		Hail (0.88 in)
	04/10/16 15:02 CST	0		Source: Public
Report received via Twitter. No damage was noted.				
LUBBOCK COUNTY --- 2.4 WNW SLATON [33.44, -101.69]				
	04/10/16 15:22 CST	0		Hail (1.50 in)
	04/10/16 15:22 CST	0		Source: Public
A photo from Facebook indicated hail of about 1.5 inches in diameter near Slaton. Damage was not known.				
LUBBOCK COUNTY --- 1.4 S SLATON MUNI ARPT [33.46, -101.67]				
	04/10/16 15:25 CST	0		Hail (0.75 in)
	04/10/16 15:25 CST	0		Source: Trained Spotter
Penny size hail was estimated near the All American Chevrolet dealership northwest of Slaton. No damage was noted.				
CROSBY COUNTY --- 2.2 SW OWENS [33.55, -101.38], 1.5 NNE OWENS [33.59, -101.34]				
	04/10/16 16:01 CST	0		Hail (2.50 in)
	04/10/16 16:10 CST	0		Source: Storm Chaser
A swath of hail as large as tennis balls at times fell south of Ralls and Lorenzo. Damage was unknown.				
DICKENS COUNTY --- 1.6 W DICKENS [33.62, -100.86], 0.4 NE DICKENS [33.62, -100.83]				
	04/10/16 17:17 CST	0.15M		Hail (2.50 in)
	04/10/16 17:30 CST	0		Source: Law Enforcement
Golf ball size hail began falling in Dickens around 1717 CST and for the next 13 minutes proceeded to grow to tennis ball size resulting in extensive damage to cars. Many trees were stripped of their leaves and some homes would likely require new roofs.				
HALE COUNTY --- 0.7 N HALFWAY [34.19, -101.95], 0.6 E EDMONSON [34.28, -101.89]				
	04/10/16 17:31 CST	0		Hail (1.75 in)
	04/10/16 17:40 CST	0		Source: Public
Hail from quarter to golf ball size fell from Halfway to Edmonson. Damage was unknown.				
SWISHER COUNTY --- KRESS [34.37, -101.75]				
	04/10/16 18:05 CST	0		Hail (2.00 in)
	04/10/16 18:05 CST	0		Source: Broadcast Media
Broadcast media relayed a report of 2-inch hail near Kress. Damage was not known.				
KING COUNTY --- 5.1 NNE GUTHRIE 6666 ARPT [33.70, -100.32]				
	04/10/16 18:26 CST	0		Hail (2.50 in)
	04/10/16 18:26 CST	0		Source: Storm Chaser
A storm chaser estimated tennis ball size hail north of Guthrie on US Highway 83. Damage was not reported.				
SWISHER COUNTY --- 9.1 E KRESS [34.37, -101.59]				
	04/10/16 18:32 CST	0		Hail (0.75 in)
	04/10/16 18:32 CST	0		Source: Trained Spotter
Penny size hail was estimated in Claytonville with no damage reported.				
CASTRO COUNTY --- 0.9 NE HART [34.39, -102.11]				
	04/10/16 18:56 CST	0		Hail (1.25 in)
	04/10/16 18:56 CST	0		Source: Fire Department/Rescue

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The Hart Fire Department estimated hail of 1.25 inches in diameter. Damage was not reported.

HALL COUNTY --- LAKEVIEW [34.67, -100.70]

04/10/16 19:07 CST	0	Hail (1.50 in)
04/10/16 19:07 CST	0	Source: Public

A photo from the public in Lakeview indicated hail of about 1.5 inches in diameter. Damage was not known.

HALL COUNTY --- 1.3 WSW TURKEY [34.39, -100.90]

04/10/16 19:30 CST	0	Hail (1.75 in)
04/10/16 19:30 CST	0	Source: Trained Spotter

A storm spotter in Turkey estimated hail as large as golf balls. No damage was reported.

Scattered severe thunderstorms erupted this afternoon along and ahead of a dryline over the western and northern South Plains. A few of these storms were supercellular with one long-lived supercell that tracked from New Home east to Dickens and near Guthrie before eventually dissipating north of Seymour after sunset. For about four hours, this supercell was a prolific hail producer and created extensive damage particularly in Dickens where hail up to tennis ball size stripped trees, shattered car windows and damaged building rooftops. Farther north, clusters of severe storms and some supercells produced severe hail, albeit with less ferocity than the long-lived supercell.

LUBBOCK COUNTY --- 2.0 S IDALOU [33.64, -101.68]

04/11/16 13:20 CST	0	Dust Devil
04/11/16 13:25 CST	0	Source: Broadcast Media

A large dust devil near Idalou (Lubbock County) was captured on video relayed by broadcast media. The dust devil formed along a surface boundary and remained in open field for the duration.

DICKENS COUNTY --- 1.7 W SPUR [33.48, -100.88], 1.3 WNW SPUR [33.49, -100.87]

04/16/16 14:50 CST	0.50K	Thunderstorm Wind (MG 63 kt)
04/16/16 14:55 CST	0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet. This same wind gust collapsed an old outbuilding on the northwest side of Spur.

FLOYD COUNTY --- 5.0 S SOUTH PLAINS [34.15, -101.31], 5.0 S SOUTH PLAINS [34.15, -101.31], 5.0 S SOUTH PLAINS [34.15, -101.31], 5.0 S SOUTH PLAINS [34.15, -101.31]

04/16/16 15:20 CST	0	Flood (due to Heavy Rain)
04/16/16 16:00 CST	0	Source: Amateur Radio

Water of one to two feet was covering a segment of Texas State Highway 207.

KENT COUNTY --- 7.6 N CLAIREMONT [33.28, -100.78], 7.7 N CLAIREMONT [33.28, -100.77]

04/16/16 15:55 CST	0	Tornado (EF0, L: 0.11 mi , W: 40 yd)
04/16/16 15:56 CST	0	Source: Storm Chaser

Storm chasers documented a brief EF-0 tornado west of US Highway 208 about 8.5 miles southwest of Girard. No damage survey was conducted as the tornado remained over undeveloped land.

DICKENS COUNTY --- 12.4 ESE DICKENS [33.58, -100.62], 12.6 E DICKENS [33.59, -100.61]

04/16/16 16:50 CST	0	Tornado (EF0, L: 0.75 mi , W: 150 yd)
04/16/16 16:53 CST	0	Source: Storm Chaser

A storm chaser documented a large cone tornado. No damage survey was conducted as the tornado remained over undeveloped land.

DICKENS COUNTY --- 2.1 NNW SPUR [33.51, -100.86]

04/16/16 17:00 CST	0	Hail (1.00 in)
04/16/16 17:00 CST	0	Source: Law Enforcement

No damage was reported.

DICKENS COUNTY --- 16.2 ESE AFTON [33.66, -100.54], 16.2 ESE AFTON [33.66, -100.54]

04/16/16 17:05 CST	0	Tornado (EF0, L: 0.01 mi , W: 50 yd)
04/16/16 17:06 CST	0	Source: Storm Chaser

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The third and final tornado from a cyclic tornadic supercell occurred for about one minute over open land in northeast Dickens County. No damage survey was conducted as the tornado remained over undeveloped land.

KING COUNTY --- 1.4 S DUMONT [33.80, -100.52]

	04/16/16 17:23 CST	0		Hail (1.00 in)
	04/16/16 17:23 CST	0		Source: COOP Observer

No damage was reported.

KING COUNTY --- 1.4 S DUMONT [33.80, -100.52]

	04/16/16 18:00 CST	0		Hail (1.00 in)
	04/16/16 18:00 CST	0		Source: COOP Observer

A second storm produced quarter size hail at the same location as the prior event. No damage was reported, but the hail was said to have completely covered the ground.

KING COUNTY --- 2.3 E FINNEY [33.78, -100.34], 1.1 SW GROW [33.81, -100.34]

	04/16/16 18:15 CST	0		Hail (2.25 in)
	04/16/16 18:28 CST	0		Source: Storm Chaser

A swath of severe hail ranging from the size of quarters to hen eggs fell along a stretch of US Highway 83 north of Guthrie. Damage was not known.

COTTLE COUNTY --- 7.0 S PADUCAH [33.92, -100.30]

	04/16/16 18:26 CST	0		Hail (1.75 in)
	04/16/16 18:26 CST	0		Source: Fire Department/Rescue

The fire department in Paducah reported golf ball size hail south of Paducah along US Highway 83. About 15 minutes later, a storm chaser reported one inch hail up to four inches deep along the highway. No damage was reported.

COTTLE COUNTY --- 10.0 SW PADUCAH [33.92, -100.42]

	04/16/16 18:58 CST	1K		Hail (1.75 in)
	04/16/16 18:58 CST	0		Source: Mesonet

Hail up to the size of golf balls damaged a Texas Tech University mesonet site ten miles southwest of Paducah.

COTTLE COUNTY --- 0.5 SSW PADUCAH [34.01, -100.30], 0.7 SSW PADUCAH [34.01, -100.30], 0.7 S PADUCAH [34.01, -100.30], 0.4 S PADUCAH [34.01, -100.30]

	04/16/16 19:10 CST	0		Flood (due to Heavy Rain)
	04/16/16 20:10 CST	0		Source: Law Enforcement

At least six inches of water was over the road at the intersection of US Highways 70 and 83 in Paducah.

In advance of a slow-moving upper low in the Four Corners, a dryline over the eastern South Plains focused thunderstorm development by early afternoon. As these storms moved northeast and off the Caprock, they intensified with some becoming supercells. These supercells produced copious amounts of severe hail and heavy rainfall that resulted in some flooding. One supercell produced three EF-0 tornadoes from northwest King County into eastern Dickens County. All tornadoes remained over open land and were documented by storm chasers.

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Photo of a brief EF-0 tornado southwest of Girard, TX. Image courtesy of Joe Ponce.

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

04/19/16 12:55 CST	0	Hail (1.00 in)
04/19/16 12:55 CST	0	Source: Storm Chaser

A storm chaser reported quarter size hail near the hospital in Lockney. No damage was reported.

DICKENS COUNTY --- SPUR [33.48, -100.85]

04/19/16 16:11 CST	0	Hail (0.88 in)
04/19/16 16:11 CST	0	Source: COOP Observer

An NWS cooperative weather observer in Spur reported nickel size hail in Spur. No damage was reported.

KENT COUNTY --- 5.0 W GIRARD [33.35, -100.76]

04/19/16 18:40 CST	0	Hail (1.00 in)
04/19/16 18:40 CST	0	Source: Trained Spotter

A storm spotter reported quarter size hail west of Girard. No damage was reported.

KENT COUNTY --- 2.0 SW CLAIREMONT [33.15, -100.78]

04/19/16 19:19 CST	0	Hail (2.00 in)
04/19/16 19:19 CST	0	Source: Storm Chaser

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A storm chaser reported two inch hail along US Highway 380 about two miles southwest of Clairemont. No damage was reported.

A short wave rotating around an upper level low coupled with a moist low level air mass initiated thunderstorms early in the day. These storms moved into an increasingly favorable environment over the Rolling Plains and gained supercellular characteristics. Several of these scattered thunderstorms became severe as they mostly moved over rural land.

GARZA COUNTY --- 8.2 NE AUGUSTUS [33.21, -101.20]

	04/20/16 17:46 CST	0	Hail (1.50 in)
	04/20/16 17:46 CST	0	Source: NWS Employee

An off duty NWS employee reported ping pong ball size hail in Garza County at the intersection of US Highway 380 and Farm to Market Road 2008.

SWISHER COUNTY --- TULIA [34.53, -101.77]

	04/20/16 18:50 CST	0	Hail (1.00 in)
	04/20/16 18:50 CST	0	Source: Law Enforcement

The Tulia Police Department reported quarter size hail in Tulia. No damage was reported.

FLOYD COUNTY --- 3.0 N FLOYDADA [34.02, -101.33]

	04/20/16 20:22 CST	0	Hail (1.00 in)
	04/20/16 20:22 CST	0	Source: Storm Chaser

A storm chaser reported quarter size hail about three miles north of Floydada along Texas State Highway 207. No damage was reported.

(TX-Z034) HOCKLEY

	04/20/16 20:50 CST	0	High Wind (MAX 51 kt)
	04/20/16 20:50 CST	0	

CROSBY COUNTY --- 1.7 W BROADWAY [33.70, -101.10]

	04/20/16 21:39 CST	0	Hail (1.00 in)
	04/20/16 21:39 CST	0	Source: Storm Chaser

A storm chaser reported quarter size hail. No damage was reported.

DICKENS COUNTY --- DICKENS [33.62, -100.83]

	04/20/16 21:43 CST	0	Hail (0.75 in)
	04/20/16 21:43 CST	0	Source: Law Enforcement

DICKENS COUNTY --- SPUR [33.48, -100.85]

	04/20/16 22:15 CST	0	Hail (1.00 in)
	04/20/16 22:15 CST	0	Source: COOP Observer

An NWS cooperative weather observer reported quarter size hail. No damage was reported.

KENT COUNTY --- 3.4 SE GIRARD [33.32, -100.62]

	04/20/16 22:55 CST	0	Hail (1.00 in)
	04/20/16 22:55 CST	0	Source: Storm Chaser

A storm chaser reported quarter size hail. No damage was reported.

A short wave and a surface cold front were instrumental in initiating storms across northeastern New Mexico and these storms moved southeastward into West Texas. Some of the storms became severe as they tracked across the South Plains and Rolling Plains. Earlier in the afternoon, isolated thunderstorms formed along a dryline. One of these storms produced severe hail in Garza County. Additionally, virga showers created a wind gust to 59 mph at a Texas Tech University West Texas mesonet station near Anton (Hockley County).

(TX-Z023) SWISHER, (TX-Z032) COTTLE, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z043) KENT

	04/26/16 14:05 CST	5K	High Wind (MAX 57 kt)
	04/26/16 18:00 CST	0	

In the wake of a sharp dry line, strong southwest winds developed this afternoon in response to a vigorous upper level low exiting the Four Corners. As strong upper level lift and mid-level cooling moved east, virga and light rain showers enhanced these winds resulting

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in some high wind gusts. One of these wind gusts in Lubbock created minor structural damage and collapsed a parking structure. A few trees were also toppled in the city of Lubbock. Also, widespread blowing dust was common on the South Plains with visibilities as low as 2.5 miles at Lubbock's Preston Smith Airport. All measured wind gusts listed in this event are from the Texas Tech University West Texas mesonet stations.



Wind damage to a parking overhang in Lubbock at 1204 Broadway Avenue. Photo by Caleb Holder, KCBD-TV news.

FLOYD COUNTY --- LOCKNEY [34.12, -101.43], SOUTH PLAINS [34.22, -101.32]

04/28/16 15:24 CST	0	Hail (1.75 in)
04/28/16 15:40 CST	0	Source: Trained Spotter

Multiple reports, by Lockney fire department and storm chasers, of hail up to the size of golf balls were reported from Lockney to South Plains . No damage was reported.

CROSBY COUNTY --- 1.0 S CONE [33.77, -101.38]

04/28/16 16:06 CST	0	Hail (0.88 in)
04/28/16 16:06 CST	0	Source: Storm Chaser

BRISCOE COUNTY --- QUITAQUE [34.37, -101.05], 2.7 N QUITAQUE [34.41, -101.05]

04/28/16 16:08 CST	0.50K	Hail (1.75 in)
04/28/16 16:16 CST	0	Source: Emergency Manager

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Multiple reports were received of hail up to the size of golf balls from Quitaque to Caprock Canyons State Park. The Texas Tech University West Texas mesonet station at the state park sustained minor hail damage.				

HALL COUNTY --- 2.6 SSW TURKEY [34.36, -100.89], 1.4 SW TURKEY [34.39, -100.90]

04/28/16 16:11 CST	10K	Hail (1.75 in)
04/28/16 16:30 CST	0	Source: COOP Observer

An NWS cooperative weather observer in Turkey, and a few citizens of Turkey, reported hail up to the size of golf balls. This hail persisted for almost 20 minutes. Damage to windows and car windshields was reported.

FLOYD COUNTY --- 3.5 SE MC COY [33.84, -101.38], 2.3 E FLOYDADA MUNI ARPT [33.98, -101.28]

04/28/16 16:14 CST	0	Hail (2.00 in)
04/28/16 16:51 CST	0	Source: Emergency Manager

Hail up to two inches in diameter occurred in Floyd County. Multiple reports were received from storm chasers, NWS cooperative weather observers, and emergency managers. However, no reports of damage were received.

HALL COUNTY --- 5.0 SE TURKEY [34.35, -100.82]

04/28/16 16:40 CST	0	Tornado (EF0, L: 0.06 mi , W: 10 yd)
04/28/16 16:40 CST	0	Source: Storm Chaser

A storm chaser captured video of a very brief landspout tornado in Hall County.

HALL COUNTY --- 3.0 S ESTELLINE [34.51, -100.43]

04/28/16 17:25 CST	0	Hail (1.00 in)
04/28/16 17:25 CST	0	Source: Public

The public reported hail up to the size of quarters about three miles south of Estelline.

HALL COUNTY --- 3.0 S ESTELLINE [34.51, -100.43]

04/28/16 17:25 CST	0	Thunderstorm Wind (EG 52 kt)
04/28/16 17:25 CST	0	Source: Public

The public reported several tree limbs downed by strong winds estimated to be around 60 mph.

COTTLE COUNTY --- CEE VEE [34.22, -100.45]

04/28/16 18:30 CST	0	Hail (1.00 in)
04/28/16 18:30 CST	0	Source: Public

A public report was relayed by local broadcast media of quarter size hail in Cee Vee. No damage was reported.

An upper level low to the west of the region combined with a dryline along the Interstate-27 corridor to create scattered thunderstorms on the afternoon of the 28th. A few of these storms became severe as they tracked over the eastern South Plains and Rolling Plains. A landspout tornado was observed near one of these severe storms in Hall County.