

Storm Data and Unusual Weather Phenomena - June 2016

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

TEXAS COUNTY --- 10.5 WNW HOUGH [36.92, -101.75]				
	06/06/16 18:20 CST		0	Thunderstorm Wind (MG 50 kt)
	06/06/16 18:20 CST		0	Source: Mesonet

TEXAS COUNTY --- 10.5 WNW HOUGH [36.92, -101.75]				
	06/06/16 18:35 CST		0	Thunderstorm Wind (MG 59 kt)
	06/06/16 18:35 CST		0	Source: Mesonet

A weak disturbance moving into the Panhandles from the northwest during the evening combined with moderate instability, modest wind shear and dry air below the storm bases to produce isolated severe thunderstorms. These storms produced wind gusts up to 68 mph at local observation sites.

BEAVER COUNTY --- 1.0 SSW BEAVER [36.81, -100.53]				
	06/13/16 02:45 CST		0	Thunderstorm Wind (MG 51 kt)
	06/13/16 02:45 CST		0	Source: Mesonet

A weak upper disturbance moved across the region in advance of a vigorous upper trough which was moving across the southwest United States. Strong instability and moderate to strong low level wind shear provided a favorable environment for super cell thunderstorms to occur in advance of a developing line of thunderstorms which swept across the region during the evening hours. Storms produced large hail up to tennis ball size, wind gusts that were measured as high as 65 mph, and two tornadoes. The most significant damage from this event came from an EF2 tornado which rolled a well anchored double wide trailer onto it's roof in rural Carson County.

TEXAS COUNTY --- 10.6 NE EVA [36.92, -101.78]				
	06/25/16 17:20 CST		0	Thunderstorm Wind (MG 56 kt)
	06/25/16 17:35 CST		0	Source: Mesonet

Combination of a weak late season cold front and moderate instability lead to scattered storms across the Oklahoma and northern Texas Panhandle. One storm became severe producing wind gusts up to 65 mph.

BEAVER COUNTY --- 2.1 SSW GATE [36.82, -100.06]				
	06/28/16 15:45 CST		0	Hail (1.00 in)
	06/28/16 15:45 CST		0	Source: Trained Spotter

An Multi-Convective System (MCS) moving south clipped portions of the Oklahoma and Texas Panhandles during the afternoon and evening hours. The bulk of the storms remained east of the region across western Oklahoma. Moderate instability (cape) and minimal shear where in place and one severe hail report was received.

CIMARRON COUNTY --- 0.6 E BOISE CITY [36.73, -102.51]				
	06/29/16 20:11 CST		0	Hail (0.88 in)
	06/29/16 20:11 CST		0	Source: Trained Spotter

CIMARRON COUNTY --- 4.3 SE BOISE CITY [36.69, -102.46]				
	06/29/16 20:15 CST		0	Hail (0.88 in)
	06/29/16 20:15 CST		0	Source: Public

CIMARRON COUNTY --- 0.6 E BOISE CITY [36.73, -102.51]				
	06/29/16 20:27 CST		0	Hail (0.75 in)
	06/29/16 20:27 CST		0	Source: Emergency Manager

Moderate instability triggered mountain thunderstorms which moved east into the Texas Panhandle by evening. A few strong storms developed producing hail below severe limits.

TEXAS, North Panhandle

DEAF SMITH COUNTY --- 0.9 NW HEREFORD MUNI ARPT [34.86, -102.33]				
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	06/07/16 01:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/07/16 01:15 CST		0	Source: AWOS

A weak disturbance moving into the Panhandles from the northwest during the evening combined with moderate instability, modest wind shear and dry air below the storm bases to produce isolated severe thunderstorms. These storms produced wind gusts up to 68 mph at local observation sites.

OLDHAM COUNTY --- 0.9 NE ADRIAN [35.28, -102.67]	06/09/16 18:03 CST		0	Thunderstorm Wind (MG 52 kt)
	06/09/16 18:03 CST		0	Source: Broadcast Media

OLDHAM COUNTY --- 1.3 ENE ADRIAN [35.28, -102.66]	06/09/16 18:07 CST		0	Hail (0.88 in)
	06/09/16 18:07 CST		0	Source: Trained Spotter

MOORE COUNTY --- 2.8 SSW ETTER [35.99, -102.01]	06/09/16 18:43 CST		0	Thunderstorm Wind (EG 60 kt)
	06/09/16 18:43 CST		0	Source: Law Enforcement

Sheriffs office reported 2 semis rolled over at intersection of US 287 and County Rd E. 2 or 3 power poles also knocked over on Country Rd E.

RANDALL COUNTY --- 4.7 SSW AMARILLO [35.14, -101.86]	06/09/16 20:23 CST		0	Hail (0.75 in)
	06/09/16 20:23 CST		0	Source: NWS Employee

RANDALL COUNTY --- 5.3 WSW AMARILLO [35.16, -101.90]	06/09/16 20:27 CST		0	Hail (0.88 in)
	06/09/16 20:27 CST		0	Source: NWS Employee

Nickel size hail or smaller.

RANDALL COUNTY --- 4.8 SW AMARILLO [35.16, -101.89]	06/09/16 20:30 CST		0	Hail (0.75 in)
	06/09/16 20:30 CST		0	Source: Trained Spotter

An upper level disturbance moving into the Panhandles with associated surface boundary during the evening combined with high instability and low shear environment. These storms produced severe wind gusts and near severe criteria hail.

POTTER COUNTY --- VALLE DE ORO [35.45, -102.11]	06/13/16 17:10 CST		0	Hail (1.00 in)
	06/13/16 17:10 CST		0	Source: Trained Spotter

POTTER COUNTY --- VALLE DE ORO [35.45, -102.11]	06/13/16 17:15 CST		0	Hail (1.25 in)
	06/13/16 17:15 CST		0	Source: Trained Spotter

POTTER COUNTY --- VALLE DE ORO [35.45, -102.11]	06/13/16 17:29 CST		0	Hail (2.00 in)
	06/13/16 17:29 CST		0	Source: Trained Spotter

Hail slightly larger than golf balls at Valley De Oro.

HARTLEY COUNTY --- 4.2 WNW CHANNING [35.70, -102.40]	06/13/16 17:35 CST		0	Hail (2.50 in)
	06/13/16 17:35 CST		0	Source: Trained Spotter

Hail up to the size of tennis balls northwest of Channing.

HARTLEY COUNTY --- 4.8 S HARTLEY [35.81, -102.40]				
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	06/13/16 17:52 CST		0	Hail (0.88 in)
	06/13/16 17:52 CST		0	Source: Law Enforcement
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POTTER COUNTY --- 17.5 N (AMA)AMARILLO INTL A [35.47, -101.77]				
	06/13/16 18:50 CST		0	Hail (1.75 in)
	06/13/16 18:50 CST		0	Source: Broadcast Media
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DEAF SMITH COUNTY --- 9.5 WSW WALCOTT [34.89, -102.99]				
	06/13/16 19:01 CST		0	Thunderstorm Wind (MG 56 kt)
	06/13/16 19:01 CST		0	Source: Mesonet
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MOORE COUNTY --- 10.5 NNW LAKE MEREDITH [35.79, -101.75], 10.7 NNW LAKE MEREDITH [35.79, -101.75]				
	06/13/16 19:06 CST		0	Tornado (EF0, L: 0.30 mi , W: 50 yd)
	06/13/16 19:11 CST		0	Source: NWS Storm Survey
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A brief tornado touched down in rural southeast Moore County just south of Highway 152. Tree damage was observed in a narrow path and included numerous broken limbs and one tree which was uprooted. This was consistent with EF-0 damage on the Fujita Tornado Damage Scale.				
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POTTER COUNTY --- 12.1 ENE VALLE DE ORO [35.49, -101.90]				
	06/13/16 19:13 CST		0	Hail (1.00 in)
	06/13/16 19:13 CST		0	Source: Trained Spotter
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POTTER COUNTY --- 15.0 NNE (AMA)AMARILLO INTL A [35.43, -101.64], 14.9 NNE (AMA)AMARILLO INTL A [35.42, -101.62]				
	06/13/16 19:25 CST		0	Tornado (EF1, L: 1.24 mi , W: 100 yd)
	06/13/16 19:31 CST		0	Source: NWS Storm Survey
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The tornado began just west of Highway 136 in extreme eastern Potter County. Storm chasers witnessed the tornado form and cross the highway. One power pole was snapped along Highway 136 which was consistent with EF1 Damage. The tornado then continued into Carson County and produced damage just across the county line which was consistent with EF-2 on the Fujita Tornado Damage Scale. This damage occurred along County Road 1342 where a well anchored double wide mobile home was completely rolled and damaged. A nearby home had portions of the metal roof removed and the chimney crumbled over. A concrete block garage was also destroyed. Trees near the homes were snapped at the trunk. The tornado continued east and moved to near County Road C before dissipating.				
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POTTER COUNTY --- 14.9 NNE (AMA)AMARILLO INTL A [35.42, -101.62], 15.3 NNE (AMA)AMARILLO INTL A [35.41, -101.57]				
	06/13/16 19:31 CST		0	Tornado (EF2, L: 2.93 mi , W: 100 yd)
	06/13/16 19:37 CST		0	Source: NWS Storm Survey
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The tornado began just west of Highway 136 in extreme eastern Potter County. Storm chasers witnessed the tornado form and cross the highway. One power pole was snapped along Highway 136 which was consistent with EF1 Damage. The tornado then continued into Carson County and produced damage just across the county line which was consistent with EF-2 on the Fujita Tornado Damage Scale. This damage occurred along County Road 1342 where a well anchored double wide mobile home was completely rolled and damaged. A nearby home had portions of the metal roof removed and the chimney crumbled over. A concrete block garage was also destroyed. Trees near the homes were snapped at the trunk. The tornado continued east and moved to near County Road C before dissipating.				
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CARSON COUNTY --- 2.8 N PANHANDLE [35.39, -101.38]				
	06/13/16 20:48 CST		0	Thunderstorm Wind (EG 85 kt)
	06/13/16 20:48 CST		0	Source: Trained Spotter
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Five to six power lines were snapped and laid across the road.				
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RANDALL COUNTY --- 3.4 W CANYON [34.98, -101.98]				
	06/13/16 20:48 CST		0	Hail (1.00 in)
	06/13/16 20:48 CST		0	Source: Public
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RANDALL COUNTY --- 5.5 N CANYON [35.06, -101.92]				
	06/13/16 20:52 CST		0	Hail (1.25 in)
	06/13/16 20:52 CST		0	Source: Public
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RANDALL COUNTY --- 0.6 E CANYON [34.98, -101.91]				

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	06/13/16 20:53 CST		0	Hail (1.00 in)
	06/13/16 20:53 CST		0	Source: Trained Spotter
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RANDALL COUNTY --- 8.8 WSW AMARILLO [35.13, -101.95]				
	06/13/16 20:56 CST		0	Hail (1.25 in)
	06/13/16 20:56 CST		0	Source: NWS Employee
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RANDALL COUNTY --- 7.4 NW TIMBERCREEK CANYON [35.12, -101.92]				
	06/13/16 20:59 CST		0	Hail (1.75 in)
	06/13/16 20:59 CST		0	Source: Emergency Manager
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HARTLEY COUNTY --- CHANNING [35.68, -102.33]				
	06/13/16 23:37 CST		0	Hail (1.75 in)
	06/13/16 23:37 CST		0	Source: Trained Spotter
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<p>A weak upper disturbance moved across the region in advance of a vigorous upper trough which was moving across the southwest United States. Strong instability and moderate to strong low level wind shear provided a favorable environment for super cell thunderstorms to occur in advance of a developing line of thunderstorms which swept across the region during the evening hours. Storms produced large hail up to tennis ball size, wind gusts that were measured as high as 65 mph, and two tornadoes. The most significant damage from this event came from an EF2 tornado which rolled a well anchored double wide trailer onto it's roof in rural Carson County.</p>				
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(TX-Z013) CARSON				
	06/15/16 19:45 CST	1	0	Dust Storm
	06/15/16 19:45 CST		0	
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<p>Direct Fatalities: U??VE</p> <p>Outflow boundary moving northeastward from thunderstorms passing to the south. this outflow boundary generated a lot of dust which caused a pile-up crash on Interstate 40 in Carson County.</p>				
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HARTLEY COUNTY --- 3.0 SW DALHART [36.04, -102.56]				
	06/22/16 21:24 CST		0	Thunderstorm Wind (MG 50 kt)
	06/22/16 21:24 CST		0	Source: ASOS
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<p>An low amplitude upper level ridge set up over southern Colorado along with a surface front that developed move southeast into the TX and OK Panhandles. It was a low shear/low CAPE environment that only produced one severe wind report in Hartley County, TX.</p>				
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RANDALL COUNTY --- 5.3 SSE TIMBERCREEK CANYON [34.98, -101.78]				
	06/26/16 12:40 CST		0	Thunderstorm Wind (EG 50 kt)
	06/26/16 12:40 CST		0	Source: NWS Employee
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<p>A large 4 to 6 inch diameter tree limb was blown down due to the strong wind associated with the severe thunderstorm.</p> <p>Moderate instability but weak wind shear along a stalled outflow boundary from storms to the north on June 25th lead to scattered storms across the Southern Texas Panhandle on June 26th. Tree damage was reported with one severe storm this day.</p>				
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CARSON COUNTY --- 0.6 W GROOM [35.20, -101.11]				
	06/30/16 15:44 CST		0	Thunderstorm Wind (EG 52 kt)
	06/30/16 15:44 CST		0	Source: Trained Spotter
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<p>Wind gusts estimated up to 60 mph reported with thunderstorm.</p> <p>A weak disturbance riding along the northern edge of an upper level high centered in far west Texas helped spark scattered storms across the Panhandle. Modest wind shear and moderate instability (cape) lead to a few strong to severe storms. One severe thunderstorm event was reported with this episode.</p>				