

Storm Data and Unusual Weather Phenomena - June 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEW MEXICO, Southeast				
LEA COUNTY --- 4.9 NNW HUMBLE CITY [32.84, -103.26]				
	06/11/16 16:52 MST		0	Hail (1.75 in)
	06/11/16 16:57 MST		0	Source: Law Enforcement
LEA COUNTY --- 5.0 NNW HUMBLE CITY [32.84, -103.26]				
	06/11/16 16:52 MST		10K	Thunderstorm Wind (EG 61 kt)
	06/11/16 16:53 MST		0	Source: Law Enforcement
A thunderstorm moved across Lea County and produced wind damage . Telephone poles were blown down on Highway 18 between Lovington and Hobbs. The cost of damage is a rough estimate.				
LEA COUNTY --- 1.9 N HOBBS [32.73, -103.13]				
	06/11/16 18:00 MST		0	Hail (0.88 in)
	06/11/16 18:15 MST		0	Source: Law Enforcement
Weak disturbances were moving around an upper trough over the Texas Panhandle and Oklahoma. Daytime heating and air lifting over the higher terrain combined with moist southeast surface winds to create conditions for thunderstorms. A left over low pressure area over the northern Permian Basin and Western Low Rolling Plains as well as strong low-level winds during the night also aided in thunderstorm development and allowed storms to continue into the night. These storms produced large hail and strong winds.				
TEXAS, West				
JEFF DAVIS COUNTY --- 1.9 N FT DAVIS [30.61, -103.88]				
	06/01/16 13:50 CST		0	Hail (1.00 in)
	06/01/16 13:55 CST		0	Source: Public
TERRELL COUNTY --- 4.2 WNW (P07)SANDERSON [30.17, -102.47]				
	06/01/16 16:45 CST		0.50K	Hail (2.00 in)
	06/01/16 16:50 CST		0	Source: Storm Chaser
A thunderstorm moved across Terrell County and produced hail damage near Sanderson . A windshield was broken by two inch hail on Highway 90 west of Sanderson. The cost of damage is a rough estimate.				
TERRELL COUNTY --- SANDERSON [30.15, -102.40]				
	06/01/16 17:04 CST		0	Hail (1.25 in)
	06/01/16 17:09 CST		0	Source: Law Enforcement
TERRELL COUNTY --- 2.0 SE SANDERSON [30.13, -102.38]				
	06/01/16 17:10 CST		0	Hail (2.50 in)
	06/01/16 17:15 CST		0	Source: Social Media
TERRELL COUNTY --- 7.0 NNE DRYDEN [30.14, -102.08]				
	06/01/16 18:20 CST		0	Hail (1.75 in)
	06/01/16 18:25 CST		0	Source: Public
CRANE COUNTY --- CRANE [31.40, -102.35]				
	06/01/16 21:25 CST		0	Hail (1.00 in)
	06/01/16 21:45 CST		0	Source: Public
UPTON COUNTY --- 0.1 NW MC CAMEY UPTON CO AR [31.12, -102.22], 0.4 ENE MC CAMEY UPTON CO AR [31.12, -102.21], 1.8 SSE MC CAMEY UPTON CO AR [31.09, -102.21], 1.8 S MC CAMEY UPTON CO AR [31.09, -102.22]				
	06/01/16 23:15 CST		0	Flash Flood (due to Heavy Rain)
	06/02/16 01:30 CST		0	Source: Law Enforcement

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Heavy rain fell across Upton County and produced flash flooding south of McCamey. The McCamey Sheriffs Department reported one foot of water running over Highway 1901 south of McCamey.				
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UPTON COUNTY --- 19.7 NNW MC CAMEY [31.41, -102.30], 18.9 NNW MC CAMEY [31.40, -102.30], 19.6 N MC CAMEY [31.41, -102.23], 20.3 N MC CAMEY [31.42, -102.24]				
	06/01/16 23:20 CST		0.30K	Flash Flood (due to Heavy Rain)
	06/02/16 01:30 CST		0	Source: Department of Highways

Heavy rain fell across Upton County and produced flash flooding. State Highway 329 in Upton County was closed from the Crane County line to four miles east into Upton County due to flooding at low water crossings. Cost of damage is a very rough estimate.

An upper low over the region, outflow boundaries from thunderstorms the previous night, and a weak cold front that was moving slowly south across the area were the causes of thunderstorm activity across parts of West Texas. The strongest instability and wind shear were located in the Big Bend Region where thunderstorms produced large hail. Moisture content across the area was high and thunderstorms produced heavy rainfall, which added to the flash flood threat after a lot of areas had already seen heavy rains from the previous day.

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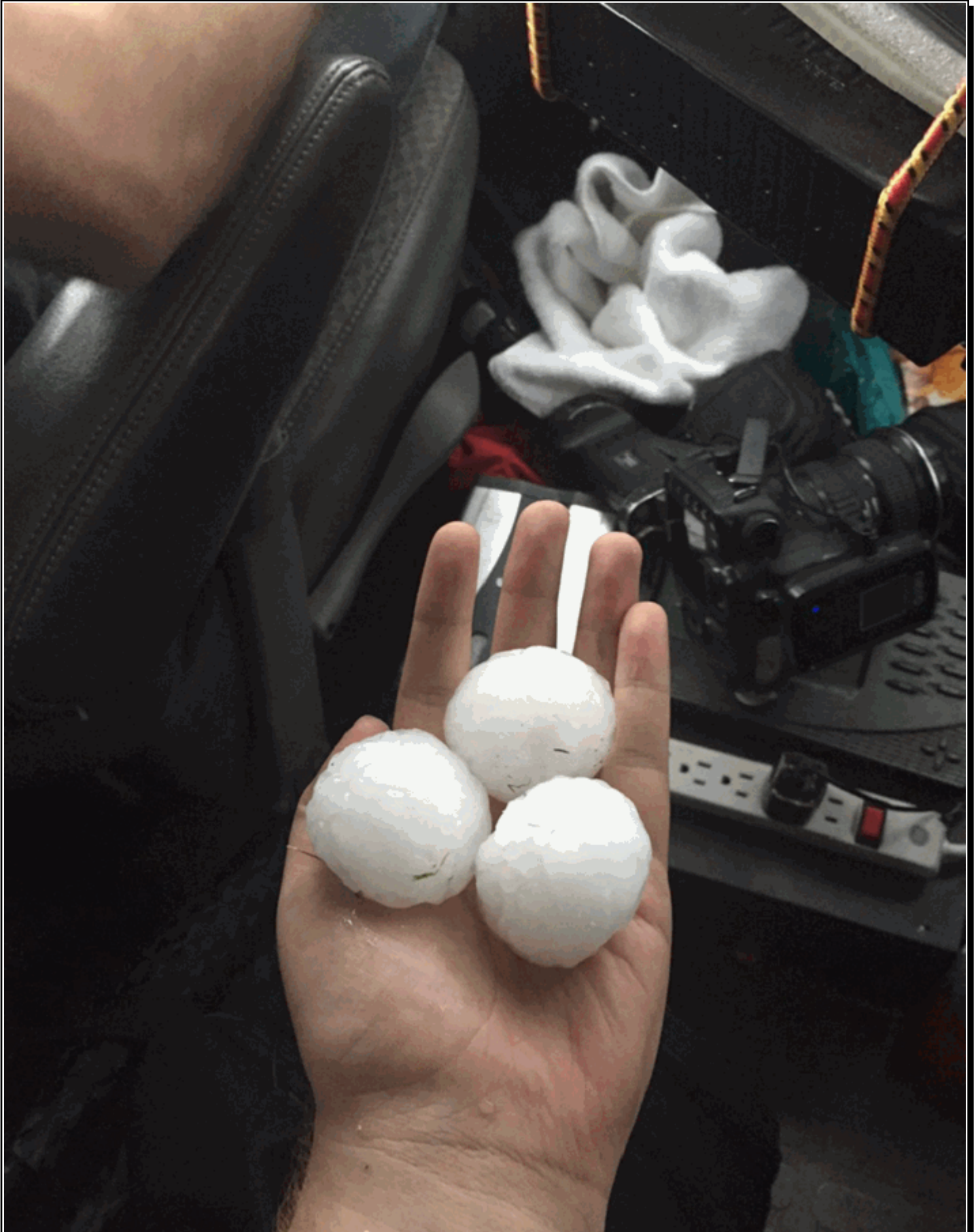
Location

Date/Time

Deaths &
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Property &
Crop Dmg

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Photo was taken west of Sanderson by storm chaser Connor McCarty who had reported hail of 2.00 inches in diameter.

GAINES COUNTY --- 1.4 WNW SEMINOLE ARPT [32.73, -102.75]

06/11/16 20:34 CST		0	Hail (1.00 in)
06/11/16 21:39 CST		0	Source: Emergency Manager

GAINES COUNTY --- 4.0 W SEMINOLE [32.72, -102.72]

06/11/16 20:41 CST		0	Hail (1.00 in)
06/11/16 20:46 CST		0	Source: Other Federal Agency

The Emergency Operations Center reported quarter sized hail four to five miles west of Seminole.

GAINES COUNTY --- 2.0 NNE SEMINOLE [32.75, -102.64]

06/11/16 21:15 CST		0	Thunderstorm Wind (MG 56 kt)
06/11/16 21:15 CST		0	Source: Mesonet

A thunderstorm moved across Gaines County and produced a 64 mph wind gust near Seminole according to the local Mesonet station.

GAINES COUNTY --- 1.4 WNW SEMINOLE ARPT [32.73, -102.75]

06/11/16 21:33 CST		0	Hail (1.00 in)
06/11/16 21:38 CST		0	Source: Emergency Manager

ECTOR COUNTY --- 3.4 NNE WEST ODESSA [31.87, -102.47], 1.7 SE ARCADE [31.78, -102.45], 6.8 E ODESSA [31.87, -102.26], 5.5 ENE ODESSA ECTOR CO ARPT [31.94, -102.29]

06/12/16 01:23 CST		10K	Flash Flood (due to Heavy Rain)
06/12/16 03:30 CST		0	Source: Fire Department/Rescue

Heavy rain fell across Ector County and produced flash flooding in the City of Odessa. The Odessa Fire Rescue had reported numerous high water rescues across the city. The cost of damage is a very rough estimate.

ECTOR COUNTY --- 1.7 S ODESSA ECTOR CO ARPT [31.89, -102.38], 1.6 ENE GREENFIELD ACRES [31.88, -102.38], 2.9 SE ODESSA ECTOR CO ARPT [31.89, -102.35], 2.0 SE ODESSA ECTOR CO ARPT [31.90, -102.35]

06/12/16 01:25 CST		1.50K	Flash Flood (due to Heavy Rain)
06/12/16 03:30 CST		0	Source: Broadcast Media

Heavy rain fell across Ector County and produced flash flooding in the City of Odessa. Flash flooding was reported near the mall and on 51st Street. A high water rescue was reported at North Dixie and 42nd Street. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 3.2 WNW MIDLAND [32.02, -102.13], 3.1 WNW MIDLAND [32.02, -102.13], 2.7 WNW MIDLAND [32.02, -102.12], 2.9 WNW MIDLAND [32.02, -102.12]

06/12/16 02:40 CST		4K	Flash Flood (due to Heavy Rain)
06/12/16 03:40 CST		0	Source: Social Media

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. There were cars stranded and an estimated two to three feet of running water at the intersection of Wadley and Midkiff. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 3.9 ENE (MAF) MIDLAND INTL [31.96, -102.14], 3.9 ENE (MAF) MIDLAND INTL [31.96, -102.14], 3.6 ENE (MAF) MIDLAND INTL [31.96, -102.15], 3.6 ENE (MAF) MIDLAND INTL [31.96, -102.15]

06/12/16 03:55 CST		2.50K	Flash Flood (due to Heavy Rain)
06/12/16 06:00 CST		0	Source: NWS Employee

Heavy rain fell across Midland County and produced flash flooding near the City of Midland. Two cars were submerged, and there was an estimated three feet of water over the Highway 20 access road. The cost of damage is a very rough estimate.

HOWARD COUNTY --- 1.6 NE SETTLERS ADDITION [32.25, -101.50], 1.6 SW BIG SPRING [32.23, -101.49], 1.4 E BIG SPRING [32.25, -101.45], 1.0 NNE BIG SPRING [32.26, -101.46]

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	06/12/16 05:55 CST		0.30K	Flash Flood (due to Heavy Rain)
	06/12/16 07:20 CST		0	Source: Law Enforcement

Heavy rain fell across Howard County and produced flash flooding in Big Spring. Local law enforcement had closed roads in the Big Spring area due to flooding. The cost of damage is a very rough estimate.

Weak disturbances were moving around an upper trough over the Texas Panhandle and Oklahoma. Daytime heating and air lifting over the higher terrain combined with moist southeast surface winds to create conditions for thunderstorms. A left over low pressure area over the northern Permian Basin and Western Low Rolling Plains as well as strong low-level winds during the night also aided in thunderstorm development and allowed storms to continue into the night. These storms produced large hail, strong winds, and flash flooding.

PECOS COUNTY --- 2.0 N COYANOSA [31.20, -103.00]

06/15/16 18:07 CST	0	Thunderstorm Wind (MG 57 kt)
06/15/16 18:07 CST	0	Source: Mesonet

A thunderstorm moved across Pecos County and produced a 66 mph wind gust as recorded by the mesonet by Coyanosa.

WARD COUNTY --- 3.0 SE GRANDFALLS [31.30, -102.83]

06/15/16 18:55 CST	0	Hail (1.00 in)
06/15/16 19:00 CST	0	Source: Public

MARTIN COUNTY --- STANTON [32.13, -101.80]

06/15/16 19:25 CST	4K	Thunderstorm Wind (EG 52 kt)
06/15/16 19:25 CST	0	Source: Public

A thunderstorm moved across Martin County and produced an estimated 60 mph wind gust in Stanton. In southwest Stanton, playground equipment was turned over and a roof was removed from part of a house. The cost of damage is a very rough estimate.

MARTIN COUNTY --- 20.0 N STANTON [32.42, -101.80]

06/15/16 19:27 CST	0	Thunderstorm Wind (EG 52 kt)
06/15/16 19:34 CST	0	Source: Public

A thunderstorm moved across Martin County and produced an estimated 60 mph wind gust in Merrick lasting five to ten minutes.

MIDLAND COUNTY --- 5.1 WNW MIDLAND [32.04, -102.16], 4.4 N MIDLAND [32.06, -102.07], 2.9 SE MIDLAND [31.98, -102.04], 4.4 SW MIDLAND [31.95, -102.13]

06/15/16 19:51 CST	5K	Flash Flood (due to Heavy Rain)
06/15/16 22:31 CST	0	Source: Law Enforcement

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. Four high water rescues were reported in the City of Midland at 8:51 pm, 9:29 pm, 9:38 pm, and 11:31 pm. The cost of damage is a very rough estimate.


GLASSCOCK COUNTY --- 4.0 SW ST LAWRENCE [31.63, -101.55]

06/15/16 20:10 CST	0	Thunderstorm Wind (MG 54 kt)
06/15/16 20:10 CST	0	Source: Mesonet

A thunderstorm moved across Glasscock County and produced a 62 mph wind gust near St. Lawrence as recorded by the local mesonet site.

Weak upper level ridging was over Texas, and an upper disturbance moved over the region. This disturbance combined with intense afternoon heating to create instability for thunderstorms. A dryline/surface trough across the area provided a focus for storm development. Since the cloud bases were high and the air directly below the clouds was dry, strong winds resulted from the thunderstorms. There was plenty of low-level moisture so flash flooding also developed.

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Playground equipment knocked over and part of a roof torn off a house in Stanton, TX on June 15, 2016 from 60+ mph winds in a thunderstorm. Photo courtesy of Lynn Sherrill.

BREWSTER COUNTY --- 36.0 NE TERLINGUA [29.70, -103.18]

06/26/16 16:28 CST	0	Thunderstorm Wind (MG 56 kt)
06/26/16 16:28 CST	0	Source: Mesonet

A thunderstorm moved across Brewster County and produced a 64 mph wind gust at Persimmon Gap.

An upper ridge was centered to the north of the area, and an upper low moved northward from Mexico over the region. Southeast winds provided low-level moisture across the area. This moisture, when combined with daytime heating, allowed for conditions to become unstable across the higher terrain of West Texas and thunderstorms developed as a result.

TERRELL COUNTY --- 33.6 NNE DRYDEN [30.47, -101.83], 34.3 NNE DRYDEN [30.47, -101.81], 33.6 NNE DRYDEN [30.45, -101.81], 32.7 NNE DRYDEN [30.45, -101.83]

06/27/16 12:15 CST	0	Flash Flood (due to Heavy Rain)
06/27/16 13:30 CST	0	Source: Public

Heavy rain fell across Terrell County and produced flash flooding fifteen miles south of Sheffield . Six to twelve inches of water was reported running over State Highway 349 at Independence Creek. No damage was reported.

An upper level ridge was centered over the Four Corners Region and an upper low was just west of the Pecos River. There was a lot of moisture in the atmosphere which contributed to heavy rain and flash flooding across West Texas.