

Storm Data and Unusual Weather Phenomena - June 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEW MEXICO, Southeast				
EDDY COUNTY --- 4.4 SW DAYTON [32.70, -104.40]				
	06/01/19 15:23 MST		0	Hail (1.75 in)
	06/01/19 15:28 MST		0	Source: Trained Spotter
EDDY COUNTY --- 4.4 SW DAYTON [32.70, -104.40]				
	06/01/19 15:52 MST		0	Hail (1.25 in)
	06/01/19 15:57 MST		0	Source: Trained Spotter
EDDY COUNTY --- 4.4 SW DAYTON [32.70, -104.40]				
	06/01/19 15:57 MST		0	Hail (2.00 in)
	06/01/19 16:02 MST		0	Source: Trained Spotter
EDDY COUNTY --- 4.1 NNW LAKEWOOD [32.69, -104.40]				
	06/01/19 17:23 MST		0.50K	Hail (2.75 in)
	06/01/19 17:28 MST		0	Source: Public
A thunderstorm moved across Eddy County and produced baseball sized hail ten miles south of Artesia. The damage included a busted windshield. The cost of damage is a very rough estimate.				
LEA COUNTY --- 0.7 N LOVINGTON [32.94, -103.35]				
	06/01/19 18:23 MST		0	Hail (1.00 in)
	06/01/19 18:28 MST		0	Source: Public
A thunderstorm moved across Lea County and produced one inch hail and minor street flooding in Lovington.				
An upper level storm system was over California and a weak ridge was building over Texas. Upper level disturbances moved over the region and interacted with very moist and unstable air. There was good wind shear present as well as a surface trough/dryline across West Texas and southeast New Mexico. These conditions resulted in thunderstorms that produced large hail across the area.				
EDDY COUNTY --- ARTESIA [32.83, -104.40]				
	06/02/19 17:08 MST		0.50K	Thunderstorm Wind (EG 61 kt)
	06/02/19 17:09 MST		0	Source: Public
A thunderstorm moved across Eddy County and produced an estimated 70 mph wind gust in Artesia. Large tree limbs were blown down by the winds. The cost of damage is a very rough estimate.				
EDDY COUNTY --- ARTESIA [32.83, -104.40]				
	06/02/19 17:08 MST		0	Hail (1.25 in)
	06/02/19 17:13 MST		0	Source: Public
EDDY COUNTY --- 3.0 W ARTESIA [32.83, -104.45]				
	06/02/19 17:41 MST		0	Thunderstorm Wind (MG 53 kt)
	06/02/19 17:41 MST		0	Source: ASOS
A thunderstorm moved across Eddy County and produced a 61 mph wind gust near Artesia.				
EDDY COUNTY --- 0.6 NNW HOPE [32.81, -104.73]				
	06/02/19 18:15 MST		0	Hail (1.25 in)
	06/02/19 18:20 MST		0	Source: Trained Spotter
LEA COUNTY --- 2.0 SW TATUM [33.23, -103.34]				
	06/02/19 19:05 MST		0	Thunderstorm Wind (MG 50 kt)
	06/02/19 19:05 MST		0	Source: Mesonet
A thunderstorm moved across Lea County and produced a 58 mph wind gust near Tatum.				
An upper level low was over southern California with a weak ridge over Texas. Good low-level moisture and afternoon heating were also present. These conditions contributed to thunderstorms with large hail and strong winds across southeast New Mexico.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
EDDY COUNTY --- 2.0 WSW CARLSBAD [32.41, -104.26]				
	06/03/19 18:57 MST		0	Hail (1.00 in)
	06/03/19 19:02 MST		0	Source: Trained Spotter

An upper level trough was centered over southern California with upper level disturbances moving over West Texas and southeast New Mexico. There was a surface trough/dryline along the extreme West Texas/eastern New Mexico border with very moist and unstable air to the east. The wind shear across the area was also good. These conditions resulted in a storm that produced large hail in southeast New Mexico.

EDDY COUNTY --- 15.0 SSW HOPE [32.60, -104.83], 14.9 SSW HOPE [32.60, -104.83]				
	06/04/19 16:45 MST		0	Tornado (EF0, L: 0.05 mi , W: 20 yd)
	06/04/19 16:46 MST		0	Source: Public

A thunderstorm moved across Eddy County and produced a tornado 15 miles south southwest of Hope. The tornado briefly developed over far western Eddy County over an open field and no damage was reported.

An upper low was over the Arizona/Mexico border. There was a moisture rich boundary layer across far West Texas. Good moisture and instability were in place across southeast New Mexico and West Texas. These conditions resulted in a thunderstorm producing a tornado in southeast New Mexico.

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Storm Data and Unusual Weather Phenomena - June 2019

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

A thunderstorm produced a brief tornado over open country in Eddy County. No damage was reported. Photo is courtesy of Shelby Lynn Wilson.

EDDY COUNTY --- CARLSBAD [32.42, -104.23]

	06/05/19 14:34 MST	0	Hail (1.00 in)
	06/05/19 14:39 MST	0	Source: COOP Observer

LEA COUNTY --- HOBBS [32.70, -103.13]

	06/05/19 15:50 MST	0	Thunderstorm Wind (MG 61 kt)
	06/05/19 15:50 MST	0	Source: ASOS

A thunderstorm moved across Lea County and produced a 70 mph wind gust in Hobbs.

LEA COUNTY --- 5.0 NW HOBBS [32.75, -103.19]

	06/05/19 15:55 MST	0	Thunderstorm Wind (MG 51 kt)
	06/05/19 15:55 MST	0	Source: Mesonet

A thunderstorm moved across Lea County and produced a 59 mph wind gust five miles northwest of Hobbs.

LEA COUNTY --- 0.9 NNW HOBBS [32.71, -103.14]

	06/05/19 15:57 MST	2K	Thunderstorm Wind (EG 61 kt)
	06/05/19 15:58 MST	0	Source: Trained Spotter

A thunderstorm moved across Lea County and produced wind damage in Hobbs. A power pole was downed by winds in central Hobbs at the intersection of Sanger and Shipp. A large tree was blown over by the wind. The cost of damage is a very rough estimate.

An upper level low was over New Mexico and provided lift over southeast New Mexico and West Texas. Good wind shear and instability were present across the area. These conditions resulted in thunderstorms that produced large hail and wind damage across southeast New Mexico and West Texas.

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Storm Data and Unusual Weather Phenomena - June 2019

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

A thunderstorm produced wind damage in Hobbs. A power pole and large tree were blown over by the winds. Photo is courtesy of Sandra Rascon.

EDDY COUNTY --- 0.6 NNW HOPE [32.81, -104.73]

06/13/19 17:10 MST	0	Hail (1.75 in)
06/13/19 17:15 MST	0	Source: Public

EDDY COUNTY --- QUEEN [32.20, -104.73]

06/13/19 17:45 MST	2K	Thunderstorm Wind (EG 61 kt)
06/13/19 17:46 MST	0	Source: Public

A thunderstorm moved across Eddy County and produced wind damage in Queen. There was a broken pole that was broken at the bottom. The cost of damage is a very rough estimate.

EDDY COUNTY --- 2.8 NE (CNM)CARLSBAD ARPT [32.36, -104.23]

06/13/19 18:53 MST	0	Hail (0.88 in)
06/13/19 18:58 MST	0	Source: Trained Spotter

EDDY COUNTY --- 1.2 W ARTESIA [32.83, -104.42]

06/13/19 19:04 MST	0	Hail (0.75 in)
06/13/19 19:09 MST	0	Source: Broadcast Media

EDDY COUNTY --- 5.0 SW CARLSBAD [32.37, -104.29]

06/13/19 23:07 MST	0	Thunderstorm Wind (MG 56 kt)
06/13/19 23:07 MST	0	Source: ASOS

A thunderstorm moved across Eddy County and produced a 64 mph wind gust at the Carlsbad ASOS site.

An upper level trough was over the Great Lakes region with a broad ridge over West Texas and southeast New Mexico. Good moisture, instability, and wind shear were across southeast New Mexico. These conditions, along with a nearby upper level disturbance, resulted in thunderstorms with large hail and strong winds.

EDDY COUNTY --- ARTESIA [32.83, -104.40]

06/17/19 17:59 MST	0	Hail (1.00 in)
06/17/19 18:04 MST	0	Source: Trained Spotter

EDDY COUNTY --- 5.0 WNW ATOKA [32.80, -104.48]

06/17/19 18:11 MST	0	Hail (1.00 in)
06/17/19 18:16 MST	0	Source: Trained Spotter

EDDY COUNTY --- ARTESIA [32.83, -104.40]

06/17/19 18:19 MST	0	Hail (1.00 in)
06/17/19 18:24 MST	0	Source: Trained Spotter

EDDY COUNTY --- ARTESIA [32.83, -104.40]

06/17/19 18:30 MST	0	Hail (1.25 in)
06/17/19 18:35 MST	0	Source: Public

A thunderstorm moved across Eddy County and produced half dollar sized hail in Artesia that covered the ground.

A weak upper level ridge was over the region with upper level disturbances that moved over the area providing lift. Very moist and unstable conditions were present. A cold front had moved through most of the area the previous day and had retreated northward during the day. These ingredients contributed to thunderstorms with large hail across West Texas and southeast New Mexico.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
REEVES COUNTY --- 16.0 S PECOS [31.19, -103.48]				
	06/01/19 15:50 CST		0	Hail (1.50 in)
	06/01/19 15:55 CST		0	Source: Storm Chaser
REEVES COUNTY --- 12.0 SSE TOYAH LAKE [31.17, -103.34]				
	06/01/19 16:42 CST		0	Hail (1.00 in)
	06/01/19 16:47 CST		0	Source: Storm Chaser
LOVING COUNTY --- MENTONE [31.70, -103.60]				
	06/01/19 16:46 CST		0	Hail (1.00 in)
	06/01/19 16:51 CST		0	Source: Law Enforcement
LOVING COUNTY --- MENTONE [31.70, -103.60]				
	06/01/19 16:50 CST		0	Hail (1.25 in)
	06/01/19 16:55 CST		0	Source: Law Enforcement
PECOS COUNTY --- 10.5 NW FT STOCKTON ARPT FST [31.01, -103.07]				
	06/01/19 17:37 CST		0	Hail (1.75 in)
	06/01/19 17:42 CST		0	Source: Emergency Manager
PECOS COUNTY --- 4.7 WNW FT STOCKTON ARPT FST [30.95, -102.99]				
	06/01/19 17:57 CST		0	Hail (1.75 in)
	06/01/19 18:02 CST		0	Source: Emergency Manager
PECOS COUNTY --- 3.1 NE FT STOCKTON ARPT FST [30.95, -102.88]				
	06/01/19 17:58 CST		0	Hail (1.00 in)
	06/01/19 18:03 CST		0	Source: Trained Spotter
PECOS COUNTY --- 3.1 NE FT STOCKTON ARPT FST [30.95, -102.88]				
	06/01/19 18:04 CST		0	Hail (1.50 in)
	06/01/19 18:09 CST		0	Source: Trained Spotter
PECOS COUNTY --- 1.2 SSE FT STOCKTON ARPT FST [30.90, -102.91]				
	06/01/19 18:06 CST		0	Funnel Cloud
	06/01/19 18:07 CST		0	Source: Emergency Manager
A thunderstorm in Pecos County produced a funnel cloud one mile northwest of Fort Stockton.				
PECOS COUNTY --- 2.0 N FT STOCKTON [30.91, -102.87]				
	06/01/19 18:09 CST		0	Hail (1.00 in)
	06/01/19 18:14 CST		0	Source: Trained Spotter
PECOS COUNTY --- 2.0 NW FT STOCKTON [30.90, -102.89]				
	06/01/19 18:51 CST		0	Hail (1.50 in)
	06/01/19 18:56 CST		0	Source: Public
An upper level storm system was over California and a weak ridge was building over Texas. Upper level disturbances moved over the region and interacted with very moist and unstable air. There was good wind shear present as well as a surface trough/dryline across West Texas and southeast New Mexico. These conditions resulted in thunderstorms that produced large hail and a funnel cloud across the area.				
GAINES COUNTY --- 1.1 NNW SEAGRAVES [32.94, -102.56], 1.0 NNW SEAGRAVES [32.94, -102.56], 1.0 NNW SEAGRAVES [32.94, -102.56], 1.1 NNW SEAGRAVES [32.94, -102.56]				
	06/02/19 10:35 CST		4K	Flash Flood (due to Heavy Rain)
	06/02/19 12:00 CST		0	Source: Emergency Manager

Heavy rain fell across Gaines County and produced flash flooding in Seagraves. There were stranded cars at the intersection of US 385/83. The cost of damage is a very rough estimate.

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JEFF DAVIS COUNTY --- 16.1 ESE VALENTINE [30.51, -104.24]				
	06/02/19 17:53 CST		0	Hail (1.50 in)
	06/02/19 17:58 CST		0	Source: Trained Spotter

An upper level low was over southern California with a weak ridge over Texas. Good low-level moisture and afternoon heating were also present. These conditions contributed to thunderstorms with large hail and flash flooding across West Texas.

(TX-Z052) HOWARD				
	06/05/19 18:00 CST		0	Dust Storm
	06/05/19 18:15 CST		0	

ANDREWS COUNTY --- 7.7 E ANDREWS CO ARPT [32.33, -102.40]				
	06/05/19 18:09 CST		0	Hail (2.00 in)
	06/05/19 18:14 CST		0	Source: Public

HOWARD COUNTY --- BIG SPRING [32.25, -101.47]				
	06/05/19 19:10 CST		2K	Thunderstorm Wind (EG 61 kt)
	06/05/19 19:11 CST		0	Source: Fire Department/Rescue

A thunderstorm moved across Howard County and produced wind damage in Big Spring. Trees and power lines were blown down. The cost of damage is a very rough estimate.

An upper level low was over New Mexico and provided lift over southeast New Mexico and West Texas. Good wind shear and instability were present across the area. These conditions resulted in thunderstorms that produced large hail and wind damage across southeast New Mexico and West Texas.

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Outflow winds from nearby thunderstorms produced a haboob that went through Big Spring. Photo is courtesy of Brad Chap.

(TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS

06/09/19 22:00 CST	0	High Wind (MAX 37 kt)
06/10/19 15:00 CST	0	

An unusually strong late season cold front brought strong northeast gap winds to the Guadalupe Mountains.

JEFF DAVIS COUNTY --- FT DAVIS [30.58, -103.88]

06/14/19 19:15 CST	0	Hail (1.25 in)
06/14/19 19:20 CST	0	Source: Social Media

BREWSTER COUNTY --- 18.5 ENE ALPINE TERLINGUA ARP [29.60, -103.14]

06/14/19 20:46 CST	0	Thunderstorm Wind (MG 57 kt)
06/14/19 20:46 CST	0	Source: Mesonet

A thunderstorm moved across Brewster County and produced a 66 mph wind gust at Persimmon Gap.

Fairly high moisture and instability were in place along and east of a dryline across the area. An upper level disturbance was approaching from the west. These conditions contributed to thunderstorms with large hail and strong winds across West Texas.

JEFF DAVIS COUNTY --- 0.6 WNW FT DAVIS [30.58, -103.89]

Storm Data and Unusual Weather Phenomena - June 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/19 14:00 CST		40K	Hail (2.00 in)
	06/17/19 14:05 CST		0	Source: Public

A thunderstorm moved across Jeff Davis County and produced two inch hail in Fort Davis. The hail caused broken windows, skylights, and window panes. The cost of damage is a very rough estimate.

JEFF DAVIS COUNTY --- 0.8 NW FT DAVIS [30.59, -103.89]

06/17/19 14:00 CST	0.50K	Hail (1.75 in)
06/17/19 14:05 CST	0	Source: Public

A thunderstorm moved across Jeff Davis County and produced golfball sized hail in Fort Davis. The hail shattered a vehicle window. The cost of damage is a very rough estimate.

JEFF DAVIS COUNTY --- 1.1 WNW FT DAVIS [30.59, -103.90]

06/17/19 14:10 CST	0	Hail (2.00 in)
06/17/19 14:15 CST	0	Source: Public

ANDREWS COUNTY --- 6.0 E ANDREWS [32.32, -102.45]

06/17/19 17:54 CST	3K	Hail (2.50 in)
06/17/19 17:59 CST	0	Source: Public

A thunderstorm moved across Andrews County and produced tennis ball sized hail six miles east of Andrews. Windows in vehicles were broken from the hail. The cost of damage is a very rough estimate.

GAINES COUNTY --- 9.0 S SEMINOLE [32.59, -102.65]

06/17/19 18:34 CST	0	Hail (2.50 in)
06/17/19 18:39 CST	0	Source: Emergency Manager

BREWSTER COUNTY --- STUDY BUTTE [29.32, -103.53]

06/17/19 20:25 CST	0	Hail (1.75 in)
06/17/19 20:30 CST	0	Source: Public

A weak upper level ridge was over the region with upper level disturbances that moved over the area providing lift. Very moist and unstable conditions were present. A cold front had moved through most of the area the previous day and had retreated northward during the day. These ingredients contributed to thunderstorms with large hail across West Texas and southeast New Mexico.

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<i>A thunderstorm produced large hail in Fort Davis which resulted in broken windows and skylights. Photo is courtesy of Kimberly Nott.</i>				
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PRESIDIO COUNTY --- 7.0 S MARFA [30.22, -104.02]	06/18/19 14:07 CST	0		Hail (1.00 in)
	06/18/19 14:12 CST	0		Source: Law Enforcement
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REEVES COUNTY --- 2.1 NNW VERHALEN [31.15, -103.59]	06/18/19 14:35 CST	0		Hail (1.75 in)
	06/18/19 14:40 CST	0		Source: Public
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PECOS COUNTY --- 1.6 SE FT STOCKTON ARPT FST [30.91, -102.90]	06/18/19 15:28 CST	0		Thunderstorm Wind (MG 53 kt)
	06/18/19 15:28 CST	0		Source: ASOS
A thunderstorm moved across Pecos County and produced a 61 mph wind gust one mile northwest of Fort Stockton.				
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BREWSTER COUNTY --- 4.9 S MARATHON [30.13, -103.24]	06/18/19 17:04 CST	0		Thunderstorm Wind (EG 52 kt)
	06/18/19 17:04 CST	0		Source: Law Enforcement
A thunderstorm moved across Brewster County and produced a 60 mph wind gust five miles south of Marathon.				
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BREWSTER COUNTY --- 4.9 S MARATHON [30.13, -103.24]	06/18/19 17:04 CST	0		Hail (1.00 in)
	06/18/19 17:09 CST	0		Source: Law Enforcement
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BREWSTER COUNTY --- 0.2 ENE MARATHON [30.20, -103.25]	06/18/19 17:05 CST	0		Hail (1.25 in)
	06/18/19 17:10 CST	0		Source: Public
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BREWSTER COUNTY --- 0.2 E MARATHON [30.20, -103.25]	06/18/19 17:08 CST	0		Hail (1.75 in)
	06/18/19 17:13 CST	0		Source: Public
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HOWARD COUNTY --- 0.3 SW COAHOMA [32.30, -101.30]	06/18/19 17:20 CST	0		Hail (1.00 in)
	06/18/19 17:25 CST	0		Source: Public
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HOWARD COUNTY --- 1.2 W SAND SPGS [32.28, -101.35]	06/18/19 17:27 CST	0		Hail (1.50 in)
	06/18/19 17:32 CST	0		Source: Trained Spotter
A thunderstorm moved across Howard County and produced less than golfball sized hail and 60 mph winds.				
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MITCHELL COUNTY --- 3.0 NW CUTHBERT [32.51, -101.07]	06/18/19 17:54 CST	0		Hail (1.00 in)
	06/18/19 17:59 CST	0		Source: Trained Spotter
A thunderstorm moved across Mitchell County and produced quarter sized hail and 60 mph winds three miles northwest of Cuthbert.				
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SCURRY COUNTY --- IRA [32.58, -101.00]	06/18/19 18:05 CST	0		Hail (1.75 in)
	06/18/19 18:10 CST	0		Source: Emergency Manager
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SCURRY COUNTY --- 4.0 S SNYDER [32.66, -100.90]				

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	06/18/19 18:14 CST		0	Hail (1.75 in)
	06/18/19 18:19 CST		0	Source: Fire Department/Rescue
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SCURRY COUNTY --- 3.0 SW HERMLEIGH [32.60, -100.79]				
	06/18/19 18:16 CST		0	Thunderstorm Wind (EG 61 kt)
	06/18/19 18:16 CST		0	Source: Fire Department/Rescue
<p>A thunderstorm moved across Scurry County and produced a 70 mph wind gust three miles southwest of Hermleigh.</p>				
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BREWSTER COUNTY --- 8.0 SE ALPINE [30.29, -103.58]				
	06/18/19 18:37 CST		0	Hail (1.50 in)
	06/18/19 18:42 CST		0	Source: Trained Spotter
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BREWSTER COUNTY --- 1.5 SSW ALPINE [30.35, -103.68]				
	06/18/19 18:45 CST		0	Hail (1.00 in)
	06/18/19 18:50 CST		0	Source: CoCoRaHS
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SCURRY COUNTY --- 1.0 N SNYDER [32.73, -100.90]				
	06/18/19 19:15 CST		0	Hail (0.88 in)
	06/18/19 19:20 CST		0	Source: Fire Department/Rescue
<p>A thunderstorm moved across Scurry County and produced nickel sized hail and 50 mph winds one mile north of Snyder.</p>				
<p>A weak upper level ridge was over the region with an upper level disturbance that moved over the area which provided lift. Moist and very unstable conditions were present east of a dryline across West Texas. Wind shear was also fairly strong across the area. These conditions contributed to storms initially developing south and west of the Pecos River then developing across the Permian Basin and Western Low Rolling Plains. These storms had large hail and strong winds.</p>				
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SCURRY COUNTY --- 1.0 W FLUVANNA [32.88, -101.17]				
	06/19/19 15:50 CST		0	Hail (1.75 in)
	06/19/19 15:55 CST		0	Source: Public
<p>There was a dryline across West Texas and an upper level disturbance that moved over the Texas panhandle that helped to provide lift. The wind shear was marginally strong across the area and intense daytime heating was present. These conditions resulted in a storm that produced large hail across the Western Low Rolling Plains.</p>				
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SCURRY COUNTY --- 24.0 NE KNAPP [32.90, -100.83]				
	06/21/19 16:45 CST		0	Hail (1.50 in)
	06/21/19 16:50 CST		0	Source: Public
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PECOS COUNTY --- 10.6 S BALDRIDGE [30.88, -102.65]				
	06/21/19 17:00 CST		0	Hail (1.00 in)
	06/21/19 17:05 CST		0	Source: Public
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ECTOR COUNTY --- 4.3 NNW PLEASANT FARMS [31.74, -102.36]				
	06/21/19 17:07 CST		0	Hail (0.88 in)
	06/21/19 17:12 CST		0	Source: Public
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PECOS COUNTY --- 16.0 SE FT STOCKTON [30.72, -102.68], 15.9 SE FT STOCKTON [30.72, -102.68]				
	06/21/19 17:10 CST		0	Tornado (EF0, L: 0.31 mi , W: 30 yd)
	06/21/19 17:14 CST		0	Source: Law Enforcement
<p>A thunderstorm produced a tornado 16 miles southeast of Fort Stockton. The tornado was seen by both law enforcement and the public. The length and path width are estimated. No damage was reported with this tornado.</p>				
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ECTOR COUNTY --- 3.0 N PLEASANT FARMS [31.72, -102.32]				
	06/21/19 17:12 CST		0	Hail (1.25 in)
	06/21/19 17:17 CST		0	Source: Public
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PECOS COUNTY --- 8.0 SSE FT STOCKTON [30.77, -102.82]				

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	06/21/19 17:25 CST		0	Hail (1.75 in)
	06/21/19 17:30 CST		0	Source: Law Enforcement

PECOS COUNTY --- 9.3 SSE FT STOCKTON [30.76, -102.79]

06/21/19 17:25 CST	4K	Thunderstorm Wind (EG 65 kt)
06/21/19 17:26 CST	0	Source: Emergency Manager

A thunderstorm moved across Pecos County and produced wind damage about ten miles southeast of Fort Stockton. A power pole was snapped at the mid point and power lines were blown down just west of Highway 285. The cost of damage is a very rough estimate.

PECOS COUNTY --- 8.0 SSE FT STOCKTON [30.77, -102.82]

06/21/19 17:28 CST	0	Hail (1.75 in)
06/21/19 17:33 CST	0	Source: Law Enforcement

PECOS COUNTY --- 11.0 S FT STOCKTON [30.72, -102.87]

06/21/19 17:38 CST	0	Hail (1.75 in)
06/21/19 17:43 CST	0	Source: Emergency Manager

BORDEN COUNTY --- 3.0 S GAIL [32.73, -101.43]

06/21/19 18:46 CST	0	Hail (1.00 in)
06/21/19 18:51 CST	0	Source: Public

BORDEN COUNTY --- 0.7 W GAIL [32.77, -101.44]

06/21/19 18:50 CST	0	Thunderstorm Wind (MG 51 kt)
06/21/19 18:50 CST	0	Source: Mesonet

A thunderstorm moved across Borden County and produced a 59 mph wind gust in Gail.

BORDEN COUNTY --- 17.0 NE GAIL [32.94, -101.22]

06/21/19 19:11 CST	0	Thunderstorm Wind (MG 52 kt)
06/21/19 19:11 CST	0	Source: Public

A thunderstorm moved across Borden County and produced a 60 mph wind gust six miles northwest of Fluvanna.

BORDEN COUNTY --- 17.0 NE GAIL [32.94, -101.22]

06/21/19 19:11 CST	0	Hail (0.88 in)
06/21/19 19:16 CST	0	Source: Public

An upper-level trough was over the western part of the country. There was intense daytime heating and a dryline was in place across West Texas. An upper level disturbance moved over the area which brought additional lift. High instability was present as well as dry air below the cloud layer which increased the threat for strong winds. These conditions resulted in thunderstorms that produced large hail, strong winds, and a tornado.

Storm Data and Unusual Weather Phenomena - June 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A thunderstorm produced a tornado in Pecos County about 16 miles southeast of Fort Stockton. This tornado was rated as an EF-0.

HOWARD COUNTY --- 2.0 N BIG SPRING [32.28, -101.47]

06/24/19 16:46 CST	0	Hail (1.75 in)
06/24/19 16:51 CST	0	Source: Public

DAWSON COUNTY --- 5.0 E SPARENBURG [32.58, -101.74]

06/24/19 16:50 CST	0	Hail (0.75 in)
06/24/19 16:55 CST	0	Source: Public

HOWARD COUNTY --- 3.0 E BIG SPRING [32.25, -101.42]

06/24/19 16:54 CST	0	Hail (1.00 in)
06/24/19 16:59 CST	0	Source: Trained Spotter

HOWARD COUNTY --- 0.9 W SAND SPGS [32.28, -101.34]

06/24/19 17:00 CST	0	Hail (1.00 in)
06/24/19 17:05 CST	0	Source: Trained Spotter

BORDEN COUNTY --- 0.7 W GAIL [32.77, -101.44]

06/24/19 18:15 CST	0	Hail (1.00 in)
06/24/19 18:20 CST	0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - June 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An upper-level trough was exiting the region, and a cold front/thunderstorm outflow boundary which provided lift had moved into the area the previous night and stalled across the Permian Basin. High moisture values and instability were across the eastern half of the Permian Basin. These conditions resulted in thunderstorms that produced large hail.

UPTON COUNTY --- 1.0 SW MC CAMEY [31.12, -102.24]

06/30/19 16:42 CST	0	Thunderstorm Wind (MG 59 kt)
06/30/19 16:42 CST	0	Source: Mesonet

A thunderstorm moved across Upton County and produced a 68 mph wind gust near McCamey at the mesonet site.

A weak upper level low pressure was near the Texas coast. An outflow boundary from previous thunderstorms was across the Permian Basin. Instability was in place and the boundary created a focus for thunderstorms to develop. These storms produced a strong wind gust.