

Storm Data and Unusual Weather Phenomena - May 2020

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

NEW MEXICO, Southeast

(NM-Z028) EDDY COUNTY PLAINS

	05/08/20 01:52 MST	0	High Wind (MAX 50 kt)
	05/08/20 01:52 MST	0	

Cold air moving in behind a strong, late season cold front brought high winds to gap areas of the Guadalupe Mountains.

TEXAS, West

PECOS COUNTY --- FT STOCKTON [30.88, -102.87]

	05/02/20 16:42 CST	0	Thunderstorm Wind (MG 62 kt)
	05/02/20 16:42 CST	0	Source: ASOS

A thunderstorm moved across Pecos County and produced a 71 mph wind gust at the Fort Stockton ASOS site. No damage was reported.

A dryline was present in the eastern Permian Basin and Lower Trans Pecos. Very hot temperatures were across the area which helped to create instability in the atmosphere. Dry air was present beneath the cloud layer. These conditions resulted in a thunderstorm developing that produced a severe wind gust.

(TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS

	05/05/20 05:51 CST	0	High Wind (MAX 54 kt)
	05/05/20 11:51 CST	0	

Cold air moving in behind a cold front brought strong northeast winds to Guadalupe Pass.

(TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS, (TX-Z277) DAVIS MOUNTAINS

	05/08/20 02:51 CST	0	High Wind (MAX 60 kt)
	05/08/20 11:51 CST	0	

Cold air moving in behind a strong, late season cold front brought high winds to gap areas of the Guadalupe Mountains.

BREWSTER COUNTY --- CASTOLON [29.13, -103.52]

	05/10/20 19:48 CST	0	Thunderstorm Wind (MG 63 kt)
	05/10/20 19:49 CST	0	Source: Mesonet

A thunderstorm moved across Brewster County and produced a 73 mph wind gust at the Castolon mesonet site. The winds gusted over 60 mph for around 10 minutes.

BREWSTER COUNTY --- CASTOLON [29.13, -103.52]

	05/10/20 19:48 CST	0	Heavy Rain
	05/10/20 20:28 CST	0	Source: Mesonet

Heavy rain fell at the Castolon mesonet site for about 40 minutes. Two inches of rain was measured during this time.

An upper level disturbance moved over West Texas and there was heating along the higher terrain. These conditions allowed for lift and instability which resulted in thunderstorms that produced a severe wind gust and heavy rain in the Big Bend area.

PECOS COUNTY --- 1.0 NW FT STOCKTON ARPT FST [30.93, -102.93]

	05/11/20 16:38 CST	0	Thunderstorm Wind (MG 53 kt)
	05/11/20 16:38 CST	0	Source: ASOS

A thunderstorm moved across Pecos County and produced a 61 mph wind gust at the Fort Stockton ASOS site.

BREWSTER COUNTY --- CASTOLON [29.13, -103.52]

	05/11/20 17:01 CST	0	Thunderstorm Wind (MG 55 kt)
	05/11/20 17:01 CST	0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - May 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A thunderstorm moved across Brewster County and produced a 63 mph wind gust at the Castolon mesonet site.				
PECOS COUNTY --- 1.0 S FT STOCKTON ARPT FST [30.91, -102.92]				
	05/11/20 17:01 CST		0	Hail (1.75 in)
	05/11/20 17:06 CST		0	Source: Emergency Manager
PECOS COUNTY --- 1.8 NW FT STOCKTON [30.90, -102.89]				
	05/11/20 17:02 CST		0	Hail (1.25 in)
	05/11/20 17:07 CST		0	Source: Public
PECOS COUNTY --- 13.0 SE FT STOCKTON [30.72, -102.75]				
	05/11/20 17:55 CST		0	Hail (2.50 in)
	05/11/20 18:00 CST		0	Source: Public
PECOS COUNTY --- 1.8 SE FT STOCKTON ARPT FST [30.90, -102.90], 1.5 N FT STOCKTON [30.90, -102.87], 0.3 NNW FT STOCKTON [30.88, -102.87], 1.7 WNW FT STOCKTON [30.89, -102.90]				
	05/11/20 17:57 CST		10K	Flash Flood (due to Heavy Rain)
	05/11/20 19:30 CST		0	Source: Law Enforcement

Heavy rain fell across Pecos County and produced flash flooding in Fort Stockton. Two cars were flooded in Fort Stockton. The cost of damage is a very rough estimate.

REEVES COUNTY --- 2.0 SW PECOS [31.40, -103.50]				
	05/11/20 18:15 CST		0	Thunderstorm Wind (MG 53 kt)
	05/11/20 18:15 CST		0	Source: AWOS

A thunderstorm moved across Reeves County and produced a 61 mph wind gust at the Pecos AWOS site.

MIDLAND COUNTY --- 0.7 NE (MAF) MIDLAND INTL [31.94, -102.19]				
	05/11/20 21:10 CST		0	Thunderstorm Wind (MG 50 kt)
	05/11/20 21:10 CST		0	Source: ASOS

A thunderstorm moved across Midland County and produced a 58 mph wind gust at the Midland ASOS site.

An upper level disturbance moved over West Texas which provided lift. There was strong heating across the area along with a dryline. This resulted in instability, moisture, and lift along the dryline. There was also wind shear present. These conditions resulted in thunderstorms that produced severe winds, large hail, and flash flooding across portions of the Trans Pecos and Permian Basin.

Storm Data and Unusual Weather Phenomena - May 2020

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



Hail piled up on the southeast side of Fort Stockton. Photo is courtesy of Marcus Diaz.

PECOS COUNTY --- 8.0 E COYANOSA [31.17, -102.86], 6.4 S IMPERIAL RES [31.18, -102.86]

05/13/20 15:30 CST	0		Tornado (EF0, L: 0.82 mi , W: 50 yd)
05/13/20 15:32 CST	0		Source: Public

A thunderstorm moved across Pecos County and produced a landspout tornado eight miles east of Coyanosa. The time and location of the tornado were estimated by radar. No damage was reported.

ECTOR COUNTY --- 2.0 WSW ODESSA [31.84, -102.40]

05/13/20 16:32 CST	0		Hail (1.00 in)
05/13/20 16:37 CST	0		Source: Social Media

ECTOR COUNTY --- WEST ODESSA [31.83, -102.50]

05/13/20 16:32 CST	0		Hail (1.25 in)
05/13/20 16:37 CST	0		Source: Social Media

ECTOR COUNTY --- 2.0 W GARDENDALE [32.00, -102.45]

05/13/20 16:49 CST	0		Hail (1.25 in)
05/13/20 16:54 CST	0		Source: Public

ECTOR COUNTY --- GARDENDALE [32.00, -102.42]

Storm Data and Unusual Weather Phenomena - May 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/13/20 17:05 CST		0	Hail (2.50 in)
	05/13/20 17:10 CST		0	Source: Social Media
<hr/>				
SCURRY COUNTY --- 1.0 W SNYDER [32.72, -100.92]				
	05/13/20 18:55 CST		0	Hail (0.75 in)
	05/13/20 19:00 CST		0	Source: Social Media
<hr/>				
SCURRY COUNTY --- 5.0 NNE UNION [32.80, -100.97]				
	05/13/20 19:13 CST		0	Hail (1.00 in)
	05/13/20 19:18 CST		0	Source: Social Media
<hr/>				
SCURRY COUNTY --- 6.0 N SNYDER [32.81, -100.90]				
	05/13/20 19:19 CST		0	Hail (1.50 in)
	05/13/20 19:24 CST		0	Source: Social Media

An upper level disturbance moved over West Texas. There was a dryline present near the West Texas/eastern New Mexico border. Strong heating and instability as well as plentiful moisture were in place across West Texas. These conditions resulted in thunderstorms that produced large hail and a landspout tornado across portions of West Texas.



Golfball sized hail fell six miles north of Snyder. Photo is courtesy of Nathan Hines.

DAWSON COUNTY --- SPARENBURG [32.58, -101.83]

Storm Data and Unusual Weather Phenomena - May 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/15/20 14:10 CST		0	Hail (1.50 in)
	05/15/20 14:15 CST		0	Source: Trained Spotter
<hr/>				
ECTOR COUNTY --- 7.0 WSW ODESSA [31.81, -102.48]				
	05/15/20 14:59 CST		0	Hail (1.00 in)
	05/15/20 15:04 CST		0	Source: Trained Spotter
<hr/>				
ECTOR COUNTY --- WEST ODESSA [31.83, -102.50]				
	05/15/20 14:59 CST		0	Hail (1.25 in)
	05/15/20 15:04 CST		0	Source: Public
<hr/>				
MARTIN COUNTY --- STANTON [32.13, -101.80]				
	05/15/20 15:05 CST		0	Hail (1.25 in)
	05/15/20 15:10 CST		0	Source: Social Media
<hr/>				
MARTIN COUNTY --- STANTON [32.13, -101.80]				
	05/15/20 15:32 CST		0	Hail (1.75 in)
	05/15/20 15:37 CST		0	Source: Social Media
<hr/>				
MARTIN COUNTY --- 0.3 NNW STANTON [32.13, -101.80], 0.3 NNE STANTON RDRUNNER ARP [32.12, -101.80], 1.1 E STANTON [32.13, -101.78], 0.9 ENE STANTON [32.14, -101.79]				
	05/15/20 15:45 CST		20K	Flash Flood (due to Heavy Rain)
	05/15/20 17:00 CST		0	Source: Law Enforcement
<hr/>				
Heavy rain fell across Martin County and produced flash flooding in Stanton. There were four stalled cars. The cost of damage is a very rough estimate.				
<hr/>				
MIDLAND COUNTY --- 4.0 NNE MIDLAND [32.05, -102.05]				
	05/15/20 15:55 CST		3K	Thunderstorm Wind (EG 61 kt)
	05/15/20 15:56 CST		0	Source: Public
<hr/>				
A thunderstorm moved across Midland County and produced wind damage near the City of Midland. There was wind damage to multiple fences with an estimated 70 mph wind gust. The cost of damage is a very rough estimate.				
<hr/>				
HOWARD COUNTY --- 1.0 SSE LOMAX [32.11, -101.62]				
	05/15/20 15:59 CST		0	Thunderstorm Wind (MG 59 kt)
	05/15/20 16:00 CST		0	Source: Mesonet
<hr/>				
A thunderstorm moved across Howard County and produced a 68 mph wind gust at the mesonet site near Lomax.				
<hr/>				
GLASSCOCK COUNTY --- 2.9 NW ST LAWRENCE [31.70, -101.53]				
	05/15/20 16:29 CST		0.50K	Thunderstorm Wind (EG 61 kt)
	05/15/20 16:30 CST		0	Source: Public
<hr/>				
A thunderstorm moved across Glasscock County and produced wind damage in St. Lawrence. Doors were ripped off of a metal barn. The wind speed was estimated at 65 to 70 mph. The time was estimated by radar. The cost of damage is a very rough estimate.				
<hr/>				
TERRELL COUNTY --- 44.0 NE SANDERSON [30.60, -101.88]				
	05/15/20 16:30 CST		8K	Thunderstorm Wind (EG 65 kt)
	05/15/20 16:31 CST		0	Source: Public
<hr/>				
A thunderstorm moved across Terrell County and produced wind damage about 16 miles south southeast of Sheffield. A large healthy tree was blown down which damaged a truck. The cost of damage is a very rough estimate.				
<hr/>				
HOWARD COUNTY --- 3.0 E COAHOMA [32.30, -101.25]				
	05/15/20 16:33 CST		0	Thunderstorm Wind (EG 52 kt)
	05/15/20 16:33 CST		0	Source: Public
<hr/>				
A thunderstorm moved across Howard County and produced an estimated 60 mph wind gust three miles east of Coahoma.				
<hr/>				
REAGAN COUNTY --- 28.0 N BEST [31.64, -101.63]				

Storm Data and Unusual Weather Phenomena - May 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/15/20 17:00 CST		0	Thunderstorm Wind (MG 58 kt)
	05/15/20 17:00 CST		0	Source: Mesonet

A thunderstorm moved across Reagan County and produced a 67 mph wind gust at the mesonet site located five miles southwest of St. Lawrence.

MARTIN COUNTY --- 1.1 NE STANTON [32.14, -101.79], 1.0 NE STANTON [32.14, -101.79], 1.1 NE STANTON [32.14, -101.79], 1.1 NE STANTON [32.14, -101.79]

	05/15/20 17:05 CST		10K	Flash Flood (due to Heavy Rain)
	05/15/20 18:20 CST		0	Source: Trained Spotter

Heavy rain moved across Martin County and produced flash flooding near Stanton. There was water up to the steering wheel on a mini van on the service road at mile marker 158 on I-20. The cost of damage is a very rough estimate.

MITCHELL COUNTY --- 3.3 W COLORADO CITY [32.39, -100.91]

	05/15/20 17:05 CST		50K	Thunderstorm Wind (EG 65 kt)
	05/15/20 17:06 CST		0	Source: Public

A thunderstorm moved across Mitchell County and produced wind damage three miles west of Colorado City. There was an estimated wind gust of 75 mph that flipped a semi-trailer on I-20. The cost of damage is a very rough estimate.

MITCHELL COUNTY --- 3.0 S COLORADO CITY [32.36, -100.85]

	05/15/20 17:10 CST		0	Thunderstorm Wind (MG 53 kt)
	05/15/20 17:10 CST		0	Source: Trained Spotter

A thunderstorm moved across Mitchell County and produced a measured wind gust of 61 mph three miles south of Colorado City.

An upper level trough moved over the region from the west. A dryline was across West Texas and southeast New Mexico with plentiful moisture east of the dryline. High instability was also in place across the area. These conditions resulted in thunderstorms developing that produced large hail, severe winds, and flash flooding.

Storm Data and Unusual Weather Phenomena - May 2020

Location

Date/Time

Deaths &
Injuries

Property &
Crop Dmg

Event Type and Details



Storm Data and Unusual Weather Phenomena - May 2020

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

A flash flood in Stanton resulted in stalled vehicles. Photo is courtesy of Juble Brown.

HOWARD COUNTY --- COAHOMA [32.30, -101.30]

05/20/20 15:43 CST	0		Hail (1.25 in)
05/20/20 15:48 CST	0		Source: Trained Spotter

REAGAN COUNTY --- BIG LAKE [31.20, -101.47]

05/20/20 18:53 CST	0		Hail (0.88 in)
05/20/20 18:58 CST	0		Source: Social Media

There was an upper ridge over Texas and an upper level disturbance that moved within the ridge. A stalled cold front and a dryline were across West Texas which also helped to provide a source of lift. Instability and moisture were in place along and east of the dryline. These conditions resulted in thunderstorms that produced hail across the eastern Permian Basin.

SCURRY COUNTY --- 3.5 SSW HERMLEIGH [32.58, -100.77]

05/21/20 17:34 CST	0		Hail (1.00 in)
05/21/20 17:39 CST	0		Source: Social Media

A dryline was present across West Texas and there was instability across the area. These conditions resulted in a thunderstorm that developed in the eastern Permian Basin that produced hail.

BREWSTER COUNTY --- 3.0 E ALPINE [30.37, -103.62]

05/23/20 12:48 CST	0		Hail (1.00 in)
05/23/20 12:53 CST	0		Source: Trained Spotter

BREWSTER COUNTY --- 3.0 E ALPINE [30.37, -103.62]

05/23/20 13:13 CST	0		Hail (1.00 in)
05/23/20 13:18 CST	0		Source: Trained Spotter

PECOS COUNTY --- 13.9 SE BELDING [30.67, -102.83]

05/23/20 14:30 CST	0		Hail (2.00 in)
05/23/20 14:35 CST	0		Source: Social Media

PECOS COUNTY --- 2.0 NW FT STOCKTON [30.90, -102.89]

05/23/20 15:00 CST	0		Thunderstorm Wind (MG 53 kt)
05/23/20 15:00 CST	0		Source: ASOS

A thunderstorm moved across Pecos County and produced a 61 mph wind gust at the ASOS site near Fort Stockton.

BORDEN COUNTY --- 15.0 NW GAIL [32.92, -101.61]

05/23/20 15:05 CST	0		Hail (1.75 in)
05/23/20 15:10 CST	0		Source: Trained Spotter

BORDEN COUNTY --- 10.0 NE GAIL [32.87, -101.31]

05/23/20 15:40 CST	0		Funnel Cloud
05/23/20 15:43 CST	0		Source: Storm Chaser

A thunderstorm produced a funnel cloud ten miles west of Fluvanna.

PECOS COUNTY --- 17.8 SE CHANCELLOR [30.53, -102.93]

05/23/20 15:49 CST	0		Hail (1.75 in)
05/23/20 15:54 CST	0		Source: Emergency Manager

BORDEN COUNTY --- 17.0 NW GAIL [32.94, -101.64]

05/23/20 16:25 CST	0		Hail (1.50 in)
05/23/20 16:30 CST	0		Source: Social Media

Storm Data and Unusual Weather Phenomena - May 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANDREWS COUNTY --- 18.2 E FLOREY [32.48, -102.27]				
	05/23/20 17:02 CST	0		Hail (1.75 in)
	05/23/20 17:07 CST	0		Source: Trained Spotter
REAGAN COUNTY --- 28.0 N BEST [31.64, -101.63]				
	05/23/20 18:20 CST	0		Thunderstorm Wind (MG 51 kt)
	05/23/20 18:20 CST	0		Source: Mesonet
A thunderstorm produced a 59 mph wind gust at the St. Lawrence mesonet site.				
An upper level trough was approaching Texas from the west which provided atmospheric lift. A dryline was present across West Texas with very moist and unstable air to the east of this feature. These conditions, along with sufficient wind shear, allowed thunderstorms to develop across West Texas that produced severe wind gusts, large hail, and a funnel cloud.				
PECOS COUNTY --- 38.0 SE FT STOCKTON [30.49, -102.42]				
	05/24/20 13:53 CST	0		Hail (1.50 in)
	05/24/20 13:58 CST	0		Source: Trained Spotter
GLASSCOCK COUNTY --- 14.9 WNW GARDEN CITY [31.98, -101.72]				
	05/24/20 16:22 CST	0		Hail (1.00 in)
	05/24/20 16:27 CST	0		Source: Trained Spotter
REAGAN COUNTY --- 1.0 WNW BIG LAKE [31.21, -101.49]				
	05/24/20 16:25 CST	0		Thunderstorm Wind (MG 50 kt)
	05/24/20 16:25 CST	0		Source: Mesonet
A thunderstorm produced a 58 mph wind gust near Big Lake.				
SCURRY COUNTY --- 2.4 SSE FULLERVILLE [32.89, -101.05]				
	05/24/20 17:28 CST	0		Hail (1.00 in)
	05/24/20 17:33 CST	0		Source: Trained Spotter
BORDEN COUNTY --- 17.0 NE GAIL [32.94, -101.22]				
	05/24/20 18:07 CST	0		Hail (1.00 in)
	05/24/20 18:12 CST	0		Source: Trained Spotter
An upper trough was to the west of the region, and a dryline was across West Texas. An upper level disturbance moved over the area. There was high moisture and instability east of the dryline. These conditions resulted in thunderstorms across the eastern Permian Basin and Lower Trans Pecos that produced hail and strong winds.				
PRESIDIO COUNTY --- 1.0 W RYAN [30.42, -104.30]				
	05/28/20 17:00 CST	0		Hail (1.75 in)
	05/28/20 17:05 CST	0		Source: Public
An upper trough was to the east of the region, and a cold front was moving through West Texas. This front, along with the higher terrain in the area, helped to create lift. Low-level moisture was also present. These conditions resulted in a thunderstorm developing near the Rio Grande with large hail.				