

Storm Data and Unusual Weather Phenomena - October 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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NEW MEXICO, Southeast

EDDY COUNTY --- 24.0 NE OTIS [32.60, -103.88]

	10/04/18 17:35 MST	0	Hail (1.25 in)
	10/04/18 17:40 MST	0	Source: Public

An upper ridge was over Texas and Louisiana and an upper trough was over the western part of the country. Upper level disturbances which moved across the eastern edge of the upper trough moved over the region and provided lift. Plentiful moisture and good surface heating were across southeast New Mexico. These conditions resulted in a thunderstorm with large hail in Eddy County.

TEXAS, West

GAINES COUNTY --- 1.1 NNW SEAGRAVES [32.94, -102.56], 0.9 NNW SEAGRAVES [32.94, -102.56], 1.0 NNW SEAGRAVES [32.94, -102.55], 1.2 NNW SEAGRAVES [32.95, -102.56]

	10/05/18 20:54 CST	5K	Flash Flood (due to Heavy Rain)
	10/05/18 22:54 CST	0	Source: Emergency Manager

Heavy rain fell across Gaines County and produced flash flooding near Seagraves. The Seagraves Fire Department performed high water rescues at the intersection of State Highway 83 and US Highway 62, one mile north of Seagraves. The cost of damage is a very rough estimate.

BREWSTER COUNTY --- ALPINE [30.37, -103.67]

	10/05/18 21:18 CST	0	Hail (1.00 in)
	10/05/18 21:23 CST	0	Source: Trained Spotter

An upper trough to the west of the region was heading east and increased lift as upper level disturbances moved over the area. Good surface heating was present along with good low-level moisture. Instability and wind shear were also good across the area. These conditions resulted in hail and flash flooding across parts of West Texas.

ECTOR COUNTY --- 3.8 NE ODESSA [31.89, -102.32]

	10/08/18 10:50 CST	0	Thunderstorm Wind (EG 52 kt)
	10/08/18 10:50 CST	0	Source: NWS Employee

A thunderstorm moved across Ector County and produced a 60 mph wind gust on the east side of Odessa.

UPTON COUNTY --- 4.1 N MC CAMEY [31.19, -102.23]

	10/08/18 16:15 CST	0	Tornado (EF0, L: 0.05 mi , W: 50 yd)
	10/08/18 16:15 CST	0	Source: Fire Department/Rescue

A thunderstorm moved across Upton County and produced a tornado near McCamey. The tornado touched down four miles north of McCamey for a couple of seconds in an open field then lifted. It was classified as an EF-0.

MITCHELL COUNTY --- 1.0 S WESTBROOK [32.34, -101.02], 1.0 SSE WESTBROOK [32.34, -101.02], 1.3 SSE WESTBROOK [32.33, -101.01], 1.4 S WESTBROOK [32.33, -101.02]

	10/08/18 18:15 CST	0	Flash Flood (due to Heavy Rain)
	10/08/18 20:00 CST	0	Source: Social Media

Heavy rain fell across Mitchell County and produced flash flooding near Westbrook. There was flooding along FM 670. Several city streets within Westbrook were also covered with water.

GLASSCOCK COUNTY --- 13.3 W GARDEN CITY [31.91, -101.72], 12.7 WNW GARDEN CITY [31.91, -101.71], 13.7 WNW GARDEN CITY [31.94, -101.72], 14.3 WNW GARDEN CITY [31.94, -101.73]

	10/08/18 18:30 CST	0	Flash Flood (due to Heavy Rain)
	10/08/18 21:30 CST	0	Source: Social Media

Heavy rain fell across Glasscock County and produced flash flooding about 22 miles east southeast of Midland. There was a public report of six inches of water running over State Highway 137, about one mile north of State Highway 158.

GLASSCOCK COUNTY --- 12.9 W GARDEN CITY [31.89, -101.72], 12.3 W GARDEN CITY [31.89, -101.71], 13.0 WNW GARDEN CITY [31.92, -101.71], 13.6 WNW GARDEN CITY [31.92, -101.72]

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	10/08/18 18:38 CST		5K	Flash Flood (due to Heavy Rain)
	10/08/18 20:20 CST		0	Source: Public

Heavy rain fell across Glasscock County and produced flash flooding west of Garden City. There was road flooding just to the north of Highway 158 on Highway 137. Numerous water crossings were coming up over the road. This forced the closure of the road.

HOWARD COUNTY --- 0.4 SE SOUTH HAVEN [32.18, -101.48], 0.4 SE SOUTH HAVEN [32.18, -101.47], 0.4 SE SOUTH HAVEN [32.18, -101.47], 0.4 ESE SOUTH HAVEN [32.18, -101.47]

	10/08/18 20:23 CST		0.50K	Flash Flood (due to Heavy Rain)
	10/08/18 22:00 CST		0	Source: Law Enforcement

Heavy rain fell across Howard County and produced flash flooding south of Big Spring. Ranch Road 33 was closed off of Highway 87 due to flooding.

HOWARD COUNTY --- 5.4 S SOUTH HAVEN [32.10, -101.50], 5.3 S SOUTH HAVEN [32.10, -101.49], 4.7 SSW SOUTH HAVEN [32.11, -101.50], 4.8 SSW SOUTH HAVEN [32.11, -101.50]

	10/08/18 20:37 CST		2K	Flash Flood (due to Heavy Rain)
	10/08/18 22:30 CST		0	Source: Trained Spotter

Heavy rain fell across Howard County and produced flash flooding south of Big Spring. There was flooding along Ranch Road 33 near US 87 at the Howard-Glasscock line. A car was stranded in flood waters.

REEVES COUNTY --- 7.8 ESE SARAGOSA [30.97, -103.53]

	10/08/18 20:48 CST		0	Hail (1.00 in)
	10/08/18 20:53 CST		0	Source: Emergency Manager

GLASSCOCK COUNTY --- 10.0 WNW GARDEN CITY [31.93, -101.66], 10.0 WNW GARDEN CITY [31.93, -101.66], 10.3 WNW GARDEN CITY [31.93, -101.66], 10.2 WNW GARDEN CITY [31.92, -101.66]

	10/08/18 22:00 CST		1K	Flash Flood (due to Heavy Rain)
	10/09/18 01:00 CST		0	Source: Social Media

Heavy rain fell across Glasscock County and produced flash flooding about 26 miles east southeast of Midland. The public reported one foot of water running over Private Road 4281.

REAGAN COUNTY --- 28.0 N BEST [31.64, -101.63]

	10/08/18 23:50 CST		0	Thunderstorm Wind (MG 54 kt)
	10/08/18 23:50 CST		0	Source: Mesonet

A thunderstorm moved across Reagan County and produced a 62 mph wind gust about five miles southwest of St. Lawrence.

MIDLAND COUNTY --- 1.9 ESE SPRABERRY [31.91, -101.80], 1.9 E SPRABERRY [31.92, -101.80], 8.2 ESE SPRABERRY [31.89, -101.69], 8.3 ESE SPRABERRY [31.88, -101.70]

	10/09/18 05:08 CST		50K	Flood (due to Heavy Rain)
	10/09/18 09:30 CST		0	Source: Fire Department/Rescue

Heavy rain fell across Midland County and produced flooding on Highway 158. There was a high water rescue on Highway 158 near the Midland/Glasscock County line. Highway 158 was closed just northwest of State Highway 137 due to flooding. The rushing water removed much of the pavement along this road and SH 137. A guard rail also got damaged along SH 158.

An upper level trough was centered near the Four Corners region which brought an increase in upper level lift across West Texas. The area was in a favorable position under the upper level jet stream which also aided in lift. A plentiful supply of moisture was in place and wind shear was favorable for thunderstorm development across West Texas. These conditions resulted in strong winds, hail, flash flooding, and a tornado.

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A thunderstorm produced a brief tornado about four miles north of McCamey. It occurred in an open field so there was no damage and it was classified as an EF-0. Photo is courtesy of Steven Heiser.

BREWSTER COUNTY --- 12.5 ENE HAYMOND [30.18, -102.82]

10/12/18 20:42 CST		0	Hail (1.00 in)
10/12/18 20:47 CST		0	Source: Public

PECOS COUNTY --- 10.0 W BAKERSFIELD [30.88, -102.45]

10/12/18 22:30 CST		0	Hail (1.75 in)
10/12/18 22:35 CST		0	Source: Law Enforcement

The local sheriff's department reported golf ball sized hail between mile markers 280-286 along Interstate 10.

UPTON COUNTY --- MC CAMEY [31.13, -102.23]

10/13/18 00:42 CST		0	Thunderstorm Wind (MG 60 kt)
10/13/18 00:42 CST		0	Source: Mesonet

A thunderstorm moved across Upton County and produced a 69 mph wind gust in McCamey.

WINKLER COUNTY --- 0.8 NNW WINK [31.76, -103.15], 0.8 NNW WINK [31.76, -103.15], 0.8 NNW WINK [31.76, -103.15], 0.8 NNW WINK [31.76, -103.15]

10/13/18 02:00 CST		0.50K	Flash Flood (due to Heavy Rain)
10/13/18 04:00 CST		0	Source: Department of Highways

Heavy rain fell across Winkler County and produced flash flooding in Wink. The intersection of State Highway 115 and Wildcat Drive was closed due to flooding. The timing of flooding was estimated.

MIDLAND COUNTY --- 2.1 NNE GREENWOOD [32.03, -101.90]

10/13/18 03:05 CST		4K	Thunderstorm Wind (EG 65 kt)
10/13/18 03:06 CST		0	Source: NWS Employee

A thunderstorm moved across Midland County and produced wind damage in Greenwood. There were downed power lines at South County Road 1083 and Farm to Market Road 307. There was a sign damaged and a collapsed carport in town.

MIDLAND COUNTY --- 3.5 E MIDLAND [32.00, -102.02], 3.5 E MIDLAND [32.00, -102.02], 3.6 E MIDLAND [32.00, -102.02], 3.6 E MIDLAND [32.00, -102.02]

10/13/18 05:00 CST		0.50K	Flash Flood (due to Heavy Rain)
10/13/18 07:00 CST		0	Source: Department of Highways

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. Farm to Market Road 307 was closed at I-20 in Midland.

MIDLAND COUNTY --- 2.2 ESE MIDLAND [31.99, -102.05], 2.2 ESE MIDLAND [31.98, -102.05], 2.5 ESE MIDLAND [31.98, -102.04], 2.5 ESE MIDLAND [31.98, -102.04]

10/13/18 05:30 CST		0	Flash Flood (due to Heavy Rain)
10/13/18 06:30 CST		0	Source: Social Media

Heavy rain fell across Midland County and produced flash flooding near the City of Midland. There was flooding around Highway 158 near I-20. No damage was reported.

A tropical depression had made landfall over Baja, California and was moving across northern Mexico within upper level southwest winds. A cold front was moving across West Texas. An abundance of moisture was present, and upper level lift increased across the region during the evening and overnight of October 12th as the tropical depression came closer. These conditions resulted in hail, strong winds, and flash flooding across West Texas.

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A thunderstorm moved across Midland County and produced wind damage in Greenwood. A carport collapsed. Picture is courtesy of Charles Yaws.