

Storm Data and Unusual Weather Phenomena - September 2017

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

EDDY COUNTY --- 12.0 SW WHITES CITY [32.05, -104.52]

	09/23/17 17:15 MST		3K	Hail (1.75 in)
	09/23/17 17:20 MST		0	Source: Public

A thunderstorm moved across Eddy County and produced hail damage twelve miles southwest of Whites City . The hail broke windows on four vehicles, a bedroom window and a skylight on a home, and tail lights and running lights on a camper. The cost of damage is a very rough estimate.

An upper trough was over Nevada and Idaho and was moving eastward. This trough provided lift, and there was a plethora of moisture across the area. These conditions resulted in thunderstorms with large hail.

TEXAS, West

BORDEN COUNTY --- 2.0 ESE GAIL [32.76, -101.40]

	09/18/17 19:10 CST		0	Thunderstorm Wind (MG 57 kt)
	09/18/17 19:10 CST		0	Source: Mesonet

A thunderstorm moved across Borden County and produced a 66 mph wind gust at the mesonet site near Gail.

HOWARD COUNTY --- 1.0 E BIG SPRING [32.25, -101.45]

	09/18/17 19:50 CST		0	Hail (1.00 in)
	09/18/17 19:55 CST		0	Source: Trained Spotter

HOWARD COUNTY --- 5.0 N BIG SPRING [32.32, -101.47]

	09/18/17 19:50 CST		0	Thunderstorm Wind (EG 52 kt)
	09/18/17 19:50 CST		0	Source: Fire Department/Rescue

A thunderstorm moved across Howard County and produced a 60 mph wind gust five miles north of Big Spring.

HOWARD COUNTY --- 5.0 N BIG SPRING [32.32, -101.47]

	09/18/17 19:50 CST		0	Hail (1.75 in)
	09/18/17 19:55 CST		0	Source: Fire Department/Rescue

HOWARD COUNTY --- 3.5 NE FAIRVIEW [32.38, -101.47]

	09/18/17 20:00 CST		0	Hail (1.25 in)
	09/18/17 20:15 CST		0	Source: Public

There was a weak ridge over the region with good moisture across the area. Temperatures were above normal which allowed for more instability. These conditions allowed for storms with large hail and strong winds to develop across West Texas.

CULBERSON COUNTY --- 34.0 E PINE SPGS [31.85, -104.22]

	09/23/17 18:15 CST		0	Hail (2.50 in)
	09/23/17 18:20 CST		0	Source: Trained Spotter

REEVES COUNTY --- ORLA [31.82, -103.90]

	09/23/17 20:23 CST		0	Thunderstorm Wind (EG 52 kt)
	09/23/17 20:23 CST		0	Source: Amateur Radio

A thunderstorm moved across Reeves County and produced a 60 mph wind gust and pea sized hail in Orla.

An upper trough was over Nevada and Idaho and was moving eastward. This trough provided lift, and there was a plethora of moisture across the area. These conditions resulted in thunderstorms with large hail and strong winds.

ANDREWS COUNTY --- 8.0 S ANDREWS [32.20, -102.55]

	09/25/17 16:50 CST		6K	Thunderstorm Wind (EG 61 kt)
	09/25/17 16:51 CST		0	Source: Trained Spotter

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A thunderstorm moved across Andrews County and produced wind damage eight miles south of the City of Andrews . A few telephone poles were blown down. The cost of damage is a very rough estimate.

ANDREWS COUNTY --- 8.0 S ANDREWS [32.20, -102.55]

	09/25/17 16:50 CST		0	Hail (0.75 in)
	09/25/17 16:55 CST		0	Source: Trained Spotter

MIDLAND COUNTY --- 3.5 SW MIDLAND [31.97, -102.13], 3.4 SW MIDLAND [31.97, -102.13], 3.4 SW MIDLAND [31.97, -102.13], 3.5 SW MIDLAND [31.97, -102.13]

	09/25/17 19:39 CST		1K	Flash Flood (due to Heavy Rain)
	09/25/17 22:00 CST		0	Source: Fire Department/Rescue

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. There was a vehicle stalled in high water at the intersection of Midland Drive and Seminole Drive. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 3.0 WNW MIDLAND [32.02, -102.13], 2.9 WNW MIDLAND [32.02, -102.12], 3.0 WNW MIDLAND [32.02, -102.12], 3.0 WNW MIDLAND [32.02, -102.13]

	09/25/17 19:49 CST		1K	Flash Flood (due to Heavy Rain)
	09/25/17 22:00 CST		0	Source: Fire Department/Rescue

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. There was a vehicle stalled in high water at the intersection of Wadley Avenue and Midkiff Road. The cost of damage is a very rough estimate.

An upper level trough was over southeast Montana, and a cold front was in the Texas Panhandle moving south towards the area. Good low-level moisture and upper lift combined with an unstable atmosphere across West Texas. These conditions resulted in thunderstorms developing with damaging winds and flash flooding.

MARTIN COUNTY --- 5.2 SW ACKERLY [32.47, -101.78], 5.4 S ACKERLY [32.44, -101.70], 7.4 S ACKERLY [32.41, -101.74], 5.3 SE FLOWER GROVE [32.44, -101.82]

	09/26/17 13:09 CST		0.20K	Flash Flood (due to Heavy Rain)
	09/26/17 15:30 CST		0	Source: Department of Highways

Heavy rain fell across Martin County and produced flash flooding. FM 26 between FM 2212 and FM 3263 in Martin County was closed due to high water. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 0.8 SE WARFIELD [31.91, -102.22], 1.1 SE WARFIELD [31.91, -102.22], 1.3 ESE WARFIELD [31.91, -102.21], 1.1 ESE WARFIELD [31.92, -102.21]

	09/26/17 13:19 CST		2K	Flash Flood (due to Heavy Rain)
	09/26/17 15:30 CST		0	Source: Fire Department/Rescue

Heavy rain fell across Midland County and produced flash flooding. A vehicle was submerged in high water on the westbound service road of Interstate 20 and Farm to Market 1788. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 4.3 WSW MIDLAND [31.98, -102.15], 4.1 WSW MIDLAND [31.98, -102.15], 4.2 ENE (MAF) MIDLAND INTL [31.96, -102.14], 3.9 ENE (MAF) MIDLAND INTL [31.96, -102.14]

	09/26/17 13:40 CST		0	Flash Flood (due to Heavy Rain)
	09/26/17 15:00 CST		0	Source: NWS Employee

Heavy rain fell in Midland County and produced flash flooding in the City of Midland. There was water covering the access road off Loop 250 between Thomason Drive and Business 20.

ECTOR COUNTY --- 0.6 N ODESSA [31.86, -102.37], 0.7 N ODESSA [31.86, -102.37], 0.6 N ODESSA [31.86, -102.37], 0.6 N ODESSA [31.86, -102.37]

	09/26/17 14:15 CST		2K	Flash Flood (due to Heavy Rain)
	09/26/17 16:30 CST		0	Source: Fire Department/Rescue

Heavy rain fell across Ector County and produced flash flooding in Odessa. The Odessa Fire/Rescue reported a high water rescue at Muskingum and 14th Street in Odessa. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 2.5 NE (MAF) MIDLAND INTL [31.95, -102.17], 2.5 ENE (MAF) MIDLAND INTL [31.95, -102.16], 2.5 ENE (MAF) MIDLAND INTL [31.95, -102.16], 2.5 ENE (MAF) MIDLAND INTL [31.95, -102.16]

	09/26/17 14:50 CST		1K	Flash Flood (due to Heavy Rain)
	09/26/17 17:00 CST		0	Source: Fire Department/Rescue

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Heavy rain fell across Midland County and produced flash flooding. A vehicle was in high water at Airline and Highway 80 near the City of Midland. The cost of damage is a very rough estimate.				

MIDLAND COUNTY --- 3.5 SW MIDLAND [31.97, -102.13], 3.4 SW MIDLAND [31.97, -102.13], 3.4 SW MIDLAND [31.97, -102.13], 3.5 SW MIDLAND [31.97, -102.13]

	09/26/17 14:50 CST		1K	Flash Flood (due to Heavy Rain)
	09/26/17 17:00 CST		0	Source: Fire Department/Rescue

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. A vehicle was in high water at Seminole and Midland Drive. The cost of damage is a very rough estimate.

There was an upper trough extending from the Great Plains to the Desert Southwest. Warm, moist air was interacting with a cold front north of southwest Texas. A plentiful supply of moisture was across West Texas, and upper lift was enhanced by placement of the area under an upper jet stream. The positioning of the front and the upper jet allowed for storms and heavy rain to develop and move over the same areas. These conditions contributed to flash flooding across the Permian Basin.