

Storm Data and Unusual Weather Phenomena - September 2018

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

LEA COUNTY --- HOBBS [32.70, -103.13]				
	09/01/18 14:50 MST		0	Thunderstorm Wind (MG 50 kt)
	09/01/18 14:50 MST		0	Source: ASOS

A thunderstorm moved across Lea County and produced a wind gust of 58 mph in Hobbs.

An upper trough was west of the region over the Rocky Mountains and a surface trough was over southeast New Mexico. There was good heating and moisture across the area along with decent wind shear. These conditions allowed for a thunderstorm to develop and produce strong winds in Lea County.

TEXAS, West

PECOS COUNTY --- 20.6 NNW CHANCELLOR [30.93, -103.36], 22.0 NNW CHANCELLOR [30.96, -103.36], 20.9 NNW CHANCELLOR [30.95, -103.32], 19.8 NNW CHANCELLOR [30.93, -103.33]				
	09/06/18 15:59 CST		3K	Flash Flood (due to Heavy Rain)
	09/06/18 18:00 CST		0	Source: Law Enforcement

Heavy rain fell across Pecos County and produced flash flooding 29 miles west of Fort Stockton. There was a high water rescue on the service road along I-10 at mile marker 229. The cost of damage is a very rough estimate.

PECOS COUNTY --- 6.2 SSE FT STOCKTON [30.80, -102.81], 9.6 SE FT STOCKTON [30.77, -102.77], 9.7 SSE FT STOCKTON [30.76, -102.79], 6.3 SSE FT STOCKTON [30.80, -102.83]				
	09/06/18 17:45 CST		0	Flash Flood (due to Heavy Rain)
	09/06/18 18:14 CST		0	Source: Social Media

Heavy rain fell across Pecos County and produced flash flooding eight miles southeast of Fort Stockton. At least one foot of water was running over US Highway 285. No damage was reported.

West Texas was in between two upper ridges with a cold front that had stalled along the Davis Mountains. Upper level disturbances within the upper flow moved over the area. Outflow boundaries from previous showers/isolated thunderstorms were across the area along with a surface trough. There was plentiful moisture across West Texas with moisture in the mid-levels coming from the subtropical Pacific. These conditions of lift and moisture resulted in flash flooding in parts of West Texas.

PECOS COUNTY --- 6.4 W IMPERIAL RES [31.27, -102.98], 7.7 N COYANOSA [31.28, -103.02], 6.8 NNW COYANOSA [31.27, -103.02], 6.3 N COYANOSA [31.26, -102.98]				
	09/07/18 08:39 CST		0	Flash Flood (due to Heavy Rain)
	09/07/18 09:59 CST		0	Source: Social Media

Heavy rain fell across Pecos County and produced flash flooding near Coyanosa. Water up to two feet deep was reported east of FM 1776 on and along FM 1450. No damage was reported.

MIDLAND COUNTY --- 2.7 WNW MIDLAND [32.01, -102.12], 2.7 WNW MIDLAND [32.01, -102.12], 2.3 WNW MIDLAND [32.01, -102.12], 2.3 WNW MIDLAND [32.02, -102.12]				
	09/07/18 08:45 CST		1K	Flash Flood (due to Heavy Rain)
	09/07/18 11:44 CST		0	Source: Amateur Radio

Heavy rain fell across Midland County and produced flash flooding across the City of Midland. Flooding was reported over roads and up into sidewalks and front yards at the intersection of Midkiff Road and Neely Avenue and across towards Garfield Street. The cost of damage is a very rough estimate.

ECTOR COUNTY --- 1.1 E GREENFIELD ACRES [31.87, -102.38], 1.1 ENE GREENFIELD ACRES [31.87, -102.38], 1.1 ENE GREENFIELD ACRES [31.88, -102.38], 1.1 ENE GREENFIELD ACRES [31.88, -102.38]				
	09/07/18 09:07 CST		0	Flash Flood (due to Heavy Rain)
	09/07/18 11:30 CST		0	Source: Social Media

Heavy rain produced flash flooding in Odessa. Curb to curb flooding was reported along US Highway 385 just north of 31st Street and surrounding areas.

MIDLAND COUNTY --- 3.0 E MIDLAND [32.00, -102.03], 3.4 E MIDLAND [31.99, -102.02], 4.3 E MIDLAND [32.00, -102.01], 4.0 E MIDLAND [32.01, -102.01]				
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	09/07/18 09:30 CST		10K	Flash Flood (due to Heavy Rain)
	09/07/18 14:30 CST		0	Source: Department of Highways

Heavy rain fell across Midland County and produced flash flooding. This flooding caused road closures of the I-20 service road near Cotton Flat, the Lamesa Road overpass and north service road eastbound lane, and FM 307 at I-20 due to road damage. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 3.8 WNW MIDLAND [32.02, -102.14], 3.7 WNW MIDLAND [32.02, -102.14], 2.0 NNW MIDLAND [32.03, -102.09], 2.1 NNW MIDLAND [32.03, -102.09]				
	09/07/18 10:15 CST		20K	Flash Flood (due to Heavy Rain)
	09/07/18 12:00 CST		0	Source: Social Media

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. Multiple vehicles were stranded at various intersections along Wadley Avenue. The cost of damage is a very rough estimate.

PECOS COUNTY --- 7.4 SW IMPERIAL [31.19, -102.77], 7.4 SW IMPERIAL [31.19, -102.77], 0.7 W IMPERIAL [31.27, -102.69], 0.9 WNW IMPERIAL [31.27, -102.69]				
	09/07/18 10:20 CST		5K	Flash Flood (due to Heavy Rain)
	09/07/18 13:20 CST		0	Source: Department of Highways

Heavy rain fell across Pecos County and produced flash flooding near Imperial. Water runoff from heavy rains had forced the closure of FM 1053 south of Imperial between FM 11 and FM 1450. It was reported that the road will be closed until damage assessments and repairs can be made. The cost of damage is a very rough estimate.

MIDLAND COUNTY --- 4.5 W MIDLAND [32.00, -102.16], 4.4 W MIDLAND [32.00, -102.16], 4.2 W MIDLAND [32.00, -102.15], 4.2 W MIDLAND [32.00, -102.15]				
	09/07/18 10:33 CST		0	Flash Flood (due to Heavy Rain)
	09/07/18 13:30 CST		0	Source: Public

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. High water was reported over Highway 191 at Loop 250. No damages were reported.

MIDLAND COUNTY --- 3.5 W WARFIELD [31.92, -102.29], 3.5 W WARFIELD [31.92, -102.29], 3.2 WSW WARFIELD [31.91, -102.28], 3.3 WSW WARFIELD [31.91, -102.28]				
	09/07/18 11:00 CST		0	Flash Flood (due to Heavy Rain)
	09/07/18 14:00 CST		0	Source: Social Media

Heavy rain fell across Midland and Ector Counties and produced flash flooding. FM 588/Faudree Road was reported to be under water with flooding over the curbs. No damage was reported.

ECTOR COUNTY --- 4.0 ENE ODESSA [31.86, -102.30], 4.3 ENE ODESSA [31.87, -102.30], 4.3 ENE ODESSA [31.87, -102.30], 4.0 ENE ODESSA [31.87, -102.31]				
	09/07/18 11:10 CST		7K	Flash Flood (due to Heavy Rain)
	09/07/18 14:00 CST		0	Source: Department of Highways

Heavy rain fell across Ector County and produced flash flooding. Service roads were impassable at I-20 and Loop 338 E. There were stranded vehicles. The cost of damage is a very rough estimate.

MARTIN COUNTY --- 5.0 N LENORAH [32.37, -101.87], 4.8 NNW LENORAH [32.37, -101.89], 6.9 NNW LENORAH [32.40, -101.90], 6.9 S FLOWER GROVE [32.40, -101.88]				
	09/07/18 12:20 CST		0	Flash Flood (due to Heavy Rain)
	09/07/18 15:20 CST		0	Source: Trained Spotter

Heavy rain fell across Martin County and produced flash flooding near Lenorah. Water was running over Highway 137, five miles north of Highway 176. No damage was reported.

ECTOR COUNTY --- 4.3 NW GREENFIELD ACRES [31.91, -102.46], 2.6 NE ODESSA ECTOR CO ARPT [31.94, -102.34], 3.7 ESE ODESSA [31.84, -102.31], 3.3 SSW ODESSA [31.81, -102.39]				
	09/07/18 13:30 CST		80K	Flash Flood (due to Heavy Rain)
	09/07/18 16:30 CST		0	Source: Law Enforcement

Heavy rain fell across Ector County and produced flash flooding in Odessa. Numerous road closures and stalled vehicles were reported across various portions of the City of Odessa. The cost of damage is a very rough estimate.

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MIDLAND COUNTY --- 5.4 WNW MIDLAND [32.03, -102.17], 3.9 NNE MIDLAND [32.06, -102.07], 3.1 SE MIDLAND [31.97, -102.04], 3.8 ENE (MAF) MIDLAND INTL [31.94, -102.14]				
	09/07/18 13:30 CST		80K	Flash Flood (due to Heavy Rain)
	09/07/18 16:30 CST		0	Source: Law Enforcement

Heavy rain fell across Midland County and produced flash flooding in the City of Midland. There were numerous road closures and stalled vehicles reported throughout the City of Midland. The cost of damage is a very rough estimate.

An upper trough was slowly moving across the Central Plains. A lingering cold front from the previous day was still across the area providing a source of lift along with the upper trough. West Texas was also under a favorable region of the jet stream for lift. There was a plentiful supply of moisture across the area. All of this moisture and lift resulted in flash flooding across portions of West Texas.

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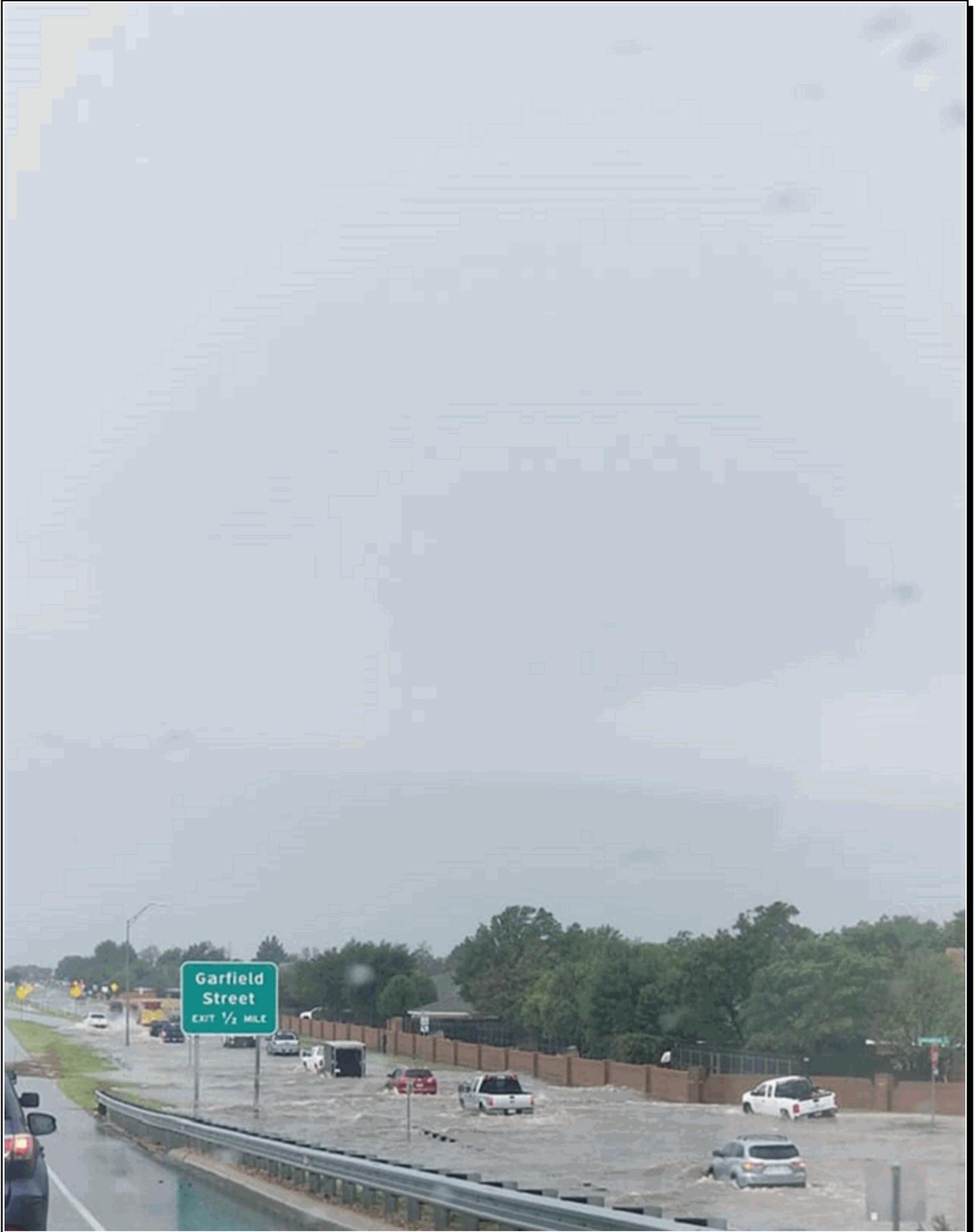
Location

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Heavy rain fell across the City of Midland and produced flash flooding. Photo is courtesy of Letty Avila.

REAGAN COUNTY --- 6.2 NNW BIG LAKE [31.28, -101.50], 5.6 NNW BIG LAKE [31.28, -101.50], 5.5 NNW BIG LAKE [31.28, -101.50], 6.0 NNW BIG LAKE [31.28, -101.50]

	09/21/18 07:06 CST	5K	Flash Flood (due to Heavy Rain)
	09/21/18 09:10 CST	0	Source: Social Media

Heavy rain fell across Reagan County and produced flash flooding north of Big Lake. There was significant flooding on State Highway 137 north of Big Lake. Vehicles were stalled and water was running in the bar ditches and pastures. The cost of damage is a very rough estimate.

An upper level disturbance moved over West Texas, and a cold front was approaching the area. Plentiful moisture was present along with the lift from the disturbance and cold front. These conditions contributed to flash flooding across parts of West Texas.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	09/22/18 00:07 MST	0	High Wind (MAX 36 kt)
	09/22/18 02:51 MST	0	

Strong northeast gap winds occurred in Guadalupe Pass behind a cold front.