

Storm Data and Unusual Weather Phenomena - July 2013

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

LEA COUNTY --- 3.3 NE HOBBS IND ARPT [32.80, -103.16], 3.1 NE HOBBS IND ARPT [32.79, -103.16], 3.1 SW KNOWLES [32.79, -103.11], 2.8 SW KNOWLES [32.80, -103.12]				
	07/17/13 09:07 MST		0.20K	Flash Flood (due to Heavy Rain)
	07/17/13 09:37 MST		0	Source: Law Enforcement

Heavy rain moved across Lea County and produced flash flooding in Hobbs. Alabama Road in Hobbs was underwater. The cost of damage is a very rough estimate since no damage was reported.

EDDY COUNTY --- 0.9 S CARLSBAD [32.41, -104.23], 0.9 S CARLSBAD [32.41, -104.23], 1.1 S CARLSBAD [32.40, -104.23], 1.1 S CARLSBAD [32.40, -104.23]				
	07/17/13 11:39 MST		0.40K	Flash Flood (due to Heavy Rain)
	07/17/13 12:09 MST		0	Source: Emergency Manager

Heavy rain moved across Eddy County and produced flash flooding in Carlsbad. San Jose Street in Carlsbad was flooded and barricaded. The cost of damage is a very rough estimate since no damage was reported.

EDDY COUNTY --- 3.0 SSW (CNM)CARLSBAD ARPT [32.29, -104.30], 3.4 SSW (CNM)CARLSBAD ARPT [32.29, -104.30], 3.9 SW (CNM)CARLSBAD ARPT [32.29, -104.32], 3.7 SW (CNM)CARLSBAD ARPT [32.29, -104.32]				
	07/17/13 12:55 MST		0.20K	Flash Flood (due to Heavy Rain)
	07/17/13 13:25 MST		0	Source: Emergency Manager

Heavy rain moved across Eddy County and produced flash flooding on Dark Canyon Road. This road was barricaded due to the flooding. The cost of damage is a very rough estimate since there was no damage reported.

An upper low was over eastern New Mexico with upper level disturbances which rotated around the low and provided lift. In addition to the lift, abundant moisture was across the area. This resulted in flash flooding across Southeast New Mexico and West Texas.

TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	07/14/13 23:45 MST		0	High Wind (MAX 39 kt)
	07/15/13 05:55 MST		0	

A westward moving upper trough and associated strong mid level winds resulted in high winds in the Guadalupe Mountains.

ECTOR COUNTY --- ODESSA [31.85, -102.37]				
	07/17/13 17:47 CST		0	Heavy Rain
	07/17/13 18:07 CST		0	Source: Trained Spotter

Heavy rain was reported in Odessa with water up to the curb at the intersection of Laredo and Dixie.

An upper low was over eastern New Mexico with upper level disturbances which rotated around the low and provided lift. In addition to the lift, abundant moisture was across the area. This resulted in flash flooding across Southeast New Mexico and West Texas.

BREWSTER COUNTY --- PANTHER JUNCTION [29.30, -103.30]				
	07/26/13 16:00 CST		0	Thunderstorm Wind (MG 55 kt)
	07/26/13 16:01 CST		0	Source: RAWS

A thunderstorm moved across Brewster County and produced a 63 mph wind gust at Panther Junction. No damage was reported.

The region was under the eastern edge of an upper ridge. A pre-frontal trough was over the area with a cold front further north across the Permian Basin. This feature provided enough lift for thunderstorms to develop across the Big Bend area.

CULBERSON COUNTY --- PINE SPGS [31.88, -104.80]				
	07/28/13 17:30 CST		0	Thunderstorm Wind (MG 59 kt)
	07/28/13 17:31 CST		0	Source: Mesonet

A thunderstorm moved across Culberson County and produced a 68 mph wind gust at Pine Springs. No damage was reported.

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<p>A flattened upper ridge was centered over northern Mexico, and southeast winds transported moisture into West Texas. An upper level disturbance moved over the region, and a surface trough was present across West Texas. These features, along with heating of the higher terrain, helped provide lift for thunderstorm development and strong winds.</p>				
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ECTOR COUNTY --- 2.4 E ODESSA [31.84, -102.33], 2.5 ESE ODESSA [31.84, -102.33], 2.4 ESE ODESSA [31.84, -102.33], 2.2 ESE ODESSA [31.84, -102.33]	07/30/13 18:35 CST		6K	Flash Flood (due to Heavy Rain)
	07/30/13 19:05 CST		0	Source: Law Enforcement

Heavy rain moved across Ector County and produced flash flooding in southeast Odessa. Cars were stranded at I-20 and Meadows Street. The water was estimated to be twelve inches deep. The cost of damage is a very rough estimate.

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ECTOR COUNTY --- PLEASANT FARMS [31.68, -102.32], 1.4 W PLEASANT FARMS [31.68, -102.34], 1.4 WSW PLEASANT FARMS [31.67, -102.34], 0.4 SSE PLEASANT FARMS [31.67, -102.32]	07/30/13 19:30 CST		0	Flash Flood (due to Heavy Rain)
	07/30/13 20:00 CST		0	Source: Public

Heavy rain moved across Ector County and produced flash flooding from Pleasant Farms to Highway 385. There was an estimated six inches of water over the curbs. The cost of damage is assumed to be zero since no damage was reported.

A broad upper level ridge was in place across the southern United States. A cold front was moving into the area with good moisture available. A surface low was across the Upper Trans Pecos and northern Permian Basin. The moisture combined with the lift from the front and surface low contributed to flash flooding across the Permian Basin.