

Storm Data and Unusual Weather Phenomena - September 2007

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

LEA COUNTY --- 1.0 N HOBBS IND ARPT [32.78, -103.20]

	09/06/07 18:32 MST	0	Hail (1.00 in)
	09/06/07 18:42 MST	0	Source: Law Enforcement

Quarter sized hail was reported to be one and a half inches deep over roadways.

LEA COUNTY --- HOBBS [32.70, -103.13]

	09/06/07 18:40 MST	0	Flash Flood (due to Heavy Rain)
	09/06/07 22:00 MST	0	Source: Law Enforcement

The Hobbs Police Department reported widespread flooding of city streets.

Tropical Storm Henriette formed in the eastern Pacific Ocean and made landfall along the western coast of Mexico. The storm's remnants moved northeast across Mexico, entering the United States near El Paso. The system brought abundant moisture to west Texas and southeastern New Mexico resulting in flash flooding and severe thunderstorms.

LEA COUNTY --- HOBBS [32.70, -103.13]

	09/07/07 20:46 MST	0	Flash Flood (due to Heavy Rain)
	09/07/07 23:00 MST	0	Source: Law Enforcement

The Hobbs Police Department reported widespread flooding of city streets.

The remnants of Tropical Storm Henriette continued to track across west Texas and southeastern New Mexico as it was being absorbed by a cold front moving through New Mexico. The flow of moisture from the Pacific Ocean, moderate instability, and marginal shear contributed to flash flooding and severe thunderstorms.

LEA COUNTY --- HOBBS [32.70, -103.13]

	09/09/07 00:58 MST	0	Flash Flood (due to Heavy Rain)
	09/09/07 04:00 MST	0	Source: Law Enforcement

The Hobbs Police Department reported many streets across the city to be impassable due to high water.

A stalled front stretched from the Permian Basin across the Trans Pecos to the Davis Mountains. Abundant moisture and slow storm motion resulted in flash flooding.

LEA COUNTY --- HOBBS [32.70, -103.13]

	09/10/07 19:57 MST	0	Flash Flood (due to Heavy Rain)
	09/10/07 23:00 MST	0	Source: Law Enforcement

Two to three feet of water flowed across several streets in the northern portions of Hobbs.

EDDY COUNTY --- CARLSBAD [32.42, -104.23]

	09/11/07 00:38 MST	0	Flash Flood (due to Heavy Rain)
	09/11/07 03:00 MST	0	Source: Trained Spotter

Spotters reported several streets in Carlsbad had six inches of water flowing through the intersections.

Abundant Pacific moisture continued to stream northeastward into west Texas and southeastern New Mexico. Similar to the previous day, a stalled front continued to be the focal point for heavy rainfall. Another contributing factor to the shower activity was a second cold front moving into west Texas from the north.

EDDY COUNTY --- CARLSBAD [32.42, -104.23]

	09/20/07 21:29 MST	0	Flash Flood (due to Heavy Rain)
	09/21/07 01:30 MST	0	Source: Emergency Manager

Spotters reported widespread flooding in the city of Carlsbad. As much as two feet of water flowed across city intersections.

A particularly strong upper level disturbance moved northward across the Guadalupe Mountains and into Eddy County. With abundant moisture in place, heavy rainfall led to flash flooding in southeastern New Mexico.

EDDY COUNTY --- 22.0 NW CARLSBAD [32.64, -104.50]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/26/07 13:28 MST		5K	Hail (1.75 in)
	09/26/07 13:28 MST		0	Source: Trained Spotter

EDDY COUNTY --- 12.0 WSW LAKEWOOD [32.56, -104.56], 9.0 SW LAKEWOOD [32.54, -104.48]

09/26/07 13:34 MST	0	Tornado (EF0, L: 5.05 mi , W: 200 yd)
09/26/07 13:44 MST	0	Source: Public

An Indian Gas Plant employee reported a tornado in an open field approximately one mile north of the plant. The tornado lasted ten minutes. No damage was reported.

EDDY COUNTY --- 10.0 NW CARLSBAD [32.52, -104.35]

09/26/07 14:12 MST	0	Hail (1.00 in)
09/26/07 14:12 MST	0	Source: Trained Spotter

EDDY COUNTY --- CARLSBAD [32.42, -104.23]

09/26/07 14:40 MST	10K	Hail (1.75 in)
09/26/07 14:48 MST	0	Source: Trained Spotter

Nickel to golf ball sized hail fell in Carlsbad.

A high pressure ridge was situated over much of the U.S. The combination of a stationary front over southeastern New Mexico and abundant moisture provided by southeast flow off the Gulf of Mexico, produced showers and thunderstorms across portions of southeastern New Mexico.

EDDY COUNTY --- 4.5 SW LAKEWOOD [32.58, -104.42]

09/29/07 15:38 MST	0	Hail (0.75 in)
09/29/07 15:38 MST	0	Source: Trained Spotter

Penny sized hail was reported one mile south of Seven Rivers on U.S. Highway 285.

EDDY COUNTY --- LAKEWOOD [32.63, -104.37]

09/29/07 16:25 MST	0	Flash Flood (due to Heavy Rain)
09/29/07 19:00 MST	0	Source: Trained Spotter

Water up to two feet deep flowed over streets in Lakewood.

EDDY COUNTY --- 2.0 NNE LAKEWOOD [32.66, -104.36]

09/29/07 16:28 MST	0	Hail (0.75 in)
09/29/07 16:28 MST	0	Source: Public

EDDY COUNTY --- CARLSBAD [32.42, -104.23]

09/29/07 20:00 MST	0	Thunderstorm Wind (EG 52 kt)
09/29/07 20:00 MST	0	Source: Trained Spotter

A spotter reported a 60 mph wind gust. No damage was reported.

EDDY COUNTY --- CARLSBAD [32.42, -104.23]

09/29/07 20:36 MST	0	Flash Flood (due to Heavy Rain)
09/29/07 23:00 MST	0	Source: Trained Spotter

Widespread flooding of streets occurred in Carlsbad.

With an upper level high pressure system over the southeastern U.S., southerly flow brought abundant moisture from the Gulf of Mexico across southeastern New Mexico. Marginal instability and wind shear contributed to the formation of thunderstorms.

TEXAS, West

PECOS COUNTY --- 6.0 N FT STOCKTON [30.97, -102.87]

09/06/07 17:10 CST	5K	Hail (1.75 in)
09/06/07 17:18 CST	0	Source: Trained Spotter

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MARTIN COUNTY --- 13.0 W TARZAN [32.30, -102.19]				
	09/06/07 18:28 CST		0	Hail (1.00 in)
	09/06/07 18:40 CST		0	Source: Trained Spotter
<p>Tropical Storm Henriette formed in the eastern Pacific Ocean and made landfall along the western coast of Mexico. The storm's remnants moved northeast across Mexico, entering the United States near El Paso. The system brought abundant moisture to west Texas and southeastern New Mexico. The resulting weather was flash flooding and severe thunderstorms.</p>				
PECOS COUNTY --- 2.0 ENE FT STOCKTON [30.89, -102.84]				
	09/07/07 14:30 CST		0	Flash Flood (due to Heavy Rain)
	09/07/07 17:30 CST		0	Source: Public
<p>Four to six inches of water flowed across 7-D Road.</p>				
PECOS COUNTY --- FT STOCKTON [30.88, -102.87], 4.0 SE FT STOCKTON [30.84, -102.82]				
	09/07/07 14:41 CST		5K	Hail (1.75 in)
	09/07/07 14:50 CST		0	Source: Broadcast Media
<p>Penny to golf ball sized hail fell at the KOA Campground and over southeastern portions of Fort Stockton.</p>				
PECOS COUNTY --- 1.8 SE FT STOCKTON [30.86, -102.85], BAKERSFIELD [30.88, -102.28]				
	09/07/07 14:45 CST		25K	Thunderstorm Wind (EG 56 kt)
	09/07/07 14:45 CST		0	Source: Emergency Manager
<p>The Pecos County Emergency Manager reported that multiple homes in Fort Stockton sustained roof damage due to wind.</p>				
DAWSON COUNTY --- 2.0 S LAMESA [32.70, -101.95]				
	09/07/07 16:38 CST		0	Hail (0.75 in)
	09/07/07 16:38 CST		0	Source: Law Enforcement
DAWSON COUNTY --- LAMESA [32.73, -101.95]				
	09/07/07 16:40 CST		20K	Thunderstorm Wind (EG 61 kt)
	09/07/07 16:40 CST		0	Source: Trained Spotter
<p>Powerlines were downed due to high winds.</p>				
DAWSON COUNTY --- LAMESA [32.73, -101.95]				
	09/07/07 16:57 CST		0	Flash Flood (due to Heavy Rain)
	09/07/07 20:00 CST		0	Source: Trained Spotter
<p>Fourteen inches of water flowed across U.S. Highway 87.</p>				
GAINES COUNTY --- SEAGRAVES [32.93, -102.55]				
	09/07/07 23:14 CST		0	Flash Flood (due to Heavy Rain)
	09/08/07 02:00 CST		0	Source: Law Enforcement
<p>Six to eight inches of water flowed across the intersection of Texas State Highway 83 and U.S. Highway 385.</p>				
<p>The remnants of Tropical Storm Henriette continued to track across west Texas and southeastern New Mexico as it was being absorbed by a cold front moving through New Mexico. The flow of moisture from the Pacific Ocean, moderate instability, and marginal shear contributed to flash flooding and severe thunderstorms.</p>				
CULBERSON COUNTY --- VAN HORN [31.05, -104.82]				
	09/08/07 15:59 CST		0	Hail (0.75 in)
	09/08/07 15:59 CST		0	Source: Law Enforcement
<p>A weakening front stalled across the southeastern New Mexico plains and northern Permian Basin. Moderate instability and upslope flow contributed to the formation of isolated thunderstorms.</p>				
MIDLAND COUNTY --- MIDLAND [32.00, -102.08]				

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	09/09/07 19:18 CST		15K	Flash Flood (due to Heavy Rain)
	09/09/07 23:00 CST		0	Source: Law Enforcement

Widespread flooding occurred throughout the city of Midland resulting in two submerged vehicles at the intersection of Schauburer and A Streets.

A stalled front stretched from the Permian Basin across the Trans Pecos to the Davis Mountains. Abundant moisture and slow storm motion resulted in flash flooding.

ECTOR COUNTY --- ODESSA [31.85, -102.37]

	09/10/07 17:57 CST		15K	Flash Flood (due to Heavy Rain)
	09/10/07 21:00 CST		0	Source: Fire Department/Rescue

Multiple high water rescues occurred along Dixie Street due to high water.

MIDLAND COUNTY --- MIDLAND [32.00, -102.08]

	09/10/07 18:20 CST		0	Flash Flood (due to Heavy Rain)
	09/10/07 23:00 CST		0	Source: NWS Employee

One foot of water flowed over the intersection of Wadley and A streets.

MIDLAND COUNTY --- MIDLAND [32.00, -102.08]

	09/10/07 20:58 CST		0	Flash Flood (due to Heavy Rain)
	09/11/07 00:00 CST		0	Source: Broadcast Media

Eight inches of water flowed over Florida Street, two blocks west of Texas State Highway 349.

Abundant Pacific moisture continued to stream northeastward into west Texas and southeastern New Mexico. Similar to the previous day, a stalled front continued to be the focal point for heavy rainfall. Another contributing factor to the shower activity was a second cold front moving into west Texas from the north.

REEVES COUNTY --- PECOS [31.42, -103.48]

	09/17/07 16:45 CST		0	Flash Flood (due to Heavy Rain)
	09/17/07 19:00 CST		0	Source: Law Enforcement

Six inches of water flowed across Cedar Street in Pecos.

Ongoing showers along the Pecos River were enhanced by an upper level disturbance that moved through west Texas. Atmospheric lift and moisture resulted in thunderstorms, producing flash flooding across Reeves County.

DAWSON COUNTY --- 3.0 SW SPARENBURG [32.55, -101.87]

	09/18/07 18:05 CST		5K	Hail (1.75 in)
	09/18/07 18:05 CST		0	Source: Trained Spotter

Golf ball sized hail fell along Highway 337 just north of the Dawson and Martin county line.

An upper level disturbance moved southeast across the western portions of the Low Rolling Plains. The presence of moderate atmospheric instability and abundant moisture led to the development of a few evening thunderstorms across the area.

PECOS COUNTY --- 12.0 SW FT STOCKTON [30.76, -103.01]

	09/24/07 19:00 CST		0	Thunderstorm Wind (EG 52 kt)
	09/24/07 19:00 CST		0	Source: Other Federal

State prison officials reported winds of at least 60 mph. No damage was reported.

Adequate atmospheric instability, ample low level moisture, and an upper level disturbance moving from Mexico into west Texas, combined to produce scattered showers and thunderstorms over the Trans Pecos Region.