

Storm Data and Unusual Weather Phenomena - August 2007

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

EDDY COUNTY --- 1.5 SSW CARLSBAD [32.40, -104.24]

	08/02/07 06:00 MST		15K	Flash Flood (due to Heavy Rain)
	08/02/07 10:00 MST		0	Source: Trained Spotter

A trained spotter reported one foot of running water on many streets in Carlsbad. Local law enforcement reported two to three vehicles stalled in high water at the intersection of Canal and Tansil streets.

EDDY COUNTY --- 10.0 SW CARLSBAD [32.32, -104.35]

	08/03/07 11:57 MST		0	Flash Flood (due to Heavy Rain)
	08/03/07 15:00 MST		0	Source: Emergency Manager

Four foot deep water flowed over Dark Canyon Road two miles west of Hidalgo Road.

A tropical airmass in place over much of the area, daytime heating, and an upper level disturbance over west Texas combined to produce scattered to numerous showers and thunderstorms. The majority of this activity occurred across the Permian Basin and southeastern New Mexico, with rainfall totals exceeding four inches in some areas.

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

	08/09/07 17:25 MST		0	Hail (1.00 in)
	08/09/07 17:36 MST		0	Source: Trained Spotter

With an upper level high pressure system to the east, the combination of deep easterly flow, instability, and upper level disturbances moving across the area led to thunderstorm development.

LEA COUNTY --- 7.0 N HOBBS [32.80, -103.13]

	08/24/07 14:12 MST		0	Hail (1.75 in)
	08/24/07 14:20 MST		0	Source: Public

Penny to golf ball sized hail fell north of Hobbs.

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

	08/24/07 14:43 MST		0	Hail (0.88 in)
	08/24/07 14:43 MST		0	Source: Law Enforcement

Nickel sized hail was reported at the intersection of Noble and Kansas streets in the city of Hobbs.

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

	08/24/07 15:20 MST		20K	Flash Flood (due to Heavy Rain)
	08/24/07 18:00 MST		0	Source: Law Enforcement

Street flooding became widespread beginning on the north side of Hobbs and then expanded to the south side of the city. One foot of water covered the intersection of Grimes and Joe Harvey streets. Cars were stalled at the intersection of Joe Harvey and New Mexico State Highway 118 as a result of over two feet of water covering the road.

LEA COUNTY --- (HOB)HOBBS LEA CO AR [32.68, -103.22]

	08/24/07 15:27 MST		0	Hail (0.75 in)
	08/24/07 15:27 MST		0	Source: Official NWS Observations

Penny sized hail fell at the Hobbs Municipal Airport.

LEA COUNTY --- JAL [32.12, -103.18]

	08/24/07 18:38 MST		0	Flash Flood (due to Heavy Rain)
	08/24/07 21:30 MST		0	Source: Law Enforcement

Law enforcement barricaded roads throughout the city of Jal due to high water.

Daytime heating, upslope flow, and a weak upper level disturbance moved across southeastern New Mexico and the northern Permian Basin and combined to produce scattered thunderstorms. A few storms moved at a slow pace, resulting in flash flooding of urban areas.

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TEXAS, West				
DAWSON COUNTY --- 3.0 E LAMESA [32.73, -101.90], 10.0 E LAMESA [32.73, -101.78]				
	08/01/07 21:00 CST		10K	Flash Flood (due to Heavy Rain)
	08/02/07 02:00 CST		0	Source: Law Enforcement
Sixteen inches of water covered U.S. Highway 180 for a seven mile stretch, stranding motorists.				
MARTIN COUNTY --- 3.0 N LENORAH [32.34, -101.87]				
	08/01/07 23:00 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 02:00 CST		0	Source: Trained Spotter
Eight inches of water flowed rapidly across the intersection of Texas State Highway 137 and Farm to Market Road 846.				
MIDLAND COUNTY --- MIDLAND [32.00, -102.08]				
	08/02/07 00:12 CST		0.13M	Flash Flood (due to Heavy Rain)
	08/02/07 05:00 CST		0	Source: Fire Department/Rescue
Law enforcement and fire department officials responded to 25 high water rescues, as several vehicles were submerged or washed off the road throughout the city of Midland. These events took place at the intersections of Illinois and Stonybrook, Texas State Highway 191 and Loop 250, and Midland Drive and Wall Street.				
ANDREWS COUNTY --- ANDREWS [32.32, -102.55]				
	08/02/07 01:00 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 07:00 CST		0	Source: Law Enforcement
Law enforcement reported road closures throughout the city of Andrews for at least six hours.				
ECTOR COUNTY --- ODESSA [31.85, -102.37]				
	08/02/07 01:10 CST		50K	Flash Flood (due to Heavy Rain)
	08/02/07 06:00 CST		0	Source: Law Enforcement
The Odessa Police Department reported flash flooding at the intersections of 36th and Dixie, 52nd and Dixie, Dixie and University Avenue, and 52nd and Esmund. Several high water rescues and road closures occurred throughout the night across the city of Odessa.				
ANDREWS COUNTY --- ANDREWS [32.32, -102.55]				
	08/02/07 02:00 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 08:00 CST		0	Source: Law Enforcement
Local law enforcement reported road closures due to high water across many roads in the city of Andrews.				
MIDLAND COUNTY --- MIDLAND [32.00, -102.08]				
	08/02/07 02:30 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 08:30 CST		0	Source: Law Enforcement
Law enforcement reported several high water rescues in the city of Midland. The westbound lane of Business Interstate 20 at the Farm to Market Road 1788 exit was closed due to high water over the roadway.				
CRANE COUNTY --- 13.0 NW JUAN CORDONA LAKE [31.46, -102.69]				
	08/02/07 05:00 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 09:00 CST		0	Source: COOP Observer
Six inch pools of water accumulated on the ground and led to water protrusion inside the control room at Chevron-Warren Petroleum.				
WINKLER COUNTY --- WINK [31.75, -103.15]				
	08/02/07 05:10 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 08:00 CST		0	Source: Law Enforcement
One foot of water flowed over Texas State Highway 115.				
ECTOR COUNTY --- ODESSA [31.85, -102.37]				

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	08/02/07 05:11 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 10:00 CST		0	Source: Broadcast Media

The media reported flooding throughout the city of Odessa, including a dumpster floating down 25th street between Adams and Eisenhower Streets.

PECOS COUNTY --- 8.0 SW IMPERIAL [31.19, -102.78]

	08/02/07 06:15 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 10:15 CST		0	Source: Other Federal

Two feet of water was reported over Farm to Market Road 1053.

PECOS COUNTY --- FT STOCKTON [30.88, -102.87]

	08/02/07 08:05 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 11:00 CST		0	Source: Law Enforcement

Comanche Springs was running two feet deep and over the roads in and around Rooney Park. Roads were blocked in that area. Gomey Road in Fort Stockton was barricaded by law enforcement due to high water.

A tropical airmass in place over much of the area, daytime heating, and an upper level disturbance over west Texas combined to produce scattered to numerous showers and thunderstorms. The majority of this activity occurred across the Permian Basin and southeastern New Mexico, with rainfall totals exceeding four inches in some areas.

SCURRY COUNTY --- SNYDER [32.72, -100.90]

	08/17/07 21:00 CST		0	Flash Flood (due to Heavy Rain)
	08/18/07 00:00 CST		0	Source: Law Enforcement

Law enforcement barricaded many roads in Snyder due to high water.

HOWARD COUNTY --- SAND SPGS [32.28, -101.33]

	08/17/07 21:55 CST		0	Flash Flood (due to Heavy Rain)
	08/18/07 02:00 CST		0	Source: Public

Three foot deep water covered multiple roads in Sand Springs.

HOWARD COUNTY --- BIG SPRING [32.25, -101.47]

	08/17/07 22:50 CST		0	Flash Flood (due to Heavy Rain)
	08/18/07 01:00 CST		0	Source: Law Enforcement

Law enforcement reported widespread flooding in Big Spring.

Tropical Storm Erin formed in the central Gulf of Mexico and made landfall near Corpus Christi, Texas. The storm's remnants persisted over land on a NW track across Texas, before moving northward through the panhandle of Texas and then northeastward into Oklahoma. While on this track, the system brushed the eastern portions of west Texas. There were several reports of over four inches of rainfall across the eastern Permian Basin and western Low Rolling Plains.

CULBERSON COUNTY --- PLATEAU [31.07, -104.55]

	08/20/07 14:15 CST		0	Hail (0.75 in)
	08/20/07 14:15 CST		0	Source: Public

Penny size hail was reported along Interstate 10 in Plateau.

High instability, moderate shear, and adequate low level moisture contributed to severe thunderstorm development along the Guadalupe Mountains as an upper level disturbance moved south through the area.

ANDREWS COUNTY --- ANDREWS [32.32, -102.55]

	08/24/07 18:42 CST		20K	Thunderstorm Wind (EG 61 kt)
	08/24/07 18:42 CST		0	Source: Broadcast Media

Several powerlines were downed by strong winds in the city of Andrews.

Daytime heating, upslope flow, and a weak upper level disturbance moved across southeastern New Mexico and the northern Permian Basin and combined to produce scattered thunderstorms. A few storms moved at a slow pace, resulting in flash flooding of urban areas.

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JEFF DAVIS COUNTY --- 11.0 W FT DAVIS [30.58, -104.06]				
	08/25/07 13:09 CST		0	Hail (0.75 in)
	08/25/07 13:09 CST		0	Source: Public
JEFF DAVIS COUNTY --- VALENTINE [30.58, -104.50]				
	08/25/07 13:35 CST		20K	Thunderstorm Wind (EG 56 kt)
	08/25/07 13:35 CST		0	Source: Law Enforcement
Thunderstorm winds downed powerlines in Valentine.				
JEFF DAVIS COUNTY --- 13.0 WNW FT DAVIS [30.65, -104.08]				
	08/25/07 13:42 CST		0	Hail (0.75 in)
	08/25/07 13:48 CST		0	Source: NWS Employee
A retired National Weather Service employee reported penny sized hail which lasted for six minutes.				
PRESIDIO COUNTY --- MARFA [30.32, -104.02]				
	08/25/07 14:04 CST		0	Hail (0.75 in)
	08/25/07 14:04 CST		0	Source: Public
Subtle northwest flow aloft, an unstable atmosphere, and orographic lift contributed to isolated thunderstorms across the Davis Mountains.				
ECTOR COUNTY --- WEST ODESSA [31.83, -102.50]				
	08/30/07 20:30 CST		0	Flash Flood (due to Heavy Rain)
	08/30/07 23:30 CST		0	Source: Trained Spotter
One foot of water covered a four hundred foot section of road near the intersection of South Knox Avenue and West Edna Street.				
As weak frontal boundary dropped southeastward across west Texas, southeast flow brought in abundant moisture. This led to heavy rainfall over Ector County and instances of flooding.				
TERRELL COUNTY --- DRYDEN [30.05, -102.12]				
	08/31/07 14:46 CST		0	Thunderstorm Wind (MG 50 kt)
	08/31/07 14:46 CST		0	Source: ASOS
The Automated Surface Observing System at Dryden(K6R6) recorded a 58 mph wind gust. No damage was reported.				
A dissipating thunderstorm produced strong outflow winds across the city of Dryden.				