

Storm Data and Unusual Weather Phenomena - July 2014

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

EDDY COUNTY --- ARTESIA [32.83, -104.40]

	07/19/14 21:52 MST	0	Hail (1.75 in)
	07/19/14 21:57 MST	0	Source: Trained Spotter

An upper ridge was centered over West Texas with a surface trough across extreme West Texas/eastern New Mexico. There was intense heating along this trough with a weak upper level disturbance over the region which increased lift. Upper level winds were weak and there was abundant moisture which aided in the development of heavy rain. These conditions also contributed to large hail in southeast New Mexico.

LEA COUNTY --- 3.0 ENE JAL [32.14, -103.13]

	07/30/14 17:45 MST	0.20M	Thunderstorm Wind (EG 70 kt)
	07/30/14 17:46 MST	0	Source: Public

A thunderstorm moved across Lea County and produced wind damage near Jal. A downburst from the thunderstorm caused hangers at the Jal airport to be destroyed. The cost of damage is a rough estimate.

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

	07/30/14 20:07 MST	0	Hail (1.00 in)
	07/30/14 20:12 MST	0	Source: Trained Spotter

EDDY COUNTY --- 0.8 WSW CARLSBAD [32.41, -104.24], 0.8 WSW CARLSBAD [32.41, -104.24], 0.5 SSW CARLSBAD [32.41, -104.23], 0.4 SSW CARLSBAD [32.41, -104.23]

	07/31/14 01:50 MST	10K	Flash Flood (due to Heavy Rain)
	07/31/14 02:50 MST	0	Source: Law Enforcement

Heavy rain moved across Eddy County and produced flash flooding in Carlsbad. Lea Street in Carlsbad was completely flooded and cars were almost floating away according to a report by local law enforcement. The cost of damage is a very rough estimate.

An upper level disturbance was moving over the Oklahoma and Texas panhandles. A cold front associated with this disturbance was moving toward the area with a surface trough present ahead of the front. Intense heating was being experienced along the surface trough which contributed to good instability. The upper high over the region was moving back to the west which helped increase lift over the area. These conditions contributed to large hail, damaging winds, and flash flooding across southeast New Mexico.

TEXAS, West

DAWSON COUNTY --- 0.8 NNW LAMESA [32.74, -101.95], 0.8 NNW LAMESA [32.74, -101.95], 0.7 NNW LAMESA [32.74, -101.95], 0.7 NNW LAMESA [32.74, -101.95]

	07/03/14 04:00 CST	0.50K	Flash Flood (due to Heavy Rain)
	07/03/14 05:00 CST	0	Source: Unknown

Heavy rain fell across Dawson County and produced flash flooding in Lamesa. There was two and a half to three feet of water over a road next to a park. The cost of damage is a very rough estimate since no damage was reported.

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

	07/03/14 15:15 CST	0	Heavy Rain
	07/03/14 15:25 CST	0	Source: Public

Heavy rain fell across Odessa with a quarter to a half an inch falling in just ten minutes.

There was a cold front across the central Permian Basin. Weak upper to mid-level winds were present which contributed to slow moving thunderstorms. These slow moving storms caused heavy rain and flash flooding across the Permian Basin.

MARTIN COUNTY --- 5.0 E STANTON [32.13, -101.71]

	07/11/14 17:17 CST	0	Funnel Cloud
	07/11/14 17:20 CST	0	Source: NWS Employee

A thunderstorm moved across Martin County and produced a brief tropical funnel near Stanton. No damage was reported.

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There was an upper low centered over northern Mexico which was bringing in moisture into southern Texas. An upper level disturbance moved over southwest Texas which increased lift over the area. These conditions combined to develop thunderstorms which produced a tropical funnel.

BREWSTER COUNTY --- 8.0 SSE ALPINE [30.26, -103.62]

07/19/14 15:45 CST	0	Heavy Rain
07/19/14 16:00 CST	0	Source: Trained Spotter

Heavy rain fell near Alpine with three quarters to almost an inch falling in fifteen minutes.

An upper ridge was centered over West Texas with a surface trough across extreme West Texas/eastern New Mexico. There was intense heating along this trough with a weak upper level disturbance over the region which increased lift. Upper level winds were weak and there was abundant moisture which aided in the development of heavy rain. These conditions also contributed to large hail in southeast New Mexico.