

Storm Data and Unusual Weather Phenomena - October 2012

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

EDDY COUNTY --- 3.0 NNE ARTESIA [32.87, -104.38]

	10/12/12 01:45 MST	0	0	Hail (1.00 in)
	10/12/12 01:50 MST	0	0	Source: CoCoRaHS

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

	10/12/12 02:00 MST	0	0.50M	Hail (2.75 in)
	10/12/12 02:05 MST	0	0	Source: Storm Chaser

A thunderstorm moved over Eddy County and produced baseball sized hail on the north side of Artesia along Highway 285 and State Road 2. There was roof and car damage reported. The cost of damage is a rough estimate.

EDDY COUNTY --- 2.0 NE ARTESIA [32.85, -104.38]

	10/12/12 02:02 MST	0	0	Hail (1.75 in)
	10/12/12 02:07 MST	0	0	Source: Trained Spotter

EDDY COUNTY --- 4.0 SE CARLSBAD [32.38, -104.18]

	10/12/12 15:37 MST	0	0	Hail (1.00 in)
	10/12/12 15:42 MST	0	0	Source: Fire Department/Rescue

EDDY COUNTY --- 1.0 S ARTESIA [32.82, -104.40]

	10/12/12 16:52 MST	0	0	Hail (0.88 in)
	10/12/12 16:57 MST	0	0	Source: Trained Spotter

EDDY COUNTY --- 4.0 S ARTESIA [32.77, -104.40]

	10/12/12 16:53 MST	0	0	Hail (1.00 in)
	10/12/12 16:58 MST	0	0	Source: Public

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

	10/12/12 16:58 MST	0	0	Hail (0.75 in)
	10/12/12 17:03 MST	0	0	Source: Amateur Radio

LEA COUNTY --- 10.0 N LOVINGTON [33.07, -103.35]

	10/12/12 19:00 MST	0	0	Thunderstorm Wind (EG 52 kt)
	10/12/12 19:01 MST	0	0	Source: Amateur Radio

A thunderstorm moved across Lea County and produced an estimated 60 mph wind gust ten miles north of Lovington. The cost of damage is estimated to be zero since there was no damage reported.

LEA COUNTY --- 10.0 N LOVINGTON [33.07, -103.35]

	10/12/12 19:00 MST	0	0	Hail (1.75 in)
	10/12/12 19:05 MST	0	0	Source: Amateur Radio

LEA COUNTY --- 3.0 E MC DONALD [33.13, -103.27]

	10/12/12 20:06 MST	0	0	Funnel Cloud
	10/12/12 20:10 MST	0	0	Source: NWS Employee

A thunderstorm moved over Lea County and produced a funnel cloud about three miles east of McDonald.

An upper level low was approaching from the west along with a dryline/Pacific front. Good low level moisture and instability from clearing skies were present to the east of the dryline. These features interacted to produce severe weather across Southeast New Mexico.

TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/06/12 17:33 MST		0	High Wind (MAX 52 kt)
	10/07/12 02:16 MST		0	

The passage of a strong cold front resulted in high winds through Guadalupe Pass.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

10/13/12 13:51 MST	0	High Wind (MAX 36 kt)
10/13/12 15:51 MST	0	

Strong mid level winds in the wake of a passing upper trough resulted in high winds in the Guadalupe Mountains.

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

10/22/12 01:15 CST	4K	Thunderstorm Wind (EG 61 kt)
10/22/12 01:16 CST	0	Source: Law Enforcement

A thunderstorm moved across Andrews County and produced a strong wind gust which resulted in several trees and power lines being blown down. This wind gust is estimated to have been around 70 mph, and the cost of damage from the wind is a rough estimate.

SCURRY COUNTY --- 4.0 E DERMOTT [32.85, -100.95]

10/22/12 05:50 CST	0	Hail (1.00 in)
10/22/12 05:55 CST	0	Source: Public

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

10/22/12 06:13 CST	0	Hail (0.88 in)
10/22/12 06:18 CST	0	Source: Emergency Manager

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

10/22/12 06:22 CST	0	Hail (1.00 in)
10/22/12 06:27 CST	0	Source: Emergency Manager

WINKLER COUNTY --- KERMIT [31.85, -103.08]

10/22/12 12:25 CST	0	Hail (1.00 in)
10/22/12 12:30 CST	0	Source: Law Enforcement

WINKLER COUNTY --- WINK [31.75, -103.15]

10/22/12 12:25 CST	0	Hail (1.00 in)
10/22/12 12:30 CST	0	Source: Law Enforcement

A shortwave trough was moving across the area due to a large upper level trough off the northwest coast. This trough helped to create lift over the area, and it combined with a maximum in low level winds to bring in moisture. The combination of lift and moisture aided in severe thunderstorms developing across the upper Trans Pecos, Permian Basin, and Western Low Rolling Plains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

10/25/12 00:00 MST	0	High Wind (MAX 56 kt)
10/26/12 14:51 MST	0	

Strong westerly winds occurred in the higher elevations of the Guadalupe Mountains due to a passing upper trough. A strong cold front then moved south through the area and resulted in high winds through Guadalupe Pass in the lower elevations of the Guadalupe Mountains.