

Storm Data and Unusual Weather Phenomena - November 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

NEW MEXICO, Southeast

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY

	11/05/15 11:00 MST	0		High Wind (MAX 50 kt)
	11/05/15 15:00 MST	0		

The passage of strong upper trough resulted in strong winds in the Guadalupe Mountains.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY

	11/11/15 04:00 MST	0		High Wind (MAX 50 kt)
	11/11/15 08:00 MST	0		

A strong upper trough moving from the Four Corners to the central U.S.Plains resulted in strong winds in the Guadalupe Mountains.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY, (NM-Z028) EDDY COUNTY PLAINS

	11/16/15 12:00 MST	0		High Wind (MAX 67 kt)
	11/16/15 22:00 MST	0		

A strong upper low will pass by just north of the region and result in high winds in the Guadalupe Mountains, and the adjacent plains in Eddy County.

(NM-Z033) CENTRAL LEA COUNTY

	11/27/15 07:00 MST	0		Ice Storm
	11/28/15 08:00 MST	0		

Abundant moisture ahead of an approaching upper level trough combined with cold air at the surface and resulted in icy conditions across portions of the southeast New Mexico Plains.

TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	11/05/15 10:00 MST	0		High Wind (MAX 59 kt)
	11/05/15 15:51 MST	0		

The passage of strong upper trough resulted in strong winds in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	11/11/15 01:00 MST	0		High Wind (MAX 62 kt)
	11/11/15 12:00 MST	0		

A strong upper trough moving from the Four Corners to the central U.S.Plains resulted in strong winds in the Guadalupe Mountains.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	11/15/15 15:00 MST	0		High Wind (MAX 67 kt)
	11/17/15 00:00 MST	0		

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	11/16/15 14:00 CST	0		High Wind (MAX 67 kt)
	11/17/15 00:45 CST	0		

A strong upper low will pass by just north of the region and result in high winds in the Guadalupe and Davis Mountains and portions of the Van Horn Highway 54 corridor.

GAINES COUNTY --- 12.6 ESE SEMINOLE [32.66, -102.45], 10.3 SW CEDAR LAKE [32.71, -102.37]

	11/16/15 18:46 CST	0		Tornado (EF2, L: 5.57 mi , W: 100 yd)
	11/16/15 18:56 CST	0		Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - November 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A thunderstorm moved across Gaines County and produced a tornado . The tornado began east southeast of Seminole at approximately 6:46 pm CST and moved northeast. It had caused power pole and irrigation equipment damage and was likely an EF-1 at 6:48 pm. At 6:50 pm, the tornado briefly reached EF-2 intensity as it caused damage to a well service rig. The last visible damage was to an area of trees just north of the intersection of Highway 180 and County Road 433 east of Seminole. A cotton field was also damaged as a result of this tornado . The path width was estimated to be 100 yards. There is not enough information to determine an approximate cost of damage.</p>				

GAINES COUNTY --- 11.8 SW CEDAR LAKE [32.71, -102.42]

11/16/15 18:53 CST	5K	Thunderstorm Wind (EG 61 kt)
11/16/15 18:54 CST	0	Source: Emergency Manager

A thunderstorm moved across Gaines County and produced wind damage east of Seminole . Two power poles were reported to be snapped at US Highway 180 and Farm to Market Road 303. The cost of damage is a rough estimate.

ECTOR COUNTY --- 5.0 SW ODESSA [31.80, -102.43]

11/16/15 20:30 CST	0	Hail (1.00 in)
11/16/15 20:35 CST	0	Source: Public

An upper low was over the Four Corners region with strong upper level jet winds over West Texas. Plentiful moisture was in place across the area to the east of a surface trough and dryline. A Pacific cold front moving in from the west collided with the dryline and increased lift. These conditions, along with good instability, allowed for a tornado and thunderstorms with large hail and strong winds to develop across the Permian Basin.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

11/21/15 02:00 MST	0	High Wind (MAX 50 kt)
11/21/15 05:00 MST	0	

Intense northeast gap winds are expected through Guadalupe Pass behind a strong cold front.

(TX-Z045) GAINES, (TX-Z046) DAWSON, (TX-Z047) BORDEN, (TX-Z048) SCURRY, (TX-Z050) ANDREWS, (TX-Z051) MARTIN, (TX-Z052) HOWARD, (TX-Z053) MITCHELL, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA

11/26/15 17:35 CST	0	Ice Storm
11/28/15 18:00 CST	0	

Abundant moisture ahead of an approaching upper level trough combined with cold air at the surface and resulted in icy conditions across the northern Permian Basin and western Low Rolling Plains.