

Storm Data and Unusual Weather Phenomena - December 2015

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

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY

	12/12/15 18:00 MST	0	0	High Wind (MAX 50 kt)
	12/13/15 10:00 MST	0	0	

An upper trough ejecting northeastward through New Mexico resulted in strong winds in the Guadalupe Mountains.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY

	12/15/15 02:00 MST	0	0	High Wind (MAX 50 kt)
	12/15/15 11:00 MST	0	0	

Persistent strong westerly flow aloft resulted in high winds in the Guadalupe Mountains.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY

	12/22/15 11:00 MST	0	0	High Wind (MAX 50 kt)
	12/23/15 22:00 MST	0	0	

Strong mid level winds mixed down into the Guadalupe Mountains and resulted in high winds in the Guadalupe Mountains.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY, (NM-Z028) EDDY COUNTY PLAINS, (NM-Z029) NORTHERN LEA COUNTY, (NM-Z033) CENTRAL LEA COUNTY, (NM-Z034) SOUTHERN LEA COUNTY

	12/26/15 12:30 MST	0	0	Blizzard
	12/28/15 07:15 MST	0	0	

A cold polar airmass dropped south through southeast New Mexico and west Texas as a large, potent cutoff low impinged upon the region from the west.

TEXAS, West

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

	12/12/15 13:58 MST	0	0	High Wind (MAX 65 kt)
	12/13/15 23:07 MST	0	0	

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

	12/12/15 17:58 CST	0	0	High Wind (MAX 65 kt)
	12/13/15 10:20 CST	0	0	

An upper trough ejecting northeastward through New Mexico resulted in strong winds in the Guadalupe and Davis Mountains.

REAGAN COUNTY --- 28.0 N BEST [31.64, -101.63]

	12/12/15 18:30 CST	0	0	Thunderstorm Wind (MG 56 kt)
	12/12/15 18:30 CST	0	0	Source: Mesonet

A thunderstorm moved across Reagan County and produced a 64 mph wind gust at the Mesonet site southwest of St. Lawrence.

A strong upper level storm system was present over New Mexico. Upper level lift increased ahead of this storm system and along and behind a Pacific front that was passing through the area. The front provided a low-level convergence zone across the Permian Basin and better moisture was across this area as well. These conditions allowed for storms with strong wind gusts to develop.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	12/15/15 01:00 MST	0	0	High Wind (MAX 57 kt)
	12/15/15 16:51 MST	0	0	

Persistent strong westerly flow aloft resulted in high winds in the Guadalupe Mountains.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/20/15 01:00 MST	0		High Wind (MAX 63 kt)
	12/21/15 07:00 MST	0		
Strong mid level winds resulted in high winds in the Guadalupe Mountains.				
(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/22/15 03:00 MST	0		High Wind (MAX 67 kt)
	12/24/15 05:00 MST	0		
Strong mid level winds mixed down into the Guadalupe Mountains and resulted in high winds in the Guadalupe Mountains.				
(TX-Z048) SCURRY, (TX-Z052) HOWARD, (TX-Z057) VAN HORN & HWY 54 CORRIDOR, (TX-Z058) REEVES COUNTY AND UPPER TRANS PECOS, (TX-Z060) WINKLER, (TX-Z061) ECTOR, (TX-Z062) MIDLAND, (TX-Z063) GLASSCOCK, (TX-Z067) WARD, (TX-Z068) CRANE, (TX-Z069) UPTON, (TX-Z070) REAGAN, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z075) PECOS, (TX-Z079) PRESIDIO VALLEY, (TX-Z081) BIG BEND AREA				
	12/26/15 13:00 CST	0		Heavy Snow
	12/28/15 02:15 CST	0		
(TX-Z045) GAINES, (TX-Z046) DAWSON, (TX-Z047) BORDEN, (TX-Z050) ANDREWS, (TX-Z051) MARTIN, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/26/15 13:30 MST	0		Blizzard
	12/28/15 01:00 MST	0		
(TX-Z045) GAINES, (TX-Z046) DAWSON, (TX-Z047) BORDEN, (TX-Z050) ANDREWS, (TX-Z051) MARTIN, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/26/15 19:35 CST	0		Blizzard
	12/28/15 04:30 CST	0		
A cold polar airmass dropped south through southeast New Mexico and west Texas as a large, potent cutoff low impinged upon the region from the west.				
(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/31/15 18:48 MST	0		High Wind (MAX 37 kt)
	12/31/15 23:59 MST	0		
Strong northeast winds behind a cold front resulted in high winds through Guadalupe Pass.				