

Storm Data and Unusual Weather Phenomena - January 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, (NM-Z028) EDDY COUNTY PLAINS

01/02/15 08:30 MST	0	Heavy Snow
01/02/15 20:31 MST	0	

A mix of freezing rain, sleet and snow fell on southeast New Mexico and west Texas as an arctic airmass resided over the region, and ahead of a slow moving upper trough.

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

01/22/15 08:00 MST	0	Heavy Snow
01/22/15 23:55 MST	0	

A potent upper level trough moving over the region resulted in heavy snowfall across portions of southeast New Mexico.

TEXAS, West

(TX-Z045) GAINES, (TX-Z046) DAWSON, (TX-Z048) SCURRY, (TX-Z050) ANDREWS, (TX-Z051) MARTIN, (TX-Z052) HOWARD, (TX-Z053) MITCHELL, (TX-Z058) REEVES COUNTY AND UPPER TRANS PECOS, (TX-Z059) LOVING, (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-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

01/01/15 00:15 MST	0	Ice Storm
01/02/15 18:00 MST	0	

(TX-Z045) GAINES, (TX-Z046) DAWSON, (TX-Z048) SCURRY, (TX-Z050) ANDREWS, (TX-Z051) MARTIN, (TX-Z052) HOWARD, (TX-Z053) MITCHELL, (TX-Z058) REEVES COUNTY AND UPPER TRANS PECOS, (TX-Z059) LOVING, (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-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

01/01/15 00:15 CST	0	Ice Storm
01/02/15 22:06 CST	0	

A mix of freezing rain, sleet and snow fell on southeast New Mexico and west Texas as an arctic airmass resided over the region, and ahead of a slow moving upper trough.

ECTOR COUNTY --- 1.4 N ODESSA [31.87, -102.37], 1.5 N ODESSA [31.87, -102.37], 1.5 N ODESSA [31.87, -102.37], 1.4 N ODESSA [31.87, -102.37]

01/02/15 13:00 CST	6K	Flash Flood (due to Heavy Rain / Snow Melt)
01/02/15 15:00 CST	0	Source: Law Enforcement

The combination of moderate to heavy rainfall, melting of snow and ice, and ice blocking the drainage of water contributed to flash flooding in Odessa. There were multiple high water rescues as a result of these conditions. The cost of damage is a very rough estimate.

There was a strong upper low over Arizona and New Mexico that was slowly moving toward West Texas. Good moisture was across the area and lift increased as the upper low approached the region. These conditions contributed to precipitation developing across much of West Texas. Due to the cold air that was in place, the precipitation was a wintry mix across most of the area. Moderate to heavy rainfall coupled with ice impeding drainage of water as temperatures warmed up above freezing allowed for flash flooding to develop across parts of the Permian Basin.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

01/03/15 06:28 MST	0	High Wind (MAX 56 kt)
01/03/15 17:17 MST	0	

Strong westerly winds mixed down into the Guadalupe Mountains as a potent shortwave trough passed over the region.

(TX-Z061) ECTOR, (TX-Z062) MIDLAND, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA

01/22/15 07:20 CST	0	Heavy Snow
01/23/15 06:00 CST	0	

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(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	01/29/15 10:51 MST		0	High Wind (MAX 40 kt)
	01/30/15 18:51 MST		0	

Strong northeast winds channeled through Guadalupe Pass behind a cold front.