

Storm Data and Unusual Weather Phenomena - December 2018

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

	12/01/18 08:00 MST	0		High Wind (MAX 50 kt)
	12/01/18 12:00 MST	0		

Strong westerly winds mixed down in the Guadalupe Mountains, and portions of the southeast New Mexico plains, as the base of a potent upper trough swept over the region.

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

	12/12/18 17:00 MST	0		High Wind (MAX 56 kt)
	12/13/18 09:52 MST	0		

A passing upper level trough created strong winds in the Guadalupe Mountains and portions of the adjacent plains.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY

	12/26/18 21:13 MST	0		High Wind (MAX 56 kt)
	12/27/18 02:13 MST	0		

An upper level storm moved over New Mexico causing strong westerly winds in the Guadalupe Mountains, higher elevations of the Davis Mountains, and over Eddy County in southeast New Mexico.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY

	12/30/18 23:13 MST	0		High Wind (MAX 50 kt)
	12/31/18 06:13 MST	0		

An upper level storm system moved through West Texas and Southeast New Mexico resulting in high winds in the Guadalupe Mountains, as well as the Davis and Apache Mountains above 5000 feet.

TEXAS, West

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

	12/01/18 00:00 MST	0		High Wind (MAX 59 kt)
	12/01/18 12:37 MST	0		

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

	12/01/18 02:20 CST	0		High Wind (MAX 59 kt)
	12/01/18 11:00 CST	0		

Strong westerly winds mixed down in the Guadalupe and Davis Mountains as the base of a potent upper trough swept over the region.

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

	12/12/18 16:38 MST	0		High Wind (MAX 63 kt)
	12/13/18 10:52 MST	0		

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

	12/13/18 04:10 CST	0		High Wind (MAX 63 kt)
	12/13/18 10:30 CST	0		

A passing upper level trough created strong winds in the Guadalupe and Davis Mountains, Marfa Plateau as well as the adjacent low lands of West Texas.

(TX-Z052) HOWARD, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	12/26/18 10:38 MST	0		High Wind (MAX 72 kt)
	12/27/18 04:18 MST	0		

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(TX-Z052) HOWARD, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/26/18 14:15 CST		0	High Wind (MAX 72 kt)
	12/27/18 06:45 CST		0	
An upper level storm moved over New Mexico causing strong westerly winds in the Guadalupe Mountains, higher elevations of the Davis Mountains, and over Eddy County in southeast New Mexico.				
ANDREWS COUNTY --- 1.8 N ANDREWS [32.35, -102.56]				
	12/26/18 12:40 CST		0	Hail (1.00 in)
	12/26/18 12:45 CST		0	Source: Public
ECTOR COUNTY --- 1.9 NE GREENFIELD ACRES [31.89, -102.38]				
	12/26/18 13:10 CST		8K	Thunderstorm Wind (EG 61 kt)
	12/26/18 13:11 CST		0	Source: Broadcast Media
A thunderstorm moved across Ector County and produced wind damage in Odessa. A roof was blown off of a home on Douglas Drive in Odessa. The wind speed is estimated and the cost of damage is a very rough estimate.				
MIDLAND COUNTY --- MIDLAND [32.00, -102.08]				
	12/26/18 13:15 CST		0	Thunderstorm Wind (MG 50 kt)
	12/26/18 13:15 CST		0	Source: AWOS
A thunderstorm moved across Midland County and produced a 58 mph wind gust at the Midland Airpark AWOS.				
HOWARD COUNTY --- 3.0 SW BIG SPRING [32.22, -101.51]				
	12/26/18 14:15 CST		0	Thunderstorm Wind (MG 62 kt)
	12/26/18 14:15 CST		0	Source: AWOS
A thunderstorm moved across Howard County and produced a 71 mph wind gust at the Big Spring McMahon-Wrinkle Airport.				
SCURRY COUNTY --- 0.6 N WINSTON [32.71, -100.92]				
	12/26/18 15:00 CST		50K	Thunderstorm Wind (EG 61 kt)
	12/26/18 15:01 CST		0	Source: Fire Department/Rescue
A thunderstorm moved across Scurry County and produced damage in and near Snyder. There was a tin roof blown off a local business, a couple of trees were blown over, and an 18 wheeler about 15 miles south of Snyder on Highway 84 was blown over. These events occurred around 3 pm. The wind speed is estimated and the cost of damage is a very rough estimate.				
An upper level trough was over the Rocky Mountains with a surface trough across southeast New Mexico. This surface trough with southeast surface winds contributed to abundant low-level moisture being transported across the area. A dryline was across West Texas with very unstable air along and east of this feature. The lift from the trough and dryline, good moisture and instability, and good wind shear resulted in thunderstorms developing with strong, damaging winds and large hail.				
CULBERSON COUNTY --- PINE SPGS [31.88, -104.80]				
	12/28/18 07:17 CST		0	Thunderstorm Wind (MG 53 kt)
	12/28/18 07:17 CST		0	Source: ASOS
A thunderstorm moved across Culberson County and produced a 61 mph wind gust at the Pine Springs ASOS site.				
A large upper trough was centered over northern Arizona. A cold front had moved into West Texas and was pushed up against the mountains. The lift from the trough and front contributed to a thunderstorm developing which produced a strong wind gust in Culberson County.				
(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/30/18 22:25 MST		0	High Wind (MAX 58 kt)
	12/31/18 07:51 MST		0	
(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	12/31/18 00:35 CST		0	High Wind (MAX 58 kt)
	12/31/18 05:55 CST		0	

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