

Storm Data and Unusual Weather Phenomena - February 2011

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, (NM-Z029) NORTHERN LEA COUNTY

	02/01/11 19:00 MST	0	Extreme Cold/Wind Chill
	02/04/11 06:50 MST	0	

Arctic air overspread the region on 2/1/2011. Northeast winds of 30-45 mph with higher gusts combined with temperatures in the single digits to produce wind chill values of -15 to -35 degrees Fahrenheit.

(NM-Z028) EDDY COUNTY PLAINS

	02/27/11 10:50 MST	0	High Wind (MAX 38 kt)
	02/27/11 16:30 MST	0	

Strong mid level winds at the base of a passing upper trough resulted in widespread windy conditions across the region, in addition to near 0 mile visibilities in blowing dust.

TEXAS, West

(TX-Z046) DAWSON, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/01/11 07:21 MST	0	Extreme Cold/Wind Chill
	02/03/11 16:51 MST	0	

(TX-Z046) DAWSON, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/01/11 23:50 CST	0	Extreme Cold/Wind Chill
	02/02/11 10:25 CST	0	

Arctic air overspread the region on 2/1/2011. Northeast winds of 30-45 mph with higher gusts combined with temperatures in the single digits to produce wind chill values of -15 to -35 degrees Fahrenheit.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/01/11 08:20 MST	0	High Wind (MAX 40 kt)
	02/01/11 18:30 MST	0	

A strong cold front and associated tight surface pressure gradient resulted in strong northeast winds funneling through Guadalupe Pass.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/02/11 07:17 MST	0	High Wind (MAX 40 kt)
	02/03/11 08:51 MST	0	

An arctic cold front passed through the area on 2/1/2011. The surface pressure gradient remained tight on the 2nd and 3rd, so northeast winds continued to be high through Guadalupe Pass.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z080) MARFA PLATEAU, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/02/11 14:45 CST	0	Extreme Cold/Wind Chill
	02/04/11 09:30 CST	0	

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z080) MARFA PLATEAU, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/03/11 20:37 MST	0	Extreme Cold/Wind Chill
	02/04/11 07:51 MST	0	

Northeast winds of 30-45 mph with higher gusts combined with temperatures in the single digits, thanks to an arctic airmass, to produce wind chill values of -15 to -35 degrees Fahrenheit in the Guadalupe Mountains.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA

	02/08/11 17:20 CST	0	High Wind (MAX 54 kt)
	02/27/11 20:35 CST	0	

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Strong mid level winds associated with an approaching upper trough resulted in high winds in the Davis Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/09/11 01:51 MST	0		Extreme Cold/Wind Chill
	02/09/11 07:51 MST	0		

Arctic air spilled south across the region on 2/9/11. Northeast winds of 30-40 mph combined with frigid temperatures to produce wind chill values of -15 to -20 degrees Fahrenheit.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/17/11 11:51 MST	0		High Wind (MAX 50 kt)
	02/17/11 13:51 MST	0		

Increased westerly flow aloft over the region resulted in high winds in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/19/11 05:00 MST	0		High Wind (MAX 56 kt)
	02/20/11 15:51 MST	0		

Increased westerly flow aloft over the region resulted in high winds in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/24/11 09:51 MST	0		High Wind (MAX 56 kt)
	02/25/11 15:51 MST	0		

An upper trough moving over the region resulted in high winds in the Guadalupe Mountains.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z075) PECOS, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/27/11 08:51 MST	0		High Wind (MAX 76 kt)
	02/27/11 22:00 MST	0		

(TX-Z057) VAN HORN & HWY 54 CORRIDOR, (TX-Z058) REEVES COUNTY AND UPPER TRANS PECOS, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/27/11 12:00 CST	0		Dust Storm
	02/27/11 16:30 CST	0		

(TX-Z057) VAN HORN & HWY 54 CORRIDOR, (TX-Z058) REEVES COUNTY AND UPPER TRANS PECOS, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/27/11 12:00 MST	0		Dust Storm
	02/27/11 16:30 MST	0		

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z075) PECOS, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/27/11 12:53 CST	0		High Wind (MAX 76 kt)
	02/28/11 09:10 CST	0		

(TX-Z050) ANDREWS

	02/27/11 16:00 CST	0		Wildfire
	02/27/11 17:00 CST	0		

Strong mid level winds at the base of a passing upper trough resulted in widespread windy conditions across the region, in addition to near 0 mile visibilities in blowing dust.