

Storm Data and Unusual Weather Phenomena - February 2010

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

	02/11/10 02:00 MST	0	Heavy Snow
	02/11/10 12:30 MST	0	

Strong lift ahead of a potent upper level storm system resulted in a mix of wintry precipitation across southeast New Mexico and west Texas. Mainly snow fell in elevations above 6000 feet in the Guadalupe Mountains, while a mix of rain and sleet turned to snow across the southeast New Mexico plains.

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

	02/22/10 20:00 MST	0	Heavy Snow
	02/23/10 11:00 MST	0	

A potent upper level shortwave trough moved over southeast New Mexico and west Texas on February 23rd. With cold air already entrenched over the area, widespread snowfall occurred. Snowfall totals ranged from 3 to 7 inches across the region.

TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	02/02/10 17:43 MST	0	High Wind (MAX 42 kt)
	02/03/10 11:04 MST	0	

Cold air funneled through Guadalupe Pass behind a cold front with northeast winds staying at or above 40 mph for an extended period of time.

(TX-Z046) DAWSON, (TX-Z048) SCURRY

	02/11/10 03:00 CST	0	Heavy Snow
	02/11/10 16:00 CST	0	

Strong lift ahead of a potent upper level storm system resulted in a mix of wintry precipitation across southeast New Mexico and west Texas. Mainly snow fell in elevations above 6000 feet in the Guadalupe Mountains, while a mix of rain and sleet turned to snow across the southeast New Mexico plains, northern Permian Basin and western Low Rolling plains.

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

	02/21/10 03:15 CST	0	High Wind (MAX 65 kt)
	02/21/10 07:20 CST	0	

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

	02/21/10 04:51 MST	0	High Wind (MAX 65 kt)
	02/22/10 15:51 MST	0	

Strong mid-level zonal flow led to strong westerly winds across the area. Sporadic high winds occurred through Guadalupe Pass on both February 21st and 22nd.

(TX-Z047) BORDEN, (TX-Z050) ANDREWS, (TX-Z051) MARTIN, (TX-Z052) HOWARD, (TX-Z053) MITCHELL, (TX-Z058) REEVES COUNTY AND UPPER TRANS PECOS, (TX-Z061) ECTOR, (TX-Z062) MIDLAND, (TX-Z068) CRANE, (TX-Z069) UPTON, (TX-Z070) REAGAN, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA

	02/22/10 21:00 CST	0	Heavy Snow
	02/23/10 13:45 CST	0	

A potent upper level shortwave trough moved over southeast New Mexico and west Texas on February 23rd. With cold air already entrenched over the area, widespread snowfall occurred. There were a few reports of freezing rain and sleet prior to the precipitation turning to all snow on the evening of the 22nd. Snowfall totals ranged from 3 to 7 inches across the region.

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

	02/25/10 00:00 MST	0	High Wind (MAX 56 kt)
	02/25/10 09:00 MST	0	

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

02/25/10 11:20 CST	0	High Wind (MAX 56 kt)
02/25/10 13:35 CST	0	

Strong mid-level zonal winds aloft over west Texas resulted in high winds in the higher elevations of the Guadalupe and Davis Mountains.

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

02/28/10 11:51 MST	0	High Wind (MAX 80 kt)
02/28/10 21:06 MST	0	

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

02/28/10 12:45 CST	0	High Wind (MAX 80 kt)
02/28/10 23:55 CST	0	

Increasing mid level winds ahead of an approaching upper level shortwave trough resulted in strong winds in the Guadalupe and Davis Mountains.