

Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

02/01/08 22:00 MST	0	High Wind (MAX 56 kt)
02/02/08 07:00 MST	0	

A strong upper level system with an associated 120 kt jet stream wind approached the area. The combination of this upper level feature and a deepening low pressure surface low resulted in very windy conditions across the Guadalupe Mountains.

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

02/03/08 10:00 MST	0	High Wind (MAX 61 kt)
02/04/08 07:00 MST	0	

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

02/04/08 14:05 CST	0	High Wind (MAX 61 kt)
02/04/08 16:20 CST	0	

As an upper level storm system swept across the area, strong upper and mid level winds translated into very windy conditions across the Guadalupe and Davis Mountains.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA

02/05/08 07:30 CST	0	High Wind (MAX 60 kt)
02/05/08 15:15 CST	0	

Generally westerly across the area resulted in the development of a surface trough of low pressure oriented along the Texas panhandle. As this trough strengthened during the day, strong winds through the Davis Mountains resulted.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA

02/07/08 05:55 CST	0	High Wind (MAX 55 kt)
02/08/08 00:30 CST	0	

An upper level storm system brought brief windy conditions to the higher elevations of the Davis Mountains.

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

02/08/08 01:00 MST	0	High Wind (MAX 61 kt)
02/08/08 06:00 MST	0	

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

02/08/08 07:05 CST	0	High Wind (MAX 61 kt)
02/08/08 08:45 CST	0	

An upper level storm system brought brief windy conditions to the higher elevations of the Davis Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

02/13/08 23:00 MST	0	High Wind (MAX 76 kt)
02/14/08 19:00 MST	0	

Ahead of a potent upper level storm system that moved into the desert southwest, winds in the mid levels of the atmosphere increased. As a result, high winds occurred over the Guadalupe Mountains.

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

02/16/08 15:00 MST	0	High Wind (MAX 64 kt)
02/17/08 00:00 MST	0	

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

02/16/08 15:35 CST	0	High Wind (MAX 64 kt)
02/17/08 04:30 CST	0	

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A strong upper level low pressure system located over southern New Mexico helped to bring high winds to the Davis and Guadalupe Mountains.

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

	02/21/08 09:00 MST	0		High Wind (MAX 58 kt)
	02/21/08 21:00 MST	0		

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

	02/21/08 15:50 CST	0		High Wind (MAX 58 kt)
	02/21/08 16:25 CST	0		

Moderate southwesterly upper level flow and strong mid level winds increased the surface pressure gradient as an upper level system passed to the north of the area. Winds increased in the Davis and Guadalupe Mountains prior to a cold frontal passage.

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

	02/23/08 07:25 CST	0		High Wind (MAX 75 kt)
	02/23/08 14:15 CST	0		

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

	02/23/08 12:20 MST	0		High Wind (MAX 75 kt)
	02/23/08 18:00 MST	0		

An upper level storm system traversed eastward across the Texas Panhandle, resulting in very strong winds across the Davis Mountains along with moderate winds through the Guadalupe Mountains.

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

	02/25/08 04:00 MST	0		High Wind (MAX 77 kt)
	02/25/08 12:00 MST	0		

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

	02/25/08 04:00 CST	0		High Wind (MAX 77 kt)
	02/25/08 15:00 CST	0		

A vigorous upper level storm system lifted eastward across the southern plains. Very strong winds around the base of this system, along with a tightening surface pressure gradient, helped to bring windy conditions to the mountains of west Texas and southeastern New Mexico.