

## Storm Data and Unusual Weather Phenomena - March 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### NEW MEXICO, Southeast

#### EDDY COUNTY --- 1.5 SSW CARLSBAD [32.40, -104.24]

	03/07/10 19:42 MST		0	Hail (1.00 in)
	03/07/10 19:45 MST		0	Source: Trained Spotter

#### EDDY COUNTY --- 1.5 SSW CARLSBAD [32.40, -104.24]

	03/07/10 19:46 MST		0	Hail (1.75 in)
	03/07/10 19:51 MST		0	Source: Trained Spotter

The hail covered the ground and a few 6 inch drifts were present.

#### EDDY COUNTY --- CARLSBAD [32.42, -104.23]

	03/07/10 19:47 MST		7M	Hail (2.00 in)
	03/07/10 19:54 MST		0	Source: Trained Spotter

Significant hail damage was observed at car dealerships located north of Church Street in Carlsbad. Although there were specific reports of roof damage, an exact number of homes impacted could not be established and this portion of the property damage was roughly estimated.

#### EDDY COUNTY --- 1.5 SSW CARLSBAD [32.40, -104.24]

	03/07/10 20:00 MST		0	Hail (1.00 in)
	03/07/10 20:03 MST		0	Source: Public

#### EDDY COUNTY --- 1.2 W LA HUERTA [32.45, -104.24]

	03/07/10 20:02 MST		0	Hail (1.00 in)
	03/07/10 20:05 MST		0	Source: Public

An upper level low pressure system approaching from the west, combined with daytime heating and low level moisture, produced isolated thunderstorms across portions of southeast New Mexico.

#### (NM-Z028) EDDY COUNTY PLAINS

	03/08/10 13:53 MST		0	High Wind (MAX 50 kt)
	03/10/10 07:53 MST		0	

A strong upper level storm system moved over the region. Strong mid level winds associated with the storm system resulted in high winds in the Guadalupe Mountains, in addition to portions of the southeast New Mexico plains.

#### (NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY, (NM-Z028) EDDY COUNTY PLAINS, (NM-Z029) NORTHERN LEA COUNTY, (NM-Z033) CENTRAL LEA COUNTY

	03/26/10 13:00 MST		0	High Wind (MAX 59 kt)
	03/26/10 19:00 MST		0	

A potent upper level trough approached the region from the northwest. The resulting increased mid level winds, along with a tight surface pressure gradient over the region, led to high winds across portions of southeast New Mexico.

### TEXAS, West

#### (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	03/05/10 08:00 MST		0	High Wind (MAX 50 kt)
	03/05/10 08:00 MST		0	

Increasing westerly flow aloft over the region resulted in a strong wind gust in the higher elevations of the Guadalupe Mountains.

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

	03/08/10 10:51 MST		0	High Wind (MAX 64 kt)
	03/10/10 16:51 MST		0	

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<b>(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY</b>				
	03/10/10 06:40 CST		0	High Wind (MAX 64 kt)
	03/10/10 11:30 CST		0	

A strong upper level storm system moved over the region. Strong mid level winds associated with the storm system resulted in high winds in the Guadalupe and Davis Mountains.

<b>(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY</b>				
	03/23/10 11:51 MST		0	High Wind (MAX 52 kt)
	03/23/10 14:51 MST		0	

Modest westerly flow aloft over the region combined with virga showers and funneled winds to produce high winds through Guadalupe Pass.

<b>(TX-Z045) GAINES, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY</b>				
	03/26/10 07:00 MST		0	High Wind (MAX 72 kt)
	03/26/10 22:00 MST		0	

<b>(TX-Z045) GAINES, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY</b>				
	03/26/10 15:50 CST		0	High Wind (MAX 72 kt)
	03/27/10 10:20 CST		0	

A potent upper level trough approached the region from the northwest. The resulting increased mid level winds, along with a tight surface pressure gradient over the region, led to high winds across portions of west Texas.

<b>(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY</b>				
	03/30/10 08:51 MST		0	High Wind (MAX 52 kt)
	03/31/10 09:05 MST		0	

Mid level winds increased ahead of an approaching upper level trough and resulted in brief high winds in the Guadalupe Mountains.