

## Storm Data and Unusual Weather Phenomena - November 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NEW MEXICO, Southeast</b>				
<b>(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY</b>				
	11/05/11 11:00 MST	0		High Wind (MAX 51 kt)
	11/05/11 11:00 MST	0		
A potent upper level storm system moving over the area resulted in high winds in the Guadalupe Mountains.				
<b>(NM-Z028) EDDY COUNTY PLAINS</b>				
	11/21/11 14:55 MST	0		High Wind (MAX 54 kt)
	11/21/11 15:07 MST	0		
A tight surface pressure gradient and low level jet behind a strong cold front resulted in high winds across southeast New Mexico.				
<b>EDDY COUNTY --- 1.5 SSW CARLSBAD [32.40, -104.24]</b>				
	11/21/11 14:56 MST	0		Thunderstorm Wind (MG 54 kt)
	11/21/11 14:56 MST	0		Source: ASOS
<b>EDDY COUNTY --- 1.5 SSW CARLSBAD [32.40, -104.24]</b>				
	11/21/11 15:10 MST	0		Thunderstorm Wind (EG 52 kt)
	11/21/11 15:15 MST	0		Source: Law Enforcement
Law enforcement reported wind gusts near 60 mph and near zero visibility due to blowing dust in Carlsbad, NM.				
An isolated elevated thunderstorm developed over the Guadalupe Mountains and moved into the Eddy County plains during the late afternoon. Due to the dry layer beneath the thunderstorm, severe wind gusts accompanied the thunderstorm.				
<b>TEXAS, West</b>				
<b>(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY</b>				
	11/05/11 09:00 MST	0		High Wind (MAX 66 kt)
	11/06/11 00:00 MST	0		
A potent upper level storm system moving over the area resulted in high winds in the Guadalupe Mountains.				
<b>MIDLAND COUNTY --- 4.9 WNW MIDLAND [32.02, -102.16]</b>				
	11/07/11 00:10 CST	0		Thunderstorm Wind (EG 52 kt)
	11/07/11 00:12 CST	0		Source: Public
Minor fence damage was reported. The time of this report was estimated based on other hail reports and radar data.				
<b>MIDLAND COUNTY --- 5.8 N (MAF) MIDLAND INTL [32.01, -102.21]</b>				
	11/07/11 10:46 CST	0		Hail (1.75 in)
	11/07/11 10:51 CST	0		Source: Public
The time of this report was estimated according to radar data. No damage was reported with the hail.				
<b>MIDLAND COUNTY --- 9.4 NNW (MAF) MIDLAND INTL [32.06, -102.25]</b>				
	11/07/11 23:46 CST	0		Hail (0.88 in)
	11/08/11 00:10 CST	0		Source: Trained Spotter
The spotter reported nickel hail almost covered the ground.				
<b>MIDLAND COUNTY --- 3.8 WNW MIDLAND [32.02, -102.14]</b>				
	11/08/11 00:05 CST	0		Hail (1.00 in)
	11/08/11 00:15 CST	0		Source: Trained Spotter

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A retreating dryline and Pacific cold front resulted in strong surface convergence across the Permian Basin of Texas during the evening hours. In addition, a low level jet ahead of the cold front provided moisture transport into the Permian Basin. The previous ingredients combined with deep layer shear to produce a couple of supercells overnight.

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

	11/08/11 00:00 MST	0		High Wind (MAX 63 kt)
	11/08/11 02:00 MST	0		

Nearly zonal flow aloft over the region resulted in high winds in the Guadalupe Mountains.

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

	11/12/11 03:00 MST	0		High Wind (MAX 64 kt)
	11/13/11 13:51 MST	0		

Strong southwesterly flow aloft ahead of an approaching upper level storm system resulted in high winds in the Guadalupe Mountains.

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

	11/18/11 06:00 MST	0		High Wind (MAX 59 kt)
	11/19/11 19:00 MST	0		

A strong low level jet associated with strong westerly flow aloft ahead of a potent upper level storm system resulted in high winds in the Guadalupe Mountains.

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

	11/21/11 13:51 MST	0		High Wind (MAX 60 kt)
	11/21/11 14:01 MST	0		

A tight surface pressure gradient and low level jet behind a strong cold front resulted in high winds through Guadalupe Pass.

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**(TX-Z045) GAINES, (TX-Z061) ECTOR**

	11/26/11 10:53 CST	0		High Wind (MAX 50 kt)
	11/26/11 12:21 CST	0		

A tight surface pressure gradient and low level jet behind a strong cold front resulted in high winds across portions of west Texas.