



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | | Estimated Damage | | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |

NEW MEXICO, Southeast

NMZ029

Northern Lea County

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|-------|---|-------------------------|
| 27 | 1010MST 1120MST | | | | 0 | 0 | 0.25K | 0 | High Wind (MG60) |
|----|--------------------|--|--|--|---|---|-------|---|-------------------------|

A National Weather Service cooperative observer measured several high wind gusts, the greatest, 69 mph. His 18 foot flagpole was blown down by a 60 mph wind gust.

A surface low pressure system deepened across Oklahoma late on the 26th in response to a strong upper level storm system over the Rocky Mountains. This tightened the pressure gradient across much of the region. This feature, along with a very well-developed mountain wave set up over the Guadalupe mountains resulted in damaging winds across the mountains and adjacent plains of west Texas and southeastern New Mexico.

TEXAS, West

TXZ074-258-258

Davis / Apache Mountains Area - Guadalupe Mountains Of Culberson County

| | | | | | | | | | |
|----|---------|--|--|--|---|---|---|---|-------------------------|
| 26 | 0800CST | | | | 0 | 0 | 0 | 0 | High Wind (MG96) |
| 28 | 1515CST | | | | | | | | |

High wind conditions were observed by several automated observing systems over a 55 hour period beginning the 26th. The highest gust observed was 110 mph at the Remote Automated Weather Station at The Bowl in the Guadalupe Mountains. Other peak gusts included 88 mph at the Automated Surface Observing System at Guadalupe Pass and 77 mph at Mount Locke in the Davis Mountains.

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