

Storm Data and Unusual Weather Phenomena - July 2015

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

NEW MEXICO, Southeast

LEA COUNTY --- 4.0 NE HUMBLE CITY [32.83, -103.18]

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|--|--------------------|----|------------------------------|
| | 07/23/15 16:35 MST | 8K | Thunderstorm Wind (EG 61 kt) |
| | 07/23/15 16:36 MST | 0 | Source: Trained Spotter |

A storm moved across Lea County and produced wind damage northwest of Hobbs . A local storm spotter reported building damage and power lines down near the intersection of Bensing and Lawrence Roads. The cost of damage is a very rough estimate.

LEA COUNTY --- 1.1 SSE HOBBS IND ARPT [32.76, -103.19]

| | | | |
|--|--------------------|-----|------------------------------|
| | 07/23/15 16:46 MST | 30K | Thunderstorm Wind (EG 65 kt) |
| | 07/23/15 16:47 MST | 0 | Source: Trained Spotter |

A storm moved across Lea County and produced wind damage in and near Hobbs . It was reported that New Mexico Junior College had \$30,000 in wind damage from a downburst.

LEA COUNTY --- 3.8 NNE HOBBS IND ARPT [32.82, -103.17]

| | | | |
|--|--------------------|-----|------------------------------|
| | 07/23/15 16:50 MST | 20K | Thunderstorm Wind (EG 65 kt) |
| | 07/23/15 16:51 MST | 0 | Source: Trained Spotter |

A storm moved across Lea County and produced wind damage in and around Hobbs . A local storm spotter reported power lines down and a mobile home blown over on Jones Road. The cost of damage is a very rough estimate.

Upper level high pressure was over the Southern Plains, and a surface lee trough was located across eastern New Mexico southward into the eastern slopes of the Guadalupe and Davis Mountains. Hot and moist air leading to good instability was present across southeast New Mexico. These conditions allowed storms to develop in the Guadalupe and Davis Mountains then move into the adjacent plains.

TEXAS, West

GLASSCOCK COUNTY --- 2.0 SSE LEES [32.05, -101.47]

| | | | |
|--|--------------------|-----|------------------------------|
| | 07/06/15 17:05 CST | 20K | Thunderstorm Wind (EG 61 kt) |
| | 07/06/15 17:06 CST | 0 | Source: Law Enforcement |

Law enforcement reported that 10 power poles had been snapped near Lees by winds produced from thunderstorms in Glasscock County. The wind speed and cost of damage are a rough estimate.

There were several weak upper level disturbances that moved over the region and a southward moving cold front that came into West Texas. Warm temperatures along with high amounts of moisture allowed for moderate instability across the Permian Basin which resulted in scattered thunderstorms with strong winds.

SCURRY COUNTY --- 0.7 WSW SNYDER [32.72, -100.91], 1.0 W SNYDER [32.72, -100.92], 1.0 WSW SNYDER [32.72, -100.92], 0.7 WSW SNYDER [32.72, -100.91]

| | | | |
|--|--------------------|-------|---------------------------------|
| | 07/07/15 06:12 CST | 0.50K | Flash Flood (due to Heavy Rain) |
| | 07/07/15 08:45 CST | 0 | Source: Emergency Manager |

Heavy rain from thunderstorms moving across Scurry County resulted in flash flooding in the city of Snyder. Hwy 180 was closed between Ave M and Ave Q with two feet of water over the road. The cost of damage is a very rough estimate.

MITCHELL COUNTY --- 5.3 N LORAIN [32.49, -100.71], 4.8 NNE LORAIN [32.49, -100.70], 3.3 NE LONGFELLOW [32.48, -100.75], 3.6 NE LONGFELLOW [32.49, -100.76]

| | | | |
|--|--------------------|-------|---------------------------------|
| | 07/07/15 08:20 CST | 0.30K | Flash Flood (due to Heavy Rain) |
| | 07/07/15 12:00 CST | 0 | Source: Trained Spotter |

A trained spotter reported two to three feet of water on FM 1982 five miles north of Lorraine. This flash flooding resulted from thunderstorms that moved across northern Mitchell County. The cost of damage is a very rough estimate.

BORDEN COUNTY --- 8.8 WSW LAKE J B THOMAS [32.56, -101.34], 9.1 WSW LAKE J B THOMAS [32.55, -101.35], 6.5 WSW LAKE J B THOMAS [32.55, -101.30], 6.3 WSW LAKE J B THOMAS [32.56, -101.30]

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| | 07/07/15 08:36 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 07/07/15 11:30 CST | | 0 | Source: Fire Department/Rescue |

Thunderstorms with heavy rain moved across Borden County in the morning hours and produced flash flooding. The fire department reported more than six inches of water over FM 1785 about 15 miles south southeast of Gail.

SCURRY COUNTY --- 0.8 SW SNYDER [32.71, -100.91], 0.8 WSW SNYDER [32.71, -100.91], 1.0 N WINSTON [32.71, -100.92], 0.9 N WINSTON [32.71, -100.92]

| | | |
|--------------------|-------|---------------------------------|
| 07/07/15 08:36 CST | 0.30K | Flash Flood (due to Heavy Rain) |
| 07/07/15 11:30 CST | 0 | Source: Emergency Manager |

Thunderstorms producing heavy rainfall moved across Scurry County in the morning hours and caused flash flooding in the city of Snyder. Emergency management reported that 28th street was flooded by Deep Creek and was barricaded off. The cost of damage is a very rough estimate.

A weak cold front was bisecting the Permian Basin from northeast to southwest and a very slow moving upper level trough was over West Texas. These conditions, along with abundant moisture, resulted in storms that produced high rainfall rates and flash flooding across the northeastern Permian Basin.