

Storm Data and Unusual Weather Phenomena - August 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| NEW MEXICO, Southeast | | | | |
| LEA COUNTY --- 2.3 N HOBBS [32.73, -103.14], 1.3 NNW HOBBS [32.72, -103.14], 1.4 NNE HOBBS [32.72, -103.12], 2.3 NNE HOBBS [32.73, -103.12] | | | | |
| | 08/25/18 17:55 MST | | 8K | Flash Flood (due to Heavy Rain) |
| | 08/25/18 18:40 MST | | 0 | Source: Emergency Manager |
| <p>Heavy rain moved across Lea County and produced flash flooding in Hobbs. Water was up to three feet at the intersection of Bender and Dal Paso Streets in Hobbs. Some roads were barricaded and cars were stranded. The cost of damage is a very rough estimate.</p> <p>There was an upper ridge over the region, and a north-south oriented surface trough was along the Texas-New Mexico border. Intense heating, upslope winds along the higher terrain, and good low to mid-level moisture contributed to thunderstorms developing in the Guadalupe Mountains and spreading to the surrounding plains. These storms resulted in flash flooding across parts of Lea County.</p> | | | | |
| TEXAS, West | | | | |
| DAWSON COUNTY --- 2.0 NE LAMESA [32.75, -101.93] | | | | |
| | 08/08/18 20:35 CST | | 0 | Thunderstorm Wind (MG 54 kt) |
| | 08/08/18 20:35 CST | | 0 | Source: AWOS |
| <p>A thunderstorm moved across Dawson County and produced a 62 mph wind gust near Lamesa.</p> <p>An upper ridge was over the western part of the country with an upper trough over the Upper Midwest. Decent moisture and instability, along with modest wind shear, were across West Texas. An outflow boundary was approaching the area from storms that were across the Texas panhandle and Oklahoma. These conditions resulted in a thunderstorm with strong wind gusts across the northern Permian Basin.</p> | | | | |
| HOWARD COUNTY --- 4.0 NW BIG SPRING [32.29, -101.52], 3.8 S FAIRVIEW [32.30, -101.51] | | | | |
| | 08/11/18 18:38 CST | | 0 | Tornado (EF0, L: 0.36 mi , W: 100 yd) |
| | 08/11/18 18:40 CST | | 0 | Source: Trained Spotter |
| <p>A thunderstorm moved across Howard County and produced a landspout four miles northwest of Big Spring. It was located over an open field behind the old Holland Cotton Seed holding facility. No damage was reported by the observer and by the Big Spring EMC who went to the location. The path length and width were estimated.</p> | | | | |
| SCURRY COUNTY --- SNYDER [32.72, -100.90], 1.0 S SNYDER [32.71, -100.90], 0.7 ENE SNYDER WINSTON ARPT [32.70, -100.94], 1.6 NNE SNYDER WINSTON ARPT [32.72, -100.94] | | | | |
| | 08/11/18 20:05 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/11/18 22:30 CST | | 0 | Source: Fire Department/Rescue |
| <p>Heavy rain fell across Scurry County and produced flash flooding in Snyder. The Snyder Fire Department confirmed that low water crossings were flooded and barricaded.</p> <p>There was an upper trough over West Texas that extended from northern Mexico northeast to the Great Lakes region. A couple of remaining thunderstorm outflow boundaries were across the area, and there was good moisture present. These conditions resulted in a thunderstorm that produced a landspout across the northeast Permian Basin and flash flooding in Scurry County.</p> | | | | |
| GAINES COUNTY --- 1.1 NNW SEAGRAVES [32.94, -102.56], 1.0 NNW SEAGRAVES [32.94, -102.56], 1.0 NNW SEAGRAVES [32.94, -102.56], 1.1 NNW SEAGRAVES [32.95, -102.56] | | | | |
| | 08/20/18 04:41 CST | | 6K | Flash Flood (due to Heavy Rain) |
| | 08/20/18 07:00 CST | | 0 | Source: Emergency Manager |
| <p>Heavy rain fell across Gaines County and produced flash flooding in Seagraves. Cars were flooded out at the intersection of US 385 and TX 83. The cost of damage is a very rough estimate.</p> <p>There was a cold front moving toward the Permian Basin, and a mid-level disturbance was over the region. Storms developed south of Lubbock and slowly moved south towards the area. These slow moving storms, along with moisture in the lower atmosphere, resulted in flash flooding in parts of the Permian Basin.</p> | | | | |
| ECTOR COUNTY --- 0.7 W ODESSA ECTOR CO ARPT [31.92, -102.39] | | | | |
| | 08/27/18 18:24 CST | | 0 | Hail (0.88 in) |
| | 08/27/18 18:29 CST | | 0 | Source: Public |

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| ECTOR COUNTY --- 2.5 ENE GARDENDALE [32.01, -102.38] | | | | |
| | 08/27/18 18:26 CST | | 0.50K | Thunderstorm Wind (EG 65 kt) |
| | 08/27/18 18:27 CST | | 0 | Source: Public |

A thunderstorm moved across Ector County and blew over trampolines in Gardendale. The cost of damage is a rough estimate.

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| ECTOR COUNTY --- WEST ODESSA [31.83, -102.50] | | | | |
| | 08/27/18 18:26 CST | | 0 | Thunderstorm Wind (EG 65 kt) |
| | 08/27/18 18:27 CST | | 0 | Source: Public |

A thunderstorm moved across Ector County and knocked out the power in West Odessa.

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|---|--------------------|--|-------|------------------------------|
| ECTOR COUNTY --- 5.0 ENE ODESSA [31.88, -102.29] | | | | |
| | 08/27/18 18:30 CST | | 0.30K | Thunderstorm Wind (EG 52 kt) |
| | 08/27/18 18:31 CST | | 0 | Source: NWS Employee |

A thunderstorm moved across Ector County and produced wind damage near Odessa. Six inch diameter tree limbs were broken by outflow winds five miles east northeast of Odessa. The cost of damage is a very rough estimate.

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| ECTOR COUNTY --- 2.4 ENE ODESSA [31.87, -102.33], 1.5 E ODESSA ECTOR CO ARPT [31.92, -102.35], 3.7 NNW WEST ODESSA [31.88, -102.52], 1.3 W ARCADE [31.80, -102.49] | | | | |
| | 08/27/18 18:53 CST | | 20K | Flash Flood (due to Heavy Rain) |
| | 08/27/18 20:00 CST | | 0 | Source: Fire Department/Rescue |

Heavy rain fell across Ector County and produced flash flooding in Odessa. Motorists were stranded in Odessa. The cost of damage is a very rough estimate.

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| MIDLAND COUNTY --- 1.3 SW MIDLAND [31.99, -102.10], 1.4 SW MIDLAND [31.98, -102.09], 0.6 SSE MIDLAND [31.99, -102.08], 0.4 S MIDLAND [31.99, -102.08] | | | | |
| | 08/27/18 19:24 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/27/18 21:00 CST | | 0 | Source: Amateur Radio |

Heavy rain moved across Midland County and produced flash flooding in the City of Midland. Front Street was flooding between Marienfeld and Garfield streets in Midland. No damage was reported.

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| MIDLAND COUNTY --- 3.5 N MIDLAND [32.05, -102.07], 4.7 WNW MIDLAND [32.03, -102.15], 3.5 WSW MIDLAND [31.97, -102.13], 1.3 E MIDLAND [32.00, -102.06] | | | | |
| | 08/27/18 20:00 CST | | 50K | Flash Flood (due to Heavy Rain) |
| | 08/27/18 21:00 CST | | 0 | Source: Law Enforcement |

Heavy rain moved across Midland County and produced flash flooding in the City of Midland. Lots of streets in Midland were reported to be flooded with numerous stalled vehicles. Some of the flooded streets included Wadley, Garfield, and by the Midland Park Mall. The cost of damage is a very rough estimate.

An upper trough was over the southern and central Rocky Mountains and had flattened the upper ridge which had been over West Texas. There was a surface trough present with good instability across the area. Hot temperatures were across the area, along with fairly dry air below the cloud base and good moisture through the atmosphere. These conditions resulted in hail, thunderstorm wind damage, and flash flooding across portions of the Permian Basin.