

Storm Data and Unusual Weather Phenomena - June 2020

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

NEW MEXICO, Southeast

| | | | | |
|---|--------------------|--|---|------------------------------|
| EDDY COUNTY --- 3.0 W WHITES CITY [32.17, -104.42] | | | | |
| | 06/23/20 19:52 MST | | 0 | Thunderstorm Wind (MG 53 kt) |
| | 06/23/20 19:52 MST | | 0 | Source: RAWS |

A thunderstorm moved across Eddy County and produced a 61 mph wind gust near Whites City.

An upper level ridge was centered over the Desert Southwest with southeast New Mexico on the eastern edge of this ridge. A surface boundary from thunderstorms the previous night was pushed up against the mountains in southeast New Mexico. Moist and unstable air was in place across the area along with sufficient wind shear. These conditions resulted in a thunderstorm that developed in southeast New Mexico with strong winds.

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|---|--------------------|--|---|-----------------------|
| (NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY | | | | |
| | 06/29/20 06:00 MST | | 0 | High Wind (MAX 52 kt) |
| | 06/29/20 13:00 MST | | 0 | |

A broad upper level trough over the Western U.S. brought strong winds to the Guadalupe Mountains.

TEXAS, West

| | | | | |
|--|--------------------|--|---|------------------------------|
| BORDEN COUNTY --- GAIL [32.77, -101.43] | | | | |
| | 06/04/20 22:06 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 06/04/20 22:07 CST | | 0 | Source: Law Enforcement |

A thunderstorm moved across Borden County and produced an estimated 60 mph wind gust in Gail.

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|--|--------------------|--|---|----------------|
| BORDEN COUNTY --- GAIL [32.77, -101.43] | | | | |
| | 06/04/20 22:10 CST | | 0 | Hail (1.75 in) |
| | 06/04/20 22:15 CST | | 0 | Source: Public |

| | | | | |
|--|--------------------|--|---|------------------------------|
| BORDEN COUNTY --- 2.0 ESE GAIL [32.76, -101.40] | | | | |
| | 06/04/20 22:15 CST | | 0 | Thunderstorm Wind (MG 72 kt) |
| | 06/04/20 22:16 CST | | 0 | Source: Mesonet |

A thunderstorm moved across Borden County and produced an 83 mph wind gust at the mesonet site near Gail.

| | | | | |
|--|--------------------|--|-------|------------------------------|
| BORDEN COUNTY --- GAIL [32.77, -101.43] | | | | |
| | 06/04/20 22:15 CST | | 0.10M | Thunderstorm Wind (EG 74 kt) |
| | 06/04/20 22:16 CST | | 0 | Source: NWS Storm Survey |

A thunderstorm moved across Borden County and produced wind gusts estimated to be 80 to 85 mph in Gail. Damages include roofs blown off, fences destroyed, trees blown over, sheds blown over, bent poles, and a damaged stop sign. The cost of damage is a very rough estimate.

| | | | | |
|---|--------------------|--|----|------------------------------|
| BORDEN COUNTY --- 5.0 SE GAIL [32.72, -101.37] | | | | |
| | 06/04/20 22:30 CST | | 8K | Thunderstorm Wind (EG 96 kt) |
| | 06/04/20 22:31 CST | | 0 | Source: NWS Storm Survey |

A thunderstorm moved across Borden County and produced winds estimated to be 100 to 120 mph five miles southeast of Gail. A localized microburst occurred according to a National Weather Service storm survey with three broken powerline poles. The cost of damage is a very rough estimate.

An upper ridge was over the region with hot temperatures across West Texas. There was an axis of instability east of a dryline in the Texas Panhandle and Central High Plains of West Texas. Storms developed in this area and moved southward into the northern Permian Basin. These storms produced large hail and wind damage.

Storm Data and Unusual Weather Phenomena - June 2020

Location

Date/Time

Deaths &
Injuries

Property &
Crop Dmg

Event Type and Details



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|  | | | | |

A roof was blown off of a mobile home on the southeast side of Gail, TX. The roof was thrown 100+ feet away into a field across the road, snapping a powerline in the process. Photo is courtesy of the NWS storm survey team.

(TX-Z270) GUADALUPE MOUNTAINS ABOVE 7000 FEET, (TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS

| | | |
|--------------------|---|-----------------------|
| 06/08/20 19:38 CST | 0 | High Wind (MAX 63 kt) |
| 06/09/20 06:52 CST | 0 | |

An upper level low moved into Colorado and the Central Plains bringing strong winds to the Guadalupe Mountains of Texas.

DAWSON COUNTY --- WELCH [32.92, -102.13]

| | | |
|--------------------|---|------------------------------|
| 06/17/20 19:29 CST | 0 | Thunderstorm Wind (MG 54 kt) |
| 06/17/20 19:29 CST | 0 | Source: Mesonet |

A thunderstorm moved across Dawson County and produced a 62 mph wind gust at the Welch mesonet site.

DAWSON COUNTY --- WELCH [32.92, -102.13]

| | | |
|--------------------|---|------------------------------|
| 06/17/20 19:39 CST | 0 | Thunderstorm Wind (MG 65 kt) |
| 06/17/20 19:39 CST | 0 | Source: Mesonet |

A thunderstorm moved across Dawson County and produced a 75 mph wind gust at the Welch mesonet site.

DAWSON COUNTY --- 2.0 SE LAMESA [32.71, -101.93]

| | | |
|--------------------|---|------------------------------|
| 06/17/20 19:55 CST | 0 | Thunderstorm Wind (MG 50 kt) |
| 06/17/20 19:55 CST | 0 | Source: Mesonet |

A thunderstorm moved across Dawson County and produced a 58 mph wind gust at the mesonet site near Lamesa.

There was a weak upper level ridge over West Texas with plentiful moisture. An upper level disturbance which provided lift moved over the area and the atmosphere was unstable. These conditions produced thunderstorms with strong winds across West Texas.

HOWARD COUNTY --- 1.0 SSE LOMAX [32.11, -101.62]

| | | |
|--------------------|---|------------------------------|
| 06/18/20 18:52 CST | 0 | Thunderstorm Wind (MG 72 kt) |
| 06/18/20 18:52 CST | 0 | Source: Mesonet |

A thunderstorm moved across Howard County and produced an 83 mph wind gust at the mesonet site near Lomax.

HOWARD COUNTY --- 1.0 SSE LOMAX [32.11, -101.62]

| | | |
|--------------------|---|------------------------------|
| 06/18/20 18:56 CST | 0 | Thunderstorm Wind (MG 60 kt) |
| 06/18/20 18:56 CST | 0 | Source: Mesonet |

A thunderstorm moved across Howard County and produced a 69 mph wind gust at the mesonet site near Lomax.

HOWARD COUNTY --- 4.0 WSW BIG SPRING [32.23, -101.53]

| | | |
|--------------------|---|------------------------------|
| 06/18/20 19:35 CST | 0 | Thunderstorm Wind (MG 53 kt) |
| 06/18/20 19:35 CST | 0 | Source: AWOS |

A thunderstorm moved across Howard County and produced a 61 mph wind gust at the AWOS site near Big Spring.

An upper level ridge was over West Texas with hot temperatures across the area. There was a dryline across the Permian Basin, and an upper level disturbance moved over the area. High moisture and instability were present along and east of the dryline. These conditions resulted in thunderstorms across the Permian Basin that produced strong winds.

DAWSON COUNTY --- 0.5 NNE WELCH [32.93, -102.13]

| | | |
|--------------------|---|------------------------------|
| 06/19/20 15:15 CST | 0 | Thunderstorm Wind (MG 50 kt) |
| 06/19/20 15:15 CST | 0 | Source: Mesonet |

A thunderstorm moved across Dawson County and produced a 58 mph wind gust at the mesonet site in Welch.

Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------------|
| ECTOR COUNTY --- ODESSA [31.85, -102.37] | | | | |
| | 06/19/20 16:38 CST | 0 | | Hail (1.25 in) |
| | 06/19/20 16:43 CST | 0 | | Source: Public |
| A thunderstorm moved across Ector County and produced half dollar sized hail and wind gusts to 60 mph. | | | | |
| ECTOR COUNTY --- ODESSA [31.85, -102.37] | | | | |
| | 06/19/20 16:41 CST | 0 | | Hail (3.00 in) |
| | 06/19/20 16:46 CST | 0 | | Source: Social Media |
| ECTOR COUNTY --- 0.6 ESE ODESSA ECTOR CO ARPT [31.92, -102.37] | | | | |
| | 06/19/20 16:48 CST | 0 | | Thunderstorm Wind (EG 56 kt) |
| | 06/19/20 16:48 CST | 0 | | Source: NWS Employee |
| A thunderstorm moved across Ector County and produced an estimated 65 mph wind gust in Odessa. | | | | |
| MIDLAND COUNTY --- 5.0 S (MAF) MIDLAND INTL [31.86, -102.20] | | | | |
| | 06/19/20 16:55 CST | 0 | | Hail (1.00 in) |
| | 06/19/20 17:00 CST | 0 | | Source: Trained Spotter |
| ECTOR COUNTY --- 0.5 SSE ODESSA [31.84, -102.37] | | | | |
| | 06/19/20 16:58 CST | 0 | | Hail (1.00 in) |
| | 06/19/20 17:03 CST | 0 | | Source: Public |
| MIDLAND COUNTY --- (MAF) MIDLAND INTL [31.93, -102.20] | | | | |
| | 06/19/20 17:00 CST | 0 | | Thunderstorm Wind (MG 59 kt) |
| | 06/19/20 17:00 CST | 0 | | Source: ASOS |
| A thunderstorm moved across Midland County and produced a 68 mph wind gust at Midland International Airport. | | | | |
| MIDLAND COUNTY --- 3.0 SW MIDLAND [31.97, -102.12] | | | | |
| | 06/19/20 17:13 CST | 0 | | Hail (1.25 in) |
| | 06/19/20 17:18 CST | 0 | | Source: Public |
| MIDLAND COUNTY --- 3.0 SE MIDLAND [31.97, -102.04] | | | | |
| | 06/19/20 17:20 CST | 0 | | Hail (1.50 in) |
| | 06/19/20 17:25 CST | 0 | | Source: Public |
| MIDLAND COUNTY --- MIDLAND [32.00, -102.08] | | | | |
| | 06/19/20 17:20 CST | 0 | | Hail (2.50 in) |
| | 06/19/20 17:25 CST | 0 | | Source: Social Media |
| MIDLAND COUNTY --- 2.0 SE MIDLAND [31.98, -102.06] | | | | |
| | 06/19/20 17:24 CST | 0 | | Hail (1.00 in) |
| | 06/19/20 17:29 CST | 0 | | Source: Social Media |
| MARTIN COUNTY --- 11.0 N LENORAH [32.46, -101.87] | | | | |
| | 06/19/20 17:27 CST | 0 | | Hail (1.00 in) |
| | 06/19/20 17:32 CST | 0 | | Source: Trained Spotter |
| MIDLAND COUNTY --- 3.0 E MIDLAND [32.00, -102.03] | | | | |
| | 06/19/20 17:30 CST | 0 | | Hail (1.00 in) |
| | 06/19/20 17:35 CST | 0 | | Source: NWS Employee |
| MARTIN COUNTY --- LENORAH [32.30, -101.87] | | | | |
| | 06/19/20 17:38 CST | 0 | 0.50K | Thunderstorm Wind (EG 52 kt) |
| | 06/19/20 17:39 CST | 0 | | Source: Public |

Storm Data and Unusual Weather Phenomena - June 2020

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

A thunderstorm moved across Martin County and produced tree damage and estimated 60 mph winds. The cost of damage is a very rough estimate.

MARTIN COUNTY --- LENORAH [32.30, -101.87]

| | | |
|--------------------|---|----------------|
| 06/19/20 17:38 CST | 0 | Hail (1.00 in) |
| 06/19/20 17:43 CST | 0 | Source: Public |

A weak upper ridge was over West Texas with an upper trough just to the north of the region. A dryline was present across the Permian Basin and Lower Trans Pecos. Plentiful moisture and instability were present east of the dryline. Wind shear was high across the area. An upper level disturbance moved over the area which brought additional lift. These conditions resulted in thunderstorms with large hail and strong winds across the Permian Basin.

Storm Data and Unusual Weather Phenomena - June 2020

Location

Date/Time

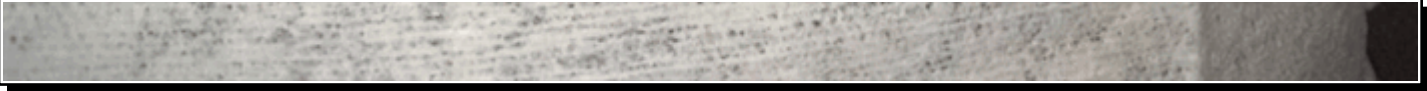
Deaths &
Injuries

Property &
Crop Dmg

Event Type and Details



Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|---|----------------------|------------------------|------------------------------|
|  | | | | |
| <i>A thunderstorm produced quarter sized hail south of Midland. Photo courtesy of Anna Soto.</i> | | | | |
| <hr/> | | | | |
| BREWSTER COUNTY --- 25.0 E MARATHON [30.20, -102.83] | 06/20/20 16:19 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 06/20/20 16:19 CST | 0 | | Source: Trained Spotter |
| <hr/> | | | | |
| BREWSTER COUNTY --- 25.0 E MARATHON [30.20, -102.83] | A thunderstorm moved across Brewster County and produced an estimated 60 mph wind gust. | | | |
| <hr/> | | | | |
| ECTOR COUNTY --- 3.0 ENE NORTH COWDEN [32.02, -102.47] | 06/20/20 18:23 CST | 0 | | Hail (1.50 in) |
| | 06/20/20 18:28 CST | 0 | | Source: Trained Spotter |
| <hr/> | | | | |
| ECTOR COUNTY --- 2.5 WNW GARDENDALE [32.02, -102.46] | 06/20/20 18:25 CST | 0 | | Hail (2.00 in) |
| | 06/20/20 18:30 CST | 0 | | Source: Trained Spotter |
| <hr/> | | | | |
| ECTOR COUNTY --- 6.0 NNW ODESSA [31.93, -102.41] | 06/20/20 18:28 CST | 0 | | Hail (2.00 in) |
| | 06/20/20 18:33 CST | 0 | | Source: Social Media |
| <hr/> | | | | |
| ECTOR COUNTY --- 2.3 NW ODESSA ECTOR CO ARPT [31.95, -102.41] | 06/20/20 18:29 CST | 0 | | Hail (1.00 in) |
| | 06/20/20 18:34 CST | 0 | | Source: Public |
| <hr/> | | | | |
| ECTOR COUNTY --- 1.4 WNW ODESSA ECTOR CO ARPT [31.93, -102.40] | 06/20/20 18:30 CST | 0 | | Hail (3.00 in) |
| | 06/20/20 18:35 CST | 0 | | Source: Trained Spotter |
| <hr/> | | | | |
| ECTOR COUNTY --- 6.0 NNW ODESSA [31.93, -102.41] | 06/20/20 18:30 CST | 0 | | Hail (2.50 in) |
| | 06/20/20 18:35 CST | 0 | | Source: Social Media |
| <hr/> | | | | |
| ECTOR COUNTY --- 7.0 NNW ODESSA [31.94, -102.42] | 06/20/20 18:30 CST | 0 | | Hail (1.50 in) |
| | 06/20/20 18:35 CST | 0 | | Source: Public |
| <hr/> | | | | |
| ECTOR COUNTY --- 3.0 NNE ODESSA [31.89, -102.35] | 06/20/20 18:32 CST | 0 | | Hail (1.00 in) |
| | 06/20/20 18:40 CST | 0 | | Source: NWS Employee |
| <hr/> | | | | |
| ECTOR COUNTY --- 6.0 NNW ODESSA [31.93, -102.41] | 06/20/20 18:34 CST | 0 | | Hail (1.50 in) |
| | 06/20/20 18:39 CST | 0 | | Source: Social Media |
| <hr/> | | | | |
| ECTOR COUNTY --- 7.0 NNW ODESSA [31.94, -102.42] | 06/20/20 18:34 CST | 0 | | Hail (1.75 in) |
| | 06/20/20 18:39 CST | 0 | | Source: Social Media |
| <hr/> | | | | |
| ECTOR COUNTY --- 1.9 ENE GREENFIELD ACRES [31.88, -102.37] | 06/20/20 18:43 CST | 0 | | Hail (1.50 in) |
| | 06/20/20 18:48 CST | 0 | | Source: Social Media |
| <hr/> | | | | |
| ECTOR COUNTY --- 3.0 NNW ODESSA [31.89, -102.39] | | | | |

Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 06/20/20 18:50 CST | | 0 | Hail (1.75 in) |
| | 06/20/20 18:55 CST | | 0 | Source: Public |

ECTOR COUNTY --- 7.0 SW ODESSA [31.78, -102.45]

| | | |
|--------------------|---|----------------------|
| 06/20/20 19:10 CST | 0 | Hail (1.00 in) |
| 06/20/20 19:15 CST | 0 | Source: Social Media |

An upper level trough was centered over southern Canada and extended southward into Texas. A dryline developed across West Texas during the afternoon with very moist air to the east of this feature. Wind shear was fairly high across the area, and there was high instability. Thunderstorms to the north of the area during the morning left a boundary in place which became a focus for thunderstorm development during the afternoon and evening hours across the Permian Basin. These conditions contributed to thunderstorms that developed across the Permian Basin and in Brewster County that produced large hail and strong winds.



Two inch hail fell on the north side of Odessa. Photo is courtesy of Joy Smith.

ECTOR COUNTY --- ODESSA [31.85, -102.37]

| | | |
|--------------------|---|----------------------|
| 06/22/20 21:15 CST | 0 | Hail (1.25 in) |
| 06/22/20 21:20 CST | 0 | Source: Social Media |

ECTOR COUNTY --- 4.0 NNW ODESSA [31.90, -102.40]

| | | |
|--------------------|---|----------------|
| 06/22/20 21:18 CST | 0 | Hail (1.00 in) |
| 06/22/20 21:23 CST | 0 | Source: Public |

Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------------|
| MIDLAND COUNTY --- (MAF) MIDLAND INTL [31.93, -102.20] | | | | |
| | 06/22/20 21:40 CST | | 0 | Thunderstorm Wind (MG 53 kt) |
| | 06/22/20 21:40 CST | | 0 | Source: ASOS |
| A thunderstorm moved across Midland County and produced a 61 mph wind gust as measured by the ASOS site. | | | | |
| MIDLAND COUNTY --- 4.9 NNE (MAF) MIDLAND INTL [32.00, -102.17] | | | | |
| | 06/22/20 21:46 CST | | 20K | Thunderstorm Wind (EG 61 kt) |
| | 06/22/20 21:47 CST | | 0 | Source: Public |
| A thunderstorm moved across Midland County and produced wind damage on the west side of the City of Midland. Multiple power lines were snapped in half and brick fence posts were blown down near the intersection of State Highway 158 and State Highway 191. Six powerline poles were snapped near the base and toppled over causing most of the neighborhood to lose power. The cost of damage is a very rough estimate. | | | | |
| DAWSON COUNTY --- WELCH [32.92, -102.13] | | | | |
| | 06/22/20 23:17 CST | | 0 | Thunderstorm Wind (MG 54 kt) |
| | 06/22/20 23:17 CST | | 0 | Source: Mesonet |
| A thunderstorm moved across Dawson County and produced a 62 mph wind gust at the Welch mesonet site. | | | | |
| DAWSON COUNTY --- WELCH [32.92, -102.13] | | | | |
| | 06/22/20 23:25 CST | | 0 | Thunderstorm Wind (MG 63 kt) |
| | 06/22/20 23:25 CST | | 0 | Source: Mesonet |
| A thunderstorm moved across Dawson County and produced a 72 mph wind gust at the Welch mesonet site. | | | | |
| DAWSON COUNTY --- 2.0 NE LAMESA [32.75, -101.93] | | | | |
| | 06/22/20 23:55 CST | | 0 | Thunderstorm Wind (MG 68 kt) |
| | 06/22/20 23:55 CST | | 0 | Source: ASOS |
| A thunderstorm moved across Dawson County and produced a 78 mph wind gust at the ASOS site near Lamesa. | | | | |
| BORDEN COUNTY --- 2.0 ESE GAIL [32.76, -101.40] | | | | |
| | 06/23/20 00:10 CST | | 0 | Thunderstorm Wind (MG 55 kt) |
| | 06/23/20 00:10 CST | | 0 | Source: Mesonet |
| A thunderstorm moved across Borden County and produced a 63 mph wind gust at the mesonet site near Gail. | | | | |
| MARTIN COUNTY --- 2.0 WNW TARZAN [32.31, -102.00] | | | | |
| | 06/23/20 00:15 CST | | 0 | Thunderstorm Wind (MG 53 kt) |
| | 06/23/20 00:15 CST | | 0 | Source: Mesonet |
| A thunderstorm moved across Martin County and produced a 61 mph wind gust at the mesonet site near Tarzan. | | | | |
| BORDEN COUNTY --- 15.6 NE GAIL [32.92, -101.23] | | | | |
| | 06/23/20 00:25 CST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 06/23/20 00:25 CST | | 0 | Source: Mesonet |
| A thunderstorm moved across Borden County and produced a 58 mph wind gust at the mesonet site near Fluvanna. | | | | |
| HOWARD COUNTY --- 1.0 SSE LOMAX [32.11, -101.62] | | | | |
| | 06/23/20 00:33 CST | | 0 | Thunderstorm Wind (MG 53 kt) |
| | 06/23/20 00:33 CST | | 0 | Source: Mesonet |
| A thunderstorm moved across Howard County and produced a 61 mph wind gust at the mesonet site near Lomax. | | | | |
| GLASSCOCK COUNTY --- 12.0 N GARDEN CITY [32.04, -101.50] | | | | |
| | 06/23/20 00:37 CST | | 30K | Thunderstorm Wind (EG 70 kt) |
| | 06/23/20 00:38 CST | | 0 | Source: Social Media |

Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| <p>A thunderstorm moved across Glasscock County and produced wind damage twelve miles north of Garden City. A roof was blown off, a porch was destroyed, and a fence was blown down. The cost of damage is a very rough estimate.</p> | | | | |
| <hr/> | | | | |
| SCURRY COUNTY --- 3.0 E SNYDER [32.72, -100.85] | | | | |
| | 06/23/20 01:10 CST | | 17K | Thunderstorm Wind (MG 63 kt) |
| | 06/23/20 01:10 CST | | 0 | Source: Mesonet |

A thunderstorm moved across Scurry County and produced a 72 mph wind gust at the mesonet site near Snyder. A 100 foot radio tower in Snyder was blown over due to the winds. The cost of damage is a very rough estimate.

The upper level winds were from the northwest and an upper level disturbance moved southeastward on the upper winds. This resulted in thunderstorms that developed in the higher terrain of northeast New Mexico. These thunderstorms organized into a complex of thunderstorms known as an MCS (Mesoscale Convective System). Behind this complex of thunderstorms was a cold front. The air across the Permian Basin was moist and unstable. This complex of storms moved into the Permian Basin during the late evening and overnight hours and produced hail and strong, damaging wind gusts.

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|  | | | | |

A thunderstorm produced wind damage in Midland. Power poles and power lines were knocked over. Photo is courtesy of NewsWest9.

CULBERSON COUNTY --- 4.0 S PINE SPGS [31.82, -104.80]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 06/26/20 16:24 CST | | 0 | | Thunderstorm Wind (MG 51 kt) |
| 06/26/20 16:24 CST | | 0 | | Source: ASOS |

A thunderstorm moved across Culberson County and produced a 59 mph wind gust at the ASOS site near Pine Springs.

There was an upper ridge to the west of the area. Low level moisture had increased and was lifted upwards along the mountains of West Texas. These conditions resulted in a thunderstorm that produced strong winds in Culberson County.

(TX-Z270) GUADALUPE MOUNTAINS ABOVE 7000 FEET, (TX-Z271) GUADALUPE AND DELAWARE MOUNTAINS

| | | | | |
|--------------------|--|---|--|-----------------------|
| 06/29/20 02:38 CST | | 0 | | High Wind (MAX 55 kt) |
| 06/29/20 15:51 CST | | 0 | | |

A broad upper level trough over the Western U.S. brought strong winds to the Guadalupe Mountains.

MITCHELL COUNTY --- 5.7 SSE COLORADO CITY [32.32, -100.82]

| | | | | |
|--------------------|--|---|--|----------------------|
| 06/30/20 14:43 CST | | 0 | | Hail (1.00 in) |
| 06/30/20 14:48 CST | | 0 | | Source: Social Media |

MITCHELL COUNTY --- 2.1 SE COLORADO CITY ARPT [32.40, -100.80]

| | | | | |
|--------------------|--|----|--|------------------------------|
| 06/30/20 17:55 CST | | 7M | | Thunderstorm Wind (EG 78 kt) |
| 06/30/20 17:56 CST | | 0 | | Source: NWS Storm Survey |

A thunderstorm moved across Mitchell County and produced straight-line wind damage about three miles east of Colorado City. There were five downed powerline poles along the south frontage road of I-20 between mile markers 221 and 222. An 86 car train was derailed about one mile south of the frontage road which caused a large fire. A long stretch of the track was also damaged. Based on the damage, the peak wind speeds were estimated by an NWS survey team to range between 80 to 100 mph. The cost of damage is a very rough estimate.

MITCHELL COUNTY --- 9.0 SE COLORADO CITY [32.31, -100.74]

| | | | | |
|--------------------|--|-----|--|------------------------------|
| 06/30/20 18:40 CST | | 80K | | Thunderstorm Wind (EG 61 kt) |
| 06/30/20 18:41 CST | | 0 | | Source: NWS Storm Survey |

A thunderstorm moved across Mitchell County and produced wind damage nine miles southeast of Colorado City. A 750 foot long center pivot irrigation system was toppled over on its side. The cost of damage is a very rough estimate.

An upper level trough was over the western part of the country. Intense heating was occurring across West Texas. A dryline was across the eastern Permian Basin with very moist and unstable conditions along and to the east of this line. These conditions resulted in thunderstorms across Mitchell County that produced large hail and damaging winds.

Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|-----------|-------------------|---------------------|------------------------|
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A thunderstorm resulted in wind damage three miles east of Colorado City. 86 train cars derailed just south of I-20 between mile markers 221 and 222. Photo is courtesy of the NWS survey team.