

Storm Data and Unusual Weather Phenomena - April 2007

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

NEW MEXICO, Southeast

LEA COUNTY --- TATUM [33.25, -103.32]

| | | | | |
|--|--------------------|---|--|------------------------------|
| | 04/29/07 09:44 MST | 0 | | Thunderstorm Wind (MG 51 kt) |
| | 04/29/07 09:44 MST | 0 | | Source: COOP Observer |

An upper level low pressure system located over northern portions of Mexico in combination with east to southeast surface winds pulling in abundant amounts of Gulf moisture and providing upslope flow, led to the development of showers and thunderstorms across west Texas and southeastern New Mexico.

During the overnight hours on early Sunday morning, showers and thunderstorms moved out of northern Mexico into southwest Texas. Additional thunderstorms developed over the higher elevations of southwest Texas leading to pre-sunrise severe weather in the form of hail and flash flooding across the southwest portions of the County Warning Area. As the morning progressed, a large area of embedded showers and thunderstorms moved northeastward across southeastern New Mexico and the Texas Permian Basin producing occasional severe weather, before exiting into the South Plains of West Texas.

With antecedent conditions remaining in place, the additional boundaries left by morning convection and daytime heating led to thunderstorm re-development by early Sunday afternoon and a significant severe weather event that affected much of the area into the pre-dawn hours on Monday morning.

TEXAS, West

SCURRY COUNTY --- SNYDER [32.72, -100.90]

| | | | | |
|--|--------------------|---|--|----------------|
| | 04/17/07 12:26 CST | 0 | | Hail (1.75 in) |
| | 04/17/07 12:30 CST | 0 | | Source: Public |

Pea to golfball size hail was reported in Snyder.

SCURRY COUNTY --- HERMLEIGH [32.63, -100.75]

| | | | | |
|--|--------------------|---|--|----------------|
| | 04/17/07 13:00 CST | 0 | | Hail (1.50 in) |
| | 04/17/07 13:00 CST | 0 | | Source: Public |

SCURRY COUNTY --- SNYDER [32.72, -100.90]

| | | | | |
|--|--------------------|-----|--|---------------------------------|
| | 04/17/07 13:17 CST | 10K | | Flash Flood (due to Heavy Rain) |
| | 04/17/07 16:00 CST | 0 | | Source: Newspaper |

The Snyder Daily News reported two motorists stranded by high water. One motorist was stuck under the College Avenue bridge. The other motorists location was not disclosed.

SCURRY COUNTY --- 1.5 SSW KNAPP [32.63, -101.13]

| | | | | |
|--|--------------------|---|--|-----------------------|
| | 04/17/07 13:40 CST | 0 | | Hail (0.88 in) |
| | 04/17/07 13:40 CST | 0 | | Source: COOP Observer |

MITCHELL COUNTY --- 2.0 NNW COLORADO CITY [32.43, -100.86]

| | | | | |
|--|--------------------|---|--|------------------------------|
| | 04/17/07 14:10 CST | 0 | | Thunderstorm Wind (EG 61 kt) |
| | 04/17/07 14:10 CST | 0 | | Source: Public |

No damage was reported.

SCURRY COUNTY --- 3.0 E SNYDER [32.72, -100.85]

| | | | | |
|--|--------------------|---|--|------------------------------|
| | 04/17/07 14:40 CST | 0 | | Thunderstorm Wind (MG 58 kt) |
| | 04/17/07 14:40 CST | 0 | | Source: Mesonet |

The West Texas Mesonet station three miles east of Snyder recorded a 67 mph wind gust. No damage was reported.

A very cold upper level low, plenty of moisture, and a surface boundary combined to produce severe thunderstorms across the western low rolling plains of west Texas.

BREWSTER COUNTY --- LAJITAS [29.28, -103.78]

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| | 04/28/07 17:32 CST | | 0 | Hail (0.88 in) |
| | 04/28/07 17:32 CST | | 0 | Source: Public |
| <hr/> | | | | |
| BREWSTER COUNTY --- 1.0 NE LAJITAS [29.29, -103.77] | | | | |
| | 04/28/07 18:03 CST | | 0 | Hail (1.00 in) |
| | 04/28/07 18:03 CST | | 0 | Source: Public |
| <hr/> | | | | |
| BREWSTER COUNTY --- CASTOLON [29.13, -103.52] | | | | |
| | 04/28/07 18:21 CST | | 0 | Hail (1.50 in) |
| | 04/28/07 18:21 CST | | 0 | Source: Park/Forest Service |
| <hr/> | | | | |
| BREWSTER COUNTY --- 6.0 NNW PANTHER JUNCTION [29.38, -103.34] | | | | |
| | 04/28/07 19:32 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/28/07 22:00 CST | | 0 | Source: Park/Forest Service |
| <hr/> | | | | |
| Two feet of water flowed over Big Bend National Park Route 15 north-northwest of Panther Junction. | | | | |
| An upper level low over western Mexico resulted in severe weather across the Big Bend region of west Texas. | | | | |
| <hr/> | | | | |
| GAINES COUNTY --- SEAGRAVES [32.93, -102.55] | | | | |
| | 04/30/07 14:32 CST | | 0 | Hail (1.00 in) |
| | 04/30/07 14:32 CST | | 0 | Source: Fire Department/Rescue |
| <hr/> | | | | |
| An upper level low over far west Texas moved eastward over west Texas and combined with abundant low level moisture to produce thunderstorms across west Texas. | | | | |
| <hr/> | | | | |
| MIDLAND COUNTY --- GREENWOOD [32.00, -101.92] | | | | |
| | 04/23/07 16:18 CST | | 0 | Hail (1.75 in) |
| | 04/23/07 16:18 CST | | 0 | Source: Public |
| <hr/> | | | | |
| MARTIN COUNTY --- STANTON [32.13, -101.80] | | | | |
| | 04/23/07 16:25 CST | | 0 | Hail (0.88 in) |
| | 04/23/07 16:30 CST | | 0 | Source: Law Enforcement |
| <hr/> | | | | |
| MARTIN COUNTY --- 3.0 NE STANTON [32.16, -101.76] | | | | |
| | 04/23/07 16:50 CST | | 0 | Hail (0.88 in) |
| | 04/23/07 16:50 CST | | 0 | Source: Trained Spotter |
| <hr/> | | | | |
| Penny to nickel size hail was covering Interstate 20 northeast of Stanton. | | | | |
| <hr/> | | | | |
| HOWARD COUNTY --- BIG SPRING [32.25, -101.47], 3.0 NNE BIG SPRING [32.29, -101.45] | | | | |
| | 04/23/07 17:16 CST | | 0 | Hail (0.75 in) |
| | 04/23/07 17:19 CST | | 0 | Source: Broadcast Media |
| <hr/> | | | | |
| HOWARD COUNTY --- 1.0 N COAHOMA [32.31, -101.30] | | | | |
| | 04/23/07 17:34 CST | | 0 | Hail (1.75 in) |
| | 04/23/07 17:34 CST | | 0 | Source: Trained Spotter |
| <hr/> | | | | |
| BORDEN COUNTY --- GAIL [32.77, -101.43] | | | | |
| | 04/23/07 17:40 CST | | 0 | Hail (1.75 in) |
| | 04/23/07 17:40 CST | | 0 | Source: Law Enforcement |
| <hr/> | | | | |
| SCURRY COUNTY --- KNAPP [32.65, -101.12] | | | | |
| | 04/23/07 17:58 CST | | 0 | Hail (0.75 in) |
| | 04/23/07 17:58 CST | | 0 | Source: Public |
| <hr/> | | | | |
| MITCHELL COUNTY --- COLORADO CITY ARPT [32.42, -100.82] | | | | |
| | 04/23/07 18:14 CST | | 0 | Hail (1.75 in) |
| | 04/23/07 18:14 CST | | 0 | Source: Trained Spotter |

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| Golfball size hail fell at the intersection of Texas Highway 208 and Airport Road. | | | | |
| MITCHELL COUNTY --- COLORADO CITY ARPT [32.42, -100.82] | | | | |
| | 04/23/07 18:38 CST | | 0 | Hail (1.75 in) |
| | 04/23/07 18:38 CST | | 0 | Source: Storm Chaser |
| Golfball size hail fell at the airport. | | | | |
| MITCHELL COUNTY --- 2.5 N COLORADO CITY [32.44, -100.85] | | | | |
| | 04/23/07 18:40 CST | | 0 | Hail (1.75 in) |
| | 04/23/07 18:40 CST | | 0 | Source: Public |
| MITCHELL COUNTY --- 4.0 E COLORADO CITY [32.40, -100.78], 8.0 E COLORADO CITY [32.40, -100.71] | | | | |
| | 04/23/07 18:43 CST | | 8K | Tornado (EF0, L: 4.00 mi , W: 50 yd) |
| | 04/23/07 18:56 CST | | 0 | Source: Trained Spotter |
| A damage survey conducted by the National Weather Service determined that a tornado touched down just north of the intersection of Interstate 20 and southbound Texas Highway 208 near Colorado City and continued to parallel the Interstate to just northwest of Loraine. This tornado remained over open fields inaccessible by roadways at its maximum intensity. Some damage found to a field irrigation system, power poles, including those near the intersection of Farm to Market Road 1899 and Interstate 20, vegetation, and damage to an Interstate 20 sign for exit 223 led the damage survey team to assign an EF0 rating to this tornado. | | | | |
| MITCHELL COUNTY --- 3.0 N LORAIN [32.46, -100.72] | | | | |
| | 04/23/07 18:50 CST | | 0 | Hail (1.75 in) |
| | 04/23/07 18:50 CST | | 0 | Source: Public |
| Golfball size hail fell two miles north of Lone Wolf Mountain. | | | | |
| MITCHELL COUNTY --- BUFORD [32.47, -100.85] | | | | |
| | 04/23/07 19:55 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/23/07 21:55 CST | | 0 | Source: Unknown |
| Flash flooding caused the closure of portions of Farm to Market Road 1992 and Texas Highway 208 north of Colorado City. | | | | |
| A southern stream shortwave trough approaching southwestern Texas enhanced thunderstorm development along and east of the dryline. Deep layer shear was quite strong and allowed a tornado to develop in Mitchell county. | | | | |
| BREWSTER COUNTY --- 20.0 NE LAJITAS [29.48, -103.55] | | | | |
| | 04/29/07 04:00 CST | | 0 | Hail (0.88 in) |
| | 04/29/07 04:00 CST | | 0 | Source: Trained Spotter |
| BREWSTER COUNTY --- CASTOLON [29.13, -103.52] | | | | |
| | 04/29/07 06:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/29/07 09:00 CST | | 0 | Source: Park/Forest Service |
| Big Bend National Park staff reported one to two feet of water flooding Castalon Canyon. | | | | |
| JEFF DAVIS COUNTY --- FT DAVIS [30.58, -103.88] | | | | |
| | 04/29/07 10:36 CST | | 0 | Hail (1.00 in) |
| | 04/29/07 10:36 CST | | 0 | Source: Emergency Manager |
| JEFF DAVIS COUNTY --- 2.5 SSE FT DAVIS [30.55, -103.86], 2.0 NW FT DAVIS [30.60, -103.90] | | | | |
| | 04/29/07 10:40 CST | | 0 | Tornado (EF0, L: 3.50 mi , W: 300 yd) |
| | 04/29/07 10:54 CST | | 0 | Source: Emergency Manager |

During the late morning of April 29, the Jeff Davis County emergency manager reported a tornado just south of the intersection of Texas Highways 166 and 17 over open country. While several hundred yards wide, the tornado was described by several spotters as having a relatively weak rotation. This is confirmed by the lack of damage as the tornado crossed both Highway 17 and Highway 166. The tornado moved along a north northwest track, just missing most of the town of Fort Davis. The tornado then moved into Davis Mountains State Park, across Skyline Drive near Scenic Outlook, and then down the mountain into the lower elevations on the east side of the park. Tree damage was noted both on the mountain side and in the valley areas. As the tornado crossed Highway 118, it began to meander along Limpia Creek before finally dissipating.

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|---|--------------------|----------------------|------------------------|--------------------------------------|
| WARD COUNTY --- 6.0 ENE MONAHANS [31.61, -102.81], GRANDFALLS [31.33, -102.87] | | | | |
| | 04/29/07 11:00 CST | 0 | | Flash Flood (due to Heavy Rain) |
| | 04/29/07 14:00 CST | 0 | | Source: Fire Department/Rescue |
| Five to six inches of water flowed over the road into Monahans Sandhills State Park. Also, in Grandfalls on Texas Highway 18, six to twelve inches of water flowed over the road. | | | | |
| JEFF DAVIS COUNTY --- 2.0 SW VALENTINE [30.56, -104.52], 3.0 WSW VALENTINE [30.56, -104.55] | | | | |
| | 04/29/07 11:07 CST | 0 | | Tornado (EF0, L: 1.38 mi , W: 50 yd) |
| | 04/29/07 11:12 CST | 0 | | Source: Public |
| Just after the Fort Davis tornado, another tornado was sighted in the western portions of Jeff Davis County near the town of Valentine. An area of rather weak convection developed along a north-south line from northern portions of Presidio County into Jeff Davis County near Valentine. The tornado was very long and thin. Images indicate that during a portion of its life cycle, the tornado touched down over higher terrain west of Highway 90. | | | | |
| BREWSTER COUNTY --- TERLINGUA [29.33, -103.60] | | | | |
| | 04/29/07 11:44 CST | 0 | | Hail (0.88 in) |
| | 04/29/07 11:44 CST | 0 | | Source: Public |
| JEFF DAVIS COUNTY --- 17.0 NNW FT DAVIS [30.81, -103.99] | | | | |
| | 04/29/07 11:44 CST | 0 | | Hail (1.00 in) |
| | 04/29/07 11:44 CST | 0 | | Source: Emergency Manager |
| Quarter size hail fell at the intersection of Texas Highway 17 and Farm to Market Road 1832. | | | | |
| PECOS COUNTY --- BAKERSFIELD [30.88, -102.28] | | | | |
| | 04/29/07 11:44 CST | 0 | | Flash Flood (due to Heavy Rain) |
| | 04/29/07 16:00 CST | 0 | | Source: COOP Observer |
| Farm to Market Road 11 was impassable due to flooding. In addition, the Exxon Station in Bakersfield was flooded. | | | | |
| JEFF DAVIS COUNTY --- 17.0 NNW FT DAVIS [30.81, -103.99], 18.5 NNW FT DAVIS [30.83, -104.00] | | | | |
| | 04/29/07 11:58 CST | 0 | | Tornado (EF0, L: 1.50 mi , W: 50 yd) |
| | 04/29/07 12:03 CST | 0 | | Source: Law Enforcement |
| A tornado was reported near the Buffalo Trail Boy Scout Camp north-northwest of Fort Davis. | | | | |
| JEFF DAVIS COUNTY --- 22.0 NNE FT DAVIS [30.87, -103.74] | | | | |
| | 04/29/07 11:58 CST | 0 | | Hail (0.88 in) |
| | 04/29/07 11:58 CST | 0 | | Source: Emergency Manager |
| Nickel size hail fell on Texas Highway 17 on the Jeff Davis/Reeves County line. | | | | |
| REEVES COUNTY --- 6.0 SSW BALMORHEA [30.90, -103.77], TOYAHVALE [30.93, -103.78] | | | | |
| | 04/29/07 11:58 CST | 0 | | Hail (0.88 in) |
| | 04/29/07 11:58 CST | 0 | | Source: Emergency Manager |
| Nickel size hail fell in a swath along Texas Highway 17 from the Jeff Davis/Reeves County line to Toyahvale. | | | | |
| CULBERSON COUNTY --- 1.0 S KENT [31.06, -104.22] | | | | |
| | 04/29/07 12:00 CST | 0 | | Hail (0.88 in) |
| | 04/29/07 12:00 CST | 0 | | Source: Public |
| Nickel hail fell on the Culberson/Jeff Davis county line on Texas Highway 118. | | | | |
| CULBERSON COUNTY --- 7.0 E PLATEAU [31.07, -104.43] | | | | |
| | 04/29/07 12:00 CST | 0 | | Hail (2.00 in) |
| | 04/29/07 12:00 CST | 0 | | Source: Trained Spotter |
| Two inch diameter hail fell along Interstate 10 east of the Plateau Truckstop. | | | | |

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| JEFF DAVIS COUNTY --- 36.0 NNE VALENTINE [31.06, -104.27] | | | | |
| | 04/29/07 12:00 CST | | 0 | Hail (0.88 in) |
| | 04/29/07 12:00 CST | | 0 | Source: Trained Spotter |
| Nickel size hail fell on the Culberson/Jeff Davis County line on Texas Highway 118. | | | | |
| REEVES COUNTY --- TOYAHVALE [30.93, -103.78] | | | | |
| | 04/29/07 12:40 CST | | 0 | Hail (1.00 in) |
| | 04/29/07 12:40 CST | | 0 | Source: Public |
| ECTOR COUNTY --- ODESSA [31.85, -102.37] | | | | |
| | 04/29/07 15:11 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/29/07 21:00 CST | | 0 | Source: Law Enforcement |
| Several thunderstorms produced heavy rain that resulted in flash flooding across the city of Odessa. One foot of water was flowing across the intersection of Texas Highway 302 and Farm to Market Road 1882 and across 22nd St. Andrews Highway and Yukon Road also were flooded. A high water rescue was conducted by the Odessa Fire Department at the intersection of Interstate 20 and Grandview where water was two and a half feet deep. The intersection of Knocks and 3rd Street had four to six inches of water flowing over the road. | | | | |
| ECTOR COUNTY --- 1.2 WSW PLEASANT FARMS [31.67, -102.34] | | | | |
| | 04/29/07 15:35 CST | | 0 | Hail (1.75 in) |
| | 04/29/07 15:35 CST | | 0 | Source: Public |
| CULBERSON COUNTY --- 1.0 W KENT [31.07, -104.24] | | | | |
| | 04/29/07 15:40 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/29/07 18:40 CST | | 0 | Source: Fire Department/Rescue |
| Water was flowing over a road just southwest of Kent. | | | | |
| PECOS COUNTY --- 1.4 W FT STOCKTON [30.88, -102.89] | | | | |
| | 04/29/07 16:31 CST | | 0 | Hail (1.00 in) |
| | 04/29/07 16:31 CST | | 0 | Source: Public |
| Quarter size hail fell on Interstate 10 west of Fort Stockton. | | | | |
| HOWARD COUNTY --- COAHOMA [32.30, -101.30] | | | | |
| | 04/29/07 16:35 CST | | 0 | Hail (0.75 in) |
| | 04/29/07 16:35 CST | | 0 | Source: Broadcast Media |
| MIDLAND COUNTY --- MIDLAND [32.00, -102.08] | | | | |
| | 04/29/07 16:35 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/29/07 23:00 CST | | 0 | Source: NWS Employee |
| An off-duty NWS employee reported a foot of water on Bentwood Street between Thomason and Anetta and on Wadley near Midland Drive. The Midland Police Department reported that the intersection of East County Road 90 and South County Road 1160 was closed due to flooding. The Midland Fire Department reported eight inches of water flowing over the intersection of Loop 250 and Business 20. The Texas Department of Transportation closed Texas Highway 307 under Interstate 20 due to flash flooding. | | | | |
| GLASSCOCK COUNTY --- 12.0 S GARDEN CITY [31.70, -101.50] | | | | |
| | 04/29/07 17:00 CST | | 0 | Hail (0.88 in) |
| | 04/29/07 17:00 CST | | 0 | Source: Law Enforcement |
| MIDLAND COUNTY --- GREENWOOD [32.00, -101.92] | | | | |
| | 04/29/07 17:06 CST | | 0 | Hail (1.00 in) |
| | 04/29/07 17:06 CST | | 0 | Source: Trained Spotter |
| Nickel to quarter size hail fell in Greenwood. | | | | |
| BREWSTER COUNTY --- 8.0 NE ALPINE [30.45, -103.58] | | | | |

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|---|--------------------|-------------------|---------------------|---------------------------------|
| | 04/29/07 17:12 CST | | 0 | Hail (1.75 in) |
| | 04/29/07 17:12 CST | | 0 | Source: Law Enforcement |
| Golfball size hail fell along U.S. Highway 67 northeast of Alpine. | | | | |
| <hr/> | | | | |
| PECOS COUNTY --- IMPERIAL [31.27, -102.68] | | | | |
| | 04/29/07 17:31 CST | | 0 | Hail (1.75 in) |
| | 04/29/07 17:36 CST | | 0 | Source: Public |
| Nickel to golfball size hail fell in Imperial. | | | | |
| <hr/> | | | | |
| PECOS COUNTY --- 1.0 NE BELDING [30.79, -103.01] | | | | |
| | 04/29/07 17:49 CST | | 0 | Hail (0.75 in) |
| | 04/29/07 17:49 CST | | 0 | Source: Amateur Radio |
| <hr/> | | | | |
| CRANE COUNTY --- 10.0 S CRANE [31.26, -102.35], 0.7 S CRANE [31.39, -102.35] | | | | |
| | 04/29/07 18:18 CST | | 0 | Hail (1.75 in) |
| | 04/29/07 18:40 CST | | 0 | Source: Public |
| Quarter to golfball size hail fell in a swath south of Crane. | | | | |
| <hr/> | | | | |
| HOWARD COUNTY --- BIG SPRING [32.25, -101.47], COAHOMA [32.30, -101.30] | | | | |
| | 04/29/07 18:20 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/29/07 22:00 CST | | 0 | Source: Trained Spotter |
| Third and fourth streets in Big Spring were flooded with three feet of water. In addition Farm to Market Road 820 on the north side of Coahoma was flooded. | | | | |
| <hr/> | | | | |
| PECOS COUNTY --- FT STOCKTON [30.88, -102.87] | | | | |
| | 04/29/07 18:20 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/29/07 22:00 CST | | 0 | Source: Broadcast Media |
| Six to eight inches of water was flowing over roads in Fort Stockton. | | | | |
| <hr/> | | | | |
| CRANE COUNTY --- CRANE [31.40, -102.35] | | | | |
| | 04/29/07 19:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/29/07 23:00 CST | | 0 | Source: Public |
| Several cars were stalled in one to two feet of water at the intersection of U.S. 385 and Texas Route 329. | | | | |
| <hr/> | | | | |
| UPTON COUNTY --- RANKIN [31.22, -101.90] | | | | |
| | 04/29/07 19:04 CST | | 0 | Thunderstorm Wind (EG 70 kt) |
| | 04/29/07 19:04 CST | | 0 | Source: Broadcast Media |
| A local television forecaster reported 80 mph winds in Rankin. No damage was reported. | | | | |
| <hr/> | | | | |
| UPTON COUNTY --- RANKIN [31.22, -101.90] | | | | |
| | 04/29/07 19:17 CST | | 0 | Hail (0.88 in) |
| | 04/29/07 19:17 CST | | 0 | Source: Broadcast Media |
| <hr/> | | | | |
| MIDLAND COUNTY --- 24.5 SSE MIDLAND [31.67, -101.92] | | | | |
| | 04/29/07 19:32 CST | | 0 | Hail (0.88 in) |
| | 04/29/07 19:36 CST | | 0 | Source: Broadcast Media |
| Nickel size hail fell in 60 to 65 mph winds on the Midland/Upton County line. | | | | |
| <hr/> | | | | |
| MIDLAND COUNTY --- 24.5 SSE MIDLAND [31.67, -101.92] | | | | |
| | 04/29/07 19:32 CST | | 0 | Thunderstorm Wind (EG 56 kt) |
| | 04/29/07 19:36 CST | | 0 | Source: Broadcast Media |
| A member of the media reported 60 to 65 mph winds along with nickel size hail on the Midland/Upton County line. No damage was reported. | | | | |

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| UPTON COUNTY --- 9.0 WNW MIDKIFF [31.68, -101.99] | | | | |
| | 04/29/07 19:32 CST | | 0 | Hail (0.88 in) |
| | 04/29/07 19:36 CST | | 0 | Source: Broadcast Media |

Nickel size hail fell in 60-65 mph winds on the Midland/Upton County line.

| | | | | |
|--|--------------------|--|---|------------------------------|
| UPTON COUNTY --- 9.0 WNW MIDKIFF [31.68, -101.99] | | | | |
| | 04/29/07 19:32 CST | | 0 | Thunderstorm Wind (EG 56 kt) |
| | 04/29/07 19:36 CST | | 0 | Source: Broadcast Media |

A member of the media reported 60 to 65 mph winds along with nickel size hail along the Midland/Upton County line. No damage was reported.

| | | | | |
|--|--------------------|--|---|----------------|
| CRANE COUNTY --- CRANE [31.40, -102.35] | | | | |
| | 04/29/07 20:30 CST | | 0 | Hail (1.00 in) |
| | 04/29/07 20:30 CST | | 0 | Source: Public |

An upper level low pressure system located over northern portions of Mexico in combination with east to southeast surface winds pulling in abundant amounts of Gulf moisture and providing upslope flow, led to the development of showers and thunderstorms across west Texas and southeastern New Mexico.

During the overnight hours on early Sunday morning, showers and thunderstorms moved out of northern Mexico into southwest Texas. Additional thunderstorms developed over the higher elevations of southwest Texas leading to pre-sunrise severe weather in the form of hail and flash flooding across the southwest portions of the County Warning Area. As the morning progressed, a large area of embedded showers and thunderstorms moved northeastward across southeastern New Mexico and the Texas Permian Basin producing occasional severe weather, before exiting into the South Plains of West Texas.

With antecedent conditions remaining in place, the additional boundaries left by morning convection and daytime heating led to thunderstorm re-development by early Sunday afternoon and a significant severe weather event that affected much of the area into the pre-dawn hours on Monday morning.