National Weather Service
Storm Data and Unusual Weather Phenomena

August 2004

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

NEW MEXICO, Southeast

Lea County

2.5 NE Crossroads **04** **2045MST** **0** **0** **200K** **0** **Thunderstorm Wind (EG61)**

Severe thunderstorm winds blew down an oil field pulling unit northeast of Crossroads. The pulling unit was a large "L"-shaped structure towering 110 feet tall and weighing approximately fifty tons. In addition, several large tree limbs measuring ten inches in diameter were broken and some tin was partially removed from the roof of an abandoned house.

Lea County

1 N Crossroads to 2 N Crossroads **04** **2100MST 2300MST** **0** **0** **0** **0** **Flash Flood**

Oil field workers reported flood waters covering State Highway 206 north of Crossroads.

A complex of strong to severe thunderstorms propagated southeast across the southeastern New Mexico plains during the late evening of the 4th. Severe winds resulted in significant damage to oil field machinery and a part of State Highway 206 was under water as a result of flash flooding.

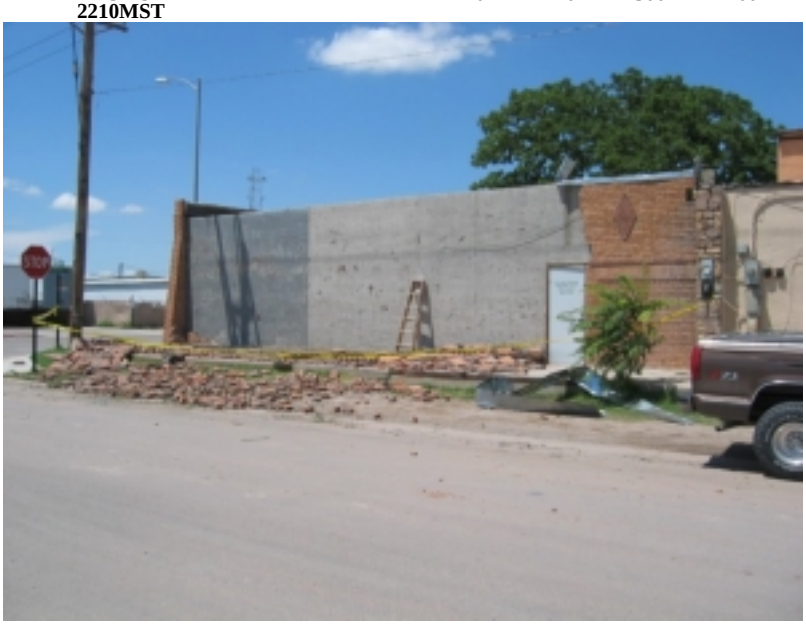
Eddy County

Queen **07** **1650MST 1707MST** **0** **0** **5K** **0** **Hail(1.75)**

Scattered thunderstorms affected the Guadalupe Mountains and the plains of southeastern New Mexico during the afternoon and evening of the 7th. An isolated storm became severe and produced large hail near Queen in southwestern Eddy County. A store manager reported that hail began as quarter size stones, but grew to the size of golfballs before it ended more than fifteen minutes later.

Eddy County

Carlsbad to Malaga **12** **2123MST 2210MST** **0** **0** **500K** **200K** **Thunderstorm Wind (MG68)**



Damaging thunderstorm winds affected a large part of Eddy County on the evening of the 12th. Downed power lines, poles, and trees were widespread in the area between Carlsbad and Malaga. Numerous light structures also were damaged. The photo above shows an exterior brick wall that collapsed when a portion of the roof was peeled off of a Malaga business by the winds. Photo courtesy: National Weather Service Midland/Odessa, Texas.

A linear bow-shaped complex of severe storms swept southeast across Eddy County during the late evening of the 12th. These storms resulted in widespread wind damage as they affected Carlsbad, Loving, and Malaga. Numerous trees, utility lines, and dozens

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

NEW MEXICO, Southeast

of power poles were downed by the storms. Several trailers and other light structures also sustained damage. A National Weather Service damage assessment team also found wind damage to area agricultural crops. A wind gust of 78 MPH was recorded by the Carlsbad Municipal Airport ASOS at 21:39 MST. No injuries were reported.

Eddy County

Carlsbad | **12** | **2127MST 2130MST** | **0** | **0** | **0** | **0** | **Hail(1.00)**

Penny to quarter size hail was reported in Carlsbad.

Eddy County

Carlsbad to 10 NW Carlsbad | **12 13** | **2140MST 0030MST** | **0** | **0** | **50K** | **0** | **Flash Flood**

Law enforcement officials and trained storm spotters reported flash flooding that inundated numerous city streets with flowing flood waters. The floods damaged at least one business when up to half a foot of water entered a local hotel. In addition, several area highways were deemed impassable due to high water. State Highway 137 was completely submerged by flood waters near the intersection of U.S. Highway 285. No injuries were reported.

Eddy County

Carlsbad | **12** | **2200MST** | **0** | **1** | **0** | **0** | **Lightning**

A man was transported to a local hospital after being severely injured by lightning. The injury occurred on Forest Drive in the city of Carlsbad.

Eddy County

21 ESE Malaga | **12** | **2345MST 2350MST** | **0** | **0** | **0** | **0** | **Thunderstorm Wind (MG50)**

A severe wind gust was measured on the Eddy/Lea County line at the Paduca RAWS site

Lea County

31 WNW Jal | **12** | **2345MST 2350MST** | **0** | **0** | **0** | **0** | **Thunderstorm Wind (MG50)**

A severe wind gust was measured on the Eddy/Lea County line at the Paduca RAWS site

Lea County

Hobbs | **21** | **1800MST** | **0** | **0** | **0** | **0** | **Hail(1.75)**

Several thunderstorms developed over the southeastern plains of New Mexico during the late afternoon and evening of the 21st. This activity quickly moved into parts of west Texas where an extensive severe weather episode unfolded. One thunderstorm became severe over Hobbs. Law enforcement officials reported golfball size hail in the city.

Lea County

8 W Jal to 10 W Jal | **31** | **1545MST 2000MST** | **0** | **0** | **0** | **0** | **Flash Flood**

Strong thunderstorms resulted in very heavy rainfall over rural areas west of Jal. Doppler radar estimates indicated nearly four inches of rainfall fell over State Highway 128. The Jal Police Department reported high water flowing over the highway at several locations between eight and ten miles west of Jal.

TEXAS, West

Dawson County

4 NNE Grandview to 4 N Arvana | **06** | **2108CST 2140CST** | **0** | **0** | **20K** | **350K** | **Hail(2.75)**

A high precipitation supercell moved slowly southeast across northern Dawson County during the late evening of the 6th. This storm resulted in a large swath of damaging hail ranging in size from quarters to baseballs. Most of the damage was restricted to cotton crops from the Lynn/Dawson county line near Grandview. A survey by the Dawson County Agricultural Extension Agent concluded that over 5,000 acres of cotton were lost. The storm weakened before crossing U.S. Highway 87 at Arvana where it produced only pea size hail.

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

TEXAS, West

Scurry County

Snyder — **06 2235CST** / **07 0100CST** — 0 | 0 | 0 | 0 | **Flash Flood**

The Scurry County Sheriffs Department reported flash flooding that resulted in high water running through several city streets. Deputies closed some streets with barricades.

A complex of strong to severe thunderstorms tracked from the Texas south plains into the northeastern Permian Basin during the late evening of the 6th. The southern storm of the linear complex was an intense high precipitation supercell. This storm produced a swath of very large and damaging hail. Thunderstorms and heavy rainfall also resulted in flash flooding in Snyder.

Reagan County

2 W Big Lake — **08** — **1640CST** — 0 | 0 | 0 | 0 | **Hail(0.75)**

Hail was reported on U.S. Highway 67.

Brewster County

5 NNW Alpine — **08 2222CST** / **09 0100CST** — 0 | 0 | 0 | 0 | **Flash Flood**

The Texas Department of Public Safety reported high water flowing over State Highway 118 north of Alpine

Two areas of convection affected parts of west Texas during the afternoon and evening of the 8th. During the late afternoon hours, a small cluster of multicell thunderstorms moved southeast over the southern Permian Basin. One of these storms became severe and produced penny size hail west of Big Lake. Thunderstorms with heavy rainfall moved over the Davis Mountains and Big Bend during the evening hours. Several waves of storm activity over northern Brewster County resulted in localized flash flooding.

Midland County

Greenwood — **12** — **0512CST** — 0 | 0 | 0 | 0 | **Hail(0.75)**

Midland County

2 SW (Maf) Midland Int — **12** — **0516CST** — 0 | 0 | 0 | 0 | **Hail(1.00)**

Ector County

Odessa — **12** — **0524CST** — 0 | 0 | 0 | 0 | **Hail(0.75)**

A complex of strong to severe thunderstorms moved across the central Permian Basin during the early morning hours of the 12th. A few severe cells within this linear complex resulted in large hail up to the size of quarters.

Loving County

Red Bluff Res — **12** — **2315CST** / **2320CST** — 0 | 0 | 5K | 0 | **Thunderstorm Wind (EG61)**

A rural resident of northwestern Loving County reported severe thunderstorm winds that broke large tree limbs and displaced large appliances, including a retired clothes dryer, that were stored outside

Ward County

Barstow — **12 2355CST** / **13 0100CST** — 0 | 0 | 10K | 0 | **Thunderstorm Wind (EG61)**

Severe thunderstorm winds blew the roof off of a barn in Barstow.

Reeves County

Pecos — **13** — **0100CST** — 0 | 0 | 0 | 0 | **Thunderstorm Wind (EG52)**

A local radio station broadcaster reported 60 MPH winds in Pecos. A National Weather Service rainfall observer reported that a large tree was blown down by the severe thunderstorm winds.

A bow-shaped linear complex of thunderstorms that produced widespread wind damage across southeastern New Mexico propagated southeast across the Upper Trans Pecos region of west Texas around midnight CST on the 12th. Although damage reports were likely limited by the rural and largely unpopulated nature of the area, several large trees were blow down and at least

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

TEXAS, West

one light structure sustained damage.

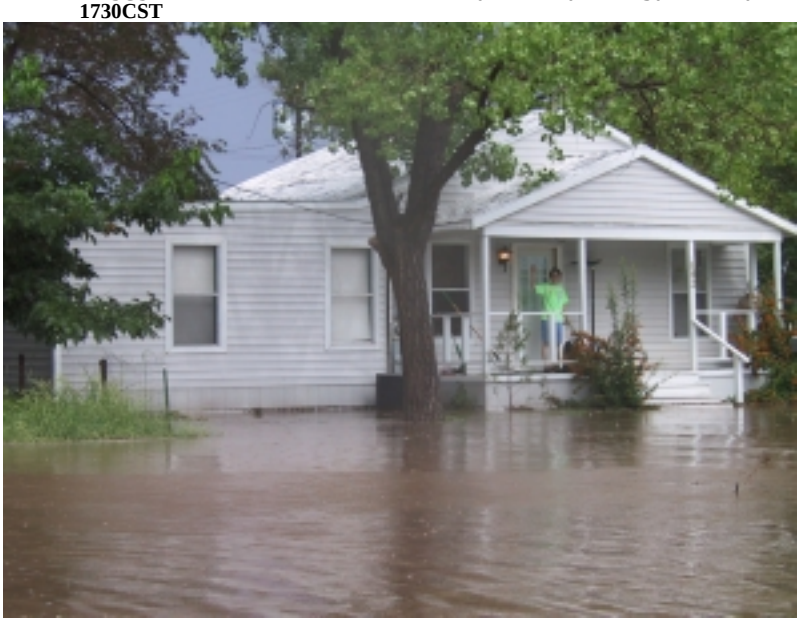
Brewster County

5 WSW Alpine to 5 SSE Alpine | **14** | **1324CST 1345CST** | **0** | **0** | **0** | **0** | **Hail(0.88)**

Law enforcement officials and a local radio station reported a swath of nickel size hail from U.S. Highway 90/67 west of Alpine to State Highway 118 south of the city.

Brewster County

Alpine | **14** | **1415CST 1730CST** | **0** | **0** | **50K** | **0** | **Flash Flood**



Several Alpine residents were evacuated from their homes during the afternoon of the 14th when heavy rainfall resulted in the most significant flooding along Alpine Creek in thirty years. Photo courtesy: Beste Esparza/Alpine Avalanche.

The Alpine Police Department barricaded city streets at several low water crossings at 14:15 CST due to flash flooding. Shortly before 1600 CST Alpine Creek began to overflow its banks, and washed away the police barricades. During the next half hour, residents were evacuated from several homes along the creek as flood waters continued to rise.

Pecos County

9 N Ft Stockton | **14** | **1630CST 1830CST** | **0** | **0** | **0** | **0** | **Flash Flood**

Flash flooding resulted in high water flowing over Farm to Market Road 1053 north of Fort Stockton.

A cluster of strong to severe thunderstorms developed over the Davis and Glass Mountains during the afternoon of the 14th. One storm produced nickel size hail near Alpine. Heavy rainfall associated with the thunderstorm activity also produced significant flash flooding along Alpine Creek in Alpine. Local officials called it the worst flooding to affect the city in thirty years. Flash flooding also resulted in road closures across parts of Pecos County.

Jeff Davis County

Ft Davis | **17** | **1405CST 1700CST** | **0** | **0** | **0** | **0** | **Flash Flood**

The Jeff Davis County Emergency Manager reported that flash flooding resulted in high water in several city streets of Fort Davis.

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

TEXAS, West

Reeves County

Pecos — **17** — **1701CST** / **1900CST** — **0** — **0** — **0** — **0** — **Flash Flood**

Local emergency management officials reported widespread flooding of city streets in Pecos. Over one inch of rain reportedly fell in a twenty minute period.

Scattered strong thunderstorms produced locally heavy rainfall in the Davis Mountains and the Upper Trans Pecos region of west Texas. Officials in both Reeves and Jeff Davis Counties reported dangerous conditions due to street flooding.

Martin County

10 WNW Tarzan to 3 E Tarzan — **18** — **1710CST** / **1900CST** — **0** — **0** — **0** — **0** — **Flash Flood**

The Martin County Sheriff's Office reported flood waters flowing over State Highway 349 in northwest Martin County and Farm to Market Road 829 near Grady.

Mitchell County

3 S Loraine — **18** — **2025CST** / **2200CST** — **0** — **0** — **0** — **0** — **Flash Flood**

Heavy rainfall resulted in flash flooding over rural portions of northern Mitchell County. Local officials reported high water flowing over the intersection of County Road 426 and Farm to Market Road 644 south of Loraine

Strong thunderstorms affected the northern and eastern Permian Basin of west Texas during the late afternoon and evening of the 18th. These storms produced very heavy rainfall at some locations. A Mitchell County resident measured 4.8 inches of rain that fell in a short time south of Loraine. Flash flooding made local roads and highways impassable across portions of Martin and Mitchell Counties.

Reagan County

19 NE Stiles — **21** — **1440CST** / **1450CST** — **0** — **0** — **0** — **0** — **Hail(1.00)**

A complex of severe multicell convection back built into the southeastern Permian Basin from the west-central Texas area near San Angelo along and north of a stalled frontal boundary. This was first of several waves to affect the west Texas Permian Basin and the Trans Pecos region during an extensive severe weather episode. Pea to quarter size hail was first reported at the Cope Ranch in rural northeastern Reagan County.

Reagan County

13 NNW Stiles — **21** — **1503CST** / **1700CST** — **0** — **0** — **0** — **0** — **Flash Flood**

Flash flooding across northern Reagan County resulted in high water that flowed over the intersection of State Highway 137 and Morton Drive. A National Weather Service cooperative observer reported 1.8 inches of rainfall in the immediate area

Reagan County

13 NNW Stiles — **21** — **1525CST** — **0** — **0** — **0.50K** — **0** — **Thunderstorm Wind (EG57)**

The North Reagan County Fire Department reported severe thunderstorm winds that produced minor damage around the fire station. A large wooden swing and jungle gym unit was blown over by the winds

Glasscock County

1 E Garden City — **21** — **1526CST** — **0** — **0** — **0** — **0** — **Hail(0.75)**

A left moving anticyclonic supercell split from the multicell complex over Reagan County and moved north across eastern Glasscock County. This storm produced penny size hail over State Highway 158 just east of Garden City.

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

TEXAS, West

Midland County

Greenwood | **21** | **1525CST** | **0** | **0** | **0** | **0** | **Hail(1.75)**

Convective development quickly increased north of the stalled frontal boundary. A severe thunderstorm developed in northeastern Midland County, and produced golfball size hail in Greenwood. No damage was reported.

Martin County

1 WSW Stanton | **21** | **1650CST** | **0** | **0** | **0** | **0** | **Hail(1.75)**

The storm that produced large hail over Greenwood moved northeast into Martin County. Motorists traveling along Interstate 20 reported golfball size hail just outside of Stantor.

Martin County

8 SW Stanton | **21** | **1820CST** **2000CST** | **0** | **0** | **0** | **0** | **Flash Flood**

A trained storm spotter reported flood waters in excess of a foot deep flowing over Interstate 20 on the Martin/Midland County line

Midland County

12 NE Midland | **21** | **1820CST** **2000CST** | **0** | **0** | **0** | **0** | **Flash Flood**

A trained storm spotter reported flood waters in excess of a foot deep flowing over Interstate 20 on the Martin/Midland County line

Upton County

Mc Camey to 7 NNE Mc Camey | **21** | **1556CST** **1605CST** | **0** | **0** | **0** | **0** | **Hail(1.75)**

Additional thunderstorm activity developed west along the front. The public reported golfball size hail in McCamey. The storm continued to produce large hail as it tracked northeast of the city. A local electric company reported penny size hail at a power generating windmill facility on King Mountain north-northeast of McCamey. No damage was reported.

Upton County

Mc Camey to 1 S Mc Camey | **21** | **1645CST** **1830CST** | **0** | **0** | **0** | **0** | **Flash Flood**

Local officials reported high water flowing through several city streets in McCamey. In addition, Farm to Market Road 1901 was impassable due to flood waters in and just south of the city.

Andrews County

Andrews | **21** | **1642CST** **1643CST** | **0** | **0** | **0** | **0** | **Hail(1.75)**

The first of several rounds of severe storms impacted the northwest Permian Basin during the late afternoon as convective development continued to increase towards the northwest. A severe thunderstorm rapidly developed over Andrews and produced hailstones ranging in size from nickels to golfballs. No damage was reported.

Andrews County

1 W Andrews to 6 SE Andrews | **21** | **1730CST** **1745CST** | **0** | **0** | **0** | **0** | **Hail(0.75)**

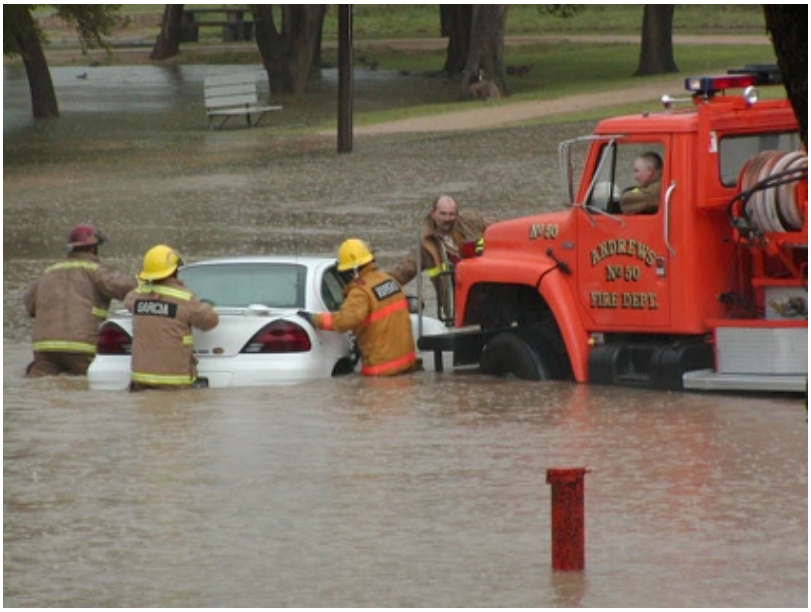
The initial severe storm that developed over Andrews evolved into a cluster of strong to severe thunderstorms. A second cell produced large hail in Andrews west of U.S. Highway 385. As the complex propagated southeast, it produced a six miles long swath of penny size hail southeast of the city. The hail was described as "mushy" and disintegrated upon impacting the grounc.

Andrews County

Andrews | **21** | **1735CST** **1930CST** | **0** | **0** | **150K** | **0** | **Flash Flood**

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

TEXAS, West



Members of the Andrews Fire Department work to rescue the occupants of a car submerged in flood waters. Photo courtesy: Sherie Reid/Andrews County News.

Storm spotters and local officials reported flash flooding in Andrews. Several city streets were inundated by flowing water. High water entered houses in parts of the city and caused structural damage. In addition, fire department officials conducted several high water rescues when motorists were stranded by flood waters.

Midland County

Midland	**21**	**1859CST 1905CST**	**0**	**0**	**5K**	**0**	**Thunderstorm Wind (EG52)**

The complex of severe storms propagated southeast from Andrews County and struck the city of Midland. Severe winds broke several large tree branches measuring six inches in diameter in a residential area near downtown.

Midland County

Midland	**21**	**1915CST 2130CST**	**0**	**0**	**0**	**0**	**Flash Flood**

Urban flash flooding resulted in high water flowing through city streets near the intersection of Garfield and Loop 250.

Pecos County

Sheffield	**21**	**1735CST 1740CST**	**0**	**0**	**0**	**0**	**Hail(0.75)**

A small cluster of severe thunderstorms produced large hail over Sheffield.

Pecos County

Bakersfield	**21**	**1745CST**	**0**	**0**	**0**	**0**	**Hail(0.88)**

The first of two supercell thunderstorms developed over Pecos County and produced nickel size hail as it passed over Bakersfield. This storm moved sharply to the right of the mean flow, and propagated due south over the eastern parts of the county

Pecos County

11 N Ft Stockton to 4 W Ft Stockton	**21**	**1837CST 1920CST**	**0**	**0**	**0**	**0**	**Hail(1.00)**

The second supercell storm to affect Pecos County on the evening of the 21st, and the most destructive storm of the event, developed over the northern parts of the county and propagated south-southwest toward Fort Stockton. A rural resident reported three-quarter inch hail north of the city. The Texas Department of Public Safety reported nickel size hail at mile marker 254 on Interstate 10 as the

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

TEXAS, West

core of the storm passed just west of Fort Stockton. Quarter size hail fell at the municipal airport located just west of the city.

Pecos County

2 SW Ft Stockton to 2.1 SW Ft Stockton	**21**	**1910CST 1911CST**	**0.1**	**75**	**0**	**0**	**0**	**0**	**Tornado (F0)**

A tornado was observed by a trained storm spotter and security officials at the Lynbaugh Texas Department of Corrections Unit. The tornado was short-lived, and occurred just southwest of Fort Stockton west of U.S. Highway 385. No damage or injuries resulted.

Pecos County

7 SW Ft Stockton to 7 SSW Ft Stockton	**21**	**1920CST 1940CST**			**0**	**0**	**10K**	**1.5M**	**Hail(1.75)**

A broad swath of golfball size hail affected rural areas southwest of Fort Stockton. The hail resulted in significant crop damage at Belding Farms. The large agricultural complex suffered over $1.5 million in damage to pecan orchards

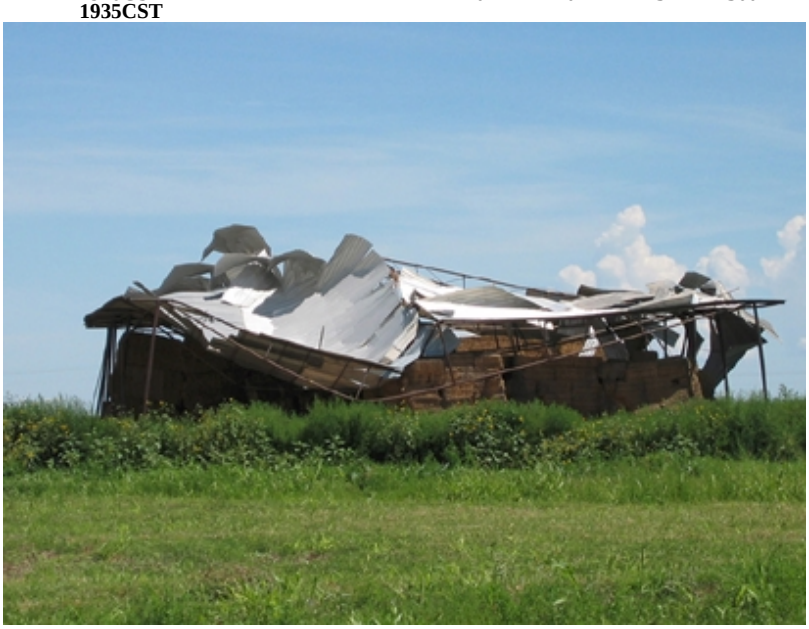
Pecos County

7 SW Ft Stockton	**21**	**1920CST 1930CST**			**0**	**0**	**40K**	**0**	**Hail(2.50)**

Hailstones ranging in size from golfballs to tennis balls followed the damaging winds that destroyed a large hay barn and severely damaged a home on the property. The hail was responsible for additional damage to the home's roof and windows.

Pecos County

7 SW Ft Stockton to 7.5 SSW Ft Stockton	**21**	**1920CST 1935CST**			**0**	**0**	**125K**	**300K**	**Thunderstorm Wind (EG65)**



Two large hay barns were destroyed as a tornadic supercell tracked south across central Pecos County. A National Weather Service damage assessment team determined the damage was the result of severe rear flank downdraft winds on the back side of the storm. Photo courtesy: National Weather Service, Midland/Odessa, Texas.

Intense rear flank down draft winds developed along the southwest and west flank of the storm as it propagated south of Interstate 10. These winds destroyed two large hay barns on adjacent ranches between Belding and Fort Stockton, subjecting the hay to rain and causing a total loss. Debris from the tin roof of one barn was blown into a nearby homestead. Power poles and lines were snapped as the debris slammed into the house causing structural damage and killing a cow.

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

TEXAS, West

Pecos County

6 SSW Ft Stockton to 6.2 SSW Ft Stockton | **21** | **1925CST 1926CST** | **0.2** | **75** | **0** | **0** | **0** | **0** | **Tornado (F0)**

A second tornado was observed by guards at the Lynbaugh Texas Department of Corrections Unit. The tornado occurred in open range land between Belding and Fort Stockton west of U.S. Highway 385. It was short-lived and resulted in no damage or injuries.

Pecos County

11 S Ft Stockton | **21** | **1955CST** | **0** | **0** | **2K** | **0** | **Hail(2.75)**

A motorist encountered baseball size hail on U.S. Highway 385 south of Fort Stockton

Gaines County

8 NW Seminole | **21** | **1835CST** | **0** | **0** | **12K** | **0** | **Thunderstorm Wind (EG57)**

Additional thunderstorm development over the northwestern Permian Basin resulted in damaging winds that blew down a row of power poles along State Highway 214 northwest of Seminole. Sparking utility lines set the poles on fire after they were downed by the storm.

Gaines County

8 W Seminole | **21** | **1915CST** | **0** | **0** | **0** | **0** | **Hail(1.75)**

A severe thunderstorm that initiated in Lea County, New Mexico, moved east across western Gaines County. This was the second severe storm to affect the county within an hour. Golfball size hail was reported on U.S. Highway 62/180 west of Seminole.

Gaines County

4 N Seminole | **21** | **1955CST 2030CST** | **0** | **0** | **0** | **0** | **Flash Flood**

A section of U.S. Highway 62/385 was closed when flash flooding resulted in high water flowing over the highway

A stalled frontal boundary ignited a round of significant severe weather across the west Texas Permian Basin and Upper Trans Pecos during the afternoon and evening of the 21st. Convection initially developed over west-central Texas. This activity back built into the southeastern Permian Basin. As the afternoon progressed, development quickly increased northwest along the frontal boundary. Storms that developed over much of the Permian Basin were largely elevated and multicell in nature and produced large hail and damaging winds along with very heavy rainfall. Several storms that developed south of the front organized into classic supercells. One storm resulted in at least two tornadoes and extensive wind and hail damage over central Pecos County. By the conclusion of the event during the late evening hours, almost $2 million of property and agricultural damage had occurred across the region.

Howard County

Big Spring | **25** | **0325CST** | **0** | **0** | **0** | **0** | **Hail(1.00)**

Howard County

Big Spring | **25** | **0330CST** | **0** | **0** | **15K** | **0** | **Thunderstorm Wind (EG61)**

A round of early morning thunderstorms moved across the west Texas Permian Basin before dawn on the 25th. One storm embedded in the convective complex became severe and resulted in large hail and damaging winds near Big Spring. Penny to quarter size hail was reported in the city. Severe thunderstorm gusts caused minor roof damage to a structure on the south side of the city.

Terrell County

5 W Dryden | **26** | **1803CST** | **0** | **0** | **0** | **0** | **Thunderstorm Wind (MG51)**

An isolated thunderstorm produced a severe wind gust that was measured by the Terrell County Airport ASOS during the early evening of the 27th.

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

TEXAS, West

Andrews County

4 W Andrews | **30** | **1327CST 1331CST** | **0** | **0** | **0** | **0** | **Hail(1.00)**

Quarter size hail was reported on State Highway 176.

Scurry County

10 WSW Snyder to Knapp | **30** | **1510CST 1529CST** | **0** | **0** | **0** | **0** | **Hail(1.25)**

Residents of southwestern Scurry County reported quarter to half dollar size hail between Snyder and Knapp.

Borden County

Lake J B Thomas | **30** | **1542CST 1555CST** | **0** | **0** | **0** | **25K** | **Hail(0.75)**

Borden County

Lake J B Thomas | **30** | **1550CST 1555CST** | **0** | **0** | **0** | **5K** | **Thunderstorm Wind (EG52)**

The severe thunderstorm that produced large hail in Scurry County propagated southwest across parts of Borden County. A resident along the shores of Lake J.B. Thomas reported large hail that covered the ground and damaging thunderstorm winds. The hail stripped pecans from a small private pecan orchard and thunderstorm winds broke off branches six inches in diameter.

Andrews County

18 SE Andrews | **30** | **1610CST** | **0** | **0** | **0** | **0** | **Hail(0.75)**

Penny size hail was reported on Farm to Market Road 1788 in southeastern Andrews County.

Midland County

7 NW (Maf) Midland Int | **30** | **1630CST** | **0** | **0** | **0.50K** | **0** | **Thunderstorm Wind (EG52)**

Severe thunderstorm winds blew down a large flag pole at a rural homestead in northwestern Midland County

Crane County

12 N Crane | **30** | **1720CST** | **0** | **0** | **0** | **0** | **Hail(1.75)**

Golfball size hail was reported at a trailer park along U.S. Highway 385 in northeastern Crane County

Ector County

10 W Odessa | **30** | **1730CST** | **0** | **0** | **0** | **0** | **Hail(0.75)**

Crane County

14 N Crane | **30** | **1807CST 1930CST** | **0** | **0** | **0** | **0** | **Flash Flood**

Local officials reported one foot deep flood waters crossing U.S. Highway 385 north of Crane

Widespread convection erupted over the west Texas Permian Basin during the afternoon of the 30th. Several storms became severe with organized multicell structures the dominant mode for convection. One relatively long-lived thunderstorm propagated southwest across Scurry and Borden Counties. This storm produced a swath of large hail that damaged pecan trees. Another well-organized storm produced golfball size hail over U.S. Highway 385 in northern Crane County. This storm remained stationary over the highway for nearly an hour, and resulted in flash flooding along the steep terrain of the Caprock Escarpment.

Pecos County

Ft Stockton to 5 SSW Ft Stockton | **31** | **1050CST 1700CST** | **0** | **0** | **75K** | **0** | **Flash Flood**

Thunderstorms were stationary over Fort Stockton around midday on the 31st. These storms resulted in up to two inches of rainfall over the city by 11:00 CST. Extensive flooding in Fort Stockton was reported along with flooding along U.S. Highway 385 just southwest of the city. Fire department officials reported that several high water rescues were conducted in the south side of the city, and residents were evacuated from their homes in one neighborhood. A National Weather Service cooperative observer on the south side of Fort Stockton measured 5.10 inch of rain for the event. Flooding in the city receded by mid afternoon. High water persisted

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

TEXAS, West

over U.S. Highway 385 just southwest of the city through 17:00 CST. No injuries were reported.

Andrews County

Andrews **31** **1515CST** **1630CST** **0** **0** **0** **0** **Flash Flood**

A thunderstorm persisted over the north side of Andrews and produced between one and two inches of rainfall within half an hour during the afternoon of the 31st. Multiple reports indicated dangerous flash flooding conditions in the city. Local officials barricaded northwest Avenue G from Eighth to Eleventh Streets. Flooding of city streets was widespread in the vicinity of City Lake. Flood waters flowed two feet deep through some streets.

Andrews County

8 E Andrews **31** **1650CST** **1800CST** **0** **0** **0** **0** **Flash Flood**

A second thunderstorm produced very heavy rainfall east of Andrews. As a result, flood waters flowed across State Highway 176.

Crane County

8 N Crane **31** **1750CST** **1930CST** **0** **0** **0** **0** **Flash Flood**

Strong thunderstorms and locally heavy rainfall resulted in flash flooding for the second consecutive day over northeastern Crane County on the 31st. Local officials reported flood waters flowing over U.S. Highway 385 north of Crane.

Scattered thunderstorms erupted over the west Texas Trans Pecos region by midday on the 31st. The activity initiated over Pecos County where dangerous flash flooding conditions affected Fort Stockton. Convection spread northeast during the afternoon and evening into the Permian Basin. Officials reported that flash flooding "effectively shut down" the city of Andrews during the late afternoon.